

EATURE SECTION Starts on Page 59

RD

year THE NEWSWEEKLY OF RADIO AND TV on the ground. That makes Baltimore differentand it's different as a market too!

# A HIGHLY COMPACT MARKET!

Baltimore is the most concentrated market in America. More than 11/3 million people packed right in the city limits and a tiny surrounding areathe densely populated parts of a few counties. W-I-T-H covers the whole area-at a fraction of the cost of powerful, expensive network stations, whose

## NIELSEN SHOWS W-I-T-H IN LEAD!

In the home city and county, W-I-T-H leads every other radio and television station in Baltimore in N.C.S. weekly daytime circulation! That means you get far more listeners-per-dollar from W-I-T-H than from any other station in town-regardless of power or network affiliation.

A call to your Forjoe man will bring you the whole W-I-T-H story.

IN BALTIMORE



REPRESENTED BY FORJOE & CG.



# BRISTOL MYERS DOES A COMPLETE JOB . . .

# SO DO HAVENS AND MARTIN, Inc. STATIONS

WMBG WCOD WTVR

Bristol-Myers' BUFFERIN is a tribute to a complete job. Bufferin combines aspirin with two antacid ingredients which all work together to relieve pain twice as fast as aspirin, but without the upset stomach which aspirin often causes.

Programming the best ingredients of fine entertainment and public service also takes skill. The application of this skill by Havens and Martin, Inc., Stations has built large and loyal audiences for WMBG, WCOD and WTVR in the rich areas around Richmond. Join the other advertisers using the First Stations of Virginia.



Now maximum power 100,000 watts at maximum height 1049 feet



Havens & Martin Inc. Stations are the only complete broadcasting institution in Richmond. Pioneer NBC outlets for Virginia's first market. WTVR represented nationally by Blair TV, Inc. WMBG represented nationally by The Bolling Co.





TEX RITTER



JUNE VALLI



MEL TORME



PEGGY LEE



# as basic as profits!

# Successful television operation demands the new combined<sup>\*</sup> Studio Telescription Library

Studio Telescriptions are as important to profitable television programming as transcriptions are to radio. The Studio Telescription Library, over 1,100 three minute films produced especially for TV, puts the country's top musical talent to work for you . . . winning audiences and attracting sponsors for your shows.

The Library is complete with handy index files, sample scripts, program ideas and background material for your own MC. In only minutes you can build any number of star-studded shows which sparkle with lavish production settings.

And, the cost is unbelievably low. Even the most budgetminded advertisers are quickly sold on the miracle selling power of this top-talent television with none of the usual high production costs. Find out today how Studio Telescriptions, television's basic film library, can mean bigger-than-ever profits for you.

\*consisting of Studio Musi-Films and Snader Telescriptions.

# put scores of top name artists on your regular staff

DON'T DELAY ... DON'T WRITE CALL COLLECT: OXford 7-2590





380 MADISON AVENUE . NEW YORK 17, N. Y. . OXFORD 7-2590

Exclusive distributors of Studio Telescriptions

IN CANADA: ALL-CANADA TELEVISION, 129 ADELAIDE ST. WEST, TORONTO, ONT., EMPIRE 3-2632

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**NEVER BEFORE** in the fabulous history of BIG "D" have SO MANY PEOPLE HAD SO MUCH MONEY IN DALLAS BANKS!

Total Bank Deposits Year Ended Dec. 31, '53: \$1,848,060,115.00

# NEVER BEFORE HAVE DALLAS PEOPLE SPENT SO MUCH MONEY

Total Bank Debits Year Ended Dec. 31, '53: \$19,846,785,000.00

NEVER BEFORE HAVE SO MANY EYES AND EARS OF DALLAS PEOPLE TUNED TO KRLD AND KRLD-TV. RATINGS ARE ZOOM-ING, TOO!

Latest Pulse Report shows KRLD radio leads in 122 out of the first 192 highest rated quarter-hour periods in the week. 10 out of the FIRST TEN highest rated evening programs are on KRLD.

EXCLUSIVE CBS OUTLET FOR THE DALLAS AND FORT WORTH AREA THE BIGGEST BUY IN THE BIGGEST MARKET IN THE BIGGEST STATE THE TIMES HERALD STATIONS... THE BRANHAM CO., Exclusive Representative Clyde W. Rembert, President

# closed circuit,

NEGOTIATIONS in progress whereby Richard D. Buckley, former president of John Blair & Co.; Horace L. Lohnes, Washington attorney, and Harry Playford, St. Petersburg banker and present WNEW stockholder, expect to acquire WNEW, New York's premier independent, from William S. Cherry interests of Providence for sum in excess of \$2 million. Understood Mr. Buckley would become president and general manager with Bernice Judis becoming chairman of board and Ira Herbert (her husband) vice president with emphasis on sales. While Judis-Herbert team probably would not be involved in daily operations, their highly successful operations format would be continued.

#### \* \* \*

COMR. GEORGE E. STERLING, colleague of Rosel H. Hyde on FCC and its predecessor Federal Radio Commission for quarter-century, is solidly behind Idaho Republican for reappointment as FCC chairman. Mr. Hyde, he asserts, is laying foundation for formulation of overall policies, including such fundamental issues as daytime skywave, tv satellites and boosters, subscription television, uhf's future, NARBA ratification, as well as urgent common carrier and special services matters. He applauds FCC's accomplishments as Mr. Hyde approaches end of his first year as chairman in April.

#### $\star$ $\star$ $\star$

INFORMAL discussions with Mexico on possible interim understanding on radio broadcast allocations pending its participation in full North American Regional Broadcast Agreement (NARBA) expected to be held in Washington in late March. It's understood Mexican delegation will meet with U. S. delegation (mainly FCC) under State Dept. auspices, for exploratory talks. Mexico isn't party to NARBA treaty, which awaits Senate ratification, and to date all overtures for bilateral agreements with Mexico have been rejected. Clear Channel Broadcasting Service has voiced unrelenting opposition to treaty ratification by Senate.

## \* \* \*

NBC officialdom made pilgrimage to Cincinnati last week for annual "Stewardship Report" to Procter & Gamble—and also, naturally, to make pitch for more P & G business. P & G's current advertising accounts run to July, but company makes its appropriations decisions about mid-March. NBC group was headed by President Sylvester L. Weaver Jr.; William H. Fineshriber Jr., vice president in charge of radio network; Ted Cott, operating vice president for radio network, and Fred Horton, director of radio network sales.

## \* \* \*

PROPOSAL by FCC to allow five-vhf station owners to acquire two additional uhf tv outlets to help boost uhf appears to have support from unexpected quarter—educators. Informally they are known to favor help for uhf since two-thirds of their reserved channels are in that band. Uhf promotion meeting is being sponsored by educators in Washington today (Mon.) at Statler Hotel.

BROADCASTING • TELECASTING

NARTB, which has been canvassing stations as to how they stand on proposed FCC license fee plan, still trying to make up its mind. Many stations, mainly in smaller category, have urged vigorous opposition and likelihood is that NARTB will oppose fees as discriminatory before FCC, as well as at hearings March 16 before Senate Communications subcommittee. FCC, despite individual views of members, feels it's dutybound to follow through on fee system as Administration policy.

#### \* \* \*

REP. KATHERINE ST. GEORGE (R-N. Y.) this week intends to drop her anti-*Strike It Rich* bill in House hopper. Now in final draft, measure would be aimed at clamping Federal controls over solicitation of funds over radio and tv [B•T, Feb. 22].

#### \* \* \* <sup>`</sup>

MINNESOTA Mining & Mfg. Co., St. Paul (Scotch brand tape), planning to announce in next two months new 7-inch reel development designed for radio-tv station use. Magnetic tape reportedly would increase amount of sound on reel and is not to be confused with tapes made for home consumer use unveiled by Webster-Chicago at Chicago Home Furnishings Show last January.

#### \* \* \*

LONG-DELAYED FCC action on problem of daytime station hours is believed near, with sessions planned this week by FCC. Informed guess is that Commission will call hearing, with daytimers prepared to battle for year-round 5 a.m.-7 p.m. opening and closing schedule. Extra dinnertime hours in winter would solve many of their financial headaches, daytime operators contend. Also on this week's agenda: Comr. Webster's plan on fm specialized services.

#### \* \* \*

THERE'S no response to queries, but word is out that Richard Eaton's World News Service, headquartered in Washington, is working on daily network for delayed major league baseball. World, it's understood, will control 4<sup>1</sup>/<sub>2</sub> innings, leaving rest of game to stations for local' sponsorship.

## \* \* \*

FCC SHOWING increasing concern over economic plight of some uhf stations in vhf markets. Complaint is that even where advertisers have demanded uhf clearance, vhf stations have refused to yield programs under their network affiliations. FCC staff already has investigated Pittsburgh situation and two men were in Norfolk last week.  $\star \star \star$ 

AS OF FRIDAY, papers still had not been completed for \$2.5 million purchase of WHBQ-AM-TV Memphis by General Teleradio, but verbal agreement to buy was still good, providing suitable terms can be agreed to. Tax questions are one reason for delay.

## \* \* \*

FAST-APPROACHING is House Appropriations Committee decision on how much money it thinks FCC should get for fiscal year starting this July 1. Watch for announcement which should be forthcoming as early as this week.

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#### GOVERNMENT

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Sen. Johnson charges baseball broadcasts would promote beer monopoly. Page 48.

Senate communications subcommittee launches study of radio-tv regulation. *Page 51*.

#### **FEATURES**

Experts who have worked with it most say color tv production will be no more difficult and not much costlier than black-and-white. *Page 59.* 

#### PROGRAM SERVICES

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#### MANUFACTURING

All-time record revenue of \$853 million reported by RCA for 1953, with \$176 million coming from NBC. *Page 68*.

#### PERSONNEL RELATIONS

Networks agree to five-year contracts with American Federation of Musicians. Page 78.

## FOR THE RECORD

U. S. television set ownership by counties, compiled by Nielsen for CBS. Page 87.

Weekly TELESTATUS summary of all operating tv stations and their estimates of tv sets plus commencement target dates of all tv grantees. *Page 103*.

# a whale of a buy

# WILMINGTON, DELAWARE

CHANNEL

The first television station in the first state is first on the lists of leading national and local advertisers. Viewers throughout the WDEL-TV large, rich market—Delaware, parts of Pennsylvania, New Jersey and Maryland—are a loyal, growing, buying audience. Reach this responsive audience through WDEL-TV. It's a whale of a buy. Fifth Year in the Public Service

> New York Chicago

Los Angeles San Francisco

**NBC** 

TV-Affiliate

Represented by

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# at deadline

# AFM-WOR Negotiations Threaten to Break Down

LABOR dispute threatened to erupt Saturday midnight at WOR-AM-TV New York as Local 802 American Federation of Musicians prepared to organize picket-line, claiming stations were "locking out" staff musicians. Stations' officials declared "lockout" was not

Stations' officials declared "lockout" was not applicable term because contract with local was to expire Saturday midnight and parties had not been able to agree to terms during negotiations last week (see story page 78). Counsel for Local 802 replied that "lockout" was to begin at midnight because station representatives told union negotiators they would not consent to maintaining staff musicians under any circumstances. He said, therefore, "mass discharges," or "a lockout," had been instituted.

Spokesman for WOR-AM-TV confirmed that management had rejected local's demands on staff musicians. He said stations wanted to hire musicians "as needed," claiming that stations could not use 40 staff musicians that have been working for stations up to present. He said Friday that stations were "willing to negotiate."

Both factions agreed that Local 802 had asked for quota of staff musicians at WOR-AM-TV to be raised to 52 and for 15% wage increase. Local also has been negotiating with DuMont's WABD (TV) New York but talks there are scheduled to continue this week.

# Harris Named to Head CBS-TV Film Sales

LESLIE HARRIS, vice president and partner in Bernard L. Schubert film production firm and also widely known in network-agencyadvertiser, circles, has

been named to new post of vice president , and general manager of CBS-TV Film Sales Inc., CBS - TV President J. L. Van Volkenburg is announcing t o d a y (Mon.) in statement that also discloses Film Sales unit has been incorporated as CBS-TV subsidiary. Fred J. Mahlstedt, opera-



MR. HARRIS

tions director, and Wilbur S. Edwards, general sales manager, will continue in their respective capacities in expanding organization.

"CBS-TV Film Sales Inc. is experiencing a rapid and healthy growth," Mr. Van Volkenburg said. "Because of this and other contemplated developments in our new subsidiary, we are delighted to have Leslie Harris join us."

Mr. Harris was director of television and radio for Colgate-Palmolive Co. 1951-53; before that, was with NBC Radio as national program director 1948-51. From 1943 to 1948 he was director of radio for Benton & Bowles, and from 1941 to 1943 was member of CBS Radio production staff. Before joining CBS, he was program director of WQAN Miami, announcer at WOR New York, WDBO Orlando.

# \$100 MILLION FREE

MORE than \$100 million worth of public service advertising was contributed by American business during 1953 to 18 campaigns conducted by Advertising Council, according to report released today (Mon.) to organization's board of directors by T. S. Repplier, president. Report said radio advertisers, networks and stations supported 17 major public service campaigns and 48 other causes. Support by television advertisers, advertising agencies and stations in 16 major public service campaigns and 18 other causes was noted in report.

# Mintz New CBS-Columbia President; Cogan Resigns

APPOINTMENT of Seymour Mintz, for past 10 years vice president of Admiral Corp., as president of CBS-Columbia, set manufacturing division of CBS Inc., is being announced today (Mon.) by Dr. Frank Stanton, CBS president. He succeeds David H. Cogan, who is resigning. This completes change-over in top executives who have directed the Hytron Radio & Electronics Corp. group since its acquisition by CBS in June 1951. Bruce and Lloyd Coffin, founders of Hytron and respectively president and treasurer of CBS-Hytron since merger with CBS, resigned from active direction of company early last month [B•T, Feb. 8]. The Coffins and Mr. Cogan, who was president of Air Kings Products Corp., Hytron subsidiary, since known as CBS-Columbia, were signed to three-year contracts at time of merger.

Mr. Mintz was with Montgomery-Ward & Co. prior to his association with Admiral.

# Ten Advertisers Buy 228 Participations on 'Home'

TEN ADVERTISERS have ordered total of 228 participations, representing almost \$1.5 million in gross billings, in NBC-TV's new *Home* show, which starts today (Mon.-Fri., 11 a.m. to noon EST), George H. Frey, NBC vice president in charge of tv network sales, reported Friday. He described it as largest advance sponsor lineup of any participation show in broadcasting history. (By comparison, it was noted, NBC-TV's two-hour early-morning *Today* participation show started with one client whose orders represented about \$2,800 in gross revenues.) Advertisers signed thus far for *Home* were listed as:

as: Aluminum Co. of America, 65 participations, effective this week, through Fuller & Smith & Ross; Sunbeam Corp., Chicago, 52, effective this week, through Perrin-Paus Co.; Pepperell Mfg. Co., 39 in May, August, and January, through Benton & Bowles; General Mills, Minneapolis, 13 starting in June, through BBDO; Helena Rubenstein Inc., 4, through Hewitt, Ogilvy, Benson & Mather; James Lees & Son, Bridgeport, Pa., 13, starting this week through D'Arcy Adv.; American Greeting Card Co., Cleveland, 13, through Fuller & Smith & Ross; Avoset Corp. of Los Angeles, 10, starting this week, through Fletcher D. Richards Inc.; Dow Corning Corp., Midland, Mich., 6, starting this week, through Anderson & Cairns, and "a leading manufacturer of major kitchen appliances" whose name "cannot be made public at this time," 13, starting this week.

# BUSINESS BRIEFLY

SWANSDOWN SATURATION • General Foods (Swansdown mix), N. Y., planning saturation radio spot announcement campaign in 50 markets, mostly big cities, to be launched March 1. Young & Rubicam, N. Y., is agency.

FORTY RURAL MARKETS • General Foods (Bliss coffee), N. Y., understood contemplating 13-week radio schedule using daytime minutes and chain breaks in about 40 rural markets. If approved, campaign will start early in March, through Benton & Bowles, N. Y.

RADIO-ONLY SPOTS • Instant Maxwell House Coffee, N. Y., through Benton & Bowles, N. Y., planning radio-only spot announcement campaign in about 25 markets starting March 8. Contract is for four weeks.

MY-T-FINE DESSERTS • Penick & Ford (My-T-Fine desserts), N. Y., through BBDO, N. Y., breaking tv spot announcement campaign March 8 for 13 weeks in 50 markets.

CAMELS ON MUTUAL • R. J. Reynolds Tobacco Co. (Camel cigarettes), Winston-Salem, again this year will sponsor five-minute Camel Scoreboard on Mutual immediately following network's baseball Game of the Day, seven days a week. Agency: William Esty Co., N. Y.

EQUITABLE NAMES K&E • Equitable Life Assurance Society of U. S., N. Y., appoints Kenyon & Eckhardt, N. Y., to handle advertising, effective immediately. Media plans as yet undetermined.

APPOINT AGENCY • St. Charles Custom Kitchen distributors and Chicago Area Dealer Assn. appoint Schoenfeld, Huber & Green to handle advertising. Radio and television will be used.

PATCHING PLASTER ON TV • Rutland Fireclay Co. (patching plaster), Rutland, Va., is expected to launch television spot announcement campaign in eight markets on April 1 for four weeks, through Charles Hoyt Co., N. Y.

# Tv Producers Sign Modified 2-Year Contracts With AFM

LARGE NUMBER of producers have signed new two-year contract with American Federation of Musicians and Music Performance Trust Fund covering spot announcements and jingles for television, it was announced Friday by James C. Petrillo, AFM president. New agreement provides that musicians shall receive \$27 per man for one-hour session during which three spot announcements of one minute or less may be recorded, with leaders or single musicians receiving double. Agreement on trust fund calls for flat \$100 minimum pay for each tv spot. AFM spokesman said it permits unlimited use of spot announcement for any time in future and for as many stations as desired, in contrast to old contract which specified use for two years only. New pact also gives original signatory right to transfer title of spot or jingle to third party, such as agency, firm or individual, without latter guaranteeing payments, as was necessary in past, provided original \$100 fee has been paid.



by THE KATZ AGENCY



# at deadline

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# **Daytime Station Group** Asks Dismissal of Proceeding

FCC should drop six-year-old daytime skywave proceeding or require clear-channel stations to be so located that good, efficient use is made of their frequencies, Daytime Broadcasters Assn. and WSIV Pekin, Ill., contended Friday in petition filed with Commission.

Number of daytime stations has increased from 60 in 1947 to over 700, according to petition filed by Harry J. Daly, attorney for DBA. This represents increase of over 1,000%. Petition noted that radio programming and listening habits have undergone vast change since 1947 and emphasized need for such local programming as school, highway, industry work schedules, weather and similar material provided only by local stations.

Commission should allow more time rather than reduce daytime service, it was argued. Clear channels are not located to provide nationwide service, with severe waste of signals prevalent, according to petition. Daytime stations now represent over 25% of all am outlets. In separate petition Mr. Daly asked right to take part in proceedings on behalf of DBA, of which Kenneth Patterson, WSIV Pekin, is president, and Ray Livesay, WLBH Mattoon, Ill., secretary-treasurer.

#### Refuse Request for WTIC Books

Refuse Request for WTIC Books EFFORT of Hartford Telecasting Co. in Hartford vhf ch. 3 contest to secure minute books of WTIC Hartford from 1928 to date has been stopped by Examiner Fanney. N. Litvin as "fishing expedi-tion." FCC Friday announced Mrs. Litvin quashed subpoena for appearance of WTIC Sec-retary Carroll P. Osgood with minutes. Further hearing is set Tuesday. Fending before Com-mission is appeal by Hartford Telecasting for permission to take depositions of officers and di-rectors of Travelers Insurance Co., parent firm owning WTIC.

#### Big Spring Contest Reduced to Two

BIG SPRING, Tex., vhf ch. 4 contest reduced to two competitors Friday as Big State Telecasting Co. dismissed. Pending are KBST and KDUB-TV Lubbock.

#### Briefing Conference on FCC Procedures

BRIEFING conference on FCC procedures, licens-BRIEFING conference on FCC procedures, licens-ing and regulatory practices, one of series on government-industry relations, scheduled March 29-30 under sponsorship of Bureau of National Affairs and Federal Bar Assn. Lectures by FCC personnel, question-answer seminars planned. Fee: \$50.

# SAG Signs With Film Firms

SCREEN ACTORS Guild announced Friday it has signed contracts covering actors in tv filmed commercials with Don Flagg Productions, John Wolfe & Co., Leo Diner Films, Motion Picture Service Co., Moulin Studios, Snazelle Productions and Sound Recorders Inc., all in San Francisco, and with Cinecraft Productions and Productions on Film Inc. in Cleveland. Previously SAG had signed similar pacts with producers in New York, Chicago and Los Angeles.

# Ford Takes Mardi Gras Show

FORD Div. (Ford Motor Co.) has signed to sponsor NBC-TV coverage of Mardi Gras in New Orleans tomorrow (Tues.) Three pickups slated: 11:45 a.m. to 12:30 p.m. EST; 9:30-10 p.m., and midnight to 12:30 a.m. Agency: J. Walter Thompson Co., N. Y.

# WORKSHOP CONTINUES

**RECURRENT** speculation that Ford Foundation might abandon its Tv-Radio Workshop was knocked down Friday by Foundation President H. Rowan Gaither Jr. in statement saying Foundation has made "a general appropriation" Workshop activities for 1954-55. for He said announcement of program plans for next season would be made by Robert Saudek, director of Workshop, as plans are completed. Amount of appropriation not disclosed.

# Last of Four Tv Permits Held By Rudman Deleted

LAST of four ty permits held by oilman M. B. Rudman, for vhf ch. 8 KRHT (TV) Billings, Mont., in co-ownership with Albert Hayutin, was deleted by FCC Friday for failure to answer inquiry as to construction progress. Commission last fall deleted Mr. Rudman's permit for uhf ch. 41 at Galveston for failure to prosecute while he surrendered permits for ch. 10 at Minot and ch. 12 at Bismarck, N. D., on economic grounds. KOOK-TV Billings is operating on ch. 2.

Two other tv permits were deleted by FCC Friday at request of stations: KVIE (TV) San Jose, Calif., uhf ch. 48, held by John A. Vietor Jr., and KHTV (TV) Baton Rouge, La., uhf ch. 40, owned by Capital Tv & Bcstg. Co.

# **RETMA Radiation Group**

SPECIAL committee to handle problem of spurious tv receiver radiation named by Robert C. Sprague, board chairman of Radio-Electronics-Tv Mfrs. Assn. Group meets Wednesday at Roosevelt Hotel, New York. It is authorized to develop industry program for voluntary suppression of spurious radiation, to be presented for FCC approval before becoming operative. Dr. W. R. G. Baker, General Electric Co., is chairman of committee.

# NBC-TV Boosts WSB-TV Rate

NBC-TV has increased Class A hourly rate for WSB-TV Atlanta from \$850 to \$950 effective today (Mon.).

# UPCOMING

- March 1: Uhf promotion conference for industry-government, co-sponsored by National Citizens Committee for Educational Ty and Joint Committee on Educational Tv, Hotel Statler, Washington.
- March 2: FCC meets in closed session with Senate Interstate & Foreign Commerce communications subcommittee, U. S. Capitol.
- March 5-7: High Fidelity Fair, Hotel Harrington, Washington.
- March 5-7: National Federation of Advertising Agencies, Hotel Statler, Los Angeles.

For other Upcomings see page 109.

# PEOPLE

EDMOND L. EGER, vice president, Russel M. Seeds Co., and previously head of own agency, Cruttenden & Eger, appointed vice president for advertising at Admiral Corp., Chicago. He succeeds Seymour Mintz, resigned (story page 7).

HAROLD EUGENE HILL, supervisor of educational programs at U. of Illinois' WILL, to newly created post of association director of National Assn. of Educational Bestrs. Ap-pointment to be announced today (Mon.) by Graydon Ausmus, NAEB president. New post made possible by grant from W. K. Kellogg Foundation.

CLAIR R. McCOLLOUGH, Steinman stations, will discuss outlook for radio and television at dinner of Broadcasting and Film Commission of National Council of Churches of Christ in the U.S.A. to be held in New York tomorrow (Tues.) following Commission's annual business meeting.

THEODORE C. STREIBERT, director of U.S. Information Agency, was to report to President Eisenhower Saturday on first six months in office.

RICHARD H. MOULTON, former director of market research for General Foods Corp., N. Y., joins Hermon W. Stevens Agency Inc., Boston, today (Mon.) as vice president and marketing director.

BURT NEUBURGER, account executive, Kling Studios Inc., Chicago, appointed national sales director for motion picture-tv operations.

MRS. CASEY ISAACS HERRICK, formerly of Hirshon-Garfield, N. Y., to Lewin, Williams & Saylor, N. Y., as account executive, working with Sidney Matthew Weiss, executive vice president.

# SWG Opens Inquiry Into Below-Scale Deals

PROBE of below-scale deals and other "borderline practices" has been started by Screen Writers Guild. Confidential letter sent members by Frances Inglis, SWG executive secretary, stresses Guild is not trying to catch criminals but to educate those violating rules. Tv film writers urged to report below-scale offers so they can be cleared through tv producers' cooperative committee.

SWG board has adopted two enforcement rules calling for automatic fines for members failing to file contract within two weeks of signing and providing fines for working for producers on SWG's unfair list.

# Fulton Lewis jr. Indicted

ST. MARY'S County (Md.) grand jury indicted Fulton Lewis jr., MBS commentator, Friday on charges of libeling several county officials. Exact grounds not disclosed. Mr. Lewis has charged in series of broadcasts that county tavern keepers sell liquor to minors and that politician-controlled slot machines are placed near schools. Grand jury also recommended that law be enacted setting minimum age for slot-machine players and that liquor sales regulations be more strictly enforced.

# Wilfred S. Roberts Funeral

FUNERAL services for Wilfred S. Roberts, 47, television producer and director of Benton & Bowles, N. Y., were to be held in Larchmont, N. Y., last Saturday. Mr. Roberts died Wednesday in New York following brief illness.



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# **BROADCASTING**\* TELECASTING

THE NEWSWEEKLY OF RADIO AND TELEVISION Published Every Monday by Broadcasting Publications Inc.

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Toronto: 32 Colin Ave., Hudson 9-2694. James Montagnes.

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BROADCASTING<sup>®</sup> Magazine was founded in 1931 by Broadcasting Publications Inc., using the title: BROADCASTING<sup>®</sup>—The News Magazine of the Fifth Estate. Broadcast Advertising<sup>®</sup> was acquired in 1932, Broadcast Reporter in 1933 and Telecast<sup>\*</sup>, in 1953.

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Three of the southeast's major paper, pulp and paper container producers, employing over 3,450 people, and with a combined annual payroll in excess of \$11,000,000 . . . are located in the Jacksonville area.

> Photographs courtesy of: a. Hudson Pulp and Paper Co. b. St. Regis Paper Company c. National Container Corp.

# JACKSONVILLE

FLORIDA...

Paper Product Center of the Southeast!

# **WMBR** AM·FM·TV

Represented by CBS Radio and Television Spot Sales

... WMBR is Jacksonville's most-listened-to radio station ... and WMBR-TV is Florida's most powerful television station!

Source: Latest Pulse Reports



# 

## Do you require "single-direction" coverage?

If so, RCA has UHF Pylons that can produce horizontal field patterns shaped like a Cardioid. Figure 1 shows the calculated pattern, and a measured model pattern, of a "Cardioid directional" Pylon. Operating frequency, 532 Mc.

# Do you require "elongated" coverage?

If so, RCA has UHF Pylons that produce a horizontal field pattern shaped like a peanut. Figure 2 shows the calculated pattern, and a measured model pattern, of this type of directional Pylon antenna.

# Do you require "circular" coverage?

If so, RCA has a wide selection of UHF Pylons that produce equal signals in all directions.

# Do you want BETTER overall coverage lower signal losses?

All RCA UHF Pylons (directional and circular patterns) have built-in "Beam Tilt." Easily adjusted at your station by moving the inner conductor of the antenna up and down, this feature assures best possible coverage, with minimum power loss in vertically polarized radiation.

## Do you need BETTER "close-in" coverage?

New, advanced null fill-in system, used in conjunction with beam-tilting, offers excellent close-in coverage—even for the "difficult" sites. Figure 4 is a typical measured vertical field pattern of an RCA UHF Pylon. Figure 3 is a nearly ideal field-distance curveproduced by a "contour-engineered" UHF Pylon (actual record of a-commercial TV station now "ON-AIR").

## How much UHF gain do you need?

RCA UHF Pylons (standard circulars and directionals) can be furnished with gains in the order of 3, 6, 9, 12, 21, 24 and 27 (see table). No tuning compromises in RCA UHF Pylons-with resultant loss of gain (such as caused by cross-polarized components). The gain that's published is the gain you get!

# RCA UHF Pyion design is simplicity—plus! Just one feedpoint for the line input

You find no protruding elements on RCA UHF Pylons. The smooth surface of the metal cylinder is the antenna itself. No physical connections on the antenna. Nothing to bend or break under ice or wind load. Signal loss in rain or heavy icing is negligible.







# where the population is

-Use an RCA "contour-engineered" **UHF Pylon Antenna** 

# Power input ratings up to 50 KW.

| Type                  | No. of   | Gain in   | Power   |   | 'ower<br>ng**   |
|-----------------------|--|---|---|---|---|
| .,,,,                 | Sections   | Db  | Gain  | KW  | DBK   |
| TFU-24C*              | 16   | 13.8  | 24  | 50.0  | 17.0  |
| TFU-21DL              | 14   | 13.22   | 21  | 10.0  | 10.0  |
| TFU-24DL              | 16   | 13.8  | 24  | 10.0  | 10.0  |
| TFU-24DM              | 16   | 13.8  | 24  | 10.0  | 10.0  |
| TFU-27DH              | 18   | 14.31   | 27  | 10.0  | 10.0  |
| TFU-21DAL<br>(Custom) | \  | Direction   | nal Types:  | Horizonta   | I patter  |
| TFU-24DAL<br>(Custom) | 1 1  |   |   |   |   |
| TFU-24DAM<br>(Custom) | 16   |   |   |   |   |
| TFU-27DAH<br>(Custom) | 18   |   |   |   |   |
|                       | TFU-21DL<br>TFU-24DL<br>TFU-24DM<br>TFU-27DH<br>TFU-27DAL<br>(Custom)<br>TFU-24DAL<br>(Custom)<br>TFU-24DAM<br>(Custom)<br>TFU-24DAM | FU-24C*      Sections        TFU-21DL      14        TFU-21DL      16        TFU-24DM      16        TFU-27DH      18        TFU-21DAL      14        (Custom)      16        (Custom)      16        (Custom)      16        TFU-24DAL      16        (Custom)      16        TFU-24DAL      16        (Custom)      16        TFU-24DAL      18 | TFU-24C*      Sections      Db        TFU-24DL      16      13.8        TFU-21DL      14      13.22        TFU-24DL      16      13.8        TFU-24DL      16      13.8        TFU-24DM      16      13.8        TFU-21DAL      14      13.8        TFU-24DAL      16      16.8        (Custom)      Direction      shapes, i        TFU-24DAL      16      shapes, i        (Custom)      16      ideredian        TFU-24DAH      16      ideredian        TFU-24DAH      16      ideredian        TFU-24DAH      16      ideredian        (Custom)      16      ideredian        TFU-24DAH      16      ideredian        ICustom)      16      ideredian        If U-24DAH      16      ideredian        If U-24DAH      16      ideredian        If U-24DAH      18      ideredian | Sections      Db      Gain        TFU-24C*      16      13.8      24        TFU-21DL      14      13.22      21        TFU-24DL      16      13.8      24        TFU-24DM      16      13.8      24        TFU-24DM      16      13.8      24        TFU-27DH      18      14.31      27        TFU-21DAL      14      (Custom)      Directional Types:<br>shapes; RMS and ma<br>depend on channel<br>null fill-in feature<br>(Custom)        TFU-24DAL      16      Ill-in feature<br>and specifications        TFU-27DAH      18      aready and the specifications | Type      No. of<br>Sections      Gain in<br>Db      Power<br>Gain      Rati<br>KW        TFU-24C*      16      13.8      24      50.0        TFU-21DL      14      13.22      21      10.0        TFU-24DL      16      13.8      24      10.0        TFU-24DM      16      13.8      24      10.0        TFU-24DAL      16      16      13.8      27      10.0        TFU-24DAL      14      Usetsional      Types: Horizonta      shapes, RMS and maximum po        (Custom)      16      null fill-in features are incl      greend on channel. Beam-ti      null fill-in features are incl        (Custom)      18      18      and specificational antennas are subil      and specificational antennas are subil |

Select the RCA UHF Pylon to meet your requirements

Preliminary data.
 Power ratings given are maximum visual power to input of antenna and assume aural carrier of one-half peak of visual sync.-rating. For other values of aural carrier the total average power is 1.1 X TV power rating listed above.

No picture deterioration with an RCA-UHF Pylon-Transmitter Combination, even when the antenna is covered with four inches of ice.

RCA-UHF Pylons are shipped complete in one unit-"custom-tuned" for your frequency at the RCA factory-and tested by the most modern methods known to the television industry. You can put up a Pylon, connect the line, and throw the switch. Tuning is not required at your station!

#### 4 NEW BOOKS ON UHF

- 12-page brochure on RCA-UHF
  12-page brochure on RCA-UHF
  TV Pylon Antennas
  TV Waveguides
- 12-page brochure on RCA's 12.5 Kw UHF Transmitter
- 28-page brochure on RCA-UHF Transmission lines and fittings

Ask your RCA Broadcast Sales Representative for copies.

## **RCA** supplies specially matched **UHF transmission lines**

No UHF antenna functions properly unless your transmission line matches your antenna closely. RCA-designed line, not available anywhere else, has measured performance (VSWR) that is better than 1.05 to 1.0.

#### RCA UHF TV Waveguide **RCA supplies complete UHF accessories**



Only when everything in your transmitting system is matchedfrom transmitter to antenna-can you be sure of maximum performance. In this respect, RCA can

supply each and every accessory required to complete a UHF antenna installation, including the tower, mitered elbows, line transformers, spring hangers, dummy loads, wattmeters, frequency and modulation monitors, filterplexers, and hardware-down to the very last bolt. Everything is designed specifically to work with the UHF Pylon. And remember, everything is available from ONE responsible equipment manufacturer-RCA!

For planning help, call your RCA Broadcast Sales Representative.





RADIO CORPORATION of AMERICA ENGINEERING PRODUCTS DEPARTMENT CAMDEN, N.J.



In the

Nation's 31st Retail Market ALBANY SCHENECTADY TROY

New York State's Billion Dollar Market

# WTRI CAPTURES The Audience!

# PROGRAMMING

Star studded line-up of top rated CBS network shows!

# POWER

Highest powered UHF station in area with 368 kw at the maximum!

# COVERAGE

Direct Line-of-Sight contact trom tower to entire area.



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# - IN REVIEW ·

# BREAKFAST CLUB

Network: ABC and ABC-TV (simuleast) Time: Mon.-Fri. 8-9 a.m. CST (2/22/54) Sponsors & Agencies: (Radio) Quaker Oats Co. (Sherman-Marquette Inc.), 8-8:15; Swift & Co. (J. Walter Thompson Co., McCann-Erickson Inc.), 8:15-45; Philco Corp. (Hutchins Adv. Co.), 8:45-9; (Television): Sustaining

Star: Don McNeill and cast including Sam Cowling, Johnny Desmond, Eileen Parker, Fran Allison, Eddie Ballantine and orchestra

- and orcnestra Producer: Cliff Petersen Directors: Cliff Petersen (radio), Lynwood King (television)
- Radio Technical Supervisor: Harry Schumacher

Tv Technical Director: Charles DeJanovich Writer: Eddie McKean

ONE on radio's most enduring institutions, Don McNeill's *Breakfast Club*, took to tv last Monday as a steady diet and the fare was palatable if not precisely a tv gourmet's delight.

In the first of a series of daily simulcasts, for which ABC hopes to entice tv advertisers, Mr. McNeill and cast ran the usual gamut of gimmicks that have made the early-morning stanza a radio habit. Whether it will so become tv-wise is another matter.

Technically, the performance was good, an achievement in itself in view of the fact that it was the first program and involved complex cut-in problems with the commercials, tapes of which were used for the radio portion. The camera work was effective.

The radio version of *Breakfast Club* has been an unqualified success through the years and its sponsors have stuck with it. Last Monday's transcribed radio commercials were cut in at the opening and closing of the quarter hours. Yet, despite the use of talent pitches, they could not have been expected to enjoy an integration with live program content which has been Mr. McNeill's forte and the basis of the radio advertisers' success.

As a consequence, and because it seemed like just another tv show, the *Breakfast Club* simulcast conceivably could result in a commercial as well as viewer disappointment unless a more suitable approach is found.

\* \* \*

ON YOUR ACCOUNT Network: NBC-TV Time: Mon.-Frl., 4:30 p.m. Star: Win Elliot Producer: Bob Quigley Director: Larry White of Benton & Bowles Announcer: Bob Warren Writer: Adrian Spies Sponsor: Procter & Gamble

A TRUTH-is-sadder, than-fiction series titled On Your Account, replete with long faces, generally pathetic stories and some mood organ music has been dampening the air via NBC-TV for the last nine months. It is a Monday through Friday half-hour afternoon series starring Win Elliot in the role of the kind benefactor who brings to the viewing public the problems and difficulties of anyone foolish enough to get mixed up in such a patronizing exploitation.

In format On Your Account is not unlike Strike It Rich, which has been weeping its way through a long and successful career on CBS-TV and NBC Radio. People in search of financial assistance either for themselves or for what they consider a worthy cause are invited to submit their tales of woe to NBC-TV. Three "contestants" are seen on the show each day. Mr. Elliot, in a wonderfully paternal and sympathetic fashion, helps each tell his story. Then there is a small quiz which enables the "contestant" to win some cash apparently on the assumption that money is the item that can solve any problem.

On Your Account has a deep fascination for the brotherhood of man, too. The value of "friendship," in case the viewer isn't aware of it already, is given a firm plug at the end of each show when the "contestants" are asked to vote among themselves to decide on the winner on a special \$100 prize. Their hearts are usually in the right place and the teller of the saddest story takes all. In addition to their monetary gains, Procter & Gamble sees to it that its guests leave the studio with a large economy-size box of Tide soap powder.

When Strike It Rich was reviewed in this column mention was made that its sponsor might dream up a better way to spend its money. The same can be said of On Your Account and Procter & Gamble.



A QUIZ show varying in format somewhat from more standard programs of this type is *l've Got a Secret*, televised Wednesday nights on CBS-TV. In this case there is little evidence that a strain has been made to invent a new twist or gimmick to set *l've Got a Secret* apart from its tv ancestors and contemporaries. Because it's pretty simple and direct in both content and production it's better than most panel shows now on the air which wander far off the beaten path in hopes of proving they're a bit different.

The title explains the program. A panel of four celebrities appears on the show each week along with several participants who have secrets of an amusing sort which the panel must guess. Gary Moore, permanent moderator on the show, keeps things moving at a usually good pace. Now and then he slips up, as he did on the Feb. 24 telecast, allowing questions and answers to drag out to a point where the whole business gets rather monotonous.

To give the program a little variety, *I've Got* a Secret sometimes does a portion of the telecast outside the studio. Last week Mr. Moore left CBS-TV to join a gentleman outside the studio whose secret was that he'd been sitting on top of a flagpole for 62 days. Productionwise, this segment was well handled with a camera picking up Mr. Moore on location and another in the studio to give viewers shots of the panel.

One "name" contestant is featured every week. Last Wednesday, comedian Phil Silvers stimulated a few laughs as guest on the show.

On the panel, Henry Morgan is the strongest member from an entertainment standpoint. Mr. Morgan seems to have cooled down a bit since the days a few years ago when he was spoofing sponsors on a regular radio program. But his dry wit is still an asset to *I've Got a Secret*.

# Day and Night The Southwest listens to WOAI!



The ONLY full-time 50,000 watt station covering the Southwest from San Antonio is WOAI. With a weekly audience of 377.817 families in the daytime . . . 633.677 at night (SAMS) . . . no other San Antonio station even approaches WOAI's clear channel coverage. Always be sure WOAI of Texas is on your advertising list. It's the only way to cover the Southwest so well . . . day and night.



"The most powerful advertising influence in the great Southwest"

1200 on every dial 50.000 watts clear channel San Antonio, Texas NBC affiliate represented by Edward Petry & Co., Inc.

# Hitchhike on Hitchhikes EDITOR:

Was more pleased than usual to get  $B \bullet T$ this week, as I'm in the hospital with flu, and your magazine patched up one of my otherwise uncomfortable hours.

For some time now, the newer and smaller am stations have been criticized for "double spotting." I have had occasion to view four highly successful tv operations, and all are guilty of what amounts to "quadruple spotting." I have no objection this ... I find most tv spots entertaining.

Mr. [Ben] Duffy, [president] of BBDO, the world's largest timebuyer, disagrees with me, the world's smallest recipient of national advertising [B•T, Feb. 22]... And may I sign off with one brief hitchhiker, "An entertaining spot never hurt nobody."

> W. J. Page, Gen. Mgr. WABZ Albemarle, N. C.

# Program Listings

#### EDITOR:

I can't agree with Mr. [George] Biggers [president] of ANPA [and of Atlanta Newspapers Inc.] when he states that, "radio and tv people think it is splendid that newspapers carry the news of their program, but don't believe in using their own mediums to 'crosspromote'" [ $B \bullet T$ , Feb. 15].

We firmly believe in cross-promotion, and have made the offer to leading newspapers in our area. For instance, the *Davenport Dem*ocrat (Davenport, Iowa) has worked nicely with us in a number of instances. When they have special or feature stories on individuals in our market area, we have mentioned this fact on newscasts and other programs. In turn, they have given us feature coverage. . . The same idea has also been carried out within our two sports departments. . .

> George J. Volger, Manager KWPC Muscatine, Iowa

#### EDITOR:

I am completely flabbergasted by the prominence given in BROADCASTING • TELECASTING to the magnanimous utterances of the great George Biggers on the subject of radio program listings in newspapers, when Mr. Biggers' vicious newspaper monopoly in Atlanta categorically denies a listing to six Atlanta-area stations, three of them in Atlanta proper, while printing a listing for four network-affiliates, one of which just happens to belong to his newspaper....

And then BROADCASTING  $\bullet$  TELECASTING has the unmitigated gall to editorially describe his vilification of every independent station in the country as "enlightened."

> Robert N. Pinkerton, Pres. WBGE Atlanta

[EDITOR'S NOTE: Neither Mr. Biggers' speech nor B.T. vijfied the independent. B'T's editorial pertained to the general tenor of Mr. Biggers' speech which advocated, in broad terms, that newspapers cooperate with radio and television.]

Claimed Injustice

EDITOR:

In the Feb. 22 issue of BROADCASTING • TELE-CASTING under "At Deadline" in reference to WLAP-TV suspension of building, the magazine quotes Mr. Gilmore N. Nunn, president, as saying: "Lexington has few uhf sets, gets some intermittent vhf signals from Cincinnati and Louisville."

This statement is really an injustice to WAVE-TV as we have been putting a clear, consistent television signal into Lexington since our channel change (to ch. 3) with doubled antenna height and increased power (100 kw) ... Charles W. Hill Promotion Manager

WAVE-AM-TV Louisville

## Managerial Trappings EDITOR:

... I am sending you a picture, not especially for release, but thought you would be interested in the fact that a station manager really has headaches and needs headache pills. I think you will like this picture especially since you can see from the literature on my desk that **B**•T plays an important part in every radio



man's life. You truly have the magazine that tells the story and gives the history of radio week by week.

Jack Shefrin, General Manager WRNY Rochester, N.Y.

# Claim Staked

I note the senior senator from Colorado [Edwin C. Johnson] on Feb. 8 wrote the chairman of the FCC. The letter contains a bit of learning, "The radio spectrum is one of the most valuable assets which the people of the United States own."

I wonder how much longer this will be going on.

So strange a concept leads to all sorts of confusion. . . The philosophy goes something like this: The electromagnetic wave system, to the extent we know it, begins with cosmic rays, goes on through gamma rays, x-rays and ultra-violet rays and passes through the color spectrum to infra-red, thence to heat waves and into the radio spectrum.

As I understand the philosophy, the Congress of the United States [in February of 1927] passed a law taking one end of the electromagnetic spectrum into physical possession ... wrapped radio frequencies into a neat parcel and turned them over to the Federal Radio Commission. ...

Whether or not cosmic rays, gamma rays and x-rays have been turned over to the Atomic Energy Commission I do not pretend to know.

I should like to indicate my own intention to preempt the key of B flat in the audible spectrum and I don't want anyone interfering with it.

Paul M. Segal Segal, Smith & Hennessey Washington, D. C.

the tierney

5000

on 580

wchs

charleston west virginia

cbs

BROADCASTING . TELECASTING

# The Sound and the Jury

On WNAX-570, the sound of a beautiful voice—or an effective commercial—reaches a potential jury of at least 202,000 families,

One reason: favorable frequency. At 570 kc our 5000 watts projects a half millivolt 240 miles. (At 1030 kc 132,000 watts would be needed; at 1330, 778,000 watts.) Transmission from one of the

> WNAX-570, a Cowles Station, is under the same management as KVIV-Channel 9, Sioux City, the tv station reaching 31 farm-rich counties in Iowa, Nebr. and S. Dak. with 550,500 population, \$653 million in '52 retail sales.

.5 1.7.50

the.

world's tallest AM towers (927') over land noted for soil conductivity (also fertility: our 5-state coverage area yields annual farm income of \$6 billion), guarantees a favorable reception for your sales message.

Verdict (Diary Study 5): 10 to 1 in favor of WNAX-570, over the second station in the area; top rating in  $486\frac{1}{2}$  (97.3%) of the 500 quarter-hour segments surveyed.



In Los Angeles Owls are wonderful people-they eat well, dress well and enjoy the niceties of good living. Late each night 475,000 of them watch television (15.0 average tune-in Pulse Oct. through Jan.) To sell this late audience plus some early birds, check the KNBH "Bonus Plan"! KNBH-4 Hollywood • NBC Spot Sales

# our respects

to WILLIAM JOHN BEATON

DESPITE a tremendous respect for television, William John Beaton, general manager of independent KWKW-AM-FM Pasadena, Calif., has untold confidence in radio's future. He firmly believes it will continue to be the greatest mass means of communication, with the independent am station playing an even greater part in community life and progress.

"Radio is still a growing medium, with unlimited opportunities," he says, adding that his future is completely contained in radio.

Active in newspaper promotion and advertising for many years before joining the broadcasting industry 18 years ago, genial Mr. Beaton got his first radio experience in 1927, when the *Cleveland Times* assigned him to conduct a daily financial report and weekly sports program on WEAR (now WTAM) that city.

Born in Cleveland Sept. 26, 1905, son of Mr. and Mrs. Ronald John Beaton, he was educated in the local public schools. Taking a short-cut commercial business course, he went to work in fall of 1921, at 15, for the Scripps-McRae League of Newspapers (later Scripps-Howard) as promotion department secretary and copywriter.

When the League moved headquarters to New York 18 months later, young Mr. Beaton shifted to the *Cleveland Press'* national promotion staff, writing copy and making surveys. Six months later the *Cleveland Times* added him to its circulation department. A year later he became classified advertising manager.

Taking a leave in July 1925 to visit his parents then living in Miami, he found the summer heat unbearable on a stop-over in Washington, D. C. Checking out of their hotel, he and his companions "camped out" that night at the foot of the Washington monument. They awakened the following morning to find themselves surrounded by an amused crowd. The embarrassed trio packed their duffle bags and slipped away just as the police arrived.

Short of money on reaching Laurel, Md., the enterprising Mr. Beaton took a job for the day at the auto race track hawking soft drinks. Profits for the day amounted to \$15.

Tending his father's real estate office during his absence, the 20-year-old youth on his second day in Miami sold three lots for a total of \$22,500, making a commission of \$1,125. From then on he was in the real estate business, "and living up to the money I made."

With the collapse of the Florida real estate boom in early 1926 he went to work for the *Miami Daily News* as country circulation manager. A delivery truck drivers' strike developed in 1927. Mr. Beaton, doing double duty, took over one of the trucks, but in making a shortcut, wrecked a gas station. With that he re-



signed from the newspaper. He returned to the *Cleveland Times* promotion department in the fall of 1927, and for the next five months also supervised a "prosperity" edition of the *Clarksburg*, (W. Va.) *Telegram*.

In the summer of 1928 he became field representative for the White Sewing Machine Co., and was sent to southern California several months later on a "quick" business trip. Mr. Beaton arrived in time to attend the 1929 California-vs.-Georgia Tech Rose Bowl game at Pasadena. Liking the warm climate, he resigned from the sewing machine company and shortly became Los Angeles Daily News promotion manager. Two years later he became a Los Angeles Examiner district circulation manager.

Meanwhile he met various southern California radio executives, and from their conversations Mr. Beaton felt the broadcasting industry offered greater opportunities than the field he was then in. He became an account executive of KMPC Hollywood (then Beverly Hills) in September 1936. During five of the eight years he was associated with that station he was rated its top account executive. His biggest sale, an 18-month contract placed through Walter Mc-Creery Adv., was to the Los Angeles Times for a five-minute newscast every hour on the hour.

Mr. Beaton became general manager of KWKW-AM-FM Pasadena in 1944 and in the first year under his operation business tripled. It has shown a steady increase since.

Emphasizing music, news and foreign language programming, Mr. Beaton maintains a policy of covering all major civic events. In the field of music KWKW is the only western station with a regularly scheduled weekly 60minute binaural broadcast.

Elected president of the California State Radio & Television Broadcasters Assn. in November 1953, he is also a three-times past president of the Southern California Broadcasters Assn. and currently is on its board of directors. Mr. Beaton is a member of the Pasadena Rotary Club and also is a director of the Catholic Press Council of Southern California.

He was married on Oct. 6, 1930, to the former Beatrice Smythe of Los Angeles. They live in the Los Feliz district there. Their five children include Tessie Ann Damon, 22, wife of James G. Damon, KNBH (TV) Hollywood director of operations; Fred, 20, a CPS Hollywood page; Roland, 18; Barbara, 16, and William John Jr., 5.

Mr. Beaton cautions members of his staff to be conservative rather than exuberant, but to retain their enthusiasm. He insists that they never misrepresent, nor knock a competitor; instead, he advises, emphasize the services of your own station.

Page 18 • March 1, 1954

BROADCASTING • TELECASTING

# ... WITH OUR COMPLIMENTS

**JULZ** A new edition (the 10th) of a ready-reference source book of valuable information concerning the American Railroads - their history, physical characteristics, traffic, operations and services. Presented in convenient question-and-answer form.

HIGHLIGHTS First edition of a compendium of significant events and incidents in railroad history — famous "firsts", identified as to time and place.

Iddities First edition. A collection of odd and interesting facts about the railroads ... presented in cartoon style. Somewhat on the lighter side of railroading down through the years.

ASSOCIATION OF AMERICAN RAILROADS BŤ 924 TRANSPORTATION BUILDING . WASHINGTON 6, D. C.

|   | Plea | 50 | 50   | nd | me  |  |
|---|------|----|------|----|-----|--|
| 6 | free | co | PY   | of | the |  |
|   | beek | et | i ch | ec | ked |  |

STATE

HIGHLIGHTS RAIL ODDITIES

| MY | NA | ME          | <br> | <br> | • |  |
|----|----|-------------|------|------|---|--|
| AD | RE | <b>S</b> S. |      | <br> |   |  |

CITY

COUPON

HIGHLIGHTS of AMERICAN

ODD and INTERESTING FACTS about the

RAILROADS

**USHORY** 



# "But is this one REALLY complete?"

If you want to be 100% "thorough" in covering Kentucky with radio, more power to you—and you'll need *plenty*!

On the other hand, if you want to reach 51.3% of the State's total purchasing power, at minimum cost, you can do it with just *one* station! 5000-watt WAVE delivers the big Louisville Trading Area intact—covers it, plus a quarter-billion dollar chunk of Southern Indiana, thoroughly, and without waste circulation. To get the remaining 48.7% of the State's income, you need *many* of Kentucky's 47 other radio stations.

Check NBC Spot Sales for full details!



NBC Spot Sales, Exclusive National Representatives



JOHN PAUL MARSICH

# on all accounts

JOHN PAUL MARSICH, chief timebuyer for Kudner Agency, New York, is one of the most expert buyers of network time in the business.

"John," one of his associates confided, "is about as nice as he is capable, and I think he's one of the most capable guys around."

Mr. Marsich's advertising career began at NBC in 1940. Prior to that he had attended Columbia and New York U., majoring in business administration. He supported himself through school by playing the trumpet at night in New York bands.

His first job at NBC was in the treasurer's department, from which he was transferred first to the research department and then to the television staff.

In 1943 he left the network for the wars. As a lieutenant in the Navy he commanded the LST *Medium* until the end of hostilities, whereupon he returned to the television department of NBC.

By 1949 he had advanced to supervisor of production costs on all network shows. It was his job to estimate expenses on every item in a program except time costs. He served in that capacity until August of the same year when he accepted an offer from Kudner to join the agency as assistant business manager of the radio and television department. Less than a half year later he was named to the post of head timebuyer at the agency. In that capacity, he participates in the purchase and clearance of nearly \$15 million worth of network shows annually.

Among the shows he has bought and cleared are: Buick's Milton Berle show on NBC-TV; Schick's Jackie Gleason on CBS-TV; U. S. Tobacco's Martin Kane on NBC-TV; Texas Co.'s Metropolitan Opera on ABC Radio, and Goodyear's Greatest Story Ever Told, also on ABC Radio. In addition he has been importantly instrumental in placing the widespread special events schedule of General Motors.

Mr. Marsich was married to Agnes Reed in March 1952. They live at Beechhurst, Long Island.

His hobbies include golf (he shoots in the 90's) and music (jazz and classics).



REPRESENTED BY THE KATZ AGENCY-CBS RADIO NETWORK

# we love people

# 22,000 of them

for that is the number of votes cast for 60 families who selected the music on **FAMILY CHOICE** 

# WHAT IS FAMILY CHOICE?

A two hour musical portion of **MORNING DIGEST** in which Roanoke families acted as program directors. (the most popular won a '54 Plymouth)

# AND MORNING DIGEST?

Offers 4 hours of the best radio listening in Roanoke each morning, 5:30 to 9:30

Your AVERY-KNODEL man can tell you all. Just call him!



Incorporated



# MILESTONES -

► DOUBLE anniversary was celebrated on a special half-hour Don Lee Broadcasting System-Alka-Seltzer Newspaper of the Air in Hollywood yesterday (Sunday), commemorating the 20th year of the program and the start of newscaster Glen Hardy's career as a radio reporter. Governors of six western states broadcast congratulations during program, which highlighted news during the 20 years of sponsorship by Miles California Co., L. A., (division of Miles Laboratories Inc., Elkhart, Ind.), presented for over 15 years on Don Lee network.

► STERLING V. COUCH, traffic manager of WDRC Hartford, Conn., has observed his 26th anniversary with the station. Mr. Couch has for years arranged religious and educational programs for WDRC-AM-FM and has emceed a children's program.



KTUL Tulsa's 20th anniversary was celebrated in a "cutting" of the "cake" atap the CBS Radio affiliate's marquee. Perfarming the honars are L. A. Blust Jr (I), vice president-general manager af Tulsa Broadcasting Co., licensee, and R. P. (Bud) Akin, senior member af the KTUL sales staff, wha campleted his awn 20th anniversary with the statian Feb. 5.

► WOR New York celebrated its 32nd year on the air last Monday. To commemorate the occasion, John R. Gambling, on his 7:15 a.m. show, played a record of the late Al Jolson singing "April Showers." It was this record that put WOR on the air on Feb. 22, 1922.

► AS the initial event in a year-long celebration of the 30th anniversary of city-owned WNYC New York, the station broadcast its 15th annual, four-day American Music Festival. Seymour N. Siegel, director of radio communications for the City of New York, said nearly 125 hours of air time were devoted during this period to the whole range of American music.

►ARTHUR HULL HAYES, CBS vice president and general manager of KCBS San Francisco, has celebrated completion of 20 years service with the network.

► WNOX Knoxville, Tenn., has celebrated the 18th anniversary of its hillbilly program, *Midday Merry-Go-Round*. M. C. Lowell Blanchard highlighted six birthday shows with hillbilly variety and audience giveaways.

►WEAV Plattsburg, N. Y., has marked its 19th year of broadcasting.

► WEFM (FM) Chicago, Zenith Radio Corp. outlet, commemorated its 14th anniversary last month with presentation of "lasting vocal masterpieces of music," according to Ted Leitzell, WEFM manager. Station went on the air Feb. 26, 1940, with a "good music" policy and as a pioneer Chicago fm operation.

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Advertiseme**nt** 

Open Letter to Editors:

The Pan-American Coffee Bureau believes that every American deserves to know the true facts about coffee. We have, therefore, published the following message, and delegations of American housewives and editors are now in Brazil "Seeing for Themselves."

# WHY THE BRAZILIAN GOVERNMENT HAS INVITED AMERICANS CONCERNED ABOUT COFFEE PRICES TO COME TO BRAZIL TO "SEE FOR YOURSELF"

In order to clear the atmosphere of doubt and rumor about the reasons for the rise in coffee prices, Brazil ---through the Brazilian Coffee Institute, has invited a group of observers to <u>come to Brazil, see for them-</u>selves and report back to you.

Those invited include members of Congress, leading publishers and writers, and representative housewives. Those who accept will visit typical coffee farms, coffee warehouses and the coffee shipping ports. They will be free to investigate where and what they wish. Their questions will be answered fully and frankly.

Brazil will welcome this group—just as it welcomes the Congressional and Federal Trade Commission investigations—as an opportunity to lay before you, the consumer, the full story behind present coffee prices.

## BRIEFLY STATED, HERE ARE THE FACTS

THE FIRST BIG FACT: Last July, when we in the United States were enduring midsummer heat, part of the great coffee-producing area of Brazil was struck by Killing frost. It was midwinter, then, south of the Equator.

Overnight hundreds of millions of coffee trees were destroyed or severely damaged in the States of Paraná and São Paulo. These trees would have produced nearly half a billion pounds of coffee. With the coldblight, this mountain of coffee was lost.

THE SECOND BIG FACT: This lost coffee cannot be replaced overnight. It takes five years for a new coffee tree to mature and bear in quantity. It takes two to three years for a frost-blighted tree to recover and produce again.

After the war, coffee producers had anticipated an increase in the demand for coffee. Hundreds of millions of new trees were planted, particularly in Brazil, during the late forties and early fifties—but many of these new trees, which were just about ready to yield, were killed or damaged by the July frost.

THE THIRD BIG FACT: Americans understand the age-old law of supply and demand. When frost hits the citrus-growing areas of Florida or California, the price of oranges and grapefruit goes up. When housing is short, rentals go up. When drought destroys the pasture lands of the dairy regions, the price of milk goes up. Today, largely because of a frost in Brazil, the price of coffee has risen.

When supply catches up with demand, you may be sure the law will continue to work—this time for you. But even at the average retail price prevailing today the cost to you, the consumer, of home-brewed coffee is no more than 2½ cents a cup.

PAN-AMERICAN COFFEE BUREAU, 129 WALL STREET, NEW YORK 5, N. Y. • BRAZIL • COLOMBIA • COSTA RICA CUBA • DOMINICAN REPUBLIC • ECUADOR • EL SALVADOR • GUATEMALA • RONDURAS • MEXICO • VENEZUELA With four television stations now transmitting in the Houston-Gulf Coast area, KPRC-TV remains FIRST in everything that counts. Houston's large, growing viewing audience (over 300,000 TV sets in the coverage area) consistently elects Channel 2 for the best in programming . . . the most and best in talent . . . tops in news and newsreel coverage . . . the best in performance!

Houstonians look to KPRC-TV for leadership . . . because Houstonians know KPRC-TV is FIRST.

For the lowest cost per thousand and the highest percentage of results, buy KPRC-TV. Call Edward Petry and Company, or write direct for availabilities.

FIRST

FIRST in coverage FIRST in circulation FIRST in ratings FIRST in local live shows FIRST in news FIRST in public service FIRST in merchandising & promotion FIRST in physical equipment

# FIRST

# N COVERAGE\*

KPRC-TV serves the rich Gulf Coast market, which includes Houston and Harris County, the Nation's 12th ranking market in net effective buying power.

|    |     | P      | <b>RIMAR</b><br>220 |     |              |
|----|-----|--------|---------------------|-----|--------------|
|    | Рор | ulatio | on                  |     | 1,333,300    |
| ÷. | Fam | ilies  |                     |     | 386,900      |
| A  |     | ctive  | Buying<br>e         |     |              |
|    |     | Net    |                     | \$2 | ,265,815,000 |
|    |     | Per    | Capita              | \$  | 1,114        |
|    |     | Per    | Family              | \$  | 3,887        |

Retail Sales... \$1,570,808,000

**Rural** Families.

# SECONDARY AREA

(Includes Primary Area) 30 uv/m

| Population                 | 1,695,000       |
|----------------------------|-----------------|
| Families                   | 490,600         |
| Effective Buying<br>Income |                 |
| Net                        | \$2,804,765,000 |
| Per Capita                 | \$ 1,040        |
| Per Family                 | \$ 3,714        |
| Retail Sales               | \$1,693,225,000 |
| Rural Families.            | 124,600         |

Source: Soles Management's Survey of Buying Power 1953

NBC-ABC

88,300

CHANNEL HOUSTON JACK HARRIS, Vice President and General Manager Nationally Represented by EDWARD PETRY & CO.



# More reach ...better pickings

When you're using spot radio to cover a national market, you want all the reach you can get. You want stations like WJR, which gives you the best possible radio coverage of a broad market of 15 million people, some 10% of the nation's buying power. This is the kind of mass advertising that means real efficiency for every dollar you spend. Ask your Henry I. Christal representative about WJR.

# The Great Voice of the Great Lakes



50,000 watts CBS Radio Network



WJR's primary coverage area: 15,000,000 customers

Willing Milling



been known since last September, the apparent inclusion of the "Three Plan" programs in the new operation drew special fire from representa-

tives' spokesmen. Under the "Three Plan" as it has operated up to now, the advertiser has been required to buy at least three participations. Under the new plan, he could buy as few

The "Three Plan" currently has three spon-

sors: Lewis-Howe (Tums), Hudnut, and Carter Products. Programs comprising it are three

15-minute five-a-week programs, one in morn-

ing time, one in late afternoon, one in evening:

Second Chance (11:45 a.m. to noon); It Pays

To Be Married (5:45-6 p.m.), and Fibber

Other Series Not Sold

able for participating sponsorship has been

sold. Weekend and Big Preview went on the

Although NBC's decision to waive co-op fees

in the case of spots sold locally in the shows

involved was said to represent a reversal of an

earlier plan to make a percentage charge in

such cases, station representation spokesmen

took little comfort from the local-sales idea.

What national advertiser, one representative

asked, would consider buying announcements

in these programs on a national spot basis when

air last fall; Road Show started in January.

None of the other series identified as avail-

McGee & Molly (10-10:15 p.m.).

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# NBC RADIO AFFILIATES GET PLAN FOR SPOTS ON NETWORK

Controversial plan has drawn the ire of station representatives, who claim it is an invasion of the spot field, and has yet to gain approval of the network's affiliates. The network wants a go-ahead by April.

NBC's controversial plan for selling one-minute participations in network radio programs was put to the network's affiliates officially last week.

March 1, 1954

Disclosure of the proposal, which NBC officials refused to reveal or discuss publicly but which appeared to be a refinement and extension of plans that the network outlined to affiliates last fall [B•T, Sept. 21, 1953], brought renewed rumblings from station representation firms branding it a clear invasion of the spot field. It carried the blessings, however, of a majority of the NBC Radio Affiliates Committee representatives with whom details were surveyed Tuesday.

NBC was said to be hopeful of getting the plan into operation—on what would amount to a trial basis probably extending to the end of the year, according to the understanding of affiliates committee representatives—during the week of April 4. Desire to get off the ground as quickly as possible was attributed, at least in part, to competitive factors, since CBS Radio has promised its affiliates it will make no rate revisions before Aug. 24 and accordingly would not be able to make major counter-moves before that time. NBC officials were quoted as saying they considered the plan "essential" for the network's "continued progress."

#### Affiliation Contract Amendment

The NBC plan requires approval of affiliates through amendment of their affiliation contracts, and NBC officials were represented as being uncertain as to the minimum number of acceptances that would be necessary to effectuate it.

Salient features of the plan were described as follows:

• On four specific programs NBC would be allowed to sell one-minute participations. Programs initially available were listed as the three quarter-hour strips which comprise NBC's "Three Plan"—Weekend (Sunday, 4-6 p.m.), Road Show (Saturday, 2-6 p.m.), and Big Preview (Saturday, 7:30-9:30 p.m.)

• In the so-called "participation programs," advertisers would be permitted to buy one or more announcements—but would be required to use all stations carrying the program—at a fixed cost for time, plus talent fee. Indications were that NBC intended to offer eight participations per hour, in which case the advertiser would pay one-eighth of the hourly rate for time, plus a talent tab.

• Station compensation would follow a similar arrangement. Assuming eight participations per hour, for each one sold the affiliate would be paid one-eighth of his network hourly rate.

• Stations would be permitted to sell their

BROADCASTING • TELECASTING

own spot in any segments in which NBC had sold at least one but not all available participations. NBC would waive co-op fees in the case of such sales, at least for the present, but time thus sold locally would be subject to recapture in event of subsequent sale by the network.

• A review of the entire operation would be made at a meeting of affiliates at the end of the year, the implication being that its success or failure in the meantime, and degree of acceptance by affiliates, would determine whether it should be continued, expanded or abandoned.

## Details in Letter

Details of the proposal were outlined in a letter sent out to NBC Radio affiliates last week by Robert D. Swezey of WDSU New Orleans, chairman of the affiliates committee, and Harold Essex of WSJS Winston-Salem, committee secretary-treasurer. Many affiliates had not received their copies by late last week, so their reaction could not be appraised immediately.

From station representation circles, however, came strong protests that NBC was attempting "another inroad" on spot business and that the move "would siphon off—there's no question about it—spot business from the stations."

Since the basic features of the proposal had the

# NBC ENTERPRISES FORMED UNDER COTT

as one.

NBC last week was forming a fifth major division, known as NBC Enterprises, to promote, exploit and merchandise properties and activities of NBC.

Ted Cott, operating vice president of the

NBC Radio Network, was designated to head the new unit as vice president in charge, but also will continue in his network activities. In his new post he will report to NBC Executive Vice President Robert W. Sarnoff, while in his network vice presidency he will continue to report to William H. Fine-



First unit of the new division already has been set up—a souvenir shop on the mezzanine floor of the RCA Bldg. Aimed at the profitable market of sightseers on the NBC tour, the shop will handle photograph albums (featuring pictures of NBC talent, etc.), cook books, posthis time might be reclaimed by the network next week? NBC's President Sylvester L. Weaver Jr.,

however, in leading network officials in discussions of the plan with the affiliates at last Tuesday's meeting, emphasized the flexibility which the plan allows and reiterated his view that it

cards, balloons, and similar gift-shop items with an NBC tie-in.

Tours by the NBC television opera, publication of an NBC *Almanac* and franchising of department stores for the sale of items based on NBC properties were other projects being considered for future development.

Some of the activities, officials said, may be "farmed out" to other firms, including the Kagran Corp., which was set up by NBC, Martin Stone, and "Buffalo Bob" Smith to merchandise *Howdy Doody* characters.

One of the most immediate prospects for exploitation was said to be NBC-TV's forthcoming new hour-long daytime *Home* show, with the idea that books may be issued based on several departments of the program—cooking, gardening, fashions, "how-to-do-it," etc. Spokesmen also reported that extensive promotion and merchandising campaigns are being planned for *Ding Dong School*, *Today*, *Fibber McGee & Molly*, *Dragnet*, *Victory at Sea*, *i* among others.

Mitchell Benson has been named director of NBC Enterprises, while Sidney Rubin is manager of licensing; Frank Fitzgerald, operations manager, and Ted Zaer, business manager.



ak. Com

will attract new advertisers to network radio. It is, he said, "adapting the magazine concept to radio"—an adaptation which Mr. Weaver earlier introduced into television. He contends that selling smaller and therefore less expensive segments of radio time will broaden the base of the medium, enabling more advertisers to use it and encouraging greater use by those already in radio, and thus will develop more prospects not only for network but also for station representatives.

Most members of the affiliates' group clearly were impressed by the network arguments. The letter from Messrs. Swezey and Essex said that while acceptance or rejection of the plan is a matter for individual affiliate decision "the majority of your representatives feel that in the circumstances outlined above the proposal is acceptable and constructive and in the opinion of the network essential for its continued progress."

#### **Full Network Stressed**

The affiliates' representatives were said to have been especially insistent that advertisers buying participations be required to buy the full available network and not be allowed to pick certain stations and at the same time to omit others.

Affiliates on hand for the meeting, in addition to Messrs. Swezey and Essex, included E. R. Vadeboncoeur, WSYR Syracuse; Robert Hanna, WGY Schenectady; Milton Greenebaum, WSAM Saginaw; Richard Mason, WPTF Raleigh, and George Norton, WAVE Louisville. Absent were committeemen Clair R. McCollough, the Steinman Stations, and Paul W. Morency, WTIC Hartford. Network delegation included President Weaver, Executive Vice President Robert W. Sarnoff; Ted Cott, operating vice president for the radio network; Station Relations Vice President Harry Bannister, and Administrative Vice President David C. Adams.

As explained in the letter from Messrs. Swezey and Essex, payment to stations would be made in accordance with the following formula:

Compensation for each participation sold in an hour program will amount to that percentage of the compensation the station would receive on the sale of one hour, in the time period in which the program is broadcast, as is equalled by the number of participations available for sale divided by 100. For example, if there are eight such participations available for sale in an hour program, the compensation for each participation sold will amount to 12½% of the compensation the station would receive on the sale of a one-hour program in the same time classification.

For programs of other lengths, the factors of division are 50 for half-hour, 25 for quarterhour, and 200 in those instances of two-hour shows.

#### Agreement Provisions Given

The arrangement permitting affiliates to sell spots in these shows provides:

In any segment where at least one network participation has been sold the stations may sell any cued announcement availabilities on run of schedule, that is, subject to immediate removal to another unsold availability with a segment of the program in order to permit a network order to be filled.

The Swezey-Essex letter also notes that, for these programs, the network has waived co-op fees until a meeting with the affiliates committee next December, when the entire operation will be reviewed.

# GARDEN GUILD HEAD ANSWERS BBB STORY

Garden Guild is an 'honest nursery business,' says its president, John T. Southwell, who makes promise that 'mistakes will not be repeated.'

GARDEN Guild of America, which met up with problems as a result of non-delivery of rose bushes ordered by listeners to its radio spot announcement campaign a few months ago [B•T, Jan. 4], is an "honest nursery business" whose "mistakes will not be repeated" and it "will be in business for many years to come."

This assurance was given last week by John T. Southwell, Garden Guild president, in a statement answering an article in a St. Louis Better Business Bureau bulletin which, Mr. Southwell said, was "replete with inaccuracies, misstatements, and misleading statements" about his organization. He said the bulletin claimed there is no "Blue Rose," which the Garden Guild formerly offered for sale, but that the national BBB itself had reported last November that "authorities, nurserymen and growers had been referring to this rose . . . as the Blue Rose for over 40 years." His statement continued.

#### Too Busy With Customers

"I see no point in wasting time, paper and energy refuting the St. Louis article point by point—though it can be done. My staff and I are busy taking care of our customers. True, the Post Office received a number of complaints on delayed shipments, wrong variety of roses, etc. We know that, and have worked night and day in the past weeks to remedy it. We are now working night and day to see that we are able to fulfill the wants of our customers this spring. I have not time for calling names, answering charges, or making counter-charges. There are more important things to be done.

"I write this only to have you understand these three things: (1) I am only trying to run a simple, honest nursery business and have no desire to defraud anyone—least of all customers whom I hope to keep for years to come;



IT'S NOW Arndt, Preston, Chapin, Lamb & Keen Inc. after a merger of two Philadelphia advertising agencies, Lamb & Keen Inc. and John Falkner Arndt Co. [AT DEADLINE, Feb. 22]. Shaking hands on it are James G. Lamb (1), new board chairman and formerly L&K president, and John F. Arndt, new president and formerly JFA president. (2) neither I nor Garden Guild has been indicted or convicted for fraud or anything else; there has been an investigation—nothing else; (3) this is not a blast at the Better Business Bureau organization as a whole, for certainly the national Better Business Bureau has been extremely cooperative and helpful. So have most of the local bureaus. . .

"It would seem that the principal desire of the St. Louis Better Business Bureau is to put Garden Guild out of business. Yet I know that is not the case with the rest of the Better Business Bureau organizations or with the Post Office. They simply want mistakes rectified and not repeated. So do I—so much that I have moved my offices, fired, hired, and generally moved heaven and earth. The mistakes will not be repeated, and I can assure you that this company will be in business for many years to come."

Garden Guild, whose headquarters formerly were in St. Louis, now is at Rose Hill, Devon, Pa. Mr. Southwell's statement was addressed to "all Better Business Bureaus, newspapers, radio stations, magazines and business publications."

# Longines Buying More Time on CBS Radio

A MAJOR EXPANSION in its use of radio was set by Longines-Wittnauer Watch Co. last week with a CBS Radio contract which, by next fall, will have the watch firm on that network seven days a week.

With the expansion, it was estimated unofficially, Longines programs will represent over \$3 million in gross annual billings to CBS Radio.

Alan Cartoun, advertising director for the sponsor, told BoT that the expansion reflected Longines-Wittnauer's continuing faith in the soundness of a medium that it has used successfully in the past.

The contract was reported to be on a noncancellable basis extending through December 1955, and could be considered particularly heartening to the network in view of the imminent loss of *Lux Radio Theatre* to NBC.

Longines currently sponsor the *Choraliers* on CBS Radio on Tuesdays and Thursdays at 7:30-45 p.m. and the *Symphonettes* on Sundays at 2-2:30 p.m.

Under the new contract the company will add the Symphonettes on Saturdays at 5:30-6 p.m., starting March 6, and the Choraliers on Wednesdays and Fridays at 7:30-45 p.m., effective the following week.

Other contract being worked out would add the Monday 7:30-45 p.m. period, rounding out a seven-day-week schedule.

Agency for Longines-Wittnauer is Victor Bennett, New York.

# Multiple-Sponsors for NCAA Grid Tv Slate Under Study

POSSIBILITY of multiple-sponsorship of the National Collegiate Athletic Assn. *Game of the Week* football program on network television was reported last week following hearings conducted in New York last Monday with representatives of various segments of the tv industry.

Asa S. Bushnell, vice-chairman of the NCAA Tv Committee, said all suggestions received from networks, sponsors, agencies and other groups at the meeting will be considered when the committee convenes to formulate a 1954 television plan. He said that one decision the committee will make will be whether to continue single sponsorship of the series, as has been in force for the past two years, or to adopt multiple-sponsorship.

NCAA's *Game of the Week* was presented during 1952 and 1953 on NBC-TV under the sponsorship of General Motors Corp.

Those in attendance at the hearing last week included Tom Gallery, NBC-TV; Judson Bailey, CBS-TV; Tom McMahon, DuMont; Robert O'Brien and Les Arries, ABC; Thad H. Brown, NARTB; Nathan L. Halpern, Theatre Network Television; George Kerrigan, Tel-Ra Productions, and Dan Halpin, Radio-Electronics-Tv Mfrs. Assn.



STOKELY-Van Camp Inc. signs its fourth straight contract with WISH Indianapolis for broadcasts of the Indianapolis Indians baseball games. L to r: Robert McConnell, WISH vice president; Harry Hebberd, advertising and merchandising director, Stokely-Van Camp, and Eddie Stumpf, general manager of the AA club.

# General Mills Won't Repeat Summer Package Plan

General Mills to hold to present network schedule with some radio-tv spots this summer, but nothing like last year's 'package purchases.' Swift & Co. has a spot tv participation campaign underway in some markets.

GENERAL MILLS, Minneapolis, will not embark on any radio-tv spot saturation campaigns but will continue its present network programs throughout the year, it was learned last week.

The firm plans spot commitments in both media this summer but nothing comparable to the "package purchases" which provoked controversy last year. The 1953 drive embraced four plans for Wheaties and other products as a flexible alternative to the flat rates engineered by GM in 1952, with "floating schedules" as one of the main features [B•T, Feb. 23, 1953, et seq.].

23, 1953, et seq.]. The 1953-54 "Wheaties Operation Sparks" campaign was understood to be still in effect on a reduced schedule. The plan called for nine announcements per day on each station for 24 weeks from last Oct. 18 to March 27 in 125 markets.

General Mills will continue with its Lone Ranger on both CBS-TV and ABC-TV, Lone Ranger and Whispering Streets on ABC Radio, and Valiant Lady and the Bob Crosby Show on CBS-TV.

Swift & Co., Chicago, currently has a spot participation campaign underway in most of the 13 tv markets now carrying the filmed version of *How Does Your Garden Grow*, it was reported last week.

The series, telecast live by WNBQ (TV) Chicago Sundays, is being offered by John Ott Pictures Inc., Winnetka, Ill., headed by Mr. Ott, who conducts the garden program. Arrangements are underway to sell the series in at least 10 other markets.

Swift sponsors one of four participating announcements on behalf of its Vigoro and Endo-Pest, and reportedly has agreed to go into 25 markets. One-minute spots are being offered to other national advertisers or local clients.

J. Walter Thompson Co. is agency for the two Swift products.

# 11 Major Firms Participate In Closed Circuit Tv Meet

ELEVEN major corporations participated in a six-hour, closed-circuit television conference as part of a special meeting of the American Management Assn. at New York's Astor Hotel last Friday. The event made use of the facilities of ABC's WABC-TV New York and was produced by Box Office Television Inc., New York.

Participating corporations were United States Steel Corp., AT&T, International Business Machines Corp., Remington Rand Inc., New York Telephone Co., Western Union Telegraph Co., Addressograph Multigraph Corp., National Cash Register Co., Friden Calculating Machine Co., Burroughs Corp. and Commercials Controls Corp.

The closed circuit telecast, which was described as one of the longest on record, was viewed by an estimated 1,500 management representatives of major industrial concerns in attendance at the Grand Ballroom of the Astor Hotel.

# 'Advermat' Contest Open To Agency Executives

QUIZ and essay contest open only to advertising, sales, marketing and agency executives will be held from March 1 to June 10 by Perfo



MR. CAYTON

two, with succeeding 48 prizes including 15 electric shaver sets, 12 boxes of cigars and 21 personalized Advermats.

Cayton Inc. Advertising, New York, Perfo agency, created the contest. Entry blanks and information may be secured from Advermat Contest, Perfo Mat & Rubber Co., 461 4th Ave., New York 16.

Judges will be William D'Arcy Cayton, president, Cayton Inc.; Eldridge Peterson, editor, *Printers' Ink;* Norton B. Jackson, executive director, Point-of-Purchase Advertising Institute, and Robert J. Mohr, advertising manager, Phillips-Jones Corp. (Van Heusen shirts).



GERBER's Baby Foods will sponsor the Thursday 10:15-30 a.m. portion of NBC-TV's Ding Dong School on 52 stations of the network beginning this week. "Miss Frances," Dr. Frances Horwich, signs her approval of the sponsor's product with witnesses Paul Louis (I), vice president in charge of radio-tv for D'Arcy Advertising Co., and Ken Plumb, D'Arcy vice president and supervisor of the Gerber account.

# Agency Network Sets Meet

THE 23d annual Management Conference of the National Advertising Agency Network April 12-18 at Boca Raton Hotel & Club, Boca Raton, Fla., will be attended by about 70 principals of 34 member agencies and 40 offices through the U. S. and Canada, according to John F. Wilson, Carr Liggett Advertising Inc., Cleveland, conference general chairman.

NAAN's first seven-day management meeting in history will feature the theme, "Clearing the Decks for Creative Action," and includes an April 11 steering committee session, 28 management sessions and 25 speakers. Sheldon **D**. Spencer, George T. Metcalf Co., Providence, will preside at the annual Creative Awards banquet April 13 and Howard Swink, Howard Swink Advertising Agency, Marion, Ohio, will preside at the April 17 financial session.

#### SPOT-NEW BUSINESS

Shulton Toiletries preparing seasonal radio spot advertising in 35 markets, starting April 5 for 13 weeks, buying mostly early morning time between 7 and 8 o'clock. Agency: Wesley Assoc., N. Y.

Liberty Mutual Insurance (auto insurance), N. Y., using eight markets for radio-only spot schedule starting March 1. Contract for 15 weeks. Agency: BBDO, N. Y.

General Mills (Angel Food Mix) plans tv spot campaign in East Central area and radio schedule in New England early in March on staggered schedule for introductory promotion. Agency: BBDO, N. Y.

#### NETWORK-NEW BUSINESS

General Foods Corp., N. Y. (Instant Jello), to sponsor Wed. 3:30-3:45 p.m., EST, portion of *Bob Crosby Show* (CBS-TV, Mon.-Fri., 3:30-4 p.m., EST), starting March 3. Agency is Young & Rubicam, N. Y.

Nash-Kelvinator Corp., Kelvinator Div., De-

testants with "Advermats," which are "life-time," rubber point - of - purchase display mats with product name, trademark and selling phrase inlaid through the mat. First prize will be a 1954 MG convertible sports car, the

second a week's Ber-

muda vacation for

Mat & Rubber Co.,

to familiarize con-

troit, has signed for alternate-week sponsorship of *Danger* (CBS-TV, Tues., 10-10:30 p.m. EST), starting March 16. Agency: Geyer Adv., N. Y. Other alternate-week sponsor is Block Drug Co.

**O-Cedar Corp.** and **Carter Products Inc.**, effective March 16 to sponsor alternate weeks of *Meet Millie* on CBS-TV (Tues., 9-9:30 p.m.). O-Cedar agency is Turner Adv., Chicago, and Carter products is represented by SSC&B, N. Y.

Chrysler Corp. (Plymouth Div.) to sponsor a situation comedy show titled *That's My Boy*, starring Eddie Mayehoff, effective April 10, CBS-TV, Sat., 10-10:30 p.m. The show will be carried on 100 CBS-TV stations and will originate in Hollywood. This buy marks Plymouth's largest use of tv programming. Agency: N. W. Ayer & Son, N. Y.

General Foods Corp., N. Y. (Post Cereal Div.), effective April 5 will sponsor tv version of *Portia Faces Life* five times weekly on CBS-TV, 1:15-30 p.m. Mona Kent, who wrote the radio series, will write the tv version. Agency: Young & Rubicam, N. Y.

Manhattan Soap Co., N. Y. (Sweetheart Soap), and Toni Co., Chicago (Prom Home Permanents), start *The Tennessee Ernie Show*, replacing *Family Skeleton*, on 202 CBS Radio network stations (Mon.-Fri. 8:45-9 p.m. PST) for 13 weeks from March 8. Agencies: for Manhattan Soap, Scheideler, Beck & Werner Inc., N. Y.; for Toni, Leo Burnett Co. Inc., Chicago.



THRICE-weekly sponsorship for 1954 of the 7:45 a.m. Card Cederberg newscast on WWJ Detroit by the Mennen Co. (men's toiletries, baby products) is contracted by William Breasley (I) of George P. Hollingbery Co., station representatives, and Leonard V. Colson, Mennen advertising manager.

#### AGENCY APPOINTMENTS

Helene Curtis Industries Inc. appoints Earle Ludgin & Co., Chicago, as agency for its Spray Net and Lanolin Discovery.

Canadian Aviation Electronics Ltd. (DuMont tv receivers), appoints James Lovick & Co. Ltd., Montreal, to handle all advertising.

The Burkhardt Brewing Co., Akron, Ohio, appoints Peck-Heekin Adv., Cincinnati, as advertising and marketing counsel.

Unistrut Products Co., Chicago (metal framing for tv station installations), appoints Buchen Co., same city, to handle its advertising.

**KSTM-TV** St. Louis appoints C. M. Said Adv., same city, to handle all national and local advertising, retroactive to Dec. 1, 1953.

# Kingan Covers Indiana

THROUGH the cooperation of the Indiana Broadcasters Assn., all 52 radio stations in the state will carry a special statewide broadcast on March 20 under the sponsorship of Kingan & Co., Indianapolis (meat products). It is said to be the first time that any sponsor with statewide distribution has purchased a single program on all stations in Indiana. Starting at 12 noon CST, Kingan will present from the floor of the Butler field house in Indianapolis a program featuring the Purdue U. Glee Club and the Indiana Belles Girl's Glee Club of Indiana U. as a tribute to the 50th anniversary of The Indiana High School Athletic Assn.

Tide Water Associated Oil Co., S. F., appoints Buchanan & Co., L. A., to handle national advertising.

Farmers Frozen Food Co., Modesto, Calif., and Universal Harvester Co., Stockton, Calif., name John A. Rollins Co., offices in both cities.

**Copa Products**, L. A. (AcneTrol), names Phil D. McHugh Co., same city, to handle advertising. Radio and tv will be used in spring campaign.

#### AGENCY SHORTS

Philip Ritter Inc., N. Y., has changed its name to Smith & Williams Adv. Inc. Herman R. Williams, formerly vice president, Christopher, Williams & Bridges, Chicago, named executive vice president of renamed agency.

Edward Graceman & Assoc., Hartford, Conn., elected to membership, American Association of Advertising Agencies.

E. H. Brown Adv., Chicago, has available for advertisers upon request the 52-page 1954 Advertisers Rate and Data Guide, which lists, in condensed form, circulation, closing and issuance dates for general, farm, mail order and direct selling magazines. Requests should be addressed to: E. H. Brown Adv., 20 N. Wacker Dr., Chicago 6.

Richard B. Atchison Adv., L. A., changes name to Atchison, Donahue & Haden Adv. and simultaneously moves into new offices.

Rheem Manufacturing Co., N. Y. (heaters, appliances), moves national advertising offices to South Gate, Calif., Mar. 1. Fred C. Gallagher, account executive, Campbell-Ewald Co., N. Y., servicing account, shifts to L. A., from where national and western advertising of Rheem will emanate. Central and eastern division advertising will continue to be handled from agency's Chicago and N. Y. offices.

The Mayers Co., L. A., elected to American Assn. of Advertising Agencies.

BT Adv. Agency, Cleveland, has published a 32-page booklet describing that firm's expansion and also containing information on advertising and media selection.

Rhoades & Davis, S. F., moves to 642 Commercial St.

Pearson Pharmacal Co., N. Y., has notified its agency, Harry B. Cohen Adv., that city, that it plans to change agencies effective March 31. Company is manufacturer of Ennds, Eye-Gene and Dew. New agency has not been selected.

Long Advertising Service, S. F., San Jose and Fresno, Calif., incorporates as Long Advertising Inc., with Alvin Long as president; Milton E. Wise, vice president, and Gertrude B. Murphy, vice president in charge of radio-tv.

McCann-Erickson Ltd., Toronto, opens temporary office at Montreal at 3049 Sheraton, Mount Royal, with permanent offices being opened early in May at 1980 West Sherbrooke Bldg. J. Lawrence Dampier, formerly vice president of marketing, Lever Bros., N. Y., appointed manager.

Ross Roy of Canada Ltd., opens offices in Canada Trust Bldg., Windsor, Ontario. Harold J. G. Jackson, director of advertising, Chrysler Corp. of Canada, named manager of Canadian branch of U. S. agency.

Richard B. Atchison Advertising, L. A., changes name to Atchison, Donohue & Haden, with Richard D. Atchison; R. C. Donohue, account executive and partner in former firm, and Jack Haden, production supervisior, forming partnership. Address is 1206 Maple Ave. Telephone is Prospect 2404.



WILLIAM T. RAIDT, account executive in D'Arcy Advertising Co., Cleveland office, won \$1,000 in the "Name This Market" contest sponsored by sharetimers KSBW-TV and KMBY-TV Salinas-Monterey, Calif. Mr. Raidt called the market "Pacific Paradise" [B<sup>•</sup>T, Feb. 15].

West-Marquis Inc., L. A., closes Long Beach, Calif., offices and consolidates operations into those of main office.

Condit Advertising Art, Denver, moves to 355 W. 7th St.

Wayne Welch Inc., Denver, moves to 800 W. 9th St.

# **Kight Flying**

WHEN Kight Advertising Inc.'s executives want to contact a client in another city, they just board the agency's plane and are on their way. Licensed to pilot the four-place Cessna 170 airplane are W. H. Kight, president of the Columbus, Ohio, agency; his son W. W. Kight, vice president, and Carl W. Deibel, executive art and production director. Better service to customers in three states is the purpose of owning a plane, adds the agency.

# SPOT NEWS FILM PLAN SAID UNDERWAY

Stations would be able to kinescope and telecast film within minutes or days. WCCO-TV claims credit for plan's development.

TRANSMISSION of television spot news film by coaxial cable facilities to stations outside the immediate range of film-distributing centers in New York and Washington, so these stations may kinescope the film and telecast it locally within "minutes instead of days," is being considered by United Press Movietone, INS-Telenews and CBS Newsfilm, spokesmen said last week.

WCCO-TV Minneapolis-St. Paul, which claims credit for developing the idea, says it has devised an "amazingly effective method of syndicating news film on a nation-wide basis without the usual 24 to 48-hour transportation delay" involved in air freight service.

The Minneapolis outlet said Sherman K. Headley, its assistant manager for television, and Charles McCuen, news director, set WCCO-TV technical facilities to work on the problem of finding an inexpensive and practical method of re-filming newsreel footage from station monitors. The result, WCCO-TV said, is a \$45 attachment—the TV-T Shutter developed by makers of the Auricon 16mm sound camera which eliminates the flicker usually accompanying motion pictures made from a tv monitor.

WCCO-TV said news-conscious tv stations are willing to accept the "inevitable" loss in picture quality in favor of getting the film while it still is of primary news importance, instead of receiving it after it is seen on network shows in their locality.

Gene Godt, WCCO-TV associate news di-

rector, made a private showing of sample news film, using the new device, at the October 1953 convention of Radio-Tv News Directors Assn. in Washington, with the response by individual news directors described by the station as "overwhelming."

Spokesmen for UP Movietone, INS-Telenews and CBS Newsfilm said they have no firm plans on the system at present. They said the cost of putting the plan into operation would make it expensive to stations, since it would involve cable costs and processing of film by the station. They said cost would be higher than current air freight rates, which generally provide same-day service.

A UP Movietone spokesman said DuMont Tv Network has been approached on the feasibility of using the network's cable facilities during a scheduled period each day for the project and that UP is considering service on a trial basis, within three months, if stations indicate sufficient interest.

#### **Alarming Number**

Mr. Godt said "an alarming number" of local tv stations have dropped syndicated film newsreel, "surrendering effective national and international news to the networks—because any newsreel film they would get was outmoded before it reached them." The new plan would add to the stature of tv news on a local station level, encourage the station to buy film processing equipment and thus encourage many to build up their news departments with this equipment, he said.

He said quality of the pictures made by WCCO-TV using the new shutter is about on a level with network kinescopes of around 1950, and expressed confidence that wider use will result in steady improvement by researchers.



AUTOETTES were supplied to agency executives during a production trip to Hollywood studios of Cascade Pictures of California on the theory that "good tv commercials are a product of brainwork, not footwork." L to r: Homer Heck, radio-tv production department, Foote, Cone & Belding; A. J. Bremner, FC&B vice president and copy director; Bernard J. Carr, president of Cascade Pictures; Peter Crane, S. C. Johnson & Son, Racine, Wis., and Desmond Marquette, FC&B. Occasion was filming of tv commercials for Johnson's wax account, handled by that agency.

# Unite for 'Rocky'

FILM -

IN an all-out promotional effort, manufacturers of boyswear and toys and novelties, retail chain store executives, a tv film producer, a distributor and a national sponsor have joined forces on behalf of the Rocky Jones, Space Ranger children's series. Plans to promote the series on these various levels were discussed at a meeting held in New York office of United Television Programs on Feb. 18 by representatives of UTP, the distributor; Roland Reed Productions, the producer; Gordon Baking Co., program sponsor; Sportswear Industries Inc., A. M. C. Store Chain, and Irving C. Krewson Buying Group, licensee com-panies. Aaron Beckwith, New York head of UTP, expressed the belief that this was the first time that a meeting has been held to coordinate a promotional campaign on all levels for a tv filmed program.

# **Primrose Suit Settled**

OUT-of-court cash settlement has been effected in the Los Angeles Municipal Court suit, filed approximately three years ago against Joyce Primrose Lane, head of Primrose Productions, by writer Louis Clyde Stoumen. Originally asking \$2,900, the writer charged the defendant in 1951 announced production on *The Ring*, proposed half-hour tv film series, for which three scripts of his were purchased. He further alleges he received payment for only one script. While the plaintiff's "Ship from Macabo" was filmed and subsequently telecast, he charged it was not the one for which he was paid and Mrs. Lane still owed him payment for two scripts. Shortly afterwards further production was suspended.

# Vitapix Units Set Meet

VITAPIX Corp. will hold its next board of directors and executive committee meeting in Washington March 19 and 20. Annual stockholders meeting is scheduled for the last day of the NARTB convention in Chicago, the week of May 23.

# Non-Payment Suit Filed Against Simmel in L. A.

SUIT charging non-payment for purchase of films and asking total of \$15,350 was filed last Tuesday in Los Angeles Superior Court by Unique Pictures Inc. against Louis C. Simmel, Simmel-Meservey Co., subsidiary Simmel-Meservey Television Productions and Ideal Pictures Corp.

Plaintiff claims that on Sept. 6, 1951, defendants purchased five one-reel color 16 mm films for \$1,000 each plus 25% of the monies derived from their exhibition. Suit, filed through Los Angeles attorney Gordon Stater, alleges no payment has been received and asks \$5,000 original purchase price plus 7% interest and \$10,000 damages.

Still pending is Los Angeles Superior Court suit, filed against Mr. Simmel and Simmel-Meservey Television Productions Nov. 23, 1953, by investor Arthur Nogeaus. Action seeks foreclosure on 18 quarter-hour tv films, based on two promissory notes signed by Mr. Simmel.

Total of \$18,315 is due on the note for \$26,000, signed Jan. 4, 1952, and guaranteed by Ghost Towns of the West, which was col-

# -FACTS & FIGURES

lectible July 3, 1953, at 4% interest. Total of \$8,399 is due on the note for \$10,000, signed Feb. 19, 1953, and secured by five quarter-hour films, which was collectible Aug. 18, 1953, at 4% interest.

FILM •

# **UPA Plans More Tv Expansion**

STEPHEN BOSUSTOW was re-elected president and chairman of the board of United Productions of America, Burbank, Calif., for his ninth term at the annual meeting of directors. He announced plans for further expansion in New York tv and commercial film field and disclosed that Don McCormick, manager of company's New York studio, had been promoted to vice president of UPA-New York. New board members seated at the meeting included George Bagnall, Ernest Scanlon, Richard Hungate and Pete Burness. Other officers re-elected by board were Robert Cannon, vice president; Charles Daggett, vice president in charge of public relations; T. Edward Hambleton, treasurer; Melvin Getzler, assistant treasurer, and M. Davis, secretary.

## DISTRIBUTION

Toby Anguish Motion Picture Productions, Hollywood, will release this month 26 quarterhour Adventure Album films, produced by Mr. Anguish, and 13 half-hour and 78 quarter-hour Popular Science films. The latter series is composed of Paramount Pictures short subjects which have been updated.

## PRODUCTION

Handel Film Corp., Hollywood, has completed the first group of 13 quarter-hour films in *The Magic of the Atom* series, which is devoted to the peacetime application of atomic energy. Preparation of the second group of 13 films is underway with the continued technical assistance of the U. S. Atomic Energy Commission and the Atomic Energy Project at UCLA, according to producer Leo A. Handel. Robert Lawrence Productions Inc., N. Y., has completed a series of tv film commercials for new frozen soups of Campbell Soup Co., Camden, N. J. Agency: Leo Burnett Co., Chicago.

Stacy Keach Productions, Hollywood, who is readying further production on *Trackdown*, half-hour true series on *Texas Rangers*, is preparing a second film series, *You Are the Judge*. Based on Los Angeles Superior Court cases, the series will be filmed with the cooperation of L. A. District Attorney Ernest Roll, according to Mr. Keach, who with Budd Lesser has completed the first script.

## RANDOM SHOTS

Screen Gems, Hollywood, is completing "Sister Veronica," half-hour film in NBC-TV Ford Theatre in which Irene Dunne makes her dramatic tv film debut as a nun who is superintendent of a hospital. Erna Lazarus wrote the adaptation from a story by Vivian Cosby, in The Ladies' Home Journal.

Jack Denove Productions, Hollywood, moves to 7142 Sunset Blvd., that city. Included in move are Jan Productions Inc., under which banner a pilot film of *It's the Bickersons* has been made, and Tele-Animation Inc. Firms, when shooting, will continue to use Goldwyn Studios.

Public Service Network Inc., Princeton, N. J., is a new company specializing in circulation of promotion films to tv stations for use in public service programs. Founder of company is Sherman Price, formerly vice president and director of distribution for The Princeton Film Center.

# TV SPURS POSTWAR ECONOMY, DOESN'T HARM OTHER MEDIA

Jordan study of the postwar era, published by RETMA, shows statistically that television has not cut into leisure hours at the expense of other pasttimes. Additionally, it proves that other forms of entertainment and businesses have profited from the visual medium, with advertising of all kinds spiralling to new record heights.

TELEVISION, most spectacular of the new post-war industries, is guiding all business, advertising and entertainment to undreamed-of heights.

Whipping boy of a dozen industries, competitive and non-competitive, tv actually is being absorbed in stride by the nation without hurting other advertising media—including radio.

Although tv takes up several hours of the average viewer's day, most of these hours are new hours made possible by time-saving devices and techniques in home and industry. Tv is filling this new time vacuum.

Last year tv passed out of the novelty stage, sharply curtailing its inroads on leisure activities. Over half of homes now have receivers.

While riding along with the post-war expansion, tv and the general economy are benefiting as the American cycle feeds itself.

These findings emerge from the first major

bigger than ever, despite tv, with sales of radio sets eclipsing video sales nearly everywhere. Radio set output in 1953 almost doubled tv production.

In essence, the Jordan study shows exactly how television has become a part of the nation's home life as well as its economy, and how the early shock of tv's entry into the family circle is soon dissipated. It demonstrates exactly how time-saving devices have created new leisure time.

"The initial 'harmful effects' of television have not continued," according to Mr. Jordan, experienced researcher and son of C. L. Jordan, executive vice president of N. W. Ayer & Son. "Radio, newspapers, magazines, books, concerts, track and harness racing, and professional football had the best year in their history.

tory. "Motion pictures, college football, basketball, boxing and others were climbing again

# Sports Return to Post-War Peak



research project covering the five-year impact of tv on the nation's living habits. The project, fifth of a series of video studies, was completed last week by Jerry N. Jordan of Philadelphia. It was published by Radio-Electronics-Tv Mfrs. Assn.

The new survey documents the Jordan "novelty theory" by showing, industry by industry and sport by sport, how television passed out of the novelty stage in 1953.

It provides an exhaustive study of what has happened during the first five years of wide television ownership and what the future promises, according to a foreword by J. B. Elliott, RCA, chairman of the RETMA Sports Committee.

It also supports recent findings that radio is

after a temporary decline. Major and minor league baseball attendance dropped off 1.8% and 7.8% respectively.

"These are the activities to which people devote so much of their leisure time. These are the activities television was supposed to destroy, or at least curtail severely."

Answering the question, "What can you expect in the near future?" Mr. Jordan predicted:

• About 20 million black-and-white sets will be sold through 1957, bringing tv into almost every home.

• By 1957 color sets, with large screens and reasonably priced, may account for half of all tv sets being sold and possibly more. Blackand-white sets, of course, will not become obsolete. Color will make ty more alive than ever.

• There will be 750 to 1,000 tv stations operating in 1957.

• Theatre tv will probably grow steadily, if not spectacularly, though colorcasts of big events may speed up this expansion.

• Pay-as-you-see tv awaits FCC action, after which its acceptance will be up to the public.

• Local tv programming will grow just as it did in radio.

· Colorcasts will increase interest in sports and entertainment enormously, creating many more fans.

• More time and labor-saving devices will be developed, leading to a higher standard of living and increased time for a fuller life.

• Tv rights fees will "go beyond any expectation.'

#### **Post-War Blessings**

And what are the post-war blessings that have given more away-from-work time for recreation, adding hours of fun to the 24-hour day? Mr. Jordan cited these post-war developments:

Vacuum Cleaners — Increased since the war from 13.7 to 26.4 million, saving two hours a week.

Electric Refrigerators - Increased from 19.9 to 39.4 million, saving one to two hours a week.

Washers-Increased from 17.3 to 34.2 million, saving five hours a week.

Dishwashers-Increased from zero to 1.4

million, saving five hours a week. Prepared Foods - Billions of packages, saving 10 to 12 hours a week.

Deep Freezers-Increased from zero to 5.9 million, saving 3.5 hours a week.

The above time-savers center around the housewife's day but the man of the house, too, has done pretty well since the war, according to Mr. Jordan. He cites the following:

Average Work Week-Cut to 39.9 hours, leaving 76% of time for other things.

Labor-Saving Heaters-In 58% of dwellings, saving two to three hours per week.

Faster Transport-Air passenger miles

up 400%, saving hours and days. Telephones—Increased 26.8 to 50.3 mil-

lion saving many hours. Power Mowers, Tools—Increased 1,000%, saving many hours.

Homes With Electricity-Increased 28.4

to 43.6 million, saving many hours. Add to these, Mr. Jordan suggests, 40 million

autos, growth of shopping centers and many others, along with electronic research, and the American public has many new hours available for leisure activities.

#### Tv Grows With America

Tv's spectacular growth must be considered in its proper context, Mr. Jordan explains, having grown rapidly because other American industries have grown rapidly, too, making a time void that had to be filled. "That is the way America has always grown," he said, "expanding its economy and creating more room for new developments. . . . Such an economy can, and does, absorb new industries without disrupting old ones. And when this growth ceases, we have more to fear than the effect of television."

Mr. Jordan said good tv shows are "tough competition" as 50 million people watch I Love Lucy and 43 million watch a Sunday World Series telecast, at the same time knocking competing tv show ratings "for a loop."

"Television's effect exists because television itself exists," he continued. "The Pittsburgh baseball club, which has banned all tv, suffered one of the severest attendance losses in the

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majors."

Lauding sports promoters in general for the way they have accepted tv, he said the medium "offers the greatest opportunity for promotion the entertainment business has ever known. If a baseball fan has to stay home, it is better to have him watching a baseball game on tv than watching a variety show."

The motion picture industry has felt tv, with two to three thousand old theatres closed in the last five years but at the same time it has built 4,000 new drive-ins, new techniques and

box-office "blockbusters," Mr. Jordan said.

Television's "phenomenal advertising growth" from nothing to almost \$700 million in seven years "has not come at the expense of any competing media," Mr. Jordan continued, citing McCann-Erickson comparisons. "Advertisers realize that the American people have interest in and time for all good media."

In a letter accompanying the Jordan survey, Glen McDaniel, RETMA president, said the Sports Committee will continue to help promote attendance at telecast sports events.

# While U.S. Was Buying-and Watching-28 Million Tv Sets

THE Jerry Jordan survey shows these trends during the period of television's growth:

\$11.7 billion spent in the recreation business in 1952 compared to \$8.9 billion in 1946, up 31%.

Advertising has more than doubled.

Radio time sales up from \$314 million in 1946 to \$498 million in 1953, an alltime high (BROADCASTING YEARBOOK figures).

Politz study shows daily radio audience of 39.9 million, listening 115 million hours a dav.

Newspaper circulation at all-time high of over 54 million copies daily; advertising up to record \$2.5 billion.

Magazines tripled advertising volume in 10 years.

More books bought and borrowed than ever before (N. Y. World Telegram).

Phonograph record volume of 238 million records up 12% over 1952.

Tv is bringing the piano back to the living room, with more people taking piano lessons than ever before.

Between 30 and 35 million people a year attend operas, ballets and concerts (more than big league baseball and college football combined). Good music enjoying boom.

Good movies are drawing big gates; topflight stage shows are breaking records.

Rights fees for sports telecasts totaled \$15 million in 1953.

Sports admissions climbed from 1951 low to \$280 million post-war peak (pre-war only \$90 million). Racing at new peak, gaining 51/2 million admissions since 1949; big crowds at major sports spectacles; majorminor league baseball attendance down 2% to 8% last year, as racing goes up, but still 27% above 1939; pro football, widely telecast, had record year in 1953; college football reflects ups and downs in male students enrollment, with good attractions sell-outs and having big tv audiences; boxing gains new fans and rights fees totaled \$5 million in 1953; professional basketball building wider fan interest by telecasts; wrestling, roller derby and others continue to enjoy tv-born prosperity.

McCann-Erickson survey shows total advertising volume in seven years has doubled, with tv accounting for only 151/2% of gain. It lists totals spent in media advertising as follows: Newspapers up from \$1.1 bil-lion in 1946 to \$2.6 billion in 1953; direct mail up from \$334 million to \$1,075 million; radio (total spent) from \$496 million to \$708 million; magazines from \$426 million to \$663 million: trade papers from \$211 million to \$399 million; outdoor from \$86 million to \$175 million. All this growth occurred while television was growing to \$689 million a year (total spent).



Just as our mighty land is made up of varying scenes . . . rolling plains, winding rivers, snow-capped mountains . . . so Storer audiences are composed of varying elements . . . differing in income, needs, habits, interests. Storer stations plan their programming with these differences in mind.



# STORER BROADCASTING COMPANY

WJBK-TV WAGA-TV WSPD-TV KEYI JIV WBRC-TV Toledo: Ohio Detrait, Mich Birmingham, Ala WJBK. WSPD WAGA KABC WWVA WGBS King W.Va. Miami, Fla. WBRC Taledo, Ohió Detroit, Mich. Atlanta, Ga. San Antonio, Texas Birminghom, Ma. 🕅 NATIONAL SALES HEADQUARTERS

TOM HARKER, V. P., National Sales Director BOB WOOD Midweit National Sales Mgr. 118 East 57 Street, New York 22 Eldogado 5-7,690 • 230 N. Michigan Ave., Chicago 1, FRanklin, 2-649

# P&G'S \$29 MILLION IN 1953 BILLINGS TOPS RADIO-TV NETWORK TIME PURCHASES

Advertiser leads in both radio and video categories. Colgate-Palmolive Co., another scapmaker, placed second with \$16.75 million.

10

**PROCTER & GAMBLE** Co. was the best customer of the broadcast networks last year, spending more than \$29 million (at gross rates) for time on the radio and tv networks during 1953, according to a BOT compilation from the records of individual network program time purchases maintained by Publishers Information Bureau.

Another soap manufacturer, Colgate-Palmolive Co., ranked second in network time purchases for the year, aggregating just over \$16.75 million (gross) for the 12 months of 1953. List of the top 10 broadcast network sponsors during the year appears below, followed by the 10 leading purchasers of time on the radio networks and by a similar list for the tv networks.

It is noteworthy that the combined list and the tv list both include the same 10 companies, whereas only seven of radio's top 10-make the combined list of honor. It also is noteworthy that P&G heads both the radio and tv lists as well as the one for both types of network.

The other tables show the top 10 advertisers for December for the radio and tv networks, and breakdowns of the total time purchases made by members of each product group in December and during the full year, 1953 com-

## **Top Ten Radio Network Clients in 1953**

| 1  | Procter & Gamble Co         | \$14,341,931 |
|----|-----------------------------|--------------|
| 2  | Miles Labs,                 | 7,450,604    |
| 3  | General Foods Corp          | 6,790,739    |
| 4  | Sterling Drug               | 5,955,302    |
|    | Gillette Co.                | 5,803,114    |
| 6  | Calgate-Palmolive Ca.       | 5,614,721    |
| 7  | Lever Brothers Co           | 4,999,197    |
| 8  | General Mills               | 4,627,955    |
| 9  | American Hame Products Corp | 4,393,477    |
| 10 | Liggett & Myers Tobacco Co  | 4,374,014    |

#### Top Ten Radio Network Advertisers in December 1953

| Procter & Gamble Co           | \$1,211,127 1 |
|-------------------------------|---------------|
| 2 Miles Labs                  | 692,898 2     |
| 3 Sterling Drug               | 587,528 3     |
| 4 .General Foads Corp         | 581,393 4     |
| 5 Gillette Co                 | 559,746 5     |
| Colgate-Paimolive Co          | 528,399 6     |
| / Liggett & Myers Tabacco Co  | 441,941 7     |
| 3 American Home Products Corp |               |
| Lever Brathers Co             | 403,865 9     |
| ) Swift & Ca                  | 307,231 10    |

Gross Radio Network Time Sales by Product Groups for December and the Full Year 1953 Compared to 1952

|                                       | December<br>1953 | Full Year<br>1953 | December<br>1952 | Full Year<br>1952 |
|---------------------------------------|------------------|-------------------|------------------|-------------------|
| Agriculture & Farming                 | \$ 92,188        | \$ 1,185,824      | \$ 64,557        | \$ 754,765        |
| Apparel, Foatwear & Access            | 109,955          | 1,222,782         | 78,986           | 420,187           |
| Automotive, Auto. Access. & Equip.    | 895,699          | 8,025,398         | 521,7/14         |                   |
| Seer, Wines & Liquor                  | 205,702          | 1,895,798         | 237,454          | 2,203,316         |
| Building Materials, Équip. & Fixtures | 136,024          | 1,557,965         | 74,304           | 1,023,408         |
| Canfectionery & Soft Drinks           | 215,901          | 3,012,255         | 337,318          | 5,296,820         |
| Consumer Services                     | 223,793          | 2,392,750         | 223,928          | 2,264,301         |
| Drugs & Remedies                      | 1,894,643        | 21,125,242        | 2,015,042        | 21,029,955        |
| Entertainment & Amusements            |                  | 8,936             |                  | 6,090             |
| Food & Faad Products                  | 3,040,095        | 35,125,576        | 3,451,668        | 36,833,737        |
| Gasoline, Lubricants & Other Fuels    | 539,273          | 4,960,230         | 446,187          | 5,179,888         |
| Horticulture                          |                  | 107,324           | 935              | 114,085           |
| Household Equipment & Supplies        | 374,850          | 6,494,710         |                  | 6,561,099         |
| Househald Furnishings                 | 15,846           | 1,651,862         | 143,104          | 1,435,115         |
| Industrial Materials                  | 76,053           | 994,342           | 237,518          | 2,114,852         |
| Insurance                             | 205,721          | 2,242,145         | 253,574          | 3,335,753         |
| Jewelry, Optical Goods & Cameras      | 143,176          | 1,112,890         | 128,896          | 1,006,903         |
| Office Equipment, Writing Supplies    |                  |                   |                  |                   |
| & Stationery                          | 104,440          | 701,139           | 66,530           | 642,675           |
| Political                             | ********         | 779               | *******          | 1,700,596         |
| Publishing & Media                    | 47,317           | 297,075           | 19,130           | 536,884           |
| Radios, Tv Sets, Phonographs, Musical |                  |                   |                  |                   |
| Instruments & Access.                 | 268,268          | 2,488,712         | 189,741          | 2,876,575         |
| Retail Stores & Direct by Mail        | 1,236            | 15,759            | 2,436            | 33,234            |
| Smoking Materials                     | 1,353,228        | 15,007,937        | 1,321,704        | 15,959,995        |
| Soaps, Cleansers & Polishes           | 1,481,537        | 15,890,407        | 1,587,544        | 18,352,951        |
| Sporting Goods & Toys                 | 44,015           | 129,380           | *******          | 83,427            |
| Toiletries & Toilet Goods             | 2,039,982        | 26,028,032        | 2,263,390        | 23,215,160        |
| Transportation                        | 63,228           | 823,111           | 78,488           | 883,426           |
| Miscellaneous                         | 612,612          | 6,036,184         | 421,700          | 5,148,995         |
| TOTAL                                 | \$14,184,782     | \$160,534,544     | \$14,925,099     | \$163,453,466     |

pared to 1952, for both radio and tv networks. Comparison of the top 10 lists for December with those for the year reveals that for both radio and tv networks, nine of the 10 names are the same for the month and year. Swift & Co. is included in radio's December top 10 and not in the 12-month list, which included General Mills, not on the December list. Similarly for the tv network clients, General Electric Co. is in the December list but not in that for the year, while Lever Brothers, on the yearlong top 10 roster, did not reach that rank in December.

#### \* \* \*

## Top Ten Radio-Tv Network Clients in 1953

| 1  | Procter & Gamble Co        | \$29,131,992 |
|----|----------------------------|--------------|
| 2  | Colgate-Palmolive Co       | 16,769,166   |
| 3  | General Foods Corp         | 13,264,892   |
| 4  | Gillette Co                | 12,407,622   |
| 5  | R. J. Reynolds Tobacco Co  | 12,309,614   |
| 6  | Lever Brothers Co          | 10,593,340   |
| 7  | Liggett & Myers Tobacco Co | 10,583,258   |
| 8  | General Motors Corp        | 10,459,141   |
| 9  | General Mills              | 10,175,428   |
| 10 | American Tobacco Co        | 9,727,228    |

## Top Ten Tv Network Clients in 1953

| 1 | Procter & Gamble Co        | \$14,790,061 |
|---|----------------------------|--------------|
| 2 | Colgate-Palmolive Co       | 11,154,445   |
| 3 | R. J. Reynolds Tobacco Co  | 9,053,338    |
| 4 | General Motors Corp        | 7,867,628    |
| 5 | American Tobacco Co        | 7,289,961    |
| 6 | Gillette Co.               | 6,604,508    |
| 7 | General Foods Corp         | 6,474,153    |
| 8 | Liggett & Myers Tobacco Co | 6,209,244    |
| 9 | Lever Brothers Co          | 5,594,143    |
| 0 | General Mills              | 5,547,473    |
|   |                            |              |

## Top Ten Tv Network Advertisers During December 1953

| 1 | Procter & Gamble Co        | \$1,392,710 |
|---|----------------------------|-------------|
| 2 | Colgate-Palmolive Co.      | 1,043,070   |
| 3 | General Motors Corp        | 927,040     |
| 4 | R. J. Reynolds Tobacco Co  | 901,648     |
| 5 | American Tobacco Co        | 691,389     |
| 6 | Liggett & Myers Tobacco Co | 624,537     |
| 7 | General Foods Corp         | 594,856     |
| 8 | General Electric Carp      | 546,114     |
| 9 | General Mills              | 542,279     |
| 0 | Gillette Co.               | 540,559     |
|   |                            |             |

# **Hooper Observations**

"CURRENTLY, the most important business statistic in all advertising is an accurate broadcast audience measurement. No field offers an opportunity for effective, economical advertising which compares with broadcasting—if the advertiser has accurate factual guides. In no field can failure be more devastating faster than in broadcasting if the alleged facts misdirect. And my reference is to both radio and television."— C. E. Hooper, in an address Thursday to the Alpha Delta Sigma Alumni Assn. of Greater New York.

# TelePulse Plans to Boost Size of Market Samples

SAMPLE size of TelePulse surveys is being increased in a number of markets, providing more refined information at no additional cost to subcribers, Dr. Sydney Roslow, Pulse director, announced last week. Involved is doubling of "cluster points," which Dr. Roslow explained as the places in an area where interviewers are sent by Pulse to do monthly questioning.

He announced that starting this month the TelePulse samples in Chicago, Philadelphia and Washington will be raised 20%, bringing them to the same level as New York and Los Angeles. At the same time, the number of interviews in Dallas and Fort Worth will be increased by one-third, he said.

# 'Friends' Out of Top Ratings, But Godfrey Strong Elsewhere

CBS' Arthur Godfrey, whose fondness for humility is well known, last week had what for many a radio-tv star might be regarded as a humiliating experience.

Nielsen Ratings for the two-week period ending Jan. 9 showed Godfrey & His Friends missing from tv's top 10. But CBS authorities tended to discount the drop, felt it did not reflect reaction to the Julius La Rosa firing or the Teterborough (N. J.) airport incident. Godfrey & Friends, it was pointed out, also had been out of Nielsen's top 10 since November. Moreover, last week's listings showed other Godfrey segments entrenched in three of the top 10.

### Gross Tv Network Time Sales by Product Groups for December and Full Year 1953 Compared 1952

|   |                                       | December     | Full Year     | December     | Full Year      |
|---|---------------------------------------|--------------|---------------|--------------|----------------|
|   |                                       | 1953         | 1953          | 1952         | 1952           |
|   | Agriculture & Farming                 | \$           | \$ 4,303      | \$ 25,738    | \$ 25,738      |
| • | Apparel, Footwear & Access            | 323.833      | 2.832.399     | 224,008      | 2,985,411      |
|   | Automotive, Auta. Access & Equip.     | 2,147,125    | 21,059,028    | 1,377,833    | 15,464,800     |
|   | Seer, Wine & Liquor                   | 845,924      | 5,727,087     | 586.284      | 5,649,525      |
|   | 8ldg. Materials, Equip. & Fixtures    | 61,430       | 332,577       | 9.255        | 448,889        |
|   | Confectionery & Soft Drinks           | 620,667      | 5,609,749     | 474,496      | 5,042,282      |
|   | Consumer Services                     | 52,974       | 603,093       | 22.056       | 328,884        |
|   | Drugs & Remedies                      | 1,187,615    | 9,640,633     | 820,659      | 6,102,734      |
|   | Entertainment & Amusements            |              | 11,428        | 4,990        | 8,865          |
|   | Food & Food Products                  | 4,693,463    | 42,181,919    | 3,255,533    | 33,806,938     |
|   | Gasoline, Lubricants & Other Eucle    | 229,422      | 2,861,330     | 322,426      | 3,613,094      |
|   | Horticulture                          |              | 6,113         |              | 12.370         |
|   | Household Equipment & Supplies        | 2,476,441    | 19,946,095    | 1,048,558    | 11,460,099     |
|   | Household Furnishings                 | 314,068      | 2,937,573     | 249.064      | 2,327.885      |
|   | Industrial Materials                  | 500,334      | 4,370,238     | 381,716      | 3,924,505      |
|   | Insurance                             | 135,894      | 1,451,891     | 114,838      | 605.061        |
|   | Jewelry, Optical Goods & Cameras      | 453,291      | 3,154,011     | 313,741      | 2,401,070      |
|   | Office Equipment, Stationery &        |              |               |              |                |
|   | Writing Supplies                      | 371,126      | 1,878,081     | 172,395      | 1;501,630      |
|   | Political                             |              | 5,790         |              | 1,448,092      |
|   | Publishing & Media                    |              | 245,327       | 98,732       | 849,540        |
|   | Radios, Tv Sets, Phonographs, Musical |              |               |              | <u>بر ۲۰ م</u> |
|   | Instruments & Access.                 | 652,302      | 4,324,913     | 359,620      | 5,681,761      |
|   | Retail Stores & Direct by Mail        |              | 23,185        |              | 915,842        |
|   | Smoking Materials                     | 3,545,762    | 36,060,199    | 2,776,847    | 28,430,197     |
|   | Soaps, Cleansers & Polishes           | 2,305,978    | 22,907,419    | 2,093,326    | 21,004,194     |
|   | Sporting Goods & Toys                 | 94,446       | 193,847       | 32,796       | 85,899         |
|   | Toiletries & Toilet Goods             | 3,370,944    | 36,338,809    | 2,550,559    | 24,803,774     |
|   | Transportation                        | 90,969       | 583,668       |              |                |
|   | Miscellaneous                         | 207,799      | 2,294,961     | 146,746      |                |
|   | TOTAL                                 | \$24.681.607 | \$227.585.656 | \$17,462,216 | \$180,794,780  |
|   |                                       | , .,         | ,,            |              |                |

BROADCASTING • TELECASTING


# **CAME THE DELUGE!**

To get an up-to-date line on "who's listening and where," the Double Cola people, through their agency, Noble-Dury and Associates, Inc., ran a 10-week contest on Double Cola's Double Pleasure Party (6:15-6:30 p.m. Saturdays) starring the inimitable Little Jimmy Dickens. Then, according to Double Cola's Bob Ashley, "came the deluge!" - more than 20,000 entries from 34 states and one foreign country - more

> proof that they're listening to WSM not only throughout the Central South, but in many other states, too!

> > To give your product a ride on this powerful beam, talk to Tom Harrison or any Petry Man.



- TRADE ASSNS. --

- FACTS & FIGURES -

## 28.5 Million Tv Sets Sent Dealers 1946-53

SET manufacturers shipped 28,468,818 tv receivers to dealers in the United States from 1946 through 1953, according to Radio-Electronics-Tv Mfrs. Assn. Another 45,308 sets went to Hawaii and 2,330 to Alaska during 1953, only year reports are available for these possessions.

RETMA said over 62% of receiver shipments were concentrated in eight states.

Manufacturers shipped 7,243,073 radios to dealers in 1953 compared to 7,066,794 in 1952, the association said. This figure does not include automobile sets.

Shipments for the 1946-53 period:

| 64.4-  | Total   | State  | Total  |
|--|---|--|--|
| State  |   |  |  |
| Ala.   | 252,860   | Nebr.  | 203,433  |
| Ariz.  | 88,940  | Nev.   | 12,064   |
| Ark.   | 87,670<br>2,611,984   | N. H.  | 85,966   |
| Calif.   | 2,611,984   | N. J.  | 1,462,698  |
| Colo.  | 172,027   | N. M.  | 42,281   |
| Conn.  | 540,026   | N. Y.  | 4,100,448<br>378,770   |
| Del.   | 92,885  | N. C.  | 3/8,//0  |
| D. C.  | 303,279   | N. D.  | 22,178   |
| Fla.   | 337,897   | Ohio   | 2,236,969  |
| Ga.  | 398,558   | Qkla.  | 310,388  |
| Idaho  | 28,616  | Ore.   | 133,563  |
| 111.   | 2,048,620   | Pa.  | 2,647,072  |
| Ind.   | 812,578   | R. I.  | 205,525  |
| lowa   | 407,832   | s. c.  | 125,577  |
| Kan.   | 191,037   | <u>s</u> . d.  | 24,744   |
|  | 333,367   | Tenn.  | 309,091  |
| Ky.  |   | Tex.   | 986,598<br>128,374   |
| La.  | 245,015   | Utah   | 128,374  |
| Maine  | 83,343  | Vt.  | 26,298   |
| Md.  | 546,100   | Va.  | 434,166  |
| Mass.  | 1,257,588   | Wash.  | 366,311  |
| Mich.  | 1,386,542   | W. Va.   | 216,998  |
| Minn.  | 428,080   | Wis.   | 532,857  |
| Miss.  | 87,712  | Wyo.   | 7,123  |
| Mo.  | 714,062   |  |  |
| Mont.  | 12,808  | Grand  | Total 28,468,818   |
|  |   |  |  |
| Shipments of<br>dealers by state   | s for the 12  | months of  |  |
|  |   |  |  |
| dealers by state<br>State  | s for the 12<br>Total   | months of  | 1953 follow:   |
| dealers by state<br>State<br>Ala.  | s for the 12<br>Total<br>91,592   | months of<br>State<br>Nebr.  | 1953 follow:<br>Total<br>49,806<br>9,278   |
| dealers by state<br>State<br>Ala.<br>Ariz.   | s for the 12<br>Total<br>91,592<br>34,710   | months of<br>State   | 1953 follow:<br>Total<br>49,806<br>9,278   |
| dealers by state<br>State<br>Ala,<br>Ariz,<br>Ark.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969   | months of<br>State<br>Nebr.<br>Nev.<br>N. H.   | 1953 follow:<br>Total<br>49,806<br>9,278   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150  | months of<br>State<br>Nebr.<br>Nev.  | 1953 follow:<br>Total<br>49,806<br>9,278   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313  | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. J.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840   | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246   | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216   | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071  | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097   | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>155,071<br>132,097<br>16,021   | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751  | months of<br>State<br>Nebr.<br>Ne. H.<br>N. J.<br>N. M.<br>N. J.<br>N. M.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Jnd.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>155,071<br>132,097<br>16,021<br>56,2751<br>169,487   | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>111.<br>Ind.<br>Iowa  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359   | months of<br>State<br>Nebr.<br>N. H.<br>N. H.<br>N. M.<br>N. M.<br>N. Y.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. C.<br>S. D.   | 1953 follow:<br>Totel<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>563,553<br>42,477<br>58,517<br>22,719  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Ind.<br>Iowa<br>Kan.  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>122,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>86,359<br>73,993  | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. C.<br>S. D.<br>Tenn.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Iowa<br>Kan.<br>Ky.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647   | months of<br>State<br>Nebr.<br>N. H.<br>N. H.<br>N. J.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>111.<br>Ind.<br>Idako<br>111.<br>Ind.<br>Idako<br>111.<br>La.   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742  | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. M.<br>N. J.<br>N. J.<br>S. C.<br>S. D.<br>Tenn.<br>Tex.<br>Utah | 1953 follow:<br>Totel<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Colo.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Ind.<br>Ind.<br>Kan.<br>Ky.<br>La.<br>Maine  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742  | months of<br>State<br>Nebr.<br>N. H.<br>N. J.<br>N. J.<br>N. C.<br>N. J.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Vt.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371<br>15,797  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Idaho<br>Ill.<br>Ia.<br>Kan.<br>Ky.<br>La.<br>Maine<br>Md.                                    | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,591<br>107,774   | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. C.<br>N. D.<br>Ohio<br>Okia.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tens.<br>Utah<br>Vt.<br>Va.  | 1953 follow:<br>Totel<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371<br>15,797<br>115,667   |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Ind.<br>Ind.<br>Kan.<br>Ky.<br>La.<br>Maine<br>Md.<br>Mass.                                     | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,591<br>107,774   | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>N. J.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. C.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Vt.<br>Va.<br>Wash.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371<br>15,797<br>115,667<br>103,316  |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Ind.<br>Ind.<br>Kan.<br>Ky.<br>La.<br>Maine<br>Md.<br>Mass.<br>Mich.                  | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>156,2751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,5751<br>107,774<br>232,577<br>347,308                     | months of<br>State<br>Nebr.<br>N. H.<br>N. H.<br>N. J.<br>N. M.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Va.<br>W. Va.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371<br>15,667<br>103,316<br>60,785                                 |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Idaho<br>Ill.<br>Ind.<br>Idaho<br>La.<br>Ky.<br>La.<br>Maine<br>Md.<br>Mass.<br>Minn. | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,591<br>107,774<br>232,577<br>347,308<br>109,956            | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Vt.<br>Wash.<br>W. Va.<br>Wis.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>563,553<br>42,477<br>58,517<br>116,859<br>320,990<br>23,371<br>15,797<br>115,667<br>103,316<br>60,785<br>146,751                               |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Ind.<br>Ind.<br>Kan.<br>Ky.<br>La.<br>Maine<br>Md.<br>Mass.<br>Minn.<br>Miss.                   | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>122,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,591<br>107,774<br>232,577<br>347,308<br>109,956<br>54,661 | months of<br>State<br>Nebr.<br>N. H.<br>N. H.<br>N. J.<br>N. M.<br>N. M.<br>N. Y.<br>N. C.<br>N. D.<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Va.<br>W. Va.  | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>22,719<br>116,859<br>320,990<br>23,371<br>15,667<br>103,316<br>60,785                                 |
| dealers by state<br>State<br>Ala.<br>Ariz.<br>Ark.<br>Calif.<br>Colo.<br>Conn.<br>Del.<br>D. C.<br>Fla.<br>Ga.<br>Idaho<br>Ill.<br>Ind.<br>Idaho<br>Ill.<br>Ind.<br>Idaho<br>La.<br>Ky.<br>La.<br>Maine<br>Md.<br>Mass.<br>Minn. | s for the 12<br>Total<br>91,592<br>34,710<br>52,969<br>609,150<br>52,313<br>100,840<br>22,246<br>80,216<br>156,071<br>132,097<br>16,021<br>562,751<br>169,487<br>86,359<br>73,993<br>99,647<br>105,742<br>34,591<br>107,774<br>232,577<br>347,308<br>109,956            | months of<br>State<br>Nebr.<br>Nev.<br>N. H.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. M.<br>N. C.<br>N. D.<br>Ohio<br>Okla.<br>Ore.<br>Pa.<br>R. I.<br>S. D.<br>Tenn.<br>Tex.<br>Utah<br>Vt.<br>Wash.<br>W. Va.<br>Wis.   | 1953 follow:<br>Total<br>49,806<br>9,278<br>19,225<br>271,332<br>24,728<br>960,139<br>149,194<br>21,438<br>460,936<br>75,351<br>56,500<br>563,553<br>42,477<br>58,517<br>52,719<br>116,859<br>320,990<br>23,371<br>15,797<br>115,667<br>103,316<br>60,785<br>146,751<br>11,598 |

### Tv Popularity Costs, But It's Worth It—Nielsen

THE MOST POPULAR tv programs are, as might be expected, the most expensive, but they are worth the cost, according to an analysis of September-October telecasts made by A. C. Nielsen Co., which shows them reaching homes at a lower cost per thousand than the less popular shows.

The 18 programs reaching more than seven million homes have an average cost of \$48,900 for time and talent, but their average cost per thousand is only \$5.27, the Nielsen statisticians found.

Other findings: The average half-hour evening radio show costs less per thousand than its tv counterpart, \$6.73 to \$7.81, but the tv show with the lowest cost per thousand (\$3.15) beat radio's lowest (\$3.46).

In daytime tv, dramatic serials had the lowest cost per thousand (\$3.98); in the evening, mysteries held low position (\$6.11).

# NARTB'S TV CODE BEGINS THIRD YEAR, DRAWS SUPPORT, PRAISE FROM LEADERS

Fetzer reports vast self-regulation is in effect, with many of nation's prominent officials and business leaders lauding the NARTB Code.

SELF-REGULATION of tv program and advertising standards has drawn "splendid support" from stations and networks and is gaining increasing recognition from the public, government representatives and business leaders, John E. Fetzer, WKZO-TV Kalamazoo, Mich., chairman of the NARTB Television Code Review Board, said on the eve of the code's second anniversary today (Monday).

"Our third year will find further accomplishment," Mr. Fetzer said, adding that many prominent officials and business leaders have made laudatory statements about the two-year enforcement program.

NARTB President Harold E. Fellows said the code "starts its third year on firm footing due to the patience and work of the review board and, likewise, to the voluntary response of the broadcasting industry." He said the growth in code subscriptions "is running better than 100% over the first year and many new stations are adopting the code before they put a signal on the air. This is testimony to the conscientiousness with which network and station management views its public responsibility and evidence of the code's acceptance as a mark of good standing in television communities."

Edward H. Bronson, director of television code affairs, has spent over a third of his time in the field, meeting with station and network officials. A code bulletin is issued each month to subscribers. Practically all subscribing stations have staff machinery to assume the responsibility of code adherence. Monitoring activity has been increased.

#### Rejected Copy

In the two-year period, subscribers have rejected or caused revision in a number of home-freezer commercials which seemed to misrepresent means of payment and economies, according to NARTB. Beer and deodorant sequences which might have been in poor taste were deleted along with misleading copy covering such phrases as "wholesale," "free," and "limited time offer."

Major code achievements nationally were described as including: Citation of the code as an achievement in self-regulation by the Harris Committee, House of Representatives; establishment of a set of practices in regard to use of physicians, dentists and nurses in tv advertising which met the desires of professional medical groups; a pronounced shift in the timing of programs involving mystery and crime to avoid hours when most children are viewing; general heightening of caution in regard to the costuming of television performers; and a broadened public appreciation of the constantly-improving quality of television programming plus mounting recognition of the code board as the logical group to handle inquiries.

The code was revised by the NARTB Television Board at the January meeting [B•T, Jan. 25]. The new document will be distributed in a few days.

Comments on self-regulation and the code include these excerpts:

Sen. John W. Bricker (R-Ohio), chairman of Seuate Interstate & Foreign Commerce Committee—"This is a fine example of recognition of public responsibility upon the part of television broadcasters."

Rep. Charles A. Wolverton (R-N. J.), chair-

man of House Interstate & Foreign Commerce Committee—"I am confident that your industry will continue to prefer self-regulation to government regulation."

FCC Chairman Rosel H. Hyde—"The Television Code marks a significant step forward in the process of voluntary self-regulation on the part of the industry. It can be a great instrument to meet the expanding needs of a dynamic medium."

Richard L. Bowditch, president, U. S. Chamber of Commerce—"American business leaders compliment the television industry on the forthright steps it is taking to see that this medium maintains the highest possible moral and ethical standards."

Frederic R. Gamble, president, American Assn. of Advertising Agencies—"Advertising agencies subscribed fully to the need for the Code. It is good to have it—and fine that it has been strengthened in recent weeks. Now all of us have the responsibility to live up to it—advertisers, advertising agencies and broadcasters."

Dr. George F. Lull, secretary and general manager, American Medical Assn.—"Your code is now well established as the criterion by which the medical profession can verify the good faith of television stations."

Rev. Clayton T. Griswold, chairman, Broadcasting & Film Commission, National Council of Churches — "Protestant church members throughout America regard the code seal of approval as evidence of the conscientiousness and fairness of television stations in relation to programming which involves religion and moral issues."

Martin H. Work, executive secretary, National Council of Catholic Men—"The very existence of this code, to say nothing of the television industry's persevering application of it these past two years, is a real tribute to their sense of responsibility for the public welfare."

# MOORE IS NARTB DIST. 4 DIRECTOR

JAMES H. MOORE, executive vice president and treasurer of the Shenandoah Life Stations (WSLS-AM-TV. Roanoke, Va.), last week was



automatically elected to represent District 4 (N. C., S. C., Va., D. C.) on the NARTB Board of Directors. He takes office at the annual NARTB convention during the week of May 23, succeeding Harold Essex, WSJS Winston - S a l e m, N. C., ineligible to run again. Mr. Moore was

one of the three Dis-

MR. MOORE

trict 4 nominees who received five or more votes in the recent nominations [B•T, Feb. 22]. Richard H. Mason, WPTF Raleigh, N. C., announced last week he was withdrawing from the election. J. Frank Jarman, WDNC Durham, N. C., nominated for medium station

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Basic Benefil e,

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| AI+H  | Att. l. C            | DATD    |        |
| Pelect these &  | Stations for S       |         |        |
| EAST, SOUTHEAST   | C                    |         |        |
| WBZ-WBZA  | Boston-Springfield   | NBC     | 51,000 |
| WGR   | Buffalo              | CBS     | 5,000  |
| KYW   | Philadelphia         | NBC     | 50,000 |
| KDKA  | Pittsburgh           | NBC     | 50,000 |
| WFBL  | Syracuse             | CBS     | 5,000  |
|   |                      | • •     |        |
| WCSC  | Charleston, S. C.    | CBS     | 5,000  |
| WIST  | Charlotte            | MBS     | 5,000  |
| WIS   | Columbia, S. C.      | NBC     | 5,000  |
| WGH   | Norfolk-Newport News | ABC     | 5,000  |
| WPTF  | Raleigh-Durham       | NBC     | 50,000 |
| WDBJ  | Roanoke              | CBS     | 5,000  |
|   |                      |         | 2,000  |
| MIDWEST, SOUTHWEST  |                      |         |        |
| WHO   | Des Moines           | NBC     | 50,000 |
| WOC   | Davenport            | NBC     | 5,000  |
| WDSM  | Duluth-Superior      | ABC     | 5,000  |
| WDAY  | Fargo                | NBC     | 5,000  |
| WOWO  | Fort Wayne           | NBC     | 50,000 |
| WIRE  | Indianapolis         | NBC     | 5,000  |
| KMBC-KFRM   | Kansas City          | CBS     | 5,000  |
| KFAB  | Omaha                | CBS     | 50,000 |
| WMBD  | Peoria               | CBS     | 5,000  |
|   |                      | • •     |        |
| KFDM  | Beaumont             | ABC     | 5,000  |
| KRIS  | Corpus Christi       | NBC     | 1,000  |
| WBAP  | Ft. Worth-Dallas     | NBC-ABC | 50,000 |
| KXYZ  | Houston              | ABC     | 5,000  |
| KTSA  | San Antonio          | ABC     | 5,000  |
| MOUNTAIN AND WEST   |                      |         |        |
| KDSH  | Boise                | CBS     | 5.000  |
| KVOD  | Denver               | ABC     | 5.000  |
| KGMB-KHBC   | Hopolulu-Hilo        | CBS     | 5,000  |
| KFX   | Portland             | ABC     | 50,000 |
| KIRO  | Seattle              | CBS     | 50,000 |
| APARO -   | Julli                |         | 50,000 |
| KFAB<br>WMBD<br>KFDM<br>KRIS<br>WBAP<br>KXYZ<br>KTSA<br>MOUNTAIN AND WEST<br>KDSH<br>KVOD<br>KGMB-KHBC<br>KEX<br>KIRO |                      |         | i in   |
|   |                      |         |        |

# SPOT RADIO

# 5 "Choice of Audiences– The Ones You Want"

by JAMES M. WADE Manager, Atlanta Office

We have no doubt (and you probably don't, either) that some men do buy foods, soaps, etc. — that some women buy pipe tobacco — that some city men buy farm implements. Etc. But if you were selling tractors (say) we'll bet you'd want a really rural audience for your advertising efforts, and a *male* audience at that.

"Choice of audience" is certainly the most fundamental requirement in any selling effort.

Spot Broadcasting, more than any other mass medium, permits you to *select your audience* — to reach the people you want most to reach, with a minimum of waste. You select the markets, the time, the programs, the stations that are logical for *your* prospects.

Spot Radio is "beamed radio" as contrasted with "umbrella radio". It is *efficient* radio, and it costs less than any other mass medium you can use.

ATLANTA

**CHICAGO** 

NEW YORK

| · | (E)                     |
|---|-------------------------|
|   |                         |
| 1 | CHOICE OF MARKETS       |
| 2 | CHOICE OF STATIONS      |
| 3 | CHOICE OF TIME          |
| 4 | CHOICE OF PROGRAMS      |
| 5 | CHOICE OF AUDIENCES     |
| 6 | CHOICE OF BUDGETS       |
| 7 | CHOICE OF MERCHANDISING |



DETROIT FT. WORTH HOLLY

HOLLYWOOD SA

SAN FRANCISCO

/• • • •

director-at-large and District 4 director, decided to run in the medium category. District 4 has the second largest membership of the 17 regions.

NARTB's charter and by-laws contain no provision for write-in balloting in board elections. Consequently the requirement that two nominees be named for each post was satisfied when Messrs. Moore, Mason and Jarman each received five or more votes, according to NARTB.

Mr. Moore joined WSLS in 1940 as manager, having previously been assistant manager at WLVA Lynchburg, Va. He was born Jan. 7, 1903, in North Wilkesboro, N. C., receiving his education at Appalachian State Teachers College and Cincinnati Conservatory of Music. After studying voice in Washington and New York he sang professionally eight years. He entered radio at WOL Washington over two decades ago, moving in 1930 to Dixie Network, Charlotte, N. C., where he sang under several names. He sang for Texas stations in 1932, joining WLVA in 1933 as an announcer.

He is director of BAB; past president of Virginia Assn. of Broadcasters; served as an OWI radio consultant during the war; holds many civic posts in Roanoke. He has served on NARTB committees.

NARTB headquarters announced the following decisions by nominees in addition to those of Messrs. Mason and Jarman:

Sam W. Anderson, KFFA Helena, Ark., to run as District 6 director, rejecting medium.

Paul R. Bartlett, KFRE Fresno, Calif., declined fm nomination.

- H Quenton Cox, KGW-AM-FM Portland, Ore., to run in fm class, rejecting medium.
- Simon Goldman, WJTN-AM-FM Jamestown, N. Y., to run in fm class, rejecting small. Michael R. Hanna, WHCU-AM-FM Ithaca,

N. Y., to run for re-election in fm class, rejecting medium.

- Rex Howell, KFXJ Grand Junction, Colo., to run for District 14 post, rejecting medium. Albert D. Johnson, KOY Phoenix, to run
- for re-election in District 16, rejecting medium. Merrill Lindsay, WSOY-AM-FM Decatur,
- Ill., to run in fm class, rejecting small.

Robert T. Mason, WMRN-AM-FM Marion, Ohio, to run in small class, rejecting fm.

Ben B. Sanders, KICD Spencer, Iowa, to run in small class, rejecting District 10.

E. C. Sowell, WLAC Nashville, declined to run in District 6.

E. R. Vadeboncoeur, WSYR-AM-FM Syracuse, N. Y., to run for re-election in District 2, rejecting medium and fm.

Walter E. Wagstaff, KIDO Boise, Idaho, to run in District 14, rejecting medium.

Edwin K. Wheeler, WWJ-AM-FM Detroit, to run in medium class, rejecting fm.

#### Arkansas Broadcasters Set Meet March 28-30

ARKANSAS Broadcasters Assn., meeting March 28-30 at the Albert Pike Hotel, Little Rock, will incorporate the March 29 BMI Program Clinic into its activities.

ABA speakers this year, according to W. V. Hutt, KLRA Little Rock, president of the association, will include Sidney M. Brooks, Sidney M. Brooks Advertising, Little Rock; David R. Milsten, western counsel, SESAC; Weldon Stamps, general manager, KSFA-AM-TV Ft. Smith; Tom Dillahunty, KOSY Texarkana, and W. N. McKinney, KELD El Dorado.

Speakers at the BMI clinic, according to Glenn Dolberg, BMI station relations vice president, will be William F. Rippetoe, general manager, WBOW Terre Haute, Ind.; Mar-



"EMMY" AWARD of Academy of Television Arts & Sciences for NTSC color tv work is presented in New York to Dr. W. R. G. Baker (r), General Electric Co. vice president and NTSC chairman, by H. L. Hoffman, head of Hoffman Radio Corp., and RETMA director. Mr. Hoffman had accepted the award in Los Angeles on Dr. Baker's behalf.

vin Hult, program director, WMBD Peoria, Ill.; Charles Crabtree, co-manager, KOIL Omaha, Neb.; Harlan Judkins, KFPW Fort Smith, Ark., and Mrs. Mescal Johnston, woman's service director, KLRA Little Rock.

# RADIO, TV LAG IN BANK SURVEY

BANKS offer a scarcely-scratched field for the enterprising radio or tv salesman, according to a survey of the advertising plans of the 14,130 commercial banks in the nation for 1954, made by the advertising department of American Bankers Assn. They comprise a market worth going after, for ABA reported that this year bank advertising of all forms will aggregate some \$68 million, a new high that will top the 1953 total by about \$7 million.

The 3,302 banks participating in the survey rank radio fifth among all advertising media, with only a third of the total—1,130—reporting plans to use radio this year. Tv ranks tenth, and last, with only 180 banks saying they expect to use tv advertising in 1954. Tv is on the upgrade, however, ABA noting that "while television still occupies tenth position, the number of banks reporting use of this medium in 1954 has more than doubled since last year."

Newspapers are the favorite advertising medium of banks, according to the survey, with 2,960-89.6% of all reporting-planning to use them this year. Direct mail ranks second (2,792), window and lobby displays third (2,-188), calendars fourth (1,925), then radio.

#### **TAB Meets April 23**

TEXAS Assn. of Broadcasters will meet April 23 at the Adolphus Hotel, Dallas, with NARTB President Harold E. Fellows as luncheon speaker. Jeff Williams, Oklahoma humorist, will be the dinner speaker. Wives of delegates will be entertained at a luncheon-style show at the Nieman-Marcus store.

# PRINTED COLOR ADS WORTH HIGH COSTS

H. M. Beville Jr., NBC research and planning director, tells American Marketing Assn. that published color ads come high but are worth the cost. This should set precedent for tv, he says.

COLOR advertising in magazines and newspapers costs more than black-and-white but it's worth it, H. M. Beville Jr., NBC director of research and planning, told a luncheon meeting of the American Marketing Assn. in New York on Thursday. And there's every indication that this fact constitutes a good precedent for color television, he stated.

Mr. Beville was part of a three-man panel that answered questions concerning the advertising and marketing, technical and programming aspects of color tv, asked by the meeting's chairman, Donald B. Armstrong Jr., vice president and research director, McCann-Erickson. Other panelists were Robert Shelby, NBC director of color tv systems development, and Barry Wood, executive producer in charge of color coordination for NBC. [For detailed article on color tv production, see page 59.]

Magazines charge on the average a 41% premium for color over black-and-white advertising, an analysis of 18 leading magazines showed, Mr. Beville reported, with a variation for individual magazines from 35% to 50%. Starch reports on advertising noted by magazine readers, he said, indicate that color ads get noted by just about 40% more readers than do black-and-white ads, justifying their increased cost.

Added cost for color in Sunday supplements averages 20% to 25% above black-and-white, Mr. Beville said, with increases noted for color ads in these supplements running 25% to 50% above black-and-white. As to color in daily papers, Mr. Beville cited a survey made by the *Milwaukee Journal* which showed the four-color pages getting 50% more readership by women and three times as much by men as black-and-white pages.

#### **NBC Studying Costs**

What color will cost the tv network program sponsor is being carefully studied by NBC, with cost records kept on each commercial program that is colorcast and compared with those for a black-and-white telecast of the same program, Mr. Wood reported. Figures are now being compiled by the network's auditors and will be available shortly to advertisers and agencies, he said. "I can't tell you how much more color will cost the tv advertiser," he said, "but whatever it is it will be well worth it."

Asked about equipment costs for tv broadcasters who want to put color programs on the air, Dr. Shelby said that to broadcast network color shows a station would have to spend between \$15,000 and \$30,000, depending on how much test equipment and how many color monitors are purchased. For local color program originations, he said it would be difficult to quote overall figures, but a good rule of thumb would be to figure that it would cost about three times as much to originate a color signal as it does to originate a black-and-white signal.

# On the Air March 1st WDSM—TV CHANNEL 6 CBS

THE FIRST VHF STATION WITH LOCAL AND CBS NETWORK COMMERCIAL PROGRAMS SERVING THE RICH DULUTH-SUPERIOR AREA

> 100 Kw by Mid-Summer Microwave Relay in September Reception good within 100 mile radius Excellent News Coverage Only Facsimile Machine in market

CBS for Duluth - Superior Represented by Free & Peters, Inc.



**RADIO CAMPAIGN for Howard Clothes Inc.,** Philadelphia, is discussed by (I to r) Jack de-Russy, WCAU Philadelphia am sales mgr.; Bill Campbell, WCAU sports dir., and Frank Porter, supervisor of Howard. Firm sponsors morning sports show on WCAU.



COVERAGE of new Country Tune Parade on 113 NBC stations is reviewed by (I to r) Wil-liam Yonan, NBC Chicago acct. exec.; George Diefenderfer, NBC Central Div. radio network sales mgr.; Jerome Garland, pres., d-Con Co. (rodenticides), which bought series for first 13 weeks, and Alvin Eicoff, firm adv. dir.



PLANS for new Texaco Sports Final starting March 1 on 30 CBS Pacific and mountain region radio stations, receive final going-over in Hollywood by (1 to r) William D. Shaw, gen. mgr., CPRN; Tom Harmon, CPRN sports dir. and host of program; and D. E. Beaton, mgr. of Pacific coast territory, The Texas Co., N. Y.

CHARLES S. MARTIN (c), pres., Charles S. Martin Distributing Co. (appliances), Atlanta, signs for seventh year of newscasts on WSB Atlanta. Flanking him are Holt Gewinner (I), WSB salesman, and Frank Gaither, station mgr.



## NARTB Revives Work **On Station Circulation**

PLANS to start work on the long-deferred television station circulation project were revived last week by NARTB, with prospect that an industry-wide test measurement may develop this year.

Action on the project had been deferred by the NARTB Television Board at its January meeting [B•T, Jan. 25], with a decision to let a new committee scan the whole idea. five-man Tv Board subcommittee met Wednesday at NARTB headquarters, deciding to set up an "implementation-organization committee" as the next step.

The new committee is to be named in the near future. It will look into the work and recommendations of the Television Circulation Study Committee, which reported to the Board in January. This group, when appointed, will report to the Tv Board on its proposals to pre-test the circulation plan prepared by Dr. Franklin R. Cawl, market research consultant. The original circulation committee has been discharged.

Formation of non-profit corporation outside NARTB will be considered. The implementation-organization group will report to the Tv Board with plans for a continuing television circulation count.

Policy decisions will involve the place of advertisers and agencies in the project. These affiliated industries had active board participation in the two Broadcast Measurement Bureau studies of radio circulation but present sentiment is described as favoring control of the project by telecasters, with advertiser-agency groups participating on an advisory basis.

Taking part on Wednesday's board subcommittee meeting were Campbell Arnoux, WTAR-TV Norfolk, Va.; Kenneth H. Carter, WAAM (TV) Baltimore; Ward Quaal, WLWT (TV) Cincinnati; Paul Raibourn, KTLA (TV) Los Angeles; Robert D. Swezey, WDSU-TV New Orleans, and NARTB headquarters officers.

#### **UHFTA Continues Protest On Vhf Transmitter Moves**

THE Ultra High Frequency Tv Assn. has asked its members for advice on how to proceed in opposing changes of vhf stations' transmitter locations, which, in the words of the associations, tend areas." "to consolidate several market

The association's action came after it received an FCC response throwing cold water on its suggestion that tv rules be amended to restrict the location of tv stations to "the vicinity of the community to which the frequency is allocated" [B•T, Jan. 25]. Referring to WORD-TV Spartanburg, S. C.,

which received FCC permission to begin vhf ch. 7 operations on an interim basis from Paris Mt., six miles outside of Greenville, S. C. [B•T, Feb. 1 et seq.], Uhf Tv Assn. claimed that such moves would subject uhf operators in uhf-only markets to high-power vhf competition. It stated that the dangers in permitting such "mislocations" were:

(1) Diminished service to the city of allocation and portions of its area; (2) competition with other channels, particularly uhf, assigned to other cities; (3) network affiliation tends to go to the station covering several market areas; (4) retarding of conversions of vhf sets for uhf reception; (5) defeat of basic allocation principles; (6) acceleration of intercity connections and the retardation of such connec-

tions for single communities. "The result," the Uhf Tv Assn. said, "may be a series of regional stations outside of the principal metropolitan areas affording a minimum satisfactory service to a maximum number of people."

Copies of the association's letter were sent to FCC commissioners and members of the Senate and House Interstate & Foreign Commerce Committees.

## AP GROUP FORMED TO BOLSTER RADIO

PLANS for the formation of a national association to be elected by AP member stations for the purpose of strengthening AP Radio news report and assisting station management sales-wise on radio news and features were outlined last week by the AP Radio member committee.

After details of the proposal were enumerated at the second annual meeting of the committee in New York last Tuesday and Wednesday, Les Mawhinney, news director of KHJ Los Angeles and general chairman of the committee, appointed a subcommittee to work out the mechanics of the future organization. He named on this group Tom Eaton, news director of WTIC Hartford; Daniel W. Kops, vice president and general manager of WAVZ New Haven, and Oliver Gramling, assistant general manager of AP. The sub-committee was asked to return a report to the full committee within six months.

Frank J. Starzel, general manager of AP, pledged full cooperation by the AP to the work of the new association, but emphasized "we have studiously avoided any effort to dictate or control.'

#### **Plans For NARTB Convention** Equipment Display in Mail

FLOOR plans for the annual NARTB convention exposition of light equipment and services were mailed last fortnight to associate members, only firms eligible to display their wares. The convention will be held during the week starting May 23, with the Palmer House, Chicago, as site.

Light gear and services will be centered on the seventh and eighth floors, with heavy equipment on the fourth floor. Most of the fourth floor space has already been allotted. The exposition is in charge of C. E. Arney Jr., NARTB secretary-treasurer, with Arthur C. Stringer as show manager.

Assignment of seventh and eighth floor rooms started last Friday, Mr. Stringer said. Only associates who are members prior to April 23 will be eligible to enter displays.

#### NBA, BMI Sessions

ANNUAL meeting of Nebraska Broadcasters Assn. is scheduled to be held April 8 at the Country Club, Beatrice, according to Bob Thomas, WJAG Norfolk, NBA president. KWBE Beatrice is the host station and Ralph Hardy, NARTB vice president will be the featured luncheon speaker. The meeting will follow the area BMI Program Clinic to be held April 7. B•T earlier reported that the BMI clinic would be held the same day as the NBA meeting [BoT, Feb. 15].

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LIKE A TENT!...that describes how KMPC covers Southern California. 5,472,411 people; 1,538,535 radio homes; 1,187,038 car radios, in 205 Southern California communities.

50,000 watts days, 10,000 watts nights. Represented nationally by AM Radio Sales Co. New York – Chicago – Los Angeles



710 кс. Los Angeles, California

GENE AUTRY -- President R. O. REYNOLDS -- Vice President & General Manager

# KILGORE DECRIES 'MONOPOLY' TREND IN RADIO-TV INDUSTRY

Senator asks Congress to study the 'threat' of radio interests taking over the television field. He suggests that existing federal agencies may not be able to handle the concentration and that the Senate might help out. He urges two Senate committees to investigate.

A SUDDEN Senatorial verbal wallop is being delivered to the "radio veteran" in the broadcast field.

A cry of a trend to "monopoly-snowballing concentration" in radio and television is being raised by Sen. Harley M. Kilgore (D-W. Va.).

The Senator, in a statement which was to be released over the weekend, asks Congress to study "a threat of developing monopoly in communications."

Sen. Kilgore, second ranking minority member on the Senate Judiciary Committee and a 14-year man in the Senate, in effect accuses radio interests of setting up the developing monopoly in the media by acquisition of tv properties.

The Kilgore statement was in the form of a letter to Senate Judiciary Committee Chairman William Langer (R-N. D.) and Senate Commerce Committee Chairman John W. Bricker (R-Ohio). In it, the Senator urged the two committees to look into the matter.

His statement was to be released only three days before FCC members were scheduled to appear before the Potter Subcommittee on Communications (see story, page 51).

This latest move by Sen. Kilgore followed up his insertion in the Feb. 16 Congressional Record of an article titled "Shall Radio Take Over Television?" [BoT, Feb. 22].

Gist of the article, by two Washington attorneys and printed in the April 1953 issue of the U. of Pennsylvania Law Review, is that tv ownership should not be accorded radio owners in the interests of diversification in the communications media.

#### Control Over Both

Sen. Kilgore asserted that article pointed up "snowballing concentration of control over two vital communications facilities, radio and television. . . ."

The article was written by attorneys Henry B. Weaver Jr. and Thomas M. Cooley II of the law firm, Weaver & Glassie,

The so-called "monopoly" in the field, the way Sen. Kilgore sees it, is found in these allegations made by the Senator:

1. "Radio and television are each now dominated by four nationwide networks.

2. "If radio interests succeed in gaining dominance of television, further concentration is inevitable, and perhaps it will create something even approaching complete monopoly of broadcasting.

3. "Actually, a single corporation now owns not only several major radio and television stations, but also a nationwide radio network and a nationwide television network, while at the same time it is one of the largest producers of broadcasting equipment and receivers and exercises a wide influence throughout the industry by reason of its ownership of numerous important patents." It was obvious the Senator was alluding to RCA.

The Senator said this "concentration . . poses problems which at a minimum would strain the resources of the Dept. of Justice Anti-Trust Division in addition to any possible exercise of authority by the [Federal] Com-munications Commission."

According to Sen. Kilgore "it may well be

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that existing powers and agencies are simply incapable of dealing with a concentration of such inordinate size and infinite ramifications."

But "in any event, it seems to be that the Government agencies concerned may stand in need of suggestion from or assistance" by the Senate committees.

Sen. Kilgore said, "Any threat of developing monopoly in communications is a far more serious matter than mere economic monopoly in other fields, as important as this is.

'No other function in our society is as essential to preserve our institutions as is free and untrammelled communication of information and opinion. Of course, we can have neither under monopoly condition or those of concentrated control."

His remedy: "I therefore urge that your committee [both Judiciary and Commerce] give serious study to all aspects of the urgent policy problem this article points out and also to its larger implications in the monopoly field."

The Senator in his letter referred to "some effort to avert this danger [of developing monopoly]" in FCC's decision last year granting tv ch. 7 in Denver to Aladdin Radio & Television Inc. (KLZ-TV Denver) [BoT, July 6, 1953].

In this decision, according to Sen. Kilgore, FCC "explicitly recognized the desirability of

SEN. HARLEY M. KILGORE

Says radio is taking over tv

diversifying ownership of mass communications media and reiterated its policy to favor applicants for new broadcast facilities who would bring newcomers to the field rather than multiplying facilities in the same hands."

This was in reference to FCC's statement at that time answering a contention by the competing applicant, Denver Television Co., that because of Aladdin's radio operation and the radio interests of its officers and directors, it would have been more in the public interest to approve Denver Television, thus bringing about diversification in ownership of communications media.

FCC noted then that it had "held that diver-

sification of control of media is desirable" and that in the absence of other comparative considerations, a grant would better serve the public interest if it resulted in greater diversification of radio and tv ownership. But in the Denver case, FCC found "Aladdin has demonstrated its superiority in all other material respects" which "clearly outweighs the comparative advantage enjoyed by Denver Television" because the latter lacked other radio or tv interests.

Sen. Kilgore a fortnight ago had told B•T that he thought FCC's criterion seemed to be that if a broadcaster applied for a tv station he should get it.

The Senator had asserted that if one man owned the only local newspaper, the only local radio station and also the only tv station. the situation would result in a one-sided presentation of news and issues no matter how non-partisan the owner strives to be.

FCC Grants Houston Its Second Coml. Vhf

FCC finalizes earlier initial grant to Houston Tv Co., representing a merger of four applicants. Other grants made in Washington, D. C.; Selma, Ala.; El Dorado, Ark., and Rapid City, S. D.

SECOND commercial vhf tv station for Houston, Tex., was authorized by the FCC last week in a decision making final an earlier initial grant for ch. 13 to Houston Television Co., representing a merger of four applicants [B•T, Jan. 18, 11].

In non-hearing actions, the Commission granted permits for uhf ch. 50 at Washington, D. C., to United Broadcasting Co. (WOOK), the first uhf outlet there in a four-vhf station market; vhf ch. 8 at Selma, Ala., to Deep South Broadcasting Co. (WBAM Montgomery); vhf ch. 10 at El Dorado, Ark., to South Arkansas Tv Co. (KVMA Magnolia, Ark.), and vhf ch. 7 at Rapid City, S. D., to Hills Broadcasting Co.

In the Houston ch. 13 action, FCC conditioned the grant upon approval of the merger before construction of the tv station shall commence. The merger proposal involved dismissal of competitive applications by KTRH Broadcasting Co. (KTRH), Houston Area Television Co. and Tv Broadcasting Co. of Houston. The fourth applicant, Houston Television Co., retained its bid before FCC for approval.

#### Will Assume Permit

A new firm, Houston Consolidated Television Co., eventually will assume the ch. 13 permit after FCC approval of the merger and transfer. Houston Consolidated's stock will be held in these proportions: KTRH Broadcasting, 32%; Houston Area Television Co.'s 17 stockholders, 32%; Houston Television Co.'s 15 stockholders, 20%, and Houston Mayor Roy Hofheinz, individually, 16%. Mayor Hofheinz was president and 50% owner of Tv Broadcasting Co. of Houston. He has agreed to sell his 25% holding in KTHT Houston if required.

KPRC-TV Houston is operating on vhf ch. 2 and educational noncommercial KUHT (TV) is on ch. 8. KNUZ-TV Houston is operating on uhf ch. 39. Uhf ch. 23 KTVP (TV) and



for audio Control

# THERE'S JUST NOTHING FINER,

The Gates CC-1 all plug-in audio console is *superlatively fine* — commercially beautiful to look at — warmingly satisfying to operate — technically superb — functionally complete beyond expectation — and upholds the tradition of those that have long been associated with the very best.

There is indeed a lot of pleasure and contentment in the operation of a speech input console so quality filled—that behind the control panel are parts and workmanship that spell complete reliability and assurance that your audio quality and handling cannot be excelled—anywhere.

Your 240-page Gates master catalog, Pages 120-124, or speech input catalog DS-534, tells the CC-1 story. If your copy has been misplaced, only the asking will send another on its way to you.

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5ALES

Atlanta, 13th & Spring Sts. Montreal, Canadian Marcani Ca. uhf ch. 29 KXYZ-TV there have not announced target dates.

It is expected the Houston ch. 13 grantee will negotiate with CBS for affiliation, since each of the four original applicants specified CBS in their bids.

United Broadcasting Co.'s president and general manager, Richard Eaton, estimated the first uhf outlet for the Nation's Capital would commence operation Jan. 1, 1955. Besides WOOK Washington, United owns WINX Rockville and WARK Hagerstown, both Md.; WANT Richmond, Va.; WJMO Cleveland, and WSID Baltimore. WSID-TV holds permit for uhf ch. 18.

Operating vhf stations in Washington are ch. 4 WNBW (TV), ch. 5 WTTG (TV), ch. 7 WMAL-TV and ch. 9 WTOP-TV. WGMS Washington WEAM Arlington, Va., are in contest for uhf ch. 20 while educational uhf ch. 26 is expected to be applied for by Greater Washington Educational Television Assn.

The ch. 8 grant at Selma to WBAM Montgomery was made possible by the withdrawal of a competitive application by Dallas Broadcasters Inc. [B•T, Feb. 22].

Similarly, the ch. 7 permit to Hills Broad-casting at Rapid City was facilitated by the dropout of KOZY-TV Inc., headed by former FCC aspirant Robert J. Dean, chief owner of KOTA and KOZY (FM) there [B•T, Feb. 22]. Hills Broadcasting is headed by N. L. Bentson, chief owner of WMIN St. Paul.

Meanwhile, KOTA last week petitioned FCC to support the proposed allocation of vhf ch. 3 there, indicating it will file for the channel when the assignment is made final [B•T, Feb. 8].

A fortnight ago, Tv Enterprises Inc. dropped its bid for ch. 10 at El Dorado, clearing the field for the grant there to Southern Arkansas, under common ownership with KVMA Magnolia. Tv Enterprises was owned chiefly by P. H. Barton, president of KARK Little Rock.

#### **FCC Approves Seven Radio Station Transfers**

SEVEN radio properties traded hands last week as the FCC approved transfers including WAGE Syracuse, N. Y., and WSPA-AM-FM Spartanburg, S. C.

WAGE was sold for \$200,000 to Meredith Syracuse Radio Corp. Meredith Syracuse is a wholly-owned subsidiary of Meredith Pub. Co., publisher of Better Homes & Gardens and Successful Farming and operator of KCMO-AM-FM-TV Kansas City, WHEN (TV) Syracuse, WOW-AM-TV Omaha, and KPHO-AM-TV Phoenix, Ariz.

At Spartanburg, FCC approval was given to the sale of WSPA-AM-FM for \$400,000 to Spartan Radiocasting Co., permittee of vhf ch. 7 WORD-TV. The sale is to effecutate a merger agreement between WSPA and WORD enabling the ch. 7 grant to WORD-TV [B•T, Nov. 30, 1953].

At the same time, approval was given to the sale by Spartan Radiocasting of WORD and WDXY (FM) for \$150,000 to WORD Inc. [B•T, Feb. 8].

Spartan Radiocasting will change the call letters of its tv outlet to WSPA-TV.

Other transfers receiving FCC approval were:

WSO Springfield, Ohio—Assignment of li-cense from Radio Springfield Inc. for \$50,000 to WWSO Broadcasting Corp. KFOX Long Beach, Calld.—Transfer of control to F. A. Fetsch and W. T. McDonald through purchase of 90% interest for \$135,000. KXIT Dalhart, Tex.—Assignment from Dalrad Associates to Dalhart Broadcasters, partnership of Robert J. and Leonard J. Beller, for 3-year lease at rental of \$300 per month. WJBW-AM-FM New Orleans, La.—Assignment from Louise C. Carlson to corporate entity Louise C. Carlson Inc.

# JOHNSON CHARGES CARDS BROADCASTS WOULD PROMOTE MONOPOLY FOR BUSCH

Senator introduces measure to bring under anti-trust laws any ball club owned by a beer or liquor company. Anheuser-Busch drops its radio schedule in nine minor league cities, whittling overall plans to about 1953 season size.

THE WRATH of Colorado's Ed C. Johnson (D) fell last week on the radio coverage plans of St. Louis Cardinals' owner-president August A. Busch Jr., also president of the Budweiser brewery, Anheuser-Busch Inc., a big radio-tv advertiser.

Sen. Johnson delivered a sharp curve that cut across the path of Mr. Busch, the big leagues in general and the use, of radio to broadcast big league games in minor league territory.

His charges were answered immediately by Mr. Busch and others.

The Senator, who is author of a bill that would bar major baseball broadcasts in minor league territories, is president of the minor circuit, The Western League. He is also allied with the "dry" forces who have been against any and all beer broadcasts and had



SEN. ED C. JOHNSON "He gives away baseball . . . not beer"

introduced a bill in the 82d Congress to prohibit hard liquor advertising on the airwaves. Neither bill got far, although the baseball measure cleared committee last year.

The Johnson attack was delivered Tuesday on the floor of the Senate. The Senator, ranking minority member of the Senate Interstate & Foreign Commerce Committee, at the same time introduced a joint resolution (S J Res 133) that would bring under anti-trust laws any professional baseball club owned by a beer or liquor company.

He said he was aiming the legislation "specifically at the beer-baseball combination in St. Louis where Mr. August A. Busch . . . has been permitted to gain control of the St. Louis Cardinal baseball club.

Sen. Johnson asserted Mr. Busch was using the Cardinals "to promote the monopoly of Anheuser-Busch over his competitors in the brewing industry" and that he was using a planned 120 radio station regional broadcast of Cardinal games to achieve that purpose.

He said that Mr. Busch at the same time "is ruthlessly and deliberately annihilating minor league baseball in a large area of the Midwest by planning to broadcast Cardinal games to minor league cities.

"But in this crusade, he does not give away beer. He gives away baseball and he takes a nice fat deduction in doing it. With Uncle Sam picking up the tab, it is nice going for a beer peddler."

He charged an "unholy alliance" between beer and baseball as having "an unhealthy influence upon the youngsters of America."

Sen. Johnson told the Senate he was informed of the Cardinals' decision (of Feb. 20) to drop previous planned broadcasts of Cards games in Omaha, Houston, Columbus (Ohio), Wichita, Indianapolis, Burlington (Iowa), Mount Vernon and Paris (Ill.) and Muskogee (Okla.). "That eleventh hour concession is greatly appreciated," he said. "It will be of life saving assistance to some hard hit minor



AUGUST A. BUSCH "U. S. Senator has right to comment."

league areas during the 1954 season" but that the legislation was "vital for the good name of baseball."

This indicated Sen. Johnson had no intention of letting up on his new baseball crusade.

In fact, he was quoted as intending to push as hard as he can for the legislation. He said Sen. William Langer (R-N. D.), chairman of the Senate Judiciary Committee, to which the resolution was referred, had assured him that both Mr. Busch and Ford Frick (Baseball Commissioner) "will be given an opportunity before the committee" on his measure.

Commissioner Frick took issue with the Senator's proposal calling the resolution "discriminatory," warned of public feuding within baseball and called for the sport to rid itself of a "fear complex." Mr. Frick conferred last week with Mr. Busch.

Mr. Frick said "I cannot conceive of any Congress passing discriminatory legislation which is pointed at one partner and excludes other partners." Mr. Frick had said earlier he had "complete respect for Sen. Johnson and I certainly appreciate the problem of a minor league in radio and television. However, I do

not believe a bill such as the Senator proposes is in any sense an answer to the problem."

Mr. Busch said that while he respected "the right of a U.S. Senator to make any comment or introduce any legislation . . . we hardly believe legislation aimed at an individual or single company is proper." He said "baseball broadcasts under brewery sponsorship is cer-tainly not news" and "over a half million major league broadcasts are under such sponsorship. Were it not for this sponsorship, millions of fans would have been unable to enjoy their favorite game."

Anheuser-Busch and the Cardinals, he said, would continue to be operated in the public interest.

#### 'Leader in Its Field'

Mr. Busch said the brewery was "a leader in its field" before any baseball broadcasts "and even before organized baseball itself made an appearance on the American scene. To accuse us of using baseball to achieve a position in the industry we already have is self-answering.'

The St. Louis Chamber of Commerce wired Sen. Johnson that the 100-year old brewery had "brought great credit to this community" and that through the efforts of Mr. Busch "and the expenditure of millions of dollars by the company," the Cardinals, "one of our great civic assets," were retained in St. Louis. The chamber said its telegram was being sent "in the interests of fair play."

Meanwhile, the brewery reportedly faces threat of legal action from some radio stations in certain minor league areas because of contract cancellations announced by Cardinals.

A spokesman for the Cardinals said the broadcasts were being dropped because "if what they say is true, then we don't want to

#### Johnson to Busch

Feb. 9, 1954 Hon. August A. Busch Jr. Cardinal Baseball Club St. Louis, Missouri

Dear Mr. Busch:

Dear Mr. Busch: Why are you picking on the Western League? First it is Omaha, and now it is Wichita. Last year the Wichita Club received \$6,000 from the radio station broadcasting their games in Wichita. This year the contract was cancelled be-cause the St. Louis Cardinals had ar-ranged for that time to broadcast St. Louis Cardinal games. Six thousand dollars may seem like peanuts to some, but it is the difference between local baseball or no local base-

between local baseball or no local base-ball in Wichita.

I cannot believe that your objective is to kill the Western League, but whether to kill the Western League, but whether it is or not that is exactly what you are doing. Your Omaha broadcasts will be heard in Lincoln and Sioux City and will affect them seriously, and now Wich-ita goes down the drain. Because of the St. Louis invasion of the Western League, it is my considered judgment that the Western League may not oper-tate in 1955. The consternation due to ate in 1955. The consternation due to your policies is great and the situation is grave.

plead with you, therefore, to cancel your broadcast plans in the Western League cities of Omaha and Wichita. We are begging you to not destroy the best Class A league in the nation.

Most sincerely,

/s/ ED. C. JOHNSON President and Treasurer Western Baseball League

hurt the minor league clubs." The Cards own franchises in three of the nine cities where contracts have been dropped.

Anheuser-Busch still plans to air broadcasts of the National League club on approximately

120 stations, and games of eight minor league teams-Cardinals farms in Fresno, Omaha, Houston, Columbus, Ohio; Allentown, Pa.; Rochester, N. Y.; Columbus, Ga., and Albany, Ga. Also planned is the complete 77-game road schedule of the Cards on WTVI (TV) Belleville, Ill .-- St. Louis-on a local basis [B.T, Feb. 22].

It also was conceded that Anheuser-Busch's plan to study the effect of major league broadcasts on minor league game attendance, wherever possible, has been abandoned, apparently because of "minor league pressure."

It was acknowledged that Anheuser-Busch has invoked cancellation clauses in its pacts with some stations in minor league territoriesone of two in every standard agency contract, the other being one covering compensationand was facing protests from some stations.

Meanwhile, the Cards have lined up a special local 20-station west coast network for broadcasts of exhibition games with the Chicago Cubs in Los Angeles and Fresno March 13, 14, 15. KLAC is slated as originating outlet.

While castigating the Cardinals, Sen. Johnson released a letter he had written to Mr. Busch in early February and other correspondence he had received from minor league owners asserting that the Cardinals' radio coverage plans were forcing cancellations of minor league contracts with radio stations. (See box.)

In his speech, Sen. Johnson also struck out against other major league clubs. He said:

"In this evil business at St. Louis some of the clubs of the National League are not without guilt. Under National League rules before a club can broadcast or telecast its baseball exhibition, it must have the consent of the other participating club. At least four National League clubs have given their consent to spray without limits of any kind, Minor League cities with Cardinal baseball."



BROADCASTING . TELECASTING

**TO:** GM's and Chief Engineers of Tv Stations, Actual or Planned



# Where Are Your Qualified TV Studio Technicians Coming From?

- Other stations? This is expensive.
- Thin air? The FCC frowns on this.
- Train your own? This is where CREI can help.

CREI now offers for home study its newest course, TvStudio Operations. Prepared at the suggestion of a major network executive with the cooperation of all four networks, the course will help you train studio personnel, help you meet the regulatory requirements for qualified personnel, help you make your operations run more smoothly if you're already on the air or help you avoid many costly mistakes if you're not on the air yet. The course is so current that it even contains two lessons on the approved color system. It is non-mathematical but not non-technical. It is prepared for broadcast engineers and technicians who must prepare for tv operations. It doesn't talk down; it doesn't try to make design-or maintenance—engineers out of them. We even have a few technically-minded program directors enrolled. It has been field-tested for more than a year.

Tv Studio Operations is backed by CREI's 27 years of technical teaching experience, by 15 years of experience with our own tv facilities, by engineering leaders in the industry. For complete details—course outlines and costs—please send this coupon.

• Inquiries from individuals are also invited.

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| Affiliati | on       | • • • • • • • • • • • • •       |                       | Title      |         |
| Street    |          |                                 |                       |            |         |
| City      |          |                                 |                       | Zone       | State   |



LET ME QUALIFY myself and CREI. We have been in business since 1927, training radio electronic engineers and technicians. During World War II the Armed Services used more than 300,000 CREI texts in all parts of the world, and used our residence facilities to train more than 5,000 technicians. Thousands of broadcast station engineers all over the country have used CREI training; you probably have such men on your staff right now. Many leading industrial organizations in the Tv-Radio-Electronics field use CREI group training for their own technicians; among them are Canadian Broadcasting Corp., CBS, Hoffman Radio Corp., Machlett Labs., Glenn L. Martin Co., Magnavox, Pan American Airways, RCA Victor Division, United Air Lines, and others. CREI maintains a Residence School in Washington, D. C.; its home study courses go all over the world. We are accredited by the Engineers' Council for Professional Development and approved by the National Council of Technical Schools.

IN 1937 I requested permission of a top NBC engineer to spend time with their crew installing the first commercial-type tv equipment in New York. He countered with a suggestion that I buy an iconoscope. CREI bought two of the earliest ones released by RCA; by 1940, with RCA cooperation, our own studio was in operation. Our latest image-orthicon equipment has been kept right up to date. At the IRE convention in 1952 the same engineer asked if we had a really practical tv studio operations course. He said, "If you can only teach those fellows to walk across a studio without tripping over cables, you'll be doing something for the whole industry l" We can.

AL PREISMAN, our Engineering Vice-President, wrote the course. Fellow of the IRE, patent consultant, and a top educator, for the last 18 months Al has almost lived in tv studios of the four big networks, and in our local stations, which have been most cooperative. Every text he has turned out has been carefully checked by leading engineers and producers of tv programs. The course is practical, authoritative and up-to-date, even covering color.

E.H. Rutzke

# SENATE UNIT LAUNCHES RADIO-TV STUDY; TO HOLD LICENSE FEE HEARINGS MARCH 16

#### Communications subcommittee will meet with the FCC in closed hearings tomorrow.

A GROUP of five Senators plunge into the radio-tv industry's pool of problems tomorrow (Tuesday) [B $\bullet$ T, Feb. 22].

Depending on how deep or shallow they find the pool, the outcome may be just a ripple or quite a splash on the legislative agenda.

• Tomorrow, the Potter communications subcommittee takes soundings behind closed doors in a meeting with members of the FCC.

• Two weeks from tomorrow, the subcommittee gets into the swim by opening public hearings on the controversial license fee proposal.

Subcommittee Chairman Charles E. Potter (R-Mich.) Wednesday announced the plans for an executive session. While the doors will be closed to newsmen and to the public, they will be open wide on subject matter.

Chairman Potter on Friday announced the license fee hearing.

A list of witnesses are to be announced at a later date, Sen. Potter, who heads the newly-formed Senate Interstate & Foreign Commerce Subcommittee on Communications, said. However, industry people are invited to testify on Sen. Edwin C. Johnson's measure (S 2926) which would permit FCC to set "nominal" fees or charges for station applications and licenses [B•T, Feb. 15].

The five Senators on the subcommittee are Chairman Potter, Sens. Andrew F. Schoeppel (R-Iowa), Dwight Griswold (R-Neb.), John O. Pastore (D-R. I.) and Lester C. Hunt (D-Wyo.).

Members of the full committee have been invited to attend tomorrow's executive session. It is believed Colorado's Sen. Johnson will be on hand because of his keen interest in radio and television activities.

Sen. Johnson, top Democrat on the full committee, is author of a letter on tv multiple ownership which caused a stir in the industry  $[B \bullet T, Jan. 18]$ .

Sen. George A. Smathers (D-Fla.) also on the committee, may attend. Sen Smathers has demanded an investigation by the Senate Commerce Committee of the FCC's recommendation that five vhf station limitation on common ownership be raised to seven, including two uhf.

#### **Highly Critical**

Sen. Johnson has been highly critical of FCC's proposal to boost the station limit. He has termed the recommendation a "wicked 'give-away'" encouraging "brazen television monopoly." He indicated in his January letter to FCC Chairman Rosel H. Hyde that he considered the situation ripe for Congressional review.

Early last month, Sen. Johnson referred again to his letter on the multiple ownership rule "in which," he asserted, "the question of promoting uhf service was the key." The occasion was Sen. Johnson's protest filed with the Commission on the granting of permission to WORD-TV Spartanburg, S. C., a vhf station, to begin interim operation from Paris Mt. [B•T, Feb. 8].

Sen. Johnson said he understood the Paris Mt. operation might force the abandonment of two uhf stations already operating and two uhf stations already granted permits but not yet on the air.

Because of these Johnson protests and other Senators' interest in the question, discussion on uhf (as compared to vhf) may be emphasized.

In the main, however, this will be FCC's opportunity to present the Senate unit with what it considers to be the top problems both within the Commission and/or within the industry.

Thus, it is expected FCC will emphasize its desire that legislation be passed clarifying the so-called "protest rule" provision of the Communications Act (Sec. 309 [c]). [B•T Feb. 1 (story and text)].

Sen. John W. Bricker (R-Ohio), chairman of the Senate Commerce Committee, has introduced the FCC's suggested bill (S 2853). There is a companion bill in the House, offered by Rep. Charles A. Wolverton (R-N. J.).

The proposal would end the now mandatory stay of a protested grant and the hearing on charges required by the Act could be a paper proceeding instead of an oral case.

#### Permissive Bill

Actual wording of Sen. Johnson's license fee bill which would amend Sec. 4 of the Communications Act is to permit FCC to "prescribe nominal fees or charges for any inspection, certificate, registration, license, permit or application issued or provided by the Commission in carrying out the provisions of the Act."

Sen. Johnson, while introducing his bill, also asked FCC to suspend its license fee proceeding and to let Congress take over. His position was that the Communications Act explicitly states that license grants do not give the licensee a proprietary interest in a frequency and nothing should be done to encourage a licensee to believe that he may be purchasing an equity.

It is understood that by the wording of his permissive bill, Sen. Johnson has in mind a desire to stimulate interpretation of what a "nominal" fee for a station should be.

Among comments submitted to FCC last week on the fee issue:

Stephen P. Bellinger, managing partner of WVMC Mt. Carmel, Ill.; WIZZ Streator, Ill.; WILO Frankfort, Ind., and WINL (FM) Lebanon, Ind., urged a graduated fee taking into account the size of the station involved. The proposed fee would work a hardship on smaller radio operators, he said. He requested that the "bulk of income should come from operators who do the bulk of business."

Other comments last week were from ama-

### FCC Has Caught Up, Drops Tv Priority List

TELEVISION applications henceforth will be considered "chronologically," FCC said last week in a historic statement announcing the end of the temporary processing procedure and the city priority list. [CLOSED CIRCUIT, Feb. 8].

The announcement means that although many tv applications still face comparative hearings, the Commission for all practical purposes is "current" in application processing for the first time since lifting of the freeze in 1952 with its resulting landslide of new station bids.

"As of Jan. 28, 1954," the FCC announcement said, "pre-hearing letters pursuant to Sec. 309(b) of the Communications Act . . . had been transmitted to all mutually exclusive applicants. Hearings are being scheduled as quickly as the respective appli-

#### Losers: Tv Viewers

- GOVERNMENT -

THE AP took cognizance of tv in the McCarthy-Stevens affair last week which turned from a heralded "big showdown" to something of a letdown with this observation: "Leaving aside the question of who won, the nation's tv viewers lost. Tomorrow's [Feb. 25] big show was scheduled for nationwide telecasts and promised to have a high audience rating."

teurs, protesting any fee. A George Nesbit of Berwyn, Ill., wrote: "Surely the fee that would be collected from amateurs will not balance the budget, therefore, I request the Commission exclude the amateur service from the payment of license fees . . ."

Meanwhile, two other federal agencies have issued proposed fees. The Interstate Commerce Commission proposed a range of fees for services up to \$5,000 for one type of application. The Federal Power Commission proposed a schedule that includes one item involving a fee of \$500 plus \$100 for each million dollars of construction costs over \$4 million.

#### Pratt Resigns GOP Post, Returns to Manage WSOO

STANLEY R. PRATT, president and manager of WSOO Sault Ste. Marie, Mich., has resigned as assistant to the chairman and director of



the personnel divis i o n, Republican National Chairman Leonard W. Hall announced last week. [CLOSED CIRCUIT, Feb. 22]. He succeeds Chauncey Robbins, a former secretary to the chairman of the Republican National Committee, who joined the personnel division staff last September.

Mr. Pratt, who will resume active management of his radio station, joined the national committee after the Republican National Convention, and organized the personnel division following the successful 1952 election campaign. He is a former Michigan Assn. of Broadcasters president and NARTB director.

cations in a particular city are in a position to be designated for hearing.

"Accordingly, since the processing of noncompetitive applications has proceeded on a current basis since March 1953, and inasmuch as the issuance of pre-hearing letters is presently on a current basis, the need for the publication of a priority list (heretofore every 60 days) has been eliminated. Consequently, no further lists will be published and Sec. 1.371, footnote 10 (of FCC's rules) will be amended accordingly."

In its detailed tabulation of post-thaw tv progress up to Feb. 1, FCC reported 1,204 applications filed, 527 grants (45 surrendered), 356 bids subsequently dismissed and 321 applications still pending. Of the latter, all but 53 are competitive [B•T, Feb. 22, 15].

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# **KSTM-TV** Renews Drive For St. Louis Vhf Ch. 11

KSTM-TV St. Louis, uhf ch. 36 station, filed an amended application for vhf ch. 11 there last week in response to a McFarland letter from the FCC in January [B•T, Jan. 25].

The FCC said then that if KSTM-TV furnished requested information regarding financial and legal qualifications it would designate it as an applicant for ch. 11 in St. Louis, with one of of the issues whether it had the right to participate in the vhf hearing while holding a uhf grant. This was in line with a U.S. Court of Appeals ruling in ordering a stay the day before the St. Louis tv hearing was due to begin [B•T, Jan. 18].

The Commission refused to accept the KSTM-TV application twice on the ground that KSTM-TV could not apply for a facility in a market for which it already held a CP. KSTM-TV has offered to give up its ch. 36 operation if it wins a grant for ch. 11, but not before.

#### Broadcast House Ownership

Amended application, which is for E. St. Louis, Ill., indicated that licensee Broadcast House Inc. is mainly owned by principals associated with KSTL (Frank E. Pellegrin) and the E. St. Louis Journal. Same newspaper interests (F. M. Lindsay and F. W. Schaub) own WSOY-AM-FM Decatur, Ill., and 20% of WCIA-TV Champaign, Ill. Marshall Pengra (president and one-third owner of WATO Oak Ridge, Tenn.) is president and general manager of KSTM-TV. Mr. Pellegrin also owns one third of WATO, 121/2% of WLAF La Follette, Tenn., and is vice president of H-R Representatives Inc., station representative firm. Oilman Albert G. Blanke Jr. is a 13% stockholder.

Balance sheet of Broadcast House Inc. and Broadcast House Realty Co. as of Dec. 31, 1953, shows current assets of \$94,948, current liabilities of \$174,766 and long term liabilities of \$667,266. KSTM-TV, which began operating in October 1953, lost \$193,690 in that year, the application reported.

Station reported that if it wins the ch. 11 grant it will dispose of \$172,400 worth of equipment not usable for vhf. This includes a \$137,483 transmitter.

Other ch. 11 applicants are St. Louis Amusement Co. (42% owned by Fanchon & Marco), St. Louis Telecast Inc. (60% owned by WEW), 220 Television Inc. (Harold Koplar and William Kopler Shenker) and CBS (KMOX).

#### FCC Authorizes Five Ams, Two in Kane, Pa.

FIVE new standard stations were authorized by the FCC last week, two in Kane, Pa.; one each in Charlotte, N. C.; Covington, Tenn., and Medford, Ore.

New am station at Kane, Pa., on 1590 kc with 500 w daytime was awarded to Northern Allegheny Broadcasting Co., licensee of WNAE-WRRN (FM) Warren, Pa.

Permit for a new standard station on 750 kc with 1 kw fulltime at Medford, Ore., went to Medford Broadcasting Co. Co-partners Clarence E. Wilson and P. D. Jackson also are owners of KWCO Chickasha, Okla.

Details of the other grantees:

Hilltop Management Corp., 960 kc, 500 w day-

Hilltop Management Corp., oc. 1., C. time at Kane. Queens City Broadcasting Co., 1480 kc, 1 kw daytime at Charlotte. Tipton County Broadcasting Co., 1250 kc, 1 kw daytime at Covington.

Meanwhile, improved facilities went to KWOC Poplar Bluff, Mo., to change from directional antenna fulltime to directional

# VOICE FUNDS UNTOUCHED BY HOUSE UNIT

- GOVERNMENT -

VOICE OF AMERICA achieved a victory on Capitol Hill last week. The House Appropriations Committee voted the full amount asked for by the radio arm of the U.S. information program to operate in fiscal 1955, starting this July 1.

The U.S. Information Agency had requested \$18,039,000 in the President's budget for the overseas radio broadcasting program [B•T, Jan. 25].

The Appropriations unit in its report said it "has allowed the full amount of the budget estimate" for radio broadcasting and that it would give USIA authority until Dec. 31 to complete the move of Voice from its present New York headquarters to new quarters in Washington, D. C.

This full amount for radio was unusual in that the House committee was not so kind to the other activities of USIA. The agency's total request for \$75,814,000 was trimmed by \$13,-186,000

The recommended VOA allocation is \$247,-164 more than it had to spend in fiscal 1954. Turbulence in the past has marred the deal-

nighttime only while operating on 930 kc with 500 w night and 1 kw daytime, unlimited.

In a separate action, FCC designed for consolidated hearing applications of Mercer Broadcasting Co., Trenton, N. J.; Delaware Valley Broadcasting Corp., Morrisville, Pa., and Drew J. T. O'Keefe, Jack J. Dash & William F. Waterbury, Levittown-Fairless Hills, Pa., for new standard station on 1490 kc with 250 w unlimited.

#### WPRO-TV Petition Denied

PETITION of vhf ch. 12 WPRO-TV Providence, requesting that the special temporary authority given uhf ch. 16 WNET (TV) there to commence interim operation be stayed on grounds of economic injury [BoT, Feb. 22], was denied by FCC last week. The Commission said the WPRO-TV protest did not show sufficient basis for the relief requested. Last year, WNET (TV) won a stay against WPRO-TV pending hearing on its Sec. 309(c) economic protest of the ch. 12 grant.

#### 'Last Man Out' Interviewee **Called by House Probers**

BROADCAST of NBC Radio's Sunday program (10-10:15 p.m.), Last Man Out, which dramatizes the experiences of persons who formerly were associated with communist movements but who have reformed, last week brought Congressional action when the House Un-American Activities Committee subpoenaed Mrs. Helen Wood Birnie, who was interviewed on the Feb. 21 program, to learn more about her former associates.

#### She Is Summoned

In a statement Thursday, Rep. Harold H. Velde (R-Ill.), committee chairman, said he had summoned Mrs. Birnie after hearing her relate on the program that "Fred Stover, president of the Iowa Farmers Union and an official of the National Farmers Union, was known to her to have been a member of the Communist Party and a close associate of Harold Ware."

Mr. Ware, though now deceased, according to Rep. Velde, "has been identified in many instances before this committee as having ings of the Voice of America with the Congress. Thus, the current radio funds suggested by an economy-minded House committee which slashed the combined budgets of the State, Justice and Commerce Depts. and USIA by some 121/2% can be considered to be a radio feather added to the cap of its director. Theodore C. Streibert, former board chairman of MBS.

Mr. Streibert has been the agency's head since its creation last year.

#### Easy on Items

The House committee also was easy on two budget items dealing with government activities of interest to the broadcast industry. It recommended a total of \$650,000 for the annual special surveys of manufacturers and other businesses. This is the identical total asked for in President Eisenhower's budget for fiscal 1955, beginning July 1, 1954. The House group approved \$2 million for the National Bureau of Standards (under Commerce Dept.) to continue its radio propagation and radio frequencies standards studies.

been an organizer of communist cells within the Government, some members of which have been utilized in Soviet espionage operations.'

Last Man Out is written, produced and narrated by Richard English.

#### Folsom Cites RCA-NBC Labor **Practices to Hill Group**

RCA President Frank M. Folsom last week told the Civil Rights Subcommittee of the Senate Labor Committee that RCA has practiced non-discrimination in hiring and promoting its personnel since its founding in 1919.

Mr. Folsom said RCA favors the principles of a bill (S692) to set up a federal commission to enforce non-discrimination with emphasis on conciliation and other non-compulsory measures, currently in hearing by the Senate group of which Sen. Irving M. Ives (R-N. Y.) is chairman.

He said the RCA program, also practiced at NBC, has brought the company benefits from improved human and community relations and that "we feel that in the process we have promoted the national interest as well."

He cited appointment of Brig. Gen. David Sarnoff, RCA board chairman, to the President's Committee on Fair Employment Practices in July 1941, and the 1952 award of the Freedoms Foundation George Washington Honor Medal to RCA Victor Division for its program of recruiting and training Negro engineers.

#### **Booth Protests Parma** Vhf Ch. 10 Allocation

New vhf channel will hurt prospects of uhf stations in the area, operator of uhf ch. 64 WBKZ-TV Battle Creek tells FCC.

CONTENDING the new allocation of vhf ch. 10 to Parma-Onondaga, Mich., is a threat to the future of multiple uhf allocations in the area, John L. Booth, president of Booth Radio & Tv Stations Inc., operator of uhf ch, 64

#### - GOVERNMENT -

WBKZ-TV Battle Creek, asked FCC last week to consider the problems involved.

Mr. Booth noted WIBM-TV Jackson, Mich... already had dropped its permit for uhf ch. 48 because of the new vhf allocation. He explained the uhf allocations at Battle Creek, Lansing, Jackson and Kalamazoo would be affected.

"It is realized that the Commission does not concern itself with the economic factors which are the responsibility of the licensee," Mr. Booth wrote. "However, this allocation of ch. 10 to Parma-Onondaga will present a difficult burden to the operating uhf channels in this area. . . . The problem surrounding the development of a nationwide television service, meaning primarily the uhf spectrum, is considerably greater than had been anticipated and the addition of another vhf would considerably decrease the available national and network revenue at a time when the need for such is so great."

Mr. Booth said the vhf channel will "add a considerable economic burden to ourselves and any other operating uhf station in this area, thereby greatly increasing the possibility of financial failure, or the impossibility of financial return for many years to come.

Two applications already are on file at FCC for ch. 10 at Parma. One is by WIBM, the former ch. 48 permittee at Jackson. The other was filed by Trial Tv Corp.

# **Campbell Named To Voice Post**

PATRICK CAMPBELL, former vice president in charge of station relations of Don Lee Broadcasting System, Thursday was appointed radio and television



MR. CAMPBELL

officer, a newly-created overseas post, for the U.S. Information Agency. He will be assigned to the American Embassy in London, according to Theodore C. Streibert, director of USIA and former MBS board chairman.

Mr. Campbell left Don Lee in Feb-ruary 1951. Before

joining Don Lee, he organized the West Coast office of World Broadcasting System in 1932, and was general manager for 11 years. His early experience was with motion pictures and the stage.

Mr. Campbell will be assigned primarily to the task of exploring the future overseas use of tv under the U. S. information program. Both the Senate's Hickenlooper Subcommittee and a Presidential Advisory Commission have recommended such an exploration.

Mr. Streibert said VOA has been furnishing the "rapidly growing tv audiences of Europe, Latin America and the Far East with programs produced by our U. S. television industry.

Also announced was the addition of Sidney H. Fine, New York newspaperman and government information officer in Europe for many years, to the Washington headquarters of USIA. Mr. Fine, formerly FCC field correspondent in London, will be responsible for the domestic information program.

Another appointment was Burnett Anderson, former press officer for the Mutual Security Agency in Bonn, Germany, to head the USIA's domestic press section.

# WINS NAMES LEDER V.P.-GENERAL MANAGER

Robert Leder, with NBC since 1950, fills vacancy created when Gotham Broadcasting Corp. bought the New York station from Crosley.

APPOINTMENT of Robert Leder, sales manager of WNBC New York, as general manager and vice president of WINS New York was announced last Thursday by J. Elroy McCaw, president of the Gotham Broadcasting Corp., li-

censee of WINS. Mr. Leder re-



signed his post with NBC, effective Friday, and will assume his new position on March 8. He fills a vacancy that was created when Gotham recently acquired WINS from the Crosley Broadcasting Corp. A veteran of the

radio and television MR. LEDER industry for the past

10 years, Mr. Leder has been associated with NBC in various capacities since June 1950.

His initial assignment was as an account executive with NBC Spot Sales and he later served as the unit's Eastern sales manager for radio and as sales manager for radio. In June 1952 he was named sales manager of WNBC New York.

Prior to joining NBC he was director of sales for National Television Sales Inc., New York, television package producers. Previously Mr. Leder had served as sales manager of WVNJ Newark and as an account executive for Booth-Vickery-Schwinn Advertising, New York, and George Elliott Advertising, New York.

In announcing the appointment, Mr. McCaw noted that under Mr. Leder's sales stewardship,

#### **KINGs Add Wings**

KING-AM-TV Seattle is making use of wings to help air its news. A helicopter, a Hiller 12-B, with a range of 150 miles and serviceable altitude of 10,000 feet, has been added to KING Broadcasting Co.'s news entourage. Official dedication of Seattle Private Heliport No. 1, located on the roof of the KING Radio and Television Center, took place Feb. 10.



KING-AM-TV's helicopter makes its first landing atop the stations' radio-tv center in Seattle.

WNBC had compiled "record-breaking" sales accomplishments, and added:

"The selection of Mr. Leder as general manager of WINS is in line with a policy to be adopted by the station of a program of revitalized merchandising, programming and sales efforts. We are most pleased to have a man of Mr. Leder's background of accomplishment join us in our new venture."

#### **Empire State Bldg. Asks Tripled Tv Antenna Rent**

A RENT increase from \$70,000 to \$200,000 a year has been proposed by Empire State Bldg. Corp. to each of the seven New York tv stations, or a total of \$1.4 million a year, for the right to use the building's mast as a common transmitting antenna site for a five-year period beginning May 1. The present lease, expiring April 30, provides for a five-year extension with the rate to be negotiated. If negotiations failand late last week the parties were far apartarbitration is specified. Asking price covers only the use of the mast by each tv station, with floor space in the building for transmitter equip-

floor space in the building for transmitter equip-ment, offices, etc., extra. Negotiations for the tv stations are being con-ducted by a special subcommittee of Donald H. McGannon, assistant managing director, DuMont Tv Network (WABD [TV] New York), chairman; Daniel O'Shea, WCBS-TV New York; Irving Rosenhaus, WATV (TV) Newark. Trio is part of an overall executive committee which also includes Joseph Heffernan and Joseph McDon-ald, WNBT (TV) New York; Geraldine Zor-baugh and Frank Marx, WABC-TV New York, Fred Thrower and Otis Freeman, WPIX (TV) New York; Gordon Gray. Patrick Winkler and William Regan, WOR-TV New York.

# FOUR TV STARTERS PUT TOTAL TO 370

Uhf outlets commence in San Francisco, Schenectady and Providence, while vhf ch. 6 WDSM-TV Superior also takes air today (Monday). Ch. 3 KDAL-TV Duluth set to begin later in the week.

FOUR new tv stations reported they will start commercial operations today (Monday), running the operating station total to 370. Two more are expected to begin later in the week. Stations due to begin today:

KSAN-TV San Francisco (ch. 32), represented by Joseph H. McGillivra Inc. WTRI (TV) Schenectady, N. Y. (ch. 35), CBS, represented by Headley-Reed. WNET (TV) Providence, R. I. (ch. 16), ABC, DuMont; represented by Paul H. Raymer Co. WDSM-TV Superior, Wis. (ch. 6), CBS, repre-sented by Free & Peters.

Stations due on the air later in the week are KDAL-TV Duluth, Minn. (ch. 3), and KCEB (TV) Tulsa, Okla. (ch. 23).

KDAL-TV will begin regular programming just 70 days after date of grant. It has been on test patterns since Feb. 19 and has received excellent reception reports from coverage area, President Dalton LeMasurier, reported. Represented by Avery-Knodel, it will be affiliated with NBC-TV although KDAL radio is a CBS affiliate. WDSM-TV, located across the state line in Superior, Wis., will be a CBS-TV affiliate.

Operating target date of April 9 has been set by KULA-TV Honolulu (ch. 4). It is represented by Headley-Reed and affiliated with ABC-TV

KVAL-TV Eugene, Ore. (ch. 13), plans to

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Taking the wheel of Hudson Motor Car Co.'s "Italia," N. K. VanDerzee, V.P. in Charge of Sales, explains:

# How a new Hudson avoids traffic problems!

"Here is the new *Italia*—a look into the future and the latest member of the Hudson family which includes the Hornet, the Wasp, and the Jet," says N. K. VanDerzee.

"But new design naturally creates new traffic problems—in the factory. It's a big job to prevent parts shortages from stalling assembly lines. Air Express is a tremendous help.

"As our Traffic Department puts it: One phone call, and it's a load off our minds. Air Express delivers in a matter of hours. This dependable speed gives us the safety margin we need to keep production rolling. We handle about 2,500 lbs. a month by Air Express. Naturally, we're thinking about speed. But our records show that most of our Air Express shipments also *cost less* than they would by any other air service!

"Add to this the country-wide coverage and Air Express' ability to pinpoint shipments in transit, and you have some idea of why our Traffic Department turns to Air Express for our most urgent traffic.

"We in Sales are proud of our reputation for on-time deliveries of new cars. In large part, we owe that reputation to our Traffic Department—and Air Express."

It pays to express yourself clearly. Say Air Express! Division of Railway Express Agency.



begin commercial programming April 1, affiliated with NBC-TV.

Construction has started on WTEV (TV) New Bedford, Mass. (ch. 28), according to Basil Brewer, publisher of the New Bedford *Standard-Times*, owned by E. Anthony & Sons Inc., which also owns WTEV. The station will operate with an effective radiated power of 251 kw and expects to be on the air in four or six months.

Robert Sabin, manager, WKNY-TV Kingston, N. Y. (ch. 66), reported that 350 feet of the station's tower is now complete. It expects to be on the air in April.

CHSJ-TV St. John, New Brunswick (ch. 4), plans to begin regular programming March 22. It will be the first Canadian tv station east of Montreal.

WMGT (TV) Adams (Pittsfield), Mass. (ch. 74), began regular programming Feb. 23. The station reports it will serve Western Massachusetts, Southern Vermont, Northwestern Connecticut and Eastern New York, including Albany.

The following stations have reported they plan to begin regular operations by March 31:

WINK-TV Fort Myers, Fla. (ch. 11); KWIK-TV Pocatello, Idaho (ch. 10); WSJV (TV) Elkhart, Ind. (ch. 52); WSLI-TV Jackson, Miss. (ch. 12); KFBB-TV Great Falls, Mont. (ch. 5); WMUR-TV Manchester, N. H. (ch. 9); WQED (TV) Pittsburgh (ch. 13), educational; WLAC-TV Old Hickory (Nashville), Tenn. (ch. 5); KRGV-TV Weslaco, Tex. (ch. 5); WJPB-TV Fairmont, W. Va. (ch. 35); KFBC-TV Cheyenne, Wyo. (ch. 5); WAPA-TV (ch. 4) and WKAQ-TV (ch. 2), San Juan, P. R.

(For details see TELESTATUS, page 103.)



WATCHING as the last crate of DuMont equipment for KULA-TV Honolulu is unloaded are (I to r) Art Sprinkle, assistant general manager; Jack Burnett, general manager, and Ronnie Miyahira, chief engineer. The ch. 4 station expects to be on the air April 9.

#### Mayor Wagner Throws Switch For New WLIB Transmitter

NEW transmitter of WLIB New York, located in mid-Manhattan, was put into operation on Feb. 19 as Mayor Robert F. Wagner threw the switch from City Hall and participated in a special broadcast commemorating the event.

Mayor Wagner paid tribute to radio as a medium of public information, entertainment, recreation and welfare, pointing out that "our younger generation could not imagine what it would be like to grow up without radio as a means of hearing news, concert programs, pop music or dramatic programs." Turning to WLIB, he congratulated the station's management for improving its facilities and coverage through the installation of the new tower and transmitter.

Mrs. Eleanor Roosevelt, a director of National Assn. for the Advancement of Colored People, presented a citation to WLIB Friday for its efforts on behalf of interracial understanding.



NEW YORK Mayor Robert F. Wagner throws the switch inaugurating WLIB New York's new transmitter, which has been moved from the Greenpoint section of Brooklyn to Hallet's Cove, Queens, in the East River opposite 86th Street, Manhattan, for "increased coverage and improved reception." With the mayor at the ceremonies are Walter White (I), WLIB commentator, and Harry Novik, general manager af the 1 kw station.

#### WNBC Sees 'Banner Year'

DURING the first two months of 1954, business at WNBC New York is ahead of the record-breaking months of January and February 1953, according to Robert Leder, sales manager of the station. Mr. Leder said the station has booked renewals and new business "beyond expectations" and predicted that 1954 will be "a banner year in sales for WNBC." Pointing out that news broadcasts have led the field in sponsorship, Mr. Leder revealed that Admiration Cigar has renewed its sponsorship of the 11 p.m. news program with Kenneth Banghart, the sponsor's "only broadcast expenditure in the New York market."

#### KLZ's Terry Recuperating

HUGH B. TERRY, president and general manager of KLZ-AM-FM-TV Denver, was released from a hospital last week following six weeks of rest and physical check-up. His weakened condition resulted from efforts involved in getting KLZ-TV on the air last November. Mr. Terry is expected to be back at his desk by mid-March after a recuperation period, according to Harry E. Huffman, chairman of the board, Aladdin Radio & Tv Inc., licensee.

#### WBIG, WAIR Get Rights

WBIG Greensboro, N. C., has acquired radio rights to the 1954 baseball games of the Greensboro Patriots, Carolina League, according to Allen Wannamaker, WBIG general manager. Add Penfield will handle play-by-play. WAIR Winston-Salem, N. C., has acquired rights to games of the Winston-Salem Twins. Johnny O'Neill will announce.

# 49% of WJR Staffers Hold Station Stock

FIFTY employes of WJR Detroit, comprising 49% of the total staff, are stockholders in the station, President John F. Patt announced last week at an annual meeting of the board of directors.

Mr. Patt said, "This stock ownership with the resultant close integration of employes and management with ownership has established a mutuality of interests with everyone working together to accomplish company objectives. This teamwork . . . (is) WJR's assurance of further success and progress."

He also noted the number of Michigan stockholders has increased to 921 as a further indication of WJR's integration in the area it serves. Total number of stockholders is 1,264, Mr. Patt revealed.

#### WFMY-TV Completes Tower, Plans New Station Building

COMPLETION of the new 759-foot tower and antenna of WFMY-TV Greensboro, N. C., was announced last week by Gaines Kelley, general manager. The structure is the first part of a \$1 million expansion program planned by the ch. 2 station.

A new station building is expected to be completed by September, when WFMY-TV celebrates its fifth anniversary, at which time it will increase power to 100 kw, already authorized by the FCC.



GAINES KELLEY (I), general manager, WFMY-TV Greensboro, N. C., and William E. Neill (r), WFMY-TV chief engineer, congratulate Ben Marak, vice presidentgeneral manager, Allied Construction Ca., upon completion of the station's new tower.

#### Embury Buys WKID-ÁM-FM

WKID-AM-FM Urbana, Ill., has been sold by Gene Phillippe and Robert E. J. Snyder for \$72,500 to Allan H. Embury and associates, according to Blackburn-Hamilton Co., station broker. Application has been filed with FCC. Mr. Embury is former owner of KPIG Cedar Rapids, Iowa. WKID is assigned 250 w daytime on 1580 kc.

#### WVOM's Hoffman Dies

MAX HOFFMAN, 59, Boston manufacturer and founder of WVOM Brookline, Mass., died at his home there on Feb. 20 after a heart attack. In addition to his association with WVOM, in which he owned approximately 28.5% interest, he was president of Dubbleware Inc., and treasurer of M. Hoffman Co. (overall manufacturer).

#### The WOOD-TV Story

GROWING pains and pleasures of a local tv station, vhf ch. 8 WOOD-TV Grand Rapids, Mich., received full feature treatment, plus two-page picture spread, in the Feb. 20 issue of *Business Week*. Cover of magazine has a picture of station vice president, Harry M. Bitner Jr., in studio with home-maker show on air, one of 70 weekly local live programs which are key to WOOD-TV success. Story ranges from station's financing to philosophy and is preceded by article on status and future of tv industry as a whole.

#### 11 Radio-Tv Executives On Europe, Near East Tour

AN EDITORS' TOUR composed of 30 owners and executives of radio-tv stations and newspapers is on a month-long junket by plane through Europe and the Middle East to obtain first hand knowledge of critical world problems. Starting Feb. 24, the itinerary calls for visits to Frankfurt, Berlin, Cologne, Bonn, Dusseldorf, Vienna, Belgrade, Athens, Istanbul, Teheran, Rome, Paris and London, ending March 28 in New York City, where it started.

Opening feature of the tour was a party given in Washington by Robinson McIlvane, Assistant Secretary of State, just a few hours before departure time from N. Y. Representatives from the radio-tv industry included: Benjamin Franklin, KNUJ New Ulm, Minn.; David W. Howe, WJOY Burlington, Vt.; E. Z. Jones, WBBB Burlington, N. C.; Corinne A. Kraus, WDLB Marshfield, Wis.; J. D. McMurray, WRJN Racine, Wis.; F. W. Meyer, KMYR Denver, Colo.; William Smullin, KIEM-TV Eureka, Calif.; Patricia C. Smullin, KBES-TV Medford, Ore.; George R. Turpin, KEVY Provo, Utah; Dee Walker, KTLW Texas City, Tex., and Carla B. Keys, WFLO Farmville, Va.

#### McLendon Not at KMPT (TV)

GORDON B. McLENDON went to Oklahoma City for four days at the invitation of the KMPT (TV) board of directors to consider purchasing of the uhf ch. 19 station, Mr. McLendon said last week. He said he had not taken over management of the station, now in the process of reorganization under the bankruptcy laws, as reported in local news stories [B•T, Feb. 22]. After surveying the situation, Mr. McLendon said he found the station "too far gone" to permit the purchase of any interest. KMPT is now operating under a receiver, who has to April 12 to submit a plan of reorganization.

#### KICD's Sanders Disputes WOI-TV Commercial Status

WOI-TV Ames, Iowa, created as an educational tation, is no longer justified in operating comvetitively with commercial stations, according o Ben Sanders, KICD Spencer, president of owa Broadcasters Assn. Mr. Sanders made us statement in reply to a member of the State Board of Education, Richard Block of Burington, who has recently reversed his longime stand against commercial operation of VOI-TV.

Questioning the right of the state governnent to compete with the people it represents, Ar. Sanders said, "Such a philosophy is danerous to a true democracy, and especially angerous when voiced by the very people harged with overseeing the education of our



In Memphis and the Mid-South the ladies are....

# "Shopping at Home"

OLIVIA BROWNE

Yes, 9:30 A.M. Monday through Friday finds WMCT's feminine listeners tuned in for the latest household hints and shoppers' specials, done up "a la Browne." It's a breezy package, featuring Cathy Bauby with her expert guidance on fashions, exercise and charm. For participating spots, loaded with "sell," see your nearest Branham office.



youth.... Where can there be any free enterprise in a state-owned, tax-supported institution such as WOI-TV entering into direct competition with privately owned operations in the same field?

"We have not objected to WOI-TV in Ames carrying the network commercial programs so long as there were no facilities in Central Iowa to serve the viewing public. But now these facilities are available and they're constantly increasing. We see absolutely no justification for WOI-TV, a station whose very creation was intended for educational purposes, to remain in competition with private industry."

Mr. Block has recommended that the U. of Iowa apply for a commercial facility at Iowa City, Mr. Sanders said.

#### KIMN Inc. Buys KFEL For Reported \$300,000

SALE of KFEL Denver (5 kw on 950 kc) by Eugene P. O'Fallon to KIMN Inc. was announced last week. It is subject to FCC approval. Although no price was announced, it was understood to be around \$300,000.

KIMN Inc. is a subsidiary of the Ogden (Utah) Standard-Examiner (KLO), which is 62% owned by A. L. Glasmann and family, and 12.5% by Mrs. George Hatch. The Ogden newspaper is minority stockholder in KMON Great Falls, Mont. Mr. and Mrs. Hatch are controlling stockholders in KALL Salt Lake City, and of the Intermountain Network. Mr. Glasmann is president of KIMN Inc. and Collin W. Lowder, KLO manager, is vice president and manager.

Call letters of KFEL will be changed to KIMN, it is understood, and it will become the Denver key for the Intermountain Network. All personnel of KFEL will be retained, it was announced, except for the above new officers. Station is affiliated with MBS and is represented by John Blair & Co.

Mr. O'Fallon will continue in the operation of KFEL-FM-TV, it was announced.

#### Tv Station Delayed By Zoning Dispute

A DISPUTE inspired by a local zoning board over the tower height of Northwestern Broadcasting Co.'s outlet on uhf ch. 32 in Evanston, Ill., has compelled the station to delay its operation target date beyond next May or June.

The Zoning Appeals Board of the Chicago suburb last year urged the Common Council to forestall construction of a 400-ft. tv tower. The council reversed the board's recommendation past a fortnight ago by a 14-4 vote, and last Tuesday formalized its action by approving application for a 250-ft. tower, 15-3. The board serves as a quasi-advisory body.

Northwestern originally proposed a 400-ft. tower on its own property, now classified as "unrestricted—industrial," but scaled the height estimated down to 200 ft. Mr. Pfaff feels neither figure is too high and conforms with CAA regulations, citing WTMJ-TV's 1,035-ft. antenna in Milwaukee.

Northwestern Broadcasting Co.'s principals are Angus D. Pfaff, vice president and generalcommercial manager of WNMP there, and Howard S. Martin, a businessman. WNMP is licensed to Evanston Broadcasting Co.

#### It's 'Thomas' at KXOK

C. L. (CHET) THOMAS general manager of KXOK St. Louis, was incorrectly identified as "C. L. Huntley" in B•T's Feb. 22 story telling of that station's public service programming in 1953.

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# L. A. Papers Begin Sponsor Ads in Logs

New 'Program Finders' were developed by James H. Hartnett, who believes them the answer to the free-or-paid listing controversy.

NEW contribution to the radio-tv log controversy [BoT, Feb. 15] is introduced in Los Angeles today (Monday) when logs of the "big five" metropolitan daily newspapers (*Examiner, Times, Herald-Express, Mirror* and *Daily News*) will appear with sponsor-paid advertise ing listings at a single combined rate.

Developed by James H. Hartnett, head of the newly-formed James H. Hartnett Co., Los Angeles and San Francisco advertising and publishers representative firm, the new formula retains the radio-tv log as a public service feature but offers "billboarded" space listings to the sponsor rather than to the station.

Similar plan has been in use by the Chicago Tribune [B•T, Feb. 8].

Although the number of paid-for listings in the Los Angeles dailies today were few, executives of the Hartnett Co. considered the initial effort "as good" and reported an enthusiastic response by the various advertising agencies and sponsors contacted. They expect the momentum to grow.

Appointed to represent exclusively the five newspapers' radio-tv logs, the new firm is contacting advertising agencies and sponsors alike, offering 8-point boldface listings ranging from a minimum two to a maximum four column lines. The paid-for listings, termed "Program Finders," are uniform in the logs of all five dailies, reaching an estimated combined 1,500,-000 circulation in the nation's second largest market area.

A variety of type faces and styles of entries are offered at a combined five-paper rate of \$11.19 per column line weekdays. The weekend rate for log listings is \$14.73 per line in the Saturday *Herald-Express*, *Mirror*, *Daily News*, Sunday *Examiner* and Sunday *Times*. Rate for the two Sunday newspapers only is \$8.49 per line.

Mr. Hartnett declared that the "Program



WSBA-AM-TV York, Pa., appoints Adam J. Young Co. as national representative for the Susquehanna Broadcasting Co. stations. Signing (I to r): Phil Eberly, stations sales manager; Adam J. Young Jr. of the representation firm, and C. L. (Chick) Doty, stations vice president-general manager. Finders" are designed primarily to benefit "the most important man in the picture—the sponsor himself."

"Although the sponsor has had no voice in the matter, he actually deserves the first consideration" was Mr. Hartnett's contention. "The day finally has arrived when he may dictate how his program is listed in the newspaper logs and the cost is a mere fraction of the total expense of his program."

Mr. Hartnett believes "Program Finders" is the "satisfactory solution for all concerned" adding that "the newspaper will enjoy revenue from heretofore dead space that has become even more valuable with increased newsprint and production costs."

The Hartnett firm plans to expand its operation to San Francisco, Portland and Seattle before the year-end if the Los Angeles formula is successful.

## ANPA Is Interested, Too

INFORMATION on how member newspapers handle radio and tv logs has been requested by the American Newspaper Publishers Assn. The request was contained in the latest ANPA bulletin distributed to newspapers, and up to late last week, according to an ANPA spokesman, no responses had been received. Newspaper practices on radio and tv logs have become a revived issue because of recent decisions of some newspapers to start charging advertising rates for publishing such information.

#### KTEN (TV) Sets Rate Card Based on Agency Suggestions

KTEN (TV) Ada, Okla., permittee for vh ch. 10 was aided by 36 advertising agencies in setting its time charges, according to the sta tion which last week issued its first rate care effective next May. In December 1953, statio: Vice President Bill Hoover sent blank card and market data to the top 100 agencies with the suggestion that since the recipients wer well versed in equitable rates, KTEN would b guided by suggestions in establishing its car-[B•T, Dec. 21, 1953].

Mr. Hoover said that slight changes wer made to the average suggestions in anticipatio of increased set circulation by the time KTEI starts operation later this year. One time rat in class A periods ranges from \$300 for or hour to \$25 for 10 seconds.

#### H-R Salesmen See WELI Sho<sup>v</sup>

PRESIDENT Frank Headley of H-R Represer atives, New York, led a contingent of the re resentation firm's sales force in a visit Feb. to WELI New Haven, Conn. The H-R grou attended an "on the air" performance of WEL. Bud Finch Show.

Representative Appointments

WQAN and WEJL (FM) Scranton, Pa., appoi Robert Meeker Assoc. as national represent tive.

WKMI Kalamazoo, Mich, names Forjoe & C as its national representative, effective March Station is owned by Steere Broadcasting, w Howard D. Steere as president.

KYA San Francisco names Adam J. Young Inc., Hollywood, station representative j southern California area.







# FIRST CHOICE with Sponsor and Station ...

With more and more money invested in film, advertisers are demanding better and better projection—insisting upon maximum quality at the tube—quickest possible reaction to selling messages. As a result, they favor stations using the Eastman 16mm. Projector, Model 250.

#### Six reasons why the EASTMAN 16MM. TELEVISION PROJECTOR, Model 250, rates A-1 with everyone . . .

1. Variable Transformer permits raising or lowering level of illumination to accommodate material used. Tungsten light source—protected by standby lamp.

2. Increased Signal Strength: Optical system allows use of high red and infrared absorbing filter. Assures clearer pictures, greater signal strength.

**3. Still-Frame Projection:** With unwanted radiation removed, and separate drive for shutter, single frame of film can be left indefinitely in gate.

4. Refined Sound System with low flutter and distortion gives optimum results for either emulsion position.

5. Projection Optics: An f/1.5 optical system corrected for the 12:1 magnification required by television provides truly high resolution.

**6.** Lower Maintenance. Heavy-duty mechanism designed for long life, trouble-free operation, minimizes repairs. Model 250 is available for prompt delivery.

For further information address: Motion Picture Film Department Eastman Kodak Company Rochester 4, N. Y.

East Coast Division 342 Madison Avenue New York 17, N. Y. West Coast Division 6706 Santa Monica Blvd. Hollywood 38, California

Midwest Division 137 North Wabash Avenue Chicago 2, Illinois





## IT WILL BE ALMOST AS EASY AND CHEAP AS BLACK-AND-WHITE

BY THE time color television has acquired a significant audience, putting a program on the air in color should entail no more time, little more personnel and not too many more dollars than it now takes to produce a show in black-and-white.

This conclusion may be at odds with popular fears that color will cost more money than any but the richest sponsors can afford. But it is based on the practical experience of men who actually have been staging color programs.

Interviews with key members of NBC-TV's color corps, who have done more compatible color productions than anyone else, and with the top expert at CBS-TV, which has been producing a weekly colorcast, reveal unanimous agreement that once the present period of pioneering is completed, color tv production will cause no more ulcers than are now caused by blackand-white.

Color telecasting is now going through an experimental period which closely parallels that which black-and-white tv went through in its early days, according to Barry Wood, executive producer in charge of color coordination for NBC.

"When television was first starting," Mr. Wood told  $B \bullet T$ , "it took three or four weeks to get a show ready for the air and it now takes about that long for color. Just yesterday the producers of a program were in here for their first conference about a show that won't go on the air for two and a half weeks. They had some ideas for color lighting they wanted to take up with the lighting consultant assigned to the program, and some others to talk over with the scene designer. We like to get these matters worked out well in advance, to avoid wasting time when the show moves into the studio for camera rehearsals.

"Actually, there's no need for a color show to take more than a day longer than a black-and-white program, so far as studio facilities are concerned," Mr. Wood said. "And eventually, when we're all more experienced in putting on colorcasts, they

#### by Bruce Robertson

ought to take no longer than today's monochrome schedule."

A major reason why color shows take longer today, he explained, is that their producers, while skilled at black-and-white production, need training when it comes to color. "We could save time by telling them that some of their ideas just won't work," he said, "but whenever at all possible we'd rather let them try them out and see for themselves what happens. That way, they really learn about color tv and in the long run we think it's going to make them better color producers—and to make for bettcr color programming—than if they just had to take our word for it."

When the experimental colorcast of P. Lorillard's Judge for Yourself was in preparation, Mr. Wood reported, the agency representative thought that the blue velvet against which the golden tobacco leaves were to be displayed for one of the commercials should be a lighter shade than that selected by the network color consultant. So a new piece of velvet was obtained and put on the table and the commercial gone over again on camera.

#### Value of Experimenting

"The new blue was obviously too light, so they had to pull the system down and that threw the skin tones off, so it was agreed to reinstate the original material," Mr. Wood said. "This took a little time, but we feel it was well worth it."

Every NBC-TV commercial program will be given at least one colorcast during the year, Mr. Wood said, as part of the network's program of giving everyone involved with tv production a chance to try things out for himself. During this "introductory year" all color costs, above the normal program expenses, are being underwritten by NBC, with no charges for color passed on to the clients. In addition, color clinics are being held for agency groups, giving them an opportunity to see how their clients' products look in color tv. All the information acquired in color experiments will be passed along to stations, advertisers and agencies which, in the not-too-distant future, will be handling colorcasts as regularly as they now do programs in monochrome.

Meanwhile, careful cost records are being made for all colorcast programs and compared to similar cost breakdowns for their normal black-and-white telecasts to determine just how much more expensive color actually is, from a program production standpoint, and how that extra cost is distributed among the various factors comprised under the general head of production. These cost analyses will also show whether color is going to add appreciably more to one type of program than to another.

This accounting has been under way for several months, and Mr. Wood expressed the hope that soon NBC will be ready to release preliminary findings.

To provide criteria for color selection, which will answer questions like that of the right shade of blue velvet in advance and without the necessity of going through the time-consuming trial and error process, NBC's art director and color consultant, Norman Grant, is in charge of a program of developing standards for make-up, costumes, scenery and product displays that are to be used in color television. These standards will serve as guideposts to any qualified artist, enabling him to make his way around in color tv as well as he now can in the world of painted and printed art.

Noting that color harmony is as much a matter of order as harmony in music color being a visual sensation psychologically similar to the auditory sensation of music—Mr. Grant said that his staff is basing its experiments with painted colors on a system of color harmony that is widely used by artists and designers. NBC is also keying this system of color chips which are used in matching painted colors into the Munsell gray scale for light reflectant measurement.

When the tests are completed, he explained, NBC will have three measurements for each color: first, its location on the gray scale for black-and-white telecast (and that will be very important as long as most tv homes are equipped for black-and-white reception only); second, the way it looks on the color tv system, and finally, how it appears to the naked eye.

"That means," he said, "that we'll have three color chips to represent a single color, allowing us the compatibility information necessary for our compatible tv system."

Similarly, work is going on with the ink and dye industry to establish tv standards for the colors used in commercial packaging. Certain families of colors come across on camera differently than they look to the eye when viewed directly, due to pigments in the dyes which the camera detects but the unassisted eye cannot.

Probably the most difficult field in which to set standards for telecast colors is that of fabrics, as here the texture as well as the dye is a factor. The color sensation derives from light reflected from the object to the eye—or the camera—and texture as well as color is involved. If four different fabrics are all dyed with the same dye, they'll come out in four different colors because of their different weaves.

One of the most pressing fabric problems for color tv comes in the costume field. Costumes available for rental were mostly made for stage use, where they are brightly lighted and where the audience sees them at a distance. This doesn't matter when they are to be used on black-and-white tv, but they're much too high in value for color and must be toned down by retrimming or even redyeing. In many cases the only thing to do is to start from scratch and make new costumes for the program, Mr. Grant said.

#### Flesh Must Look It

Make-up is probably the most critical color problem of all those confronting the television producers. The viewer at home can't know what color dress the blonde singer is wearing, and as long as it looks all right he doesn't care much whether it's pink or blue. He does know darn well what color her face ought to be, and if it's blue he doesn't need a tv engineer to tell him something is wrong with the picture. (That's the reason colored lights can't be used to change costume colors, especially in close-ups in colorcasting.) There is the added problem of getting flesh tones that look well on blackand-white tv as well as in color.

Working closely with the Max Factor cosmetic house, naturally interested in what will undoubtedly develop into a large new market for its products, NBC can report that after about six months of experiments, substantial progress has been made toward getting the proper type of cosmetics for color tv. The Max Factor lab technicians on the West Coast make up powders, creams and rouges and send them to the NBC make-up artists who try them out and send them back with reports on how they looked on camera and suggestions for further changes.

As is the case with costumes, stage makeup is generally not suited to color tv use, NBC soon discovered. Instead of the high colors which are required on stage, subdued tones are best on the tv camera. The compatible tv system picks up the natural red of the skin and lips so well that in most instances it must be lightened rather than em-



Color is their business. (L to r) Normon Grant, NBC art director ond color consultant; Stan Parlan, NBC color film consultant; Barry Wood, executive producer in chorge of color coordination for NBC; Reid Davis, technical supervisor of NBC's colorcasts.

phasized to appear natural to the home viewer. With men, the lips are blanked out completely and the women's lips are toned down. If women have good, light complexions they need almost no make-up, just a thin base coating.

With a pancake make-up now available in place of the panstick used a year ago, make-up for color tv is now easier to apply and to remove, and the process now requires less make-up and less time than formerly. "We're sure we're on the right track and probably the best proof is that CBS is now using the same Factor line that we helped develop in its color programs," Mr. Grant stated.

"When all the standards now in the works



## Of Network Color Shows

CBS-TV

The New Revue every Friday, 5:30-6 p.m. (sustaining).

Paul Tripp Show every Tuesday, 5:30-6 p.m. (sustaining).

NBC-TV

March 8-9: *Ding Dong School*, 10-10:30 a.m., Monday and Tuesday (sustaining).

March 13: NBC Opera ("The Taming of the Shrew"), 4-5:30 p.m., Saturday (sustaining).

March 15: Name That Tune, 8-8:30 p.m., Monday (Block Drug Co. through Cecil & Presbrey alternating with Speidel through Sullivan, Stauffer, Colwell & Bayles).

March 19: On Your Account, 4:30-5 p.m., Friday (Procter & Gamble through Benton & Bowles).

March 22-23: Three Steps to Heaven, 10:45-11 a.m., Monday and Tuesday (Procter & Gamble through Compton Adv.).

March 31: *Eddie Fisher*, 7:30-45 p.m. Wednesday (Coca-Cola through D'Arcy Adv.).

April 18 (Easter): Frontiers of Faith, 1:30-2 p.m., Sunday (sustaining).

[Note: This schedule will be corrected to press time of each issue of B.T.]

are established, we'll have yardsticks to tell what colors can be reproduced well as they are and how to change those that can't, what combinations of colors should be used, what combinations of colors and flesh tones, and what background colors," Mr. Grant said. "Distance is a factor, and backgrounds show up more vividly on the tv system than they do to the eye in the studio.

"These standards won't replace or reduce the need for creative ability in the slightest," he emphasized. "They're merely yardsticks to help the artist measure the new aspects of this new medium of color television and to let him get on with his creative function without wasting time on technical problems for which we can provide the answers."

In no place will the creative man be more needed, nor more valuable, than in the production of commercials for color tv. A good graphic arts man will be an essential addition to the staff of every tv station that wants to provide color commercials for its local advertisers, even if only on slides and films, Mr. Grant firmly believes. "And by good, I mean on a par with a recognized agency art director—a man who knows color and design," he said.

#### Importance of Art

With color, a black-and-white photograph of the product or of a magazine ad no longer provides the base for a tv commercial. The art work must now be complete in design, detail and color, which may call for a high degree of color photographic skill to produce slides that give the desired effect. And, since color adds a depth to the picture to produce a third dimensional effect that is not there in black-and-white, the products themselves, particularly packaged goods, should be used instead of flat pictures wherever possible. This calls for proficiency in handling lighting, so that shadows will not blot out parts of the package.

"The station art man is going to have to be an all-around expert," Mr. Grant said. "Therefore, he's going to be expensive. But unless 1'm completely wrong, the demand for color commercials from local as well as national advertisers is going to be so strong that a top-notch art director will be the most valuable asset the station has."

There is no doubt among the NBC people who have worked with color that commercials on color tv are going to have an impact never before achieved by any advertising medium: "Sponsor identification is going to jump sky high with color," Reid Davis, technical supervisor of NBC's colorcasts, told B•T. After a recent color program, he reported, a viewer told him, "I've seen that package in our kitchen a thousand times, but I never really saw it until just now on the tv screen."

Color may help some programs more than others, but there is scarcely a product that is not presented more effectively in color than in black-and-white, the NBC experts firmly believe. For foods, color is a natural; a commercial for Royal Gelatin on a *Howdy Doody* colorcast "made you want to eat it right off the screen," Mr. Davis reported. A man of extreme enthusiasm about his work, Mr. Davis added: "If you put a cherry pie and Marilyn Monroe on the same color program, when it was

BROADCASTING • TELECASTING



# GENERAL ELECTRIC MANUFACTURES CBS COLOR TV EQUIPMENT



COLOR

CAPSULI

EDITION

CHROMACODER TRANSLATES PICTURE SIGNAL. Just as in monochrome, the picture selected for transmission is in the form of a single picture signal. In the Chromacoder development model illustrated above, it is then translated into three simultaneous picture signals...red, green and blue. The normal processes for transmission which follow, supply the approved NTSC compatible signal to any home receiver. CHROMACODER PICK-UP IN PRODUCTION AT SYRACUSE. System Achieves Lower Operating Costs... Improved Color Camera Flexibility!

Equipment developed by CBS Laboratories Division for use with the recently approved NTSC system of color television broadcasting will soon be rolling off the production lines at General Electric headquarters in Electronics Park. Chromacoder pick-up gear is on a crash-order basis to speed its delivery and installation at many of the nation's leading television stations. The simplified design and construction of these units make color programming a practical reality.

Basically, Chromacoder equipment is superior to existing threetube pick-up gear in these important respects :

1. Lower maintenance and operating costs. A reduced number of tubes and components is used. Less technical labor is required.

2. Maneuverability and operating flexibility. The Chromacoder cam-

operation, economy and flexibility

are important virtues of both.

era is the same size and design as its black and white counterpart and weighs 75% less than the three-tube camera.

**3.** Stability. One B&W Image Orthicon tube is used. Operating controls are essentially the same as black and white without any registration problems.

4. Efficient Operation and Maintenance. Less associated equipment is required. Color balance and registration functions are performed by only one additional operator at the central, fixed Chromacoder location. A single Chromacoder can be used with any number of cameras or studios regardless of their location.

5. Outdoor and remote color use. It is necessary to move only the cameras which are of compact, lightweight design.

6. Improved B&W reception is an important asset of this equipment.7. Simplified television recordings.



FROM STUDIO TO HOME RECEIVER...IN FULL COLOR! The simplified design of CBS' system is shown in this diagram. Single image orthicon tube cameras pick-up the studio show. A selected full-color picture is then fed into the Chromacoder for conversion to simultaneous red, green and blue images. Then, the NTSC encoder forms a single color signal for transmission.



GENERAL 🍪 ELECTRIC

# THREE RULES FOR NOVICES IN TV COLOR

EVERY beginner in color tv should memorize three simple rules, according to E. Carlton Winckler, production manager of the CBS Television Network, whose responsibility extends to all CBS colorcasts as well as the network's monochrome programs.

1. Don't get panicky. There are extremely few problems that can't be solved one way or another.

2. Don't listen to self-appointed experts. Try your ideas out on the camera, which hasn't read the book and so doesn't know it can't be done.

3. Remember that color television is now in the same experimental stage that black-and-white tv passed through only a few years back, when many of the things done easily today were considered impossible.

With those three points in mind, the color novice can proceed with the job of adding color to his black-and-white shows. Actually it is much easier than he imagines, Mr. Winckler said. There are many more similarities than differences between color and black-and-white tv, and color eliminates as many production problems as it creates.

For example, Mr. Winckler pointed out that shiny things are tabu in monochrome tv, where they appear surrounded with a black halo, but in color they show up as attractively as in real life.

Make-up has been no problem; just use less than black-and-white. Lighting is no problem, either; just use more than black-and-white, about twice as much, but use it in exactly the same way.

Costumes are much more important in color than in black-and-white tv, Mr. Winckler said. The proper costume can build up an actor's personality; the wrong one will tear it down.

Less scenery is needed for color and what there is should be of simpler design. A good set for a black-and-white telecast would be much too busy and distracting for colorcasting,

Mr. Winckler

noted, but he

warned against

making it too

simple. A plain

solid color back-

ground will not

come through

consistently over

a large area, he

said, advising

the break-up be

done architec-

turally, in three



MR. WINCKLER

dimensions, rather than with paint.

For cost-conscious producers, Mr. Winckler offered the comforting news that CBS has found that colorcasting calls for no more stagehands or electronics personnel than black-and-white telecasting. It takes twice as long to prepare a program for its first colorcast as to put it on the air in monochrome, he said, but once the crew gets over its amazement at color and becomes accustomed to it, color takes no longer than black-andwhite.

After putting on the Friday evening New Revue color program for 12 weeks, Mr. Winckler stated that while its cost was high to start it has tobogganed since, as the producing staff has learned to foretell what will and what won't work and is saving time formerly spent in the trial and error process.

over the viewers would be talking about the cherry pie."

Color is good not only for foods, but also for cosmetics, dresses, drapes, floor coverings, furniture and, in fact, every kind of product you can think of from automobiles to wallpaper, according to NBC's colorexperienced producers.

Unlike monochrome tv, in which the majority of packages have to be repainted to show up well, color tv shows existing packages to advantage. Better than threequarters of the more than a hundred packages tested to date have come through the system literally with flying colors with little or no retouching necessary. "This is no small tribute to the nation's commercial designers," Mr. Grant said, "that their work should stand up so well under the exacting eye of the color camera."

Backgrounds are very important to provide the right setting for the product. When Zoo Parade was colorcast, the blue, yellow, red and white Ken-L Ration package looked fine before a neutral background, but most packages require the use of complementary colors to make them stand out properly and hold their natural color. Frequently, the proper product backgrounds can best be obtained by use of colored lights on a neutral background material. There are cases of poorly designed packages which will look bad on color television as well as on the store shelf. In these cases, re-designing of the package is the only true solution.

Colored lighting effects, generally obtained by placing colored gelatins before spotlights, are widely used for mood effects in color programming as well as in the commercials. "Give me a light gray cyclorama and I'll give you any colored background you want, including pure white," Mr. Davis said. He warned, however, that the gelatins used at present were made for stage use and, like costumes and make-up, need to be re-designed under new standards specially for tv use. Research to that end is now in progress.

Colored lights are of tremendous value in color tv, he said, recalling the harpist on the *Garroway Show*, first seen in a white dress, before a black drape, the gold harp presenting the only note of color. "Then we threw a succession of colored lights on a revolving mirror-ball, which reflected them on the cyclorama and the result was sensational." In another program a dancer spun in and out of pools of colored light. "As long as she kept moving and we kept the cameras at a distance, the effect was fine, but her skin would have looked goshawful in close-up," Mr. Davis reported. Outside of the use of color lighting, there

Outside of the use of color lighting, there is very little difference between color and black-and-white so far as studio operations are concerned, Mr. Davis said. The camera operations are identical (the cameraman still sees a black-and-white picture on his viewfinder). Color calls for three to four times as much light, but the lighting fixtures and their operation are exactly the same as for black-and-white. A day's training with color is about all that is called for.

The only added personnel needed for color are in the control room. "At present we assign one video man in the control room to each color camera," Mr. Davis stated. "That means that if we're using three cameras on a show we need two extra men. And that's all. Otherwise, the same studio crew that handles black-and-white programs can handle colorcasts just as well."

Even those extra men, who are now needed to control the contrast, brightness and color matching so that all cameras deliver the same hues to the monitors and hence to the home viewing screens, won't be needed long, Mr. Davis believes. Technical improvements in equipment will soon make more than one video man in the control room unnecessary, he feels.

#### A Problem in Balance

The job of color matching means, he said, balancing each camera in accordance to the color temperature in which it is to operate. This is relatively simple unless the temperature changes radically. For instance, Mr. Davis said that if an actor is shown leaving an interior scene and going out of doors, the camera picking him up inside where the color temperature is 2,900 Kelvin\* could not follow him outside into a color temperature of 6,500 Kelvin without being rebalanced. However, a second camera, properly balanced for the outside temperature, could pick him up as he emerged and there would be no change from the inside pickup in the color of his clothing, etc.

This is no particular problem for scenes of short duration, but for extended outside pickups, such as a football game, which may begin in hot sunshine and conclude in cool shade, rebalancing may be necessary, which will mean taking that camera out of operation while it is being rebalanced. What is needed, Mr. Davis pointed out, is a set of filters which the color tv cameraman can use as a still photographer would when taking color photos under varying light conditions. Work has begun to develop such filters, he said.

With many programs and a large proportion of commercials on film for black-andwhite tv, and expectations that film will be at least as important for colorcasting, a lot of experimenting with the preparation and telecasting of color film is now underway on all sides. NBC is encouraging agencies to begin shooting some of their commercials in film now, to gain experience themselves with what will look best to the color audience that will be here in a year or so.

Meanwhile, black-and-white prints of

\* Kelvin is a scale of light intensity or color temperature. An ordinary incandescent lamp has a reading of from 2,800 to 3,200 Kelvin; sunlight, 6,500-7,000 Kelvin.





This new approach enables **Tel-Instrument** to realize radical economies in manufacture, and still maintain the highest degree of electrical and mechanical standards.

We welcome the opportunity to further acquaint you with complete details concerning our NTSC color package.



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these color films can be used immediately on tv stations and networks, so that only the extra cost of color stock and processing need be charged up to education.

"Our experience with the compatible tv system is that it reproduces any good color film faithfully and effectively," Stan Parlan, NBC color film consultant, said. "The system can handle all the colors and hues of the film spectrum. But if the original lighting, camera work and color harmony are not done professionally, then no degree of perfection on the part of the tv system is going to make that film look good."

While individual films will present individual problems, Mr. Parlan offered these general suggestions for the making of films for color tv:

• "Use flat lighting with plenty of fill light in the shadow areas. Avoid large dark areas in the scene.

• "Use plenty of close-ups and avoid sustained long shots. The color system is extremely effective on close-ups.

• "Avoid the use of optical effects as much as possible.

• "Use complementary colors in achieving color harmony and positive color separation between foreground objects and their backgrounds.

• "The color print for broadcast should have a relatively low maximum density to achieve what might be described as a rather 'light' or 'thin' print."

In making color film commercials or commercial programs, NBC recommends the use of 35mm film. Reasons, Mr. Parlan said, include: The superior quality of both picture and sound; the greater control which can be exercised in the laboratory processing and printing; the majority of color film commercials and programs used for network broadcasting will be on 35mm film; 16mm reduction color prints for local station use can be made from the original 35mm material; 35mm black-and-white prints can easily be made from the original color material for use on current blackand-white programs, enabling immediate amortization of the production cost.

#### 35mm Projectors Promised

At present, the color tv film projection equipment available is limited to 16mm film, but with a number of manufacturers working on the problem it seems reasonable that 35mm projectors will be ready by the time there is a commercial audience for color tv. Mr. Parlan said that it seems probable the color film situation will parallel that presently existing for black-and-white, with the networks and major market stations using 35mm film and the other stations, for reasons of costs and local fire ordinances, using mostly 16mm film.

The time taken to process color film is at present a serious drawback to the colorcasting of news programs, where timeliness is of more importance than esthetic values. When, on Feb. 16, *Camel News Caravan* celebrated its sixth birthday on the air with the first colorcast of a tv news program, a feature story on Chiang Kai Shek's army on Formosa and a fashion show of Florida beachwear, which could be filmed in color well in advance, occupied much of the program's time, but filmed coverage of "today's news today" was in black-and-white.

# ASCAP-TV LICENSE BATTLE DIES DOWN

Networks approved blanket licenses for themselves and their o&o stations. Blanket licenses in mail, per program contracts in final stages.

PEACE seemed slowly but surely settling over the ASCAP-tv front last week.

• The four tv networks signed blanket licenses covering not only network programming but that of their o&o stations as well.

• Blanket licenses were in the mail to more than 200 stations—both those which had taken out the original ASCAP tv blanket license, a five-year agreement that expired Dec. 31, 1953, and those which had signified their intention to accept blanket licenses when polled by the All-Industry Local Tv Music License Committee [B•T, Dec. 28].

• Per program licenses were in the final stage of preparation, with only a few minor details of wording still to be straightened out, and were expected to go to the printer this week and into the mail to stations expressing a preference for this form of license shortly thereafter. Tv station operators who asked a chance to see both forms of license will be sent both.

Terms of the new agreements are "precisely the same" as those proposed by the All-Industry Committee last December, Dwight W. Martin, General Teleradio vice president and committee chairman, said Thursday. The blanket licenses call for a commercial rate of 2.05% of revenue from the sale of time and a sustaining rate of the station's highest quarterhour card rate per month.

#### Sees 20% Reduction

When the committee submitted the new terms to tv stations for approval before presenting them to ASCAP as representing the industry position, Mr. Martin pointed out that "this represents more than a 20% reduction below the present blanket contract that provides a payment of 2.475% on commercial business and the monthly sustaining rate of the highest half-hour card rate plus 10%. You will also note that it represents a considerable reduction from the present radio rates."

The new tv network blanket licenses are slightly higher than those offered to stations—2.475% of time sales, plus a sustaining fee of the highest half-hour rate plus 10% a month. This represents approximately the same reduction from the previous network licenses as in the case of station agreements. In both, the new terms now approximate 10% below the radio scale in place of the radio-plus-10% formula of the first tv blanket licenses.

The new per program licenses were described in Mr. Martin's letter to stations as calling for "a commercial rate of 9% on the net revenue from the sale of time or announcements during which ASCAP numbers are used, provided, however, that if such numbers are used only as background on films not made primarily for television, the rate would be 4%."

Upholding the principle of payment of fees to ASCAP only for programs actually containing ASCAP music (the point on which negotiations for per program licenses were wrecked three years ago), these licenses will not require any payment for announcements adjacent to programs containing ASCAP music unless the announcements themselves contain it.

The per program sustaining rate will be 3.5%

BROADCASTING • TÉLECASTING

# How many medicines in your doctor's kit come from a Meat Packing Plant?



 $\checkmark$  **A** ctually more than 100 medicines, and medical products that your doctor regularly uses in the practice of his profession get their start in a meat packing plant.

Among them are ACTH and cortisone for the treatment of arthritis, asthma, rheumatic fever, and other ailments, epinephrine for allergies and certain emergency heart conditions.

Other products include surgical sutures and fibrin foam which control bleeding to make surgery safer.

Many, like insulin for the control of diabetes, can be obtained from *no other source*.

To make these medical products available to your doctor the meat packing companies developed new facilities for saving or processing glands of meat animals, and in "partnership" with the medical profession, promote research for still more life-saving, health restoring medicines.

Perhaps you'd never thought of it before, but doesn't this important service make the meat packer a sort of right-hand-man to your own family doctor?

# Did you know

... that it takes the pancreas glands from 1,500 cattle or 7,500 hogs to make a single ounce of crystallin insulin... that there are more than 4,000 individual companies in the meat packing industry... that recovering everything of value (as glands for medicines) helps this service industry bring you meat at a lower service cost from farm to table than almost any other food?

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#### - MANUFACTURING –

#### -PROGRAM SERVICES

of the card rate applicable to each sustaining program period containing ASCAP music, with the proviso that the total annual sustaining bill shall not exceed 12 times the station's highest quarter-hour rate.

The new licenses, both blanket and sustaining, run for four years, retroactive to Jan. 1, 1954.

Tv stations which have not had ASCAP licenses, but have been using ASCAP music will have to make back payments to ASCAP, dating either from Jan. 1, 1949, or from the date when the station began operating if it was subsequent to that date. The retroactive payments were set at the old blanket license rate of 2.475% of commercial revenue and monthly sustaining fees of the highest half-hour rate plus 10%.

# Ziv's Skelton Series Starts on 453 Stations

SOME 453 stations will carry the premiere broadcast this week of *The Red Skelton Show*, the Frederic W. Ziv Co.'s daily, half-hour transcribed radio series, it was announced last week by John L. Sinn, executive vice president of Ziv.

Mr. Sinn said a 30-market sale to a Michigan brewer last week raised the sales total above the 450-station mark which had been set as the goal when a sales campaign was launched in January. Mr. Sinn said 94% of all purchases by stations and sponsors were for the full five-times-per-week schedule, pointing out that this indicated "the increasing tendency towards multiple programming for greater impact of new shows."



# RCA NEARS BILLION DOLLAR GROSS, HIGHEST YET, ANNUAL REPORT SHOWS

Board Chairman Brig. Gen. David Sarnoff states 1953's \$853 million is 22.9% ahead of previous high in 1952. Total tax bill is \$75 million, more than double net earnings.

ALL-TIME record of \$853 million in sales last year was announced Saturday in the 34th annual RCA report released by Brig. Gen. David Sarnoff, chairman of the board. The gross income was 22.9% ahead of the previous high of \$694 million in 1952 and over 3<sup>1</sup>/<sub>2</sub> times the 1946 total sales.

Net profit in 1953 was \$35 million compared to \$32 million in 1952, or \$2.27 per share of common stock as against \$2.10 the previous year, it was stated.

Sales of NBC last year, while not broken down in the report, set a new high and were described as "substantially above those of 1952" with television accounting for 80% of the networks revenue and radio 20%.

"Gross 1953 time billings for the NBC television network increased more than 18% over 1952, and reached an all-time record," the report said. "This gain was accompanied by a marked increase in the number of clients utilizing NBC's television facilities. Sales by the NBC Spot Sales Dept. and the stations which the network owns also showed gains for the year.

#### Cites Tv Network Growth

"During the year, the television network more than doubled the number of its affiliated stations, reaching a total of 168. NBC television programs can now be viewed simultaneously in 125 interconnected cities, including major markets in Canada and Mexico. The NBC radio network continued to grow from 206 to 211 stations."

NBC's total sales for 1953 were listed at \$176,052,000, or 20.6% of the RCA total, compared to \$162,521,000, or 23.4%, in 1952.

Gen. Sarnoff's report revealed that federal income taxes, social security, property taxes and othe rstate and local taxes totaled \$48,279,000 in 1953, with another \$27,394,000 in excise taxes. This made the 1953 tax bill total \$75 million, or \$5.39 per common share and more than double the year's net earnings.

Dividends totaled \$19,963,000 in 1953, including \$3.50 per share on preferred and \$1.20 on common against \$1 in 1952. A Dec. 4, 1953, dividend of 25 cents per share of common was declared for the first quarter of 1954. Total current assets are \$349 million compared to \$304 million a year ago. Plant and equipment additions amounted to \$33 million.

Color television progress and FCC approval "of signal standards on which the RCA compatible color television system is designed to operate," set the pace for 1954 as the introductory year of color, which "holds great potentials for expansion of the industry," according to a joint statement by Gen. Sarnoff and Frank M. Folsom, RCA president, on behalf of the board.

They listed as significant advances the progress in color and black-and-white magnetic tape recording, ushering in "a new era of electronic photography"; first conversion of atomic energy into small but usable quantities of electrical energy operating electronic apparatus; continued development and application of transistors, pointing to "tremendous possibilities" for radio-tv sets and other electronic equipment.

RCA has intensified research, it was stated, with a larger and stronger organization as well as more manufacturing capacity and product diversification. "Our objective is to maintain the leadership of RCA in radio, television and electronics, to serve America and its people through production of the finest instruments and by rendering the most efficient and eco-



FIRST color tv cameras roll off RCA's plant line at Camden, N. J., ready for final test. The cameras are now ready for initial shipment to networks and independent stations.

nomical services," it was stated. "Our watchword is quality and our aim is to maintain the symbol 'RCA' as a hallmark of dependability, superior performance and progress."

Among research projects listed are development of tri-color viewing tubes in various sizes, projection-type color tv receivers and an experimental tri-color camera tube designed to take the place of the three color pickup tubes used in RCA's present color tv cameras.

#### AT&T Reports Increased Net Income During 1953

CONSOLIDATED net income of AT&T and subsidiaries in 1953 amounted to \$491,693,857, equal to \$11.71 a share of common stock, as compared with \$418,461,896, or \$11.45 a share, in 1952, according to the annual report to stockholders issued last week by Cleo F. Craig, president.

As an example of the Bell System's expan-



Advertisement

sion, Mr. Craig cited the growth of the System's television network to 260 stations in 161 cities at the beginning of 1954, pointing out that more than twice as many cities and television stations are interconnected as compared with a year ago.

The System is planning for color television, Mr. Craig continued, pointing out that 18 cities received color pictures of the Tournament of Roses parade held in Pasadena on Jan. 1. He said that other lines will be arranged for color in accordance with the needs of the broadcasting companies.

#### Avco '53 Net Is Down; Crosley Bcstg. Corp. Up

ANNUAL report of the Avco Mfg. Corp., New York, showed last week that consolidated net income for the fiscal year ended Nov. 30, 1953, dropped to \$3,368,598 from \$11,028,927 in 1952, although sales for the 1953 fiscal year reached a record high of \$414,783,527 as against \$326,585,641. Most important single factor contributing to the decline, the report stated, was the excess in inventories created last July when the manufacturing and distribution organizations of Crosley and Bendix Home Appliance Divisions consolidated under the name of the Appliance and Electronics Division. Strikes also were noted.

During 1953, the report continued, Crosley conducted developmental work on Crosley television color picture tubes at the Batavia, III., plant, and in November became the first tv manufacturer to be licensed to produce the Chromatron tube. The report said that the company does not anticipate mass production of color tv receivers until sometime after 1955, but added that color tv has had an adverse affect on sale of black and white sets.

#### **Crosley Acquisitions**

It was reported that revenues and net earnings of Crosley Bcstg. Corp., wholly-owned subsidiary, increased during fiscal 1953 over 1952 and were the highest in the company's history. During the year Crosley acquired WLWA (TV) Atlanta and Olympus Film Productions Inc., a subsidiary producing films for television and industrial use, and sold WINS New York because of "a predetermined plan to concentrate activities in the Midwest and Southeast."

#### Stromberg-Carlson Sales Up

NET sales of Stromberg-Carlson Co., Rochester, for 1953 amounted to the record-breaking figure of 65,241,861 as compared with 48,-098,209 for 1952, it was announced last week by R. C. Tait, president. Net earnings for the year, after normal taxes of 2,590,000 and excess profits taxes of 8850,000, were reported at 1,667,308 as against the net of 1,240,746in 1952.

#### RCA Cuts Prices on Items Of Color Modification Gear

SUBSTANTIAL reductions in the price of color equipment required for modifying black-andwhite tv transmitters in order to broadcast network colorcasts has been announced by RCA.

New prices, due to a reduction in the number of some items and the elimination of others, are \$9,455 for network operating equipment and \$8,833.50 for color test equipment.

These compare with first charges, based on custom built equipment, of \$14,380.15 for network operating equipment and \$12,230 for test equipment.

Among the items changed from those re-

BROADCASTING • TELECASTING



# From where I sit by Joe Marsh

# Handy and Easy "Sign Up"

Last month's safety drive was a big success—almost. About everyone in town helped. The schools ran movies on safe driving, Rotary put up posters, and Handy and Easy Peters went out on their own.

The boys put up a big sign by the side of the highway. It said, "Slow down—the life you save may be your own." It was a good idea—after the police moved the sign back twelve feet.

In their enthusiasm Handy and Easy put it too close to the road—in fact, right on the sharpest curve on the highway. They made driving *unsafe* by cutting off the view around the curve.

From where I sit, lots of people even though they mean well—suffer from shortsightedness now and again. For instance, some can never see any further than their own personal preferences. They even go so far as to object to my choice of a glass of beer with supper. Shouldn't we always take the "long view". . . and have respect for our neighbors' rights?

Joe Marsh

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quired in the first list are one \$1,400 color stabilizing amplifier, instead of two, one power supply at \$280 instead of two at \$576 each, and a phase correction network at \$875 instead of \$1,500. In the color test equipment, one change is the inclusion of a grating and dot generator at \$629 instead of a conversion generator at \$1,750, and the deletion of a color bar and square wave generator at \$2,450.

## **Transmitting Equipment**

#### TRANSMITTER SHIPMENTS Power Band

Station

DuMent Labs CFCM-TV Quebee City. Que. 500 w tv (ch. 4) new station ORDERS

General Electric Co. General Electric Co. KGVO-TV Missoula, Mont. 5 kw tv (ch. 13) new station KALB-TV Alexandria. La. 5 kw tv (ch. 5) new station KPLC-TV Late Charles, La. 5 kw tv (ch. 7) new station OTHER SHIPMENTS: GE reported iast week it had shipped a 12 kw amplifier to KCCC-TV Sacramento, Calif. (ch. 40); a 12-bay antenna to WSLI-TV Jackson, Miss. (ch. 12), and a five-bay antenna to KSAN-TV San Francisco (ch. 32). It also received orders from KGVO-TV and KPLC-TV for 12-bay antennas and from KALB-TV for a six-bay antenna.

#### Color Ty Will Draw New Advertising—Ogilby

COLOR tv will open up a new field of advertisers when it becomes a mass medium, Frederick Ogilby, vice president and general manager of radio and television, Philco Corp., told the Philadelphia Chapter of the American Marketing Assn. last fortnight.

But, Mr. Ogilby added, "It will be several years before color tv will be available to the public in great volume." Mr. Ogilby said the manufacturers cannot afford to put out a color tv receiver that will not hold up without repairs. Color sets will cost between \$1,000 and \$1,500, he said, and service contracts between \$150 and \$200. Replacement of the color tube will run about \$300, he said. Mr. Ogilby also said that the public was used to a 19 or 21 inch screen and he doubted whether it would be satisfied with a 121/2-inch color set when larger sizes were sure to come later. Inability to use color sets in normally lighted rooms was another drawback, he said.

#### FCC Sees Airtronics' **Color Converter System**

MEMBERS of the FCC watched a demonstration of a laboratory converter producing color reception on black-and-white tv receivers at a Wednesday showing by Airtronics Research Inc., Bethesda, Md. Two sets using different color wheels were shown. The method was developed by Robert P. Benjamin, 24-year-old ARI engineer [BoT, Feb 8].

A 15-inch DuMont receiver, previously shown, produced good quality color pictures marred mainly by flicker. A 21-inch Admiral set produced a picture predominantly green in color. This was ascribed by ARI to effects of the black glass in the picture tube and the use of two green filters in the wheel compared to one red and one blue filter. Plant interference also was said to mar reception at times.

Manufacturer and reporter groups will be shown the larger filter in the near future. ARI estimated the device, including converter, could be manufactured to retail at about \$100.

At the Wednesday demonstration, watching the NBC-TV Circle Theatre, were FCC Chairman Rosel Hyde and Comrs. George E. Sterling, John C. Doerfer, Robert E. Lee and Edward M. Webster, along with staff advisers.

#### IRE to Hold Color Lectures

BASIC technical aspects of color television will be described in a spring series of seven Monday evening lectures, starting next week (March 8) under joint auspices of the New York sections of the Institute of Electrical Engineers. Sessions, from 7 to 9 p.m., will be held in the auditorium of the Western Union Bldg., 60 Hudson St., New York.

D. L. MacAdam, Eastman Kodak Co., will speak on the basic principles of color. D. C. Livingston, Sylvania Electric Products, will analyze the NTSC signal specifications in the opening meetings. The following week, J. H. Roe, RCA, and P. C. Goldmark, CBS, will discuss camera equipment. On March 20 the group will visit NBC's color facilities at the Center Theatre. J. W. Wentworth, RCA, will describe the



# Emerson's Tiny Radio

EMERSON Radio & Phonograph Corp., New York, has been granted a design patent by the U.S. Patent Office for the Emerson "pocket radio," which weighs less than a pound and measures 6 inches by 11/2 inches by 3 inches and is described as "the world's smallest portable." The inventors are Dorman D. Israel, executive vice president of Emerson, Arthur C. Germer and Kenneth E. E. James.

preparation of color signals for transmission and W. C. Morrison, also RCA, the broadcast transmitter, March 29. J. L. Barstow of Bell Telephone Labs will talk on intercity transmission and J. R. Popkin-Clurman, Telechrome, on color test equipment, April 5.

Color signal reproduction will be discussed April 12 by H. B. Law, RCA Labs; N. F. Fyler, CBS-Hytron; Robert Dressler, Chromatic Tv Labs; on April 19 by D. H. Pritchard, RCA Labs, and B. D. Loughlin, Hazeltine Corp.; on April 26 by W. E. Good, General Elecritic Co., and K. R. Wendt, Sylvania Electric Products.

#### Purposes of New Hi-Fi Institute Outlined

PURPOSES and plans of the new High Fidelity Institute of the Electronics Industries were outlined last fortnight by Jerome J. Kahn, institute commissioner.

Immediate objective, he said, is to "dispel confusion" about this new development in the public mind. "Members of the institute have watched with growing concern the loose and promiscuous use of the term "high fidelity" as applied to products and techniques which may or may not meet the technical standards generally accepted within the industry," Mr. Kahr added.

The organization will set up voluntary committees to work on various program phase: with cooperation of technical, educational and advertising specialists, he said. Industry wil be encouraged to maintain institute standard: in engineering, production, promotion, adver tising and selling. The public will be advised on what to look for in buying hi-fi equipmen and methods of utilizing units and component to the best advantage.

#### **RCA Color Ty Clinics**

RCA Service Co. last fortnight opened a serie of two-day clinics on installation and mainte nance of color television receivers for serv icemen-dealer customers of RCA Tube an RCA Home Instrument distributors in 15 cities The cities are New York, New Haven, Newarl Philadelphia, Pittsburgh, Washington, Cleve land, Cincinnati, Detroit, Chicago, St. Louis Des Moines, Denver, San Francisco and Lc Angeles.

#### DuMont International Moves

ALLEN B. DuMONT Labs, international div has moved its regional sales office to large quarters in Security Bldg., 117 northeast Fir-Ave., Miami, to accommodate clients in th Caribbean area. Telephone: Miami 9-5252. O. fice is under the direction of Erich Gompert: DuMont's Caribbean sales representative.

#### ---- NETWORKS -

# Caesar, Coca Split; NBC Plans Own Shows

SPLITTING-up of the comedy team of Sid Caesar and Imogene Coca of NBC-TV's Your Show of Shows (Sat., 9-10:30 p.m.) was revealed in an announcement last week from Sylvester L. Weaver Jr., NBC president, on plans for the use of the personalities on their own tv programs next season.

Mr. Weaver added that Max Liebman, the producer of the program which has been carried on NBC-TV for the past five years with Mr. Caesar and Miss Coca as co-stars, will continue with Your Show of Shows next season using new performers and a new format. He said the changes resulted from a desire on the part of the trio "to go forward to still greater attainments on their own shows," and pointed out their plans gave NBC "the opportunity to strengthen its own program schedule with three hits and thus expand the talents of our three stars."

Mr. Weaver said that Mr. Caesar has been signed to a new long-term contract with NBC and plans are under way to star him in a new one-hour tv show in the fall. Miss Coca, he continued, is working together with NBC on the development of a new half-hour tv show in which she will star. He said Your Show of Shows will continue with Mr. Caesar and Miss Coca to the conclusion of the present series in early summer.

#### Le Roux Sues Potter, CBS, ABC for 'Contract Breach'

SUIT for \$3,500,000 charging plagiarism and preach of implied contract was filed last Tueslay in Los Angeles Superior Court against lisc m.c. Peter Potter, CBS and ABC by tw producer Arch Le Roux, who also is president of Leaders Records.

The plagiarism charges involve Mr. Potter's veekly 90-minute Juke Box Jury on KNXT TV) and his weekly half-hour Peter Potter how on ABC-TV. Format of both programs s alleged by the plaintiff to be the same as his ormer Arch Le Roux Revue, which he had roduced on KRON-TV, San Francisco from pproximately March 2, to June 2, 1950, and n KNBH (TV) Hollywood from approximate-y June 25, 1950, to Jan. 12, 1951.

Mr. Potter, the suit contends, used the same ormat of playing pre-release records for a anel of guest stars who in turn evaluated the ecords.

#### **New Regional in Illinois**

IEW regional hookup, the Abe Lincoln Netork, will be formed in Illinois shortly, accordig to J. R. Livesay, president and general ianager of WLBH Mattoon. Stations will be onnected by fm, Mr. Livesay said. Sales ofce and plans for the project will soon be anounced.

#### 'ark Notes Tv's Impact )n Small Advertisers

MPACT of color tv and new television sales ans for small advertisers were reviewed by en Park, network program manager, NBC entral Division, in an address before the hicago Junior Chamber of Commerce and idustry last fortnight.

Mr. Park noted that "television has been so



\*"I'm holding up three fingers to show how perfectly the Studio Zoomar operates with three other lenses on the turret. At last it's possible to have the flexibility of a multiple lens arrangement, without switching to another camera. The new Studio Zoomar lens makes the one-camera show a reality."

Studio Zoomar is made by the makers of the famous Television Zoomar lens, in use by most major TVstations. It's fast (f/2.8), optically balanced, fully color corrected, and can be used for both black and white and color cameras, including RCA. The zoom setting compares with standard studio lenses, for matched switching, if desired. Here

we have the most versatile time and money saving lens ever developed for TV studio use. Its zoom range is  $2\frac{1}{4}$  to 7 inches; it is one foot long and weighs 6 pounds. Its price is right, and many studios state that the Studio Zoomar has already saved them far more than its cost.

Prove it Hoursel

WE WILL DEMONSTRATE STUDIO ZOOMAR ON YOUR EQUIPMENT, WITHOUT OBLIGATION.



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ROADCASTING • TELECASTING

Another Reason Why Morning Radio PAYS OFF for WSYR Advertisers



Deacon Speakin'''

By all odds the top farm-program personality in Central New York, Bob Doubleday, the RFD Deacon, mixes wisdom and wit to hold the enthusiasm of his huge farm audience. City slickers listen, too. Participating, Monday through Saturday,

5 to 7 a.m.

Headley-Reed, National Representatives



High Ratings! Top Notch Merchandising! Low Rates!

\* Pulse of N. O. (Nov.-Dec. '53)



------ NETWORKS ---

enormously effective compared against radio that advertisers have seen fit to leave many of their radio commitments and take on television ones. A great many advertisers who could never use radio have become important clients to the television business. With the advent of color, this trend will gain additional impetus."

The NBC executive observed that, while advertisers are spending more money and getting less air time on television than radio, "the effectiveness of the time they do spend on the air is far greater." With tv, Mr. Park said, the advertiser is "selling products far in excess of the rate at which he was able to sell them using radio alone."

In NBC-TV's *Today* and *Home* formats, Mr. Park added, "we have begun to find an answer which will spread throughout NBC and ultimately throughout the entire television broadcasting industry."

#### AT&T Links Four

ADDITION of WRDW-TV Augusta, WTOC-TV Savannah, Ga., and WNEM-TV Bay City, Mich., to the Bell System's network of tv facilities has been announced by AT&T's Long Lines Dept. Both WRDW-TV and WTOC-TV are fed from intercity facilities extending between Columbia, S. C., and Jacksonville, Fla., to Augusta. From there programs go to WTOC-TV over a new 129-mile radio-relay route.

In the case of WNEM-TV, a temporary radio-relay route is used to deliver tv signals from the Detroit area to the station's transmitter.

KTXL-TV San Angelo, Tex., has been connected with AT&T's nationwide network of tv transmission facilities, making the 280th station and the 176th city to which network tv programs are now available.

#### Missouri Group Signs First Regional Client

A FOUR-WEEK saturation campaign totaling 280 spots has been placed by the Reitz Meat Pkg. Co., through Litman-Bremson Agency, Kansas City, on Missouri Triangle network, which includes KUDL Kansas City, KDKD Clinton and KOKO Warrensburg.

David M. Segal, general manager of the new regional network, said the contract was the first one signed by the three-station group, first offered as a package Feb. 1. Other accounts being signed by the trio are Troug & Nichols Air Conditioning and Trading Post of Kansas City, Mr. Segal said.

#### **ABC-TV Sets Panel Show**

ABC-TV will unveil a new panel show with Bergen Evans March 4, 7-7:30 p.m., with the origination of *It's About Time* from the network's Chicago studios, it was announced Wednesday.

Format of the new show, packaged by Louis G. Cowan Productions, calls for panelists to identify, through Mr. Evans' clues, a subject known only to the moderator and audience. Panelists will include Robert Pollak, stockbroker and former drama critic; Ruth Duskin, Northwestern U. student and one-time "Quiz Kid"; Shirley Stern, Chicago housewife, and Vin Gottschalk, radio-tv announcer.

#### - EDUCATION -----

# New Jersey Commission Backs Educ. Tv Project

State-appointed unit recommends continued research even though Gov. Meyner has come out against it.

MEMBERS of a New Jersey commission on educational television reportedly are anxious to go ahead with plans to build and operate a broadcasting station despite Gov. Robert B. Meyner's decision to drop the project.

The governor told the state legislature last week he had decided against any appropriation for educational television next year.

The commission, which was appointed by former Gov. Alfred E. Driscoll in 1952, has recommended appropriation of \$292,000 to carry on the N. J. Dept. of Education's television research project at Rutgers U.

Most of the money would have been used to operate a television transmitter and studio. The Dept. of Education has been promised \$100,000 from the Ford Foundation to help construct the station and has been loaned equipment by private industry.

Studio facilities were to be located on the Rutgers U. campus. A 5 kw vhf transmitter was to be constructed at Washington Rock State Park.

The FCC allocated six channels to noncommercial television in New Jersey in April 1952. It later gave the Dept. of Education a permit running to July 1, 1954, to build one station. Education officials have said the FCC would extend this period.

The commission recommended last March that the station be utilized as a start for a statewide system in two stages: first an additional station near Camden with a transmitter near Mount Holly, then three additional stations near Freehold, Hammonton and Andover.

A commission majority asked for \$425,350 last March to start work on the station immediately, but Gov. Driscoll granted \$75,000 tc continue research. Private sources have offered to help since then.

#### 'Serious Doubts'

Gov. Meyner told the legislature that even in New Jersey could afford the \$292,000, "serioudoubts would remain as to the propriety o publicly-financed, state-controlled televised in terference with local school programs."

The governor added "a 20-inch screen should not come between teacher and pupil durin; school hours."

Dr. Elmer W. Engstrom, vice president i charge of RCA Labs and chairman of the com mission, said he felt the state had "a definit obligation" to explore the possibilities of edu cational television.

Dr. Engstrom said the commission woulrelease soon its second annual report recorr mending continuation of tv research work.

# Educ. Radio-Tv Center Schedules Spring Debut

THE Educational Radio-Television Center i Ann Arbor, Mich., will start offering its program services to educational tv stations on "formal basis" this spring, it was learned la week.

The center was set up early this year with \$ million of Ford Foundation money. It is in tended to serve as a clearing house for fill programs used or produced by educational
outlets and to furnish grants for that purpose.

The center, which originally was to be located in Chicago, is headed by H. K. Newbern, former president of the U. of Oregon. Its board of directors includes C. Scott Fletcher, president of the Fund for Adult Education. It hopes eventually to be the nucleus for an educational tv film or kinescope network and also will work with the National Assn. of Educational Broadcasters.

Program services were made available to stations unofficially beginning Jan. 1. The center, which plans to begin May 1, is studying a possible exchange of scripts among stations.

WTTW (TV) Chicago, licensed to the Chicago Educational Television Assn., is seeking financial aid from the center for production of about 12 series of film shows, it was reported.

As a part of the project, any educational tv station can take advantage of the center's services for an annual \$1,000 fee. In return the stations are guaranteed five weekly hours of educational program fare.

Board members of the Ann Arbor educational radio and television center, in addition to Mr. Newbern and Mr. Fletcher include Richard B. Hull, WOI-AM-TV Ames, Iowa; George Stoddard, former U. of Chicago president; Robert D. Calkins, president of Brookings Institute, Washington, D. C., and Ralph Lowell, Boston Safe Deposit & Trust Co.

## Publishing Firm, Tulane U. To Conduct Basic Tv Clinic

THE Times-Picayune Publishing Co. (WTPS New Orleans and applicant for ch. 4 there) is cooperating with Tulane U. in conducting a clinic in basic television for civic leaders, those interested in educational tv stations proposed in New Orleans and Baton Rouge and education officials who will avail themselves of public service time from commercial tv stations.

The clinic, which opened last Tuesday, utilizes among other equipment two camera chains and studio equipment owned by the publishing company.

## WAAM (TV), Schools Sponsor Tv Seminar

Industry executives give key to successful station operation and cite career opportunities for record student attendance.

LOCAL television station operation problems and career opportunities highlighted talks by industry spokesmen Friday and Saturday at the fourth annual regional tv seminar sponsored by WAAM (TV) Baltimore in cooperation with five universities and the U. S. Office of Education.

Held at the WAAM studios, the two-day conference featured tv station and advertising agency executives from five states and the District of Columbia, with Carl Haverlin, president of BMI, the principal speaker at the Friday evening annual dinner.

Record attendance of students from more than a hundred colleges in the East and Southeast was reported by Ken Carter, WAAM general manager. Schools co-sponsoring the seminar with WAAM were American U., Johns Hopkins U., U. of Maryland, U. of North Carolina and Temple U.

Friday morning session, under chairmanship of Clair R. McCollough, general manager of the Steinman radio-tv stations, considered the outlook and responsibilities of management and station operating departments. Participating were Armand Grant, director of sales, WAAM, and J. G. Leitch, vice president in charge of engineering, WCAU-TV Philadelphia; William Quinn, program director, WBTV (TV) Charlotte, N. C.

Afternoon seminar Friday featured Cody Pfanstiehl, director of press information, WTOP-TV Washington; Robert E. Lee, assistant program director, WSVA-TV Harrisonburg, Va., and Nick Basso, director of news and special events, WSAZ-TV Huntington, W. Va.

#### Key to Success

At the Friday dinner, Mr. Haverlin gave the key to program success, urging the use of imagination coupled with intelligence and technique. He noted that "program content is not always the determinant factor" in winning audiences; that "the manner of presentation often decides a program's success or failure."

He said "it is clear that the audience has not a determined point of view on programs except that they shall be well done and pleasing. It reposes complete confidence in the stations it favors and that confidence is based upon the realization that if certain programs fail to please, other programs that fill the needs of the moment may be easily found by twisting a dial. The audience trusts broadcasters to think for it; it has demonstrated its complete satis-



BROADCASTING . TELECASTING

#### EDUCATION =

faction with broadcasting as it is, for over 30years, and it has resisted every effort of those who insist that some other system would be more satisfactory."

Mr. Haverlin said that "in over 35 years, am radio has brought the use of the imagination to such a high level that it has much to teach television. A good am narrator with a wellwritten script and a half-dozen well-chosen records can reach into the very recesses of men's minds and stir their imaginations at will. Television, through its very nature, is literal to begin with and tends to become magnificently more so."

The WAAM production crew was to demonstrate program techniques at the Saturday morning meeting while the afternoon panel was to feature "Evolution of a Commercial" by James O. Luce, Fred Raphael and Dwight Davis, all of J. Walter Thompson Co., New York. Mr. Luce is JWT's chief timebuyer; Mr. Raphael, writer and film coordinator, and Mr. Davis, radio-tv writer.

Mr. Luce showed in one instance how the print theme is adapted to television and in another how the television theme is adapted to print. He related problems behind an advertiser's campaign. The trio also explained film techniques and showed various film commercials.

## Harvard, Holy Cross Join Schools Using WTAG Series

HARVARD U. and Holy Cross College have joined other New England schools utilizing Louis Fointaine's *Main Street, Europe* series as part of their curricula. Others participating in the experiment with the WTAG Worcester, Mass., broadcasts are Clark U., Wellesley College and Wesleyan U.

At Holy Cross, recordings will be used this month in the Institute of Industrial Relations seminar as well as in regular classroom discussions. Clark includes the broadcasts in graduate classes on geography and Harvard plans to use tapes in lectures on nationalized industries.

Series comprises interviews recorded in Europe with all categories of workers and business men on the subject of free enterprise versus socialism.

## New Studios at Notre Dame

WNDU, Notre Dame U. campus station at Notre Dame, Ind., has completed its move to new studios in the recently-completed Liberal and Fine Arts Bldg. on the school grounds According to Thomas J. Knott, station manager, WNDU maintains a twelve-hour daily broadcast schedule, seven days a week.

## FREEDOMS FOUNDATION AWARDS HONOR RADIO, TELEVISION PROGRAMS

Ziv's 'Freedom, U. S. A.' took first place in the radio category while the ABC-TV (duPont) 'Cavalcade of America' placed first in television.

RADIO and television programs were cited for their contributions to the American way of life at the annual awards ceremony held Monday at Valley Forge, Pa., by Freedoms Foundation. Total of 817 citizens and organizations shared \$27,850 in cash prizes.

Top radio award was presented Frederic W. Ziv Co. for its *Freedom*, U.S.A. series. Top television award went to E. I. duPont de Nemours & Co. for its ABC-TV Cavalcade of America series.

Honor medal awards for radio series were presented as follows: ABC, The Great Ad-



E. I. duPont de Nemours & Co. earned the top tv award from the Freedoms Foundation for the ABC-TV Cavalcade of America series, typified by this scene from the Oct. 20, 1953, show, "Sunset at Appomattox."

venture; WCAU Philadelphia and Americans for the Competitive Enterprise System Inc., Strength of a Nation; Bank of Douglas, Phoenix, Ariz., for KOY series, Sam Jones, American; Robert D. Breth, Philadelphia, Freedom Challenges Youth, on WPEN; CBS, Feature Project; WAKR Akron and Community Service



Center, In a Minor Key; Ladies Auxiliary, Veterans of Foreign Wars of the U. S., American Trail series; NBC, Last Man Out; New York State Dept. of Commerce, Our Freedoms' Blessings; Ohio Bell Telephone Co., The Ohio Story, on WGAR Cleveland; Southern Arizona Bank & Trust Co., Tucson, Ariz., Graham French Reporting on KOPO Tucson; Spiritual Mobilization, Los Angeles, The Freedom Story; Town Hall Inc., America's Town Meeting of the Air, on ABC; WGST Atlanta, Robert R. Siegrists' Korean Prisoner of War Exchange series; WGY Schenectady, N. Y., I Speak for Democracy; WLOA Braddock, Pa., The House You Live In commentary.

Honor medal awards for single radio program: American Legion Auxiliary, Indianapolis, A Letter From Mother, NBC; Armed Forces Radio Service, The Pendleton Story; Hall Brothers, Maj. Gen. William F. Dean program on NBC Hallmark of Fame; World Broadcasting System, Freedom Is Our Business.

Honor medal awards for television program series were presented to Admiral Corp., Life Is Worth Living, on DuMont Tv Network; American Forum of the Air, NBC-TV; Du-Mont Tv Network, The Big Issue; Family Theatre, Hollywood, Inspiration, Please; General Electric Co., The Fred Waring Show on CBS-TV; Iowa State College, A Voice Out of Time, on WOI-TV Ames; Lutheran Laymen's League, This Is the Life; National Assn. of Manufacturers, Industry on Parade; Revere Copper & Brass, Meet the Press, on NBC-TV; Frederic W. Ziv Co., Cincinnati, I Led Three Lives; Wayne U. and WWJ-TV Detroit, International Town.

#### **Tv** Honor Medals

Honor medal awards for single tv program were presented to Aluminum Co. of America, "The Lt. Radulovich Story" on CBS-TV See It Now; CBS, National Boy Scout Jamboree; Gillette Co., "Angel in the Infield," CBS-TV City Hospital series; Hall Brothers, "Horace Mann's Miracle" program on Hallmark Hall of Fame, NBC-TV; Jewish Theological Seminary of America, "The King's Hunchback" on NBC-TV Frontiers of Faith; WCAU-TV Philadelphia, Community Chest Rally; Junior Order



TOP AWARD of Freedoms Foundation in the radio class is presented to Robert W. Friedheim (c), vice president of Frederic W. Ziv Co., for the Ziv Freedom U. S. A. series. Congratulating Mr. Friedheim are Dr. Milton S. Eisenhower (1), president of Pennsylvania State College, and Dr. Kenneth D. Wells, foundation president.

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ADMIRAL Corp.'s Life Is Worth Living on DuMont Television Network, singled out for tv honors by the Freedoms Foundation, features Bishop Fulton J. Sheen.

United American Mechanics, Long May It Wave, on WFIL-TV Philadelphia; Pacific Coast Borax Co., New York, "Land of the Free" on CBS-TV Death Valley Days; Philco Corp., "The Reluctant Citizen" on Philco Television Playhouse, NBC-TV; Teleprograms Inc., "Decision at Christmas" program on NBC-TV American Inventory; United States Steel Corp., "P. O. W." program on ABC-TV U. S. Steel Hour.

NBC was given a second place award in the general group for its Integration Without Identification anti-segregation policy. Adelaide Nacamu, Peekskill, N. Y., a national winner in the 1952-53 Voice of Democracy contest, was given a cash award for a statement on freedom.

KYW Philadelphia and John Franklin, newsman, received honor certificates for a spot commentary, "Do All You Can to Protect It."

## Chicago 'Distinction' Awards

BROADCASTERS will participate in the fourth annual "distinction" series of sessions conducted by the Women's Advertising Club of Chicago during March, it was announced last fortnight. Three sessions—March 1, 8 and 15—look toward the selection of "Chicago's Woman of Distinction for 1954." Among broadcasters taking part are Eleanor Ruby Anderson, WGN Chicago's "Virginia Gale" and series director, and Earl Nightingale, conductor of his own radio-tv shows on that station. Clifton Utley, NBC Chicago commentator, will serve on the jury, with selection to be announced March 15.

## Family Tv Award Announced

ESTABLISHMENT of a Family Service Television Award to be presented annually to a network television show which "best presents a picture of wholesome American family living" has been announced by Clark W. Blackburn, general director of the Family Service Assn. of America. The association, which has a membership federation of 260 family service agencies in some 230 cities throughout the country, will present the award during National Family Week, May 2-8.

## Ed Sullivan Honored

ED SULLIVAN, Toast of the Town m.c., was honored last Saturday as the "Outstanding Tele-

vision Personality of 1953" by the Advertising Club of Baltimore. He was presented with a bronze plaque at a dinner attended by tv, advertising executives, and federal and local officials, including Jack L. Van Volkenberg, CBS-TV president, and Maryland Gov. Theodore R. McKeldin.

## Stanton to Accept Award

FRANK STANTON, president of CBS Inc., will receive the American Legion's Award for Americanism next Sunday on behalf of CBS Radio and CBS-TV. Presentation will be made during the *Jack Benny Program* (Sun., 7-7:30 p.m. EST), which was especially cited in the award.

## SDX Awards Juries

SEVERAL broadcasters will serve on Sigma Delta Chi Distinguished Service Award juries for 1954 winners in journalism. Final selections in 14 divisions will be announced at a presentation ceremony at the Waldorf-Astoria Hotel in New York April 13. Broadcasters are: Fred Sorenson, WCIA Champaign, Ill., Richard B. Oberlin, WHAS-TV Louisville; James M. Caldwell, WAVE Louisville; Jean Clos, WKLO-TV Louisville; James Byron, WBAP-AM-FM-TV Fort Worth; David R. Showalter, KNX Los Angeles; Karel E. Pearson, NBC Los Angeles.







RUFUS THOMAS Another Dynamic WDIA Personality

## UNCLE BEN'S RICE Another Big Name With WDIA, Memphis

Yes, Uncle Ben's Rice gains completely domimating co erage of the 562,212 Negroes in WDIA's rich 27-county Nielsen area with a schedule of 10 spot announcements weekly. Let us tailor a spot or program schedule to fit your budget so that you, too, can reach this 46.9% of the total area population! Join the great WDIA list of blue chip accounts that includes such names as Kroger Stores, Calumet, Taystee Bread, Blue Plate Foods, Carnation Milk, Cheer, Philip Morris and many others. Get the full WDIA story today!

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FOUR WINNERS of the Voice of Democracy Contest presented a plaque to President Eisenhower Thursdoy, extolling his efforts on behalf of democracy. Informed that winners received \$500 checks, President whistled and said, "You'll have to pay an income tox." The winners (I to r): Joel H. Cyprus, Wichita Falls, Tex.; Philip M. McCoy, Kansos City, Kan.; Elizobeth Ellen Evans, Akron, Ohio, and Joseph Gerdes, Harrisburg, Pa. They olso received scholorships, trophies and ty sets.

## Four VOD Winners Feted in Washington

FOUR high school students who won the annual Voice of Democracy Contest awards wound up a week in Washington and colonial Williamsburg, Va., last Friday and headed for their homes. They were greeted at the Executive Offices Thursday by President Eisenhower.

Scholarships, trophies and tv sets were presented to the yuung people by NARTB, Radio-Electronic-Tv Mfrs. Assn. and U. S. Junior Chamber of Commerce, co-sponsor of the annual contest. Presentations were made Wednesday at the annual awards luncheon by Sen. Charles E. Potter (R-Mich.). Dr. Samuel Brownell, U. S. Commissioner of Education, was luncheon chairman. Robert K. Richards, NARTB administrative vice president, is chairman of the VOD committee.

CBS, NBC and Voice of America broadcast portions of the Wednesday luncheon program. Excerpts of their talks were delivered by the four winners—Elizabeth Ellen Evans, Akron; Joseph Gerdes, Harrisburg, Pa.; Joel Howard Cyprus, Witchita Falls, Tex., and Philip Max McCoy, Kansas City, Kan.

The winners took part in the Feb. 19-21



RED FEATHER lapel pins are presented by Paul K. Yost (I), Los Angeles Community Chest executive, to Douglas Meservey (c), account executive, J. Walter Thompson Co., Hollywood, and Burt Oliver, vice president and Hollywood manager, Foote, Cone & Belding, for volunteer services in the 1953 Chest campaign. Democracy Workshop conducted at colonial Williamsburg. Among participants in the workshop were NARTB President Harold E. Fellows and Judith Waller, NBC public affairs and education director in the Midwest.

On the Senate floor last Tuesday Sen. Andrew F. Schoeppel (R-Kan.) asked the VOD winners, seated in the balcony, to stand "so that Senators may see them." The four were applauded by the Senate as their names were read. Sen. Schoeppel is a member of the Interstate & Foreign Commerce Committee. He introduced into the *Record* the winning broadcast essays.

Members of the VOD committee, besides Chairman Richards, are Oscar Elder, NARTB; James D. Secrest and Peter H. Cousins, RETMA; Gene Trumbal, Jaycees, and Dr. G. Kerry Smith, Assn. for Higher Education. Campbell Arnoux, WTAR-AM-TV Norfolk, Va., is VOD broadcast adviser.



## CHCH (TV) DEBUT SET FOR APRIL 25

CHCH (TV) Hamilton, Ont., is scheduled to go on the air April 25 on ch. 11 as the first independent tv station in Canada to compete

CANADA with Canadian Broadcasting CORDADA Corp.'s CBLT (TV) Toronto, 40 miles east of Hamilton.

CHCH (TV) also will be the first Canadian independent tv station under ownership of a group of broadcasters—CHML and affiliate CJSH (FM) and CKOC Hamilton. It has an RCA transmitter and studio equipment, a directional "Wavestack" antenna designed by RCA Victor. of Canada and a mobile RCA unit.

Equipped with a forum studio which has an audience capacity of 4,000 plus three other studios, CHCH (TV) will program nine hours daily, with two five-a-week live women's afternoon shows. The temporary station rate card is based on \$300 per hour for Class A time. CHCH (TV) is represented by All-Canada Radio Facilities, Toronto. Ken Soble, owner of CHML, is general manager.

## VOA Rates First Behind Iron Curtain

BEHIND the Iron Curtain young people find Voice of America programs the most popular among western radio broadcasts and they rate news first.

IRON CURTAIN Running near VOA programs in popularity are the British Broadcasting Corp. and Radio Free Europe broadcasts.

These findings highpoint a survey by the Foreign News Service Inc., New York, which has a contract with the U. S. Information Agency to interview refugees on listening habits as they arrive from the Soviet orbit. USIA has released parts of the study. According to USIA's summary, current find-

According to USIA's summary, current findings cover interviews with 110 representative persons among the most recent escapees from East Europe. Ages range from 11 to 26; all but two had escaped in 1953 and they represented 13 nationalities of eight countries. All had to take risks to tune in free world stations.

The already-determined need and desire for news among adults was even reflected in the young people who rated this type of programming as top listening. This, despite the youthful interests in jazz, movies and women's fashions, USIA said.

Also appearing in the survey results were these factors: A desire for liberation; a favoring of satire—such as political satire and jokes about communists; true features about Western democracy—scientific programs were held up as examples; irritation with "boasting" that everything in America is better than anywhere else and "too much optimism" in programs they want encouragement, not lectures.

## CBC, CCAA Sign Contract Effective to Aug. 14, 1955

DIFFICULTIES between Canadian Broadcasting Corp. and Canadian Council of Authors & Artists regarding television performance have

CANADA been ironed out and a new agreement signed at Ottawa to end Aug. 14, 1955.

Major point of contention, control by the union of non-union guests and members of tv panels and public opinion shows [B•T, Feb. 15] — INTERNATIONAL —

remained unchanged with CBC maintaining its

right to ask whom it pleases to take part in

panel shows. The union request that non-

union guests and panel members of such shows

join the union if they are sponsored, was dis-

cussed, but sponsorship of such shows would

require changes in present CBC radio-tv regu-

lations. At present opinion shows may not be sponsored on CBC networks.

nouncing the agreement, said terms are similar

to those under which artists have been working

the past four months. The contract covers artists on CBC-TV, but does not include mu-

sicians. Negotiations lasted 13 months, and

cover CBC-TV operations at Montreal and

Toronto.

J. A. Ouimet, CBC general manager, in an-

## Chipp to Latin America

RODNEY D. CHIPP, engineering director for DuMont Tv Network, has begun a month's tour of major Central and South American cities as a consultant on tv

LATIN AMERICA operations for the International division of Allon P

tional division of Allen B. DuMont Labs. Noting that television activity is increasing rapidly in these areas, Ernest A. Marx, director of the International Division, said Mr. Chipp would provide new and prospective telecasters in Central and South America first-hand engineering information and advice.



## AFM, NETWORKS IRON OUT KINKS FOR FORMAL FIVE-YEAR AGREEMENT

CBS, though wanting a three-year pact, agrees to the longer contract. Local 802 next turns to local DuMont and MBS outlets.

FORMAL signing of a contract between the American Federation of Musicians (AFL) and NBC, CBS and ABC was expected to take place over the weekend as attorneys for all parties were occupied last week in formalizing an agreement reached on Feb. 19 [B•T, Feb. 221.

One detail that was settled last week was approval by CBS of a five-year contract. At the time the agreement was reached, CBS had not consented to the length of the pact, as had NBC and ABC, but had voiced preference for a three-year contract as had been the practice in the past.

Counsel for management and the union last week were framing the language of the contract, although its substance already had been approved. Under terms of the verbal agreement, staff musicians employed at ABC, NBC and CBS radio and television networks will receive a 10% increase the first three years and 10% more the fourth and fifth years. It also specifies that quotas for staff musicians be maintained for the length of the five-year contract. They are: NBC, 90, and CBS and ABC, 65 each.

Neither side expressed jubilation over terms of the contract, but it was pointed out that concessions were gained by the networks in some areas and by the federation in others. It was described by spokesmen for manage-



ment and the union as a compromise arrangement.

From the network point of view, one source said, the increase in wages was not too steep, considering it applied only to staff musicians and not to free-lance or single-appearance musicians. The length of the contract, it was pointed out, will prevent another long, drawnout battle three years from now. It was believed, however, that CBS objected to the length of the pact because the fourth year provides for another 10% wage rise, whereas CBS feels that economic conditions at that time may not dictate such an increase. Though the Federation relented on its demands for the use of "live" musicians on all live programs, it was reported that the networks did not consider this a genuine Federation condition, but merely a negotiation talking-point to wring other concessions.

#### **Federation Gains**

From the Federation viewpoint, a union observer said, a commitment was obtained to maintain the current quota of staff musicians on a five-year basis. Another advantage AFM gained, he added, was the right to continue to charge transcription rates for recording of music for bridges and themes and for prerecording of programs. He said the networks had been pressing for the "live" music rates, which are lower.

New York Local 802, which was in the forefront of the "live" musicians issue, was re-ported to be the most disappointed element within the Federation. One source emphasized that the local is not feuding with AFM President James C. Petrillo and other locals for yielding on the "live" musicians issue, but that the New York musicians are "extremely disappointed" with the stand adopted by the Federation.

Al Manuti, president of Local 802, authorized a statement to BoT last Thursday in which he said that "the fight for 'live' musicians will go on."

Mr. Manuti's stand on "live" musicians was expressed in a letter under his signature to the New York Times published on Feb. 20 in reply to statements made in a series of articles on AFM appearing in that newspaper. Though the letter was written before the AFM-network agreement had been reached, he said last Thursday that his attitude remained the same. The letter said in part:

Thursday that his attitude remained the same. The letter said in part: On our current negotiations with the networks, the executives say that apart from humanitarian-ism, they see no reason to surrender their right to shape their own programs on the most efficient basis possible. We are not asking the networks for a display of "humanitarianism" (we leave that to their Strike-1t-Rich-type of show) and deeply resent the implication that we are asking for a "handout." Our argument is that every other element and individual in a network show is paid for each time it is used. We ask that "live" music be used and paid for on the same basis—instead of present and growing factors of using a transcrip-tion for as many shows as desired with no pay-ment beyond the initial one for making the transcription itself. The network counter-proposal completely ig-nores ours and instead offers this: "Companies to be permitted to reorganize themes and bridges library." This is tantamount to the networks telling us -and they don't deny it—that they intend to use the few remaining shows that use "live" musicians to build up a tremendous library of all types of music, following which they can dispense with our services entirely. Finally, I should like to say that the statement of the networks that the operation of the yard-

stick of "most efficient basis possible"—which, it is fair to translate, as most economical basis possible—is shocking and self-damning. The networks have other responsibilities be-sides making as much money as possible. They are not altogether a private commercial enter-prise. They have received free of charge from the American people their most precious asset— the channel on which they operate. In return for it, they have incurred responsibilities from the donors. Whether they like it or not, whether they wanted it or not, this country has turned over to them a great deal of its culture with an implicit mandate to further it and enrich it. Is it too much for us to "demand" that each network maintain a permanent staff of musicians and give the public, when they present a show, the best in musicianship as they do in every other field?

other field?

Local 802, along with other local unions in key cities, launched negotiations last week with local Mutual and DuMont stations for a contract covering musicians. DuMont and Mutual are not covered by the network contract be-cause, as Mr. Petrillo phrased it, the Federation does not consider them "real networks." It could not be ascertained whether Local 802 will attempt to press for "live" musicians on the local level, a spokesman stating that demands could not be discussed at this stage of negotiations.

Mr. Manuti has called a special meeting of Local 802 for Thursday, at which he plans to give a full report on Federation negotiations, as well as discussions with WOR and WABD (TV) New York, Mutual and DuMont key stations, respectively.

## **All ALA Members** To Reorganize—Cool

**REORGANIZATION** of radio, tv and motion picture writers in the Authors League of America, under discussion for several months, will be finalized by mid-May, it was predicted last week by Gomer Cool, Radio Writers Guild regional vice president in Hollywood. His statement followed an announcement that eastern council members in New York have approved the plan as detailed by RWG National President Jerry Lawrence and would meet today (Monday) to start formalizing details.

When RWG in New York completes details, the union will meet with Television Writers Group of ALA in that city to draft a final constitution, Mr. Cool said, adding that "any move we make will be in harmony and agreement with ALA."

TWG also is finalizing its constitutional requirements following a meeting of its representative, Elihu Winer, with executives of RWG and Screen Writers Guild.

"We can now say, for the first time, that realization of the reorganization plan is close at hand," F. Hugh Herbert, SWG president, said.

Terming progress made "the achievement of a dream long deferred," Warren Duff, chairman of the SWG reorganization committee, declared, "The savings in time, money and effort which this union of all writers on both coasts will achieve is incalculable. The progress which will result from unified policies and combined expenses will be a great boon to writers everywhere."

Meanwhile, Hollywod members of Television Writers of America voted unanimously Tuesday to file immediately for an NLRB election in radio, affirming their desire for a strong national union covering both radio and tv on grounds writers shift from one media to another.

TWA members felt that with radio freelance and packager contracts expiring in the spring, and negotiations for both media on a national basis, maximum bargaining strength could be achieved by one single broadcasting writers union.

## - PEOPLE -

#### **Advertisers**

A. H. Brawner, president, W. P. Fuller & Co., S. F. (paint manufacturers), and O. E. Seegelken, assistant sales manager, California Packing Co., same city, named to board of directors of food packing firm.

Paul W. Hake, vice president-general sales manager, Kuehne Mfg. Co., Mattoon, Ill. (chrome furniture), elected vice president in charge of sales and merchandising, United Wallpaper Inc., Aurora, Ill.

Charles F. Mikuta and Russell F. Willie promoted to sales promotion manager and assistant advertising manager, respectively, Norge div., Borg-Warner Corp., Chicago.

J. R. Merrill appointed advertising and sales promotion manager, Lennon Furnace Co., Marshalltown, Iowa. He succeeds E. R. Champion, who enters advertising agency field in Muncie, Ind.

Barney Corson, director of merchandising, Tidy House Products Inc.,

> Shenandoah, Iowa (household prod-

> ucts), appointed ad-

Richard R. Adams,

assistant division

Grape Juice Co.'s

Western Division,

appointed merchan-

dising manager; Rob-

ert G. Griffin, named

field sales manager,

same division.

manager.

Welch's

vertising manager.



MR. CORSON

John D. Stacy, sales promotion manager, Jacob Ruppert Brewery, N. Y., to Broil-Quik Co., N. Y., in same capacity.

#### Agencies

Sam D. Whitacre, account executive, KGA Spokane, to West Pacific Adv., that city, in similar capacity.

Perry Culp Jr., assistant public relations director, Long-Bell Lumber Co., Longview, Wash., to Cole & Weber, Portland, Ore., as account executive.

Lee Williams, formerly vice president and account supervisor, Foote, Cone & Belding, Chicago, appointed account executive Earle Ludgin & Co., same city.

Theodore Fremd, former vice president, Ralph H. Jones Co., N. Y., N. Y., and T. M. Gomolak, assistant advertising manager, Montgomery Ward & Co., Denver, to Axelsen Adv. Agency,

## Sarnoff on the U.S. Family

BRIG. GEN. David Sarnoff, chairman of the boards of RCA and NBC, asserts the average American family is "better off than any other average family has been in history." He offers these views in an article titled "The Luckiest Family in the World" in the Feb. 19 issue of the Woman's Home Companion. Gen. Sarnoff says the "real secret of America's prosperity" is based on two factors: higher production and more equal distribution of food and goods per person than any other country on earth.

Denver, as account executive and promotion manager, respectively.

cago.

Sam L. Austin. director of public relations and



MR. AUSTIN

Charles R. Ruston.

national merchandise manager, Colgate-Palmolive Co., New Jersey, to Erwin, Wasey & Co., L. A., as member of plans board and account executive.

Don McGee, former vice president, Dancer-Fitzgerald-Sample Inc., S. F., to Buchanan & Co. Inc., same city, as vice president of plans board and account executive.

Thomas G. Monahan, West Coast manager, Graham & Gillies, N. Y. and London, to Willard G. Gregory & Co., L. A., as account executive.

Edwin A. Wilhelm, production executive on all



Gillette shows for Maxon Inc., Detroit, appointed executive in charge of Maxon's radio and tv dept. headquartered in New York.

Jay Stuart, formerly of Ben Sackheim Inc., N. Y., to production staff, Edward Kletter Assoc., same city; John La-Pick to art dept. and Zara Grauer to ra-

MR. WILHELM

dio-tv dept., Kletter agency.

Bob Kirschbaum, Kenyon & Eckhardt, N. Y., to Grey Adv., same city, as radio-tv copy group head.

Rhea W. Bennett to Richard Jorgensen Advertising, San Jose, Calif., in copy-contact position.

William H. Naney, formerly in charge of radiotv for midwest branch of American Red Cross, to Krupnick & Assoc., St. Louis.

Nat M. Kolker, owner, Nat M. Kolker Agency, Phila., elected president, National Federation of Advertising Agencies.

Edgar J. Kassan, 32, vice president, Joseph Katz Adv. Co., Baltimore, killed by a car Feb. 22.

#### Stations

Gordon Williamson, radio-tv director, M. Belmont Ver Standig Adv., Washington, to WISE-TV Asheville, N. C., as general manager.

Charles Payne, assistant manager, and Bob Tripp, chief engineer, KIXL-AM-FM Dallas, Tex., appointed general manager and assistant manager, respectively, same station.

Walter L. Braeger, formerly tv production manager, WILS-TV Lansing, to WNAM-TV Neenah, Wis., as station manager.

Don Mann, account executive, WBBM-TV Chi-



## FOLGER'S COFFEE

now in its FIFTH year with

JOE ADAMS

the West's most unique disc jockey



This product is one of many national and regional accounts Joe Adams sells to Los Angeles' 350,000 Negro Market

your BEST BUY



George W. Clark-Chicago, N. Y. Daren F. McGavren-San Francisco Dora Clayton—Atlanta

Sales: 4128 Wilshire Blvd., Los Angeles 17, Calif.

TExas 0-5152

## IN DETROIT

You Sell More on CHANNEL



WWJ-TV NBC Television Network DETROIT Associate AM-FM Station WWJ Owned and Operated by THE DETROIT NEWS

National Representative THE GEORGE P. HOLLINGBERY CO.



## Programs

live wire local plus NBC affiliation = proven audience.

. . . . . .

## Saturation

run of station • day and night • 20 spots a week • 1-13-26 week package • \$45-\$48-\$60 per week.

— three steps cover — New Haven's ultra-rich market on



cago, appointed director of television, WOKY-TV Milwaukee.

Mary Jane MacDougall, formerly assistant director of publicity, WNBC-WNBT (TV) New York to press information staff, WOR-TV New York.

Tom Cousins, promotion director, W. J. Howey Enterprises, Orlando, Fla., to WCCO-TV Minneapolis-St. Paul, as assistant promotion director. Bill Cate to news bureau, Lionel Wittenburg and Henry Shepphard to engineering staff, same station. Bob Ball, WCCO-TV news staff, to WDSM-TV Duluth, as news director.

Gary Vorhees, WTAR-TV Norfolk, Va., to WTRF-TV Wheeling, W. Va., as a production director.

Richard Evans, formerly news director, KGRH Fayetteville, Ark., to KLRA Little Rock, in same capacity. Murray Schroyer to news staff and Jim Newton to announcing staff, KLRA. Norris Schwarz promoted to local sales staff, same station.

Ron Harman, studio director, CBLT (TV) Toronto, promoted to chief coordinating producer.

**D. Mylo Beam**, formerly with KLAS Las Vegas, Nev., appointed radio sales manager, WMIN St. Paul, Minn.

Terry R. Bane named sales manager, WCOG Greensboro, N. C.

Don Ramsell, salesman, KPIG Cedar Rapids, to KRNT Des Moines in similar capacity.

**Ray Eldridge,** KMPT (TV) Oklahoma City, to KTVQ (TV) same city, as engineer. Wayne Wilkes named a director and Ray Klinge named stage manager, same station.

Jane Dennis appointed supervisor of newlycreated Home Dept., WHAS Louisville, Ky.

Robert Richer promoted to assistant to program director, WABC New York.

Alice Necker, secretary to William C. Lacey, manager of WCBS-TV New York's film dept., promoted to his administrative assistant.

Ted McKinstry, formerly program director, KFDW Helena, Mont., to KXOC Chico, Calif., as staff announcer.

Dick Kimball, tv director, KSTM-TV St. Louis, to KWK that city, as announcer.

Chuck Thompson to WALA Mobile as disc jockey on morning program.

Fay Garmon to WPTF Raleigh, N. C., continuity dept.; Marlene Muller to same station as promotion secretary.

**Pat Edwards**, Lubbock (Tex.) Avalanche-Journal, to publicity and promotion staff, WBAP-AM-FM-TV Fort Worth.

Mary Lois Snively, KSTT Davenport, Iowa, to WHBF Rock Island, Ill., as music librarian.

Rene Martin, chief operator, CKGB Timmins, Ont., to CHUM Toronto, as operator. Al Cupples, formerly of CFCH North Bay, Ont., to announcing staff same station.

**Brad Lacey**, after a brief leave from radio, joins WKDA Nashville, Tenn., announcing staff.

Mary Ziegler, WIP Philadelphia, to WFLN same city.

Rolland V. Tooke, general manager, WPTZ (TV) Philadelphia, elected to board, Greater

## Long-Distance Dialing

WILLIAM S. HEDGES, NBC vice president for integrated services, participated on Feb. 17 in one of the earliest tests of AT&T's nationwide telephone dialing system. Mr. Hedges, who also is a vice president of the New York Rotary Club, received a telephone call placed by Col. H. E. Sanderson, president of the Stockton, Calif., Rotary. In his conversation, Mr. Hedges said that he was "very happy" to receive a call opening up the new system, pointing out that he was a representative of "the largest private customer of the telephone company. He explained that only the U. S. government has "a bigger telephone bill."

Philadelphia Chamber of Commerce.

Stanley L. Spero, local sales manager, KMPC Hollywood, elected to board, L. A. Junior Chamber of Commerce.

John M. Outler Jr. general manager, WSB-AM-TV Atlanta, and Elmo Ellis, program director, WSB, have accepted invitations to speak at BMI clinics this spring.

David K. Harris, production vice president, WNHC-TV New Haven, father of boy, Feb. 19.

Joseph Stamler, account executive, WABC-TV New York, father of boy, Keith Douglas, Feb. 16.

Cpl. George W. Johnstone Jr., son of NAM's radio-tv director, G. W. (Johnny) Johnstone, father of girl, Janet Marie, Feb. 22.

**Bob Provence**, announcer-sportscaster, WLW and WLWT (TV) Cincinnati, father of boy, Steven, Feb. 13.

Jay Barton, announcer, WFPG Atlantic City, N. J., father of boy, Frederic.

#### Networks

Henry J. Opperman, manager of account managers group, DuMont Tv Network, appointed a supervising producer for the network.

J. English Smith, associate producer, Music Corp. of America, to ABC New York, as business manager of tv services department.

Elizabeth Haglund, NBC personnel dept., named public relations coordinator for NBC-TV's new *Home* show, which starts March 1 (Mon.-Fri., 11 a.m.-noon).

J. L. Van Volkenburg, president of CBS-TV, will be keynote speaker at first religious program clinic, to be held by Broadcasting and Film Commission of National Council of the Churches of Christ in the U.S.A., in New York April 8.

Hubbell Robinson, CBS vice president in charge of programming, to be principal speaker at first regional tv award dinner to be given by Philadelphia's tv industry March 2.

Lawrence Lowman, vice president CBS Inc., appointed chairman of radio and tv division, 1954 April Cancer Crusade of New York City Cancer Committee. Mel Allen, sports commentator, named chairman of sports division.

Edgar Bergen, CBS Radio comedian, honored with birthday party by Swedish Club of Los Angeles Feb. 16, at which he received award for "enhancing prestige of Americans of Swedish descent."

Morgan Beatty, commentator on NBC Radio's

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News of the World, was special guest at NBC Chicago radio-press luncheon in his honor Feb. 12.

#### Film

Jack Lemmon, Heinn Co., Milwaukee, New York state district manager, to Transfilm Inc., N. Y., tv and industrial film producer, as account executive.

Newton E. Meltzer, formerly with CBS-TV in various production and directorial capacities, named a producer-director-writer, Van Praag Productions, N. Y., tv film and motion picture production company.

William Steer, formerly of Thomson Newspapers, Toronto, named sales representative for Ziv films distributed in Canada by tv div. of All-Canada Radio Facilities Ltd., same city.

Arnold Marquis, Hollywood program packagerproducer, to TeeVee Co., Beverly Hills, as executive producer on new dramatic series which goes before the cameras shortly.

**Don Zabel**, announcer, WISC Madison, Wis., to publicity and promotion dept., Kling Studios' motion picture-television operations, Chicago.

H. Grant Atkinson appointed director of slide film div., Kling Studios Inc., Chicago.

Les Wysong, head of New York office, Alexander Film Co., Colorado Springs, Colo., to home studies as scenario and creative consultant.

S. Alexander MacKay named Ontario manager, Associated Screen News Ltd., with offices at Toronto, succeeding J. J. Chisholm who moves to head office in Montreal.

#### Manufacturers

Paul F. Swantee, comptroller of IT&T, elected member of board, that corporation.

Anthony Dillon, eastern sales manager, CBS-Columbia, named midwestern sales manager. J. H. Davidson, formerly Eastern sales manager, Coolerator div. of IT&T, succeeds Mr. Dillon.

**B. F. Valliere** named vice president and general manager, F. W. Sickles div., General Instrument Corp., Elizabeth, N. J.

Charles H. Coombe, national retail merchandising head, Motorola Inc., named manager of Florida, operations, television receiver div.,





WHEN KDKA Pittsburgh Manager L. R. Rawlins (r) awarded a clock radio to David W. Rial (l), retired school principal, for winning a contest on radio popularity, the station's promotion manager, Dave Lewis (not shown), recognized Mr. Rial as his high school teacher of more than 20 years ago.

Allen B. DuMont Labs Inc., Clifton, N. J.

William B. Sbantz, formerly of Pabco Products Inc., S. F., named to executive staff of sales div., Ampex Corp., Redwood City, Calif.

John A. Oliver, research analystic dept., Hughes Aircraft Co., Culver City, Calif., to Cinema Engineering Co., Burbank (electronics equipment), as staff engineer.

#### **Trade Associations**

Robert C. Coleson, Pacific Coast representative, The Advertising Council Inc., and Wes Cameron, production dept., Ralph Edwards Enterprises, program packagers, named first and second vice-presidents, respectively, of Hollywood Ad Club. Added to HAC board of directors were Frank Crane, managing director, Southern California Broadcasters Assn., and Jon Barkhurst, ABC Radio western div. publicity-promotion manager.

Robert B. Freeman, art director, Charles R. Stuart Adv., S. F., elected president, Art Directors Club of San Francisco; Also elected: Ettore Firenze, vice president and art director, Brisacher, Wheeler & Staff Inc., 1st vice president; Guy Street, Schmidt Lithograph Co., 2nd vice president; Frederick J. Herschleb, Mc-Cann-Erickson Inc., secretary, and Walter T. Warde, Foster & Kleiser Co., treasurer.

Morris Mindel, commercial manager, KGST Fresno, elected president of newly organized California Daytime Broadcasters Assn. Vice president is Kenneth Aitken, general manager, KTKR Taft and secretary-treasurer, James Hodges, commercial manager, KWSO Wasco. Directors include George Nixon, manager, KBIF Fresno, George Baron, manager, KOWL Santa Monica, and Hugh Turner, manager, KTIM San Rafael.

#### **Representatives**

Mike Shapiro, assistant and commercial manager, KDUB-TV Lubbock, Texas, to tv sales dept., Avery-Knodel Inc., Chicago.

Lawrence Krasner, vice president, Forjoe & Co. Inc., L. A., father of son, Robert, Feb. 21.



## **PROGRAMS & PROMOTIONS**

### **RECORDING 'FIRST'**

WVEC (TV) Hampton, Va., claims to be the first station to air orchestra leader Ralph Marterie's latest record, "Big Noise from Winnetka," which was released three days after his appearance as "guest chef" on that station's *The Cook's Corner*. Marterie appeared with Margaret Walsh and showed how to prepare his own special recipe for spaghetti sauce. After the show he was interviewed on WVEC Radio where he presented disc m.c. Ken Johnson and Program Director Bob Drill an autographed copy of the record.

#### AUSSIE NEWSPAPER PROMOTION

TO PUBLICIZE its new evening program lineup, 2GB Sydney, key station of the Macquarie Broadcasting Service, Australia, purchased a full page advertisement in *The Sydney*. Morning Herald. In addition, an eight page supplement titled *The 2GB Success Story* was carried in the Australian trade paper, Broadcasting and Television. It featured an article by Clive Ogilvy, 2GB managing director, highlighting the "Down Under" station's rise to success.

## WIP Offers Remedy

WIP Philadelphia distributed a speciallydesigned note pad to delegates at the canners and grocers convention in Atlantic City. In addition to the pages for notes, two packets of Alka-Seltzer tablets were clipped to the pack cover, captioned "for day after results." Below was a reminder that "for everyday results" advertisers should sponsor WIP's *Kitchen Kapers* and use the station's chain merchandising plan.

### DISC JOCKEY 'ALARM'

THE EARLY morning d.j. (6:30-9:30) of WNOR Norfolk, Va., informally suggested that if early risers had any difficulty getting up, he'd be glad to give them a wake-up telephone call, and according to that station, orders have been coming in at the rate of 100 per day. Mike Woloson, WNOR's early-bird d.j., wakes up listeners and tells them the time and the temperature during his show. The station reports that everyone has expressed satisfaction with the service being rendered.

#### KORK TURKISH PROGRAMS

KORK Las Vegas reports the broadcast of an exclusive testimonial introduction by Sen. Pat McCarran (D-Nev.) on behalf of visiting Turkish President Celal Beyar and his wife at a banquet staged by the Las Vegas Chamber of Commerce. The President's remarks were translated for listeners by an official interpreter, and according to the station, KORK also acted as a relay agent for the Voice of America by originating five special programs for the citizens of Turkey, prepared by a VOA Turkish representative.

### TOOL KIT PROMOTION

PUBLICITY people of Crosley's WLW television stations mailed leading radio-tv editors in Ohio, Ind., and Ky., tool kits to remind them that "NBC is building a 'home,' to be completed on March 1." The reference was to the new home program slated for NBC debut on that date. In addition, Crosley stations in Cincinnati, Dayton and Columbus hit the area papers with specially prepared stories and women club leaders, colleges and universities received letters notifying them of the coming NBC program.

### 'COCK-EYED' MAILING PIECE

TELEVISION Programs of America is sending a promotion piece in an envelope which bears an enlarged photograph of an exaggeratedly cross-eyed youngster under the heading: "Are you just a cock-eyed optimist?" Enclosed is the following theme: "Are you just a cockeyed optimist? ... Of course not!" The presentation goes on to explain that TPA is "optimistic" because it has "proof" ... big box office pay off, universal audience appeal, quality and showmanship. The package TPA is .pro-



THE CHANGE of ABC-TV's Hollywood station call letters to KABC-TV (from KECA-TV) is emphasized by Maxine Marlow, the "KABC Girl," as station manager Frank King smiles approval and fights for attention.

moting includes such movie features as "Twin Beds" with Joan Bennett and George Brent, "International Lady," with Basil Rathbone, "Man in the Iron Mask" with Louis Hayward, "My Son, My Son" with Madeline Carroll, and many other movie features.

#### 'SOUNDBREAK' PROMOTION

RADIO station-break plan to promote NBC Chicago personalities and shows has been<sup>\*</sup> instituted by WMAQ Chicago throughout its 24hour broadcast schedule.

Titled Soundbreaks, the inserts feature 30 sound effect devices as attention-getters and voices of stars plugging their own programs and others on the WMAQ schedule, according to John Keys, advertising and promotion manager for WMAQ-WNBQ-TV.

### 'FLIP-FLOP' VOTES

A NEW disc jockey show on WJJD Chicagc gives listeners an opportunity to vote on the potentialities of new songs. Titled Stan, the Record Man, program features a "Flip-Flop," where the listener is invited to call the statior while the show is on the air and vote a new record a day a "Flip" or a "Flop." The sta tion reports great listener interest in the shov and it is distributing in stores and record shop: in a five-state area, streamers that say: "Picl the Hits Each Day with Stan, the Record Man WJJD, by calling State 2-5466."

### WSGN BUS PROMOTION

WSGN Birmingham, Ala., carries a running promotion on a Birmingham Transit Co. trolle

#### Only combination of stations can cover Georgia's major markets. 100 ATLANTA MACON **SAVANNAH** 5000 w 10.000 w 5000 w 590 kc 940 kc 1290 kc **CBS** Radio **CBS** Radio **CBS** Radio MACON SAVANNAH The Georgia Trio represented individually and as a group by The KATZ AGENCY, INC. NEW YORK CHICAGO DETROIT ATLANTA DALLAS KANSAS CITY LOS ANGELES SAN FRANCISCO

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bus. The bus, which alternates daily on one of the 10 lines throughout the city, is painted a bright yellow with black letters calling attention to "WSGN, 610 on your dial." Blue background medallions on both sides near the rear boost different shows. On Thursday evenings between 6:30-8, passengers ride into town free as guests of WSGN. Station plugs the "free-route" each Thursday and invites listeners to ride into town as its guests.

#### WAKR-TV BROCHURE

WAKR-TV Akron is distributing a blue and white promotional brochure extending a "Welcome to WAKR-TV." Through six pages of pictures and diagrams the reader is taken on a tour of station's Television Center. Pictured are the reception room, studios, control and projection rooms, executive offices, sponsors rooms and administrative offices, all newly furnished and decorated. The brochure points up the station's advantages: "zoned heating, air conditioning, latest available and finest quality technical equipment plus an experienced staff to bring Akron top-caliber local and national programs on 'Akron's Own Station'."

#### **TV EXPOSITION HIGHLIGHTS**

COLOR tv was brought to several thousand people attending the first annual New England Tv Exposition held in Worcester, Mass. WBZ-TV Boston broadcast an NBC-TV Howdy Doody colorcast to special receivers in the Worcester auditorium. The live tv shows were telecast from the stage of the auditorium by WWOR-TV Worcester, home town sponsor. Many tv personalities, including Captain Video, were on hand for the exposition and WWOR-TV reports an immediate increase in sales of tv sets and uhf converters in the Worcester area.

#### WSLS MAP PROMOTION

WSLS-AM-TV Roanoke has published for distribution to advertisers and radio and tv stars, maps of stations' coverage area. NBC star Dave Garroway was presented with the mounted first print of the map by Horace Fitzpatrick, stations' assistant manager. Done in brown tones on Strathmore parchment paper, the map is not of a commercial nature, designed rather for educational, historical and scenic value so that the recipients can better understand the background and cultural influence of the area. The station believes that this is the first map of its kind covering that section of Virginia.

## KNPT 'MARKETSCOPE'

KNPT Newport, Ore., is sending to agencies its 14-page "Audience Marketscope," a brochure

## Front Page Coverage

A SPECIAL edition of the Boston Daily Globe, with front page banner and stories on the visit of Free & Peters personnel to WBZ-TV Boston, was made up for distribution to the visiting "Colonels." Copies, dated Feb. 15, covered the Jan. 25 activities, the second phase of F&P visits to WBZ-TV and WPTZ (TV) Philadelphia. Trips were designed to further acquaint F&P-with the two Westinghouse stations whose national spot sales representation F&P assumed Feb. 1 [B•T, Feb. 1]. compiled and produced by Market Data Associates, Ames, Iowa. The brochure covers station popularity, early morning listening, noontime listening and program preferences. The booklet states that 2,164 homes were contacted in six cities and towns on the basis of calling every third residential number in the exchange directories, and 1,478 preferred KNPT's programming. The last page of the brochure has a map showing the station's coverage area and a chart of audience, sales and farm data.

### WOAI-TV 'TALENT ROUNDUP'

AN AUDIENCE participation show for youngsters, titled Sagebrush Talent Roundup, is being sponsored for a 52-week period by the Coca-Cola Bottling Co., San Antonio, over WOAI-TV that city. The company's concentration on the children's market, according to WOAI-TV, is partly the result of a 1953 three-month survey of tv usage by soft drink manufacturers, conducted by that station, which indicated that manufacturers consider children the primary target for their products. The half-hour Saturday show features "OI Sage" Art Dickson, formerly the radio Tom Mix of the Ralston Straight Shooters. The program showcases talent up to and including high school stu-

## FREE RAILROAD BOOKLETS

THREE free booklets titled "Quiz," "Highlights" and "Railroad Oddities," containing information about railroads are available on request to Association of American Railroads, 924 Transportation Building, Washington 6, D. C. "Quiz" presents in question-and-answer form information about American railroads' history, physical characteristics, traffic, operations and services; "Highlights" presents significant events and "firsts" identified as to time and place, and "Rail Oddities" is a collection in cartoon style of odd and interesting facts about railroads.

dents, has community sings and a quiz session where prizes are awarded for correct answers.

#### REAL ESTATE PROGRAM

PROSPECTIVE house-hunters have assistance from television in a new program inaugurated on WVEC-TV Hampton, Va. Called The Tv Real Estate Guide, the program shows viewers listings of member firms of Norfolk, Portsmouth, Virginia Beach and the Peninsula Board of Realtors. A series of pictures of listings for the week with descriptions is followed by identification of the firm carrying the listings. Interviews will be conducted from time to time to discuss real estate topics, including what to look for when buying a home.

## EDUCATION COUNCIL SHOW

THE FIRST television production of the Des Moines Educational Television Council was carried over a closed circuit for an audience of invited guests in the KRNT (TV) studio at KRNT Theatre, in that city. The 30-minute production was an adaptation from a magazine story dealing with the self-consciousness of the early teen-ager and was viewed by 50 people.

## EVEN IN NAPLES THEY WATCH

W·H·E·N



In Napoli is-a WHEN!



Paisan or signore, folks in Naples, N.Y., take to WHEN with enthusiasm. Like 250 similar communities in upstate New York, they have their pizza and vino in the living room, rather than lose one magical moment of Channel 8 . . . and when people feel like that, at's amore! They look to WHEN as their buying guide, too, and from antipasto to spumoni, WHEN shows 'em and tells 'em. Want customers for your product? Come on-a our house!

SEE YOUR NEAREST KATZ AGENCY



- FOR THE RECORD

## Station Authorizations, Applications (As Compiled by $B \bullet T$ )

Feb. 18 through Feb. 24

Includes data on new stations, changes in existing stations, ownership changes, hearing cases, rules & standards changes and routine roundup.

Abbreviations

CP--construction permit. DA--directional an-tenna: ERP--effective radiated power. STL--studio-transmitter link. synch. amp.--synchro-nous. amplifier. vhf--very high frequency. uhf--ultra high frequency. ant.--antenna. aur.--aural. vis. -- visual. kw -- kilowatts. w -- watts. mc--

megacycles. D—day. N—night. LS—local sun-set. mod. — modification. trans. — transmitter. unl. — unlimited hours. kc — kllocycles. SSA — special service authorization. STA—special tem-porary authorization. (FCC file and hearing docket numbers given in parentheses.)

337

337

<sup>1</sup> Forty-eight CPs (9 vhf, 39 uhf) have been re-

subscriber to Alabama Telecasting; Frances U. Brennan (5%) and Vice President Cyril G. Bren-nan (5%). Granted Feb. 24.

Bioliniai (5%). Granted Feb. 24.
El Dorado, Ark.—Southern Arkansas Television Co., granted vhf ch. 10 (192-198 mc); ERP 2.82 kw visual, 1.41 kw aural; antenna height above aver-age terrain 250 ft., above ground 237 ft. Esti-mated construction cost \$\$5,000, first year operat-ing cost \$93,000, revenue \$100,000. Post office address % W. M. Bigley, KVMA Magnolia, Ark. Studio location to be determined. Transmitter location on U. S. Rte. 167, 2.4 mi. SSE of center of El Dorado. Geographic coordinates 33° 11' 01" N. Lat., 92° 37' 50" W. Long. Transmitter Gates, antenna RCA. Consulting engineer Robert M. Silliman, Washington. Principals include Presi-dent Dr. Joe F. Rushton (33.3%), 30% owner Mag-nolia Bcstg. Co. (KVMA Magnolia, Ark.); Vice President W. C. Blewster Jr. (33.3%), 3.9% owner KVMA, and Secretary-Treasurer Wm. M. Bigley (33.3%), 12½% owner KVMA. Granted Feb. 24.
Washington, D. C.—United Bcstg. Co. (WOOK,

Washington, D. C.—United Bcstg. Co. (WOOK, WFAN (FM)), granted uhf ch. 50 (685-692 mc); ERP 22.9 kw visual, 13.5 kw aural; antenna height above average terrain 340 ft., above ground 340.8 ft. Estimated construction cost \$130,840, first year operating cost \$175,000, revenue \$175.000.

New Amend. vhf

909 52

961

turned.
One applicant did not specify channel.
Includes 29 already granted.
Includes 543 already granted. \* \*

Commercial Educational

Total

703 26

729

Total

1,228<sup>2</sup> 52<sup>3</sup>

1,2814

uhf

524 26

550

| FCC Commercial Stat<br>As of Jon. 3   |  |                                     | ns                                      | Television Station (   | Grants and<br>oril 14, 19 |                          | cations                  |
|---|--|-------------------------------------|---|--|---------------------------|--------------------------|--------------------------|
| Licensed (all on air)<br>CPs on air<br>CPs not on air<br>Total on air<br>Total authorized   | AM<br>2,508<br>16<br>120<br>2,524<br>2,644 | FM<br>527<br>28<br>19<br>555<br>574 | TV<br>101<br>†268<br>197<br>†369<br>566 | Grants since<br>Commercial<br>Educational                    | -                         |                          | Total<br>520<br>291      |
| Applications in hearing<br>New station requests<br>Facilities change request<br>Total applications pending<br>Licenses deleted in Jan.<br>CPs deleted in Jan. | 133<br>165<br>144<br>749<br>1<br>2         | 3<br>4.<br>26<br>134<br>7<br>0      | 180<br>134<br>26<br>302<br>0<br>13      | Total Operating<br>Commercial on air<br>Noncommercial on air | vhf<br>239                | in U.<br>uhf<br>124<br>2 | 5.:<br>Total<br>363<br>3 |
| *Does not include none  | ommercial                                  | educat                              | tional                                  | Applications filed   | since Apri                | 1 14,                    | 1952:                    |

fm and tv stations.

**†Authorized** to operate commercially.

|          | Am | and                  | Fm | Summar       | y throug  | 3h Feb.                | 24                 |
|----------|----|----------------------|----|--------------|-----------|------------------------|--------------------|
|          |    | On<br>Air            | I  | licensed     | CPs       | Appis.<br>Pend-<br>ing | In<br>Hear-<br>ing |
| Am<br>Fm |    | <b>2,53</b> 1<br>564 |    | 2,517<br>528 | 143<br>47 | 167<br>4               | 133                |

## ACTIONS OF FCC

## New Tv Stations . . .

#### GRANTS

Selma, Ala.—Deep Sonth Bestg. Co. (WBAM Montgomery), granted vhf ch. 8 (180-186 mc); ERP 2.51 kw visual, 1.26 kw aural; antenna height above average terrain 360 ft., above ground 387 ft. Estimated construction cost \$136,541. first year operating cost \$100,000, revenue \$140,000. Post office address Box 1447, Montgomery, Ala. Studio and transmitter location 3 miles W of Selma. Geo-graphic coordinates 32° 24' 00" N. Lat., 87° 05' 10" W. Long. Transmitter Standard Electronics, an-tenna GE. Legal counsel Charles S. Rhyne, Washington. Consulting engineer William E. Benns Jr., Washington. Principals include Mrs. J. F. Richardson (10%); Treasurer William E. Benns Jr. (35%), engineer secretary-treasurer-10% stockholder WVOK Birmingham and stock-holder Alabama Telecasting Co., applicant for ch. 12 in Montgomery; President William J. Brennan (40%), chief engineer WVOK and 11.7%

|           | e Priceless Ingredients<br>Successful Advertising   |
|-----------|---|
| Loyalty:  | 180,190 listeners ask for copies of the WCKY<br>Almanac to get pictures and stories of their<br>WCKY favorites.                   |
| Faith:    | Advertiser's sales records reflect the faith lis-<br>teners have in WCKY's integrity, as much as in<br>the advertiser's products. |
| Coverage: | 13 southern states larger than any other  |
| Low Cost. | 6.1¢ per thousand—34% lower than<br>any other station in the South that's<br>WCKY's cost.   |

Post office address 8th & Eye Sts., N.W., Wash-ington. Transmitter location First Place and Riggs Rd., N.E. Geographic coordinates 38° 57' 17" N. Lat., 77° 00' 17" W. Long. Transmitter DuMont, antenna Workshop Assoc. Legal coun-sel, Cohn & Marks, Washington. Consulting engineer A. A. Snowberger, Washington. Princi-pals include President Richard Eaton (2%), pres-ident and 98% owner World News Service, Wash-ington news gathering agency: Secretary-Treas-urer Margaret G. Eaton (1%), Assistant Secre-tary-Treasurer Lavalle G. Hart, owner Alexandria Tribune, Fairfax Journal, both in Va., and secre-tary and 2% stockholder World News Service. United Bestg. Co., (97%) is beneficial owner of stock held by Mr. and Mrs. Eaton. All of the stock is voted by Richard Eaton. Unit'd Bestg. is owner of WSID-WTLF (TV) Baltimore, Md.; WANT Richmond, Va.; WARK Hagerstown, Md.; WINX Rockville, Md.; WJMO Cleveland, Ohio. Granted Feb. 24.

Wix Rocking, Mar., With Crevenand, Onio. Granted Feb. 24.
West Palm Beach, Fla.—WEAT-TV Inc., granted vhf ch. 12 (204-210 mc); ERP 50.12 kw visual, 26.98 kw aural; antenna height above average terrain 303 ft., above ground 335 ft. Estimated construction cost \$305,237, first year operating cost \$205,-000, revenue \$204,750. Post office address P. O. Box 619, West Palm Beach. Studio and transmitter location 0.9 mi. W & S of West Palm Beach city limits, near intersection Congress & Lark Rds. Geographic coordinates 26° 38' 26.5" N. Lat, 80° 05' 13.5" W. Long. Transmitter and antenna GE. Legal counsel Bingham. Collins, Porter & Kistler, Washington. Consulting engineer Page. Creutz. Garrison & Waldschmitt, Washington. Principals include President James Robert Meachem (35%), owner WEAT Lake Worth, Fla:, Vice President James W. McGaughey (28%), real estate investment and retail furniture; Vice President E. H. Cochrane (3.5%), auto dealer, and Secretary-Treasurer Kenneth J. Horton (1.4%), attorney and real estate. Grant was made possible by dismissal of competitive bid of WWPG Palm Beach. which receives \$6,000 for expenses incurred. Granted Feb. 19.
Rapid City, S. D.—The Hills Br^adcasting Co.

incurred. Granted Feb. 19. Rapid City, S. D.—The Hills Breadcasting Co., granted vhf ch. 7 (174-180 mc); ERP 11.2 kw vis-ual, 5.62 kw aural; antenna height above average terrain 480 ft., above ground 287 ft. Estimated construction cost \$132,938, first year operating cost \$170,000, revenue \$175,000. Post office address % N. L. Bentson, 538 Hamm Bidg., St. Paul, Minn. Studio location to be determined. Transmitter location U. S. Hwy. 16, Rapid City, S. D. Geographic coordinates 40° 02' 33" N. Lat., 103° (4' 14' W. Long. Transmitter and antenna RCA. Legal counsel Dow Lohnes & Albertson, Wash-ington. Consulting engineer A. D. Ring & Co. Assoc., Washington. Principals include President N. L. Bentsen. 87% owner of WMIN St. Paul, Minn. The Hills Bestg. Co. is owned in equal shares by WMIN Bestg. Co. Edmond R. Ruben, ½ owner of KELO Sioux Falls. S. D., and Joseph L. Floyd. also ½ owner of KELO Sioux Falls. Mr. Bentson owns the remaining ½ of KELO Sioux Falls. Granted Feb. 24. Houston, Tex.—Houston Ty Co., granted yhf

M. Beinsin Gwanted Feb. 24.
 Houston, Tex.—Houston Tv Co., granted vhf ch. 13 (210-216 mc); ERP 316 kw visual and 229 kw aural; antenna height above average terrain 1,043 ft., and above ground 1,079 ft. Estimated construction cost \$1.243,928.14, first year operating cost \$850,000, revenue \$950,000. Fost office ad-dress 3005 Louisiana, Houston. Studio location to be determined. Transmitter location at inter-section of Alpine Rd. & Airline Drive 12.5 miles N of the center of Houston. Geographic coordi-nates 29° 55' 59" N. Lat., 95° 24' 14" W. Long, Transmitter and antenna GE. Legal counsel Welch, Mott & Morgan. Washington. Consulting engineer Jansky & Bailey, Washington. Princi-pals include President Lloyd J. Gregory; Vice President Edwin H. Dyer; Secretary-Treasurer Gail Whitcomb. Mr. Gregory in 1946-51 was vice prevident end general manager of Houston. Post (KPRC-TV) and holds a 50% interest in Gregory-Giezendanner Adv. Grant was made possible by withdrawal of competitive bids of KTRH. Hous-ton Area Tv Co. and Tv Bestg. Co. of Houston. Stock ownership in new company to be formed. Houston Consolidated Tv Co., will be: KTRH (32%); Houston Area Tv Co. (32%); Houvton Tv Co. (20%), and HOUSTON Maycr Roy Hofheinz (16%). Granted Feb. 24.

#### **APPLICATIONS**

Boston, Mass.-Mass. Bay Telecasters Inc., vhf ch. 5 (76-82 mc); ERP 100 kw visual, 50 kw aural; BISION, MASS. MAY TELECASTERS INC., VIT Ch. 5 (76-82 mc); ERP 100 kw visual, 50 kw aural; antenna height above average terrain 1,000 ft., above ground 685 ft. Estimated construction cost \$1,000.000, first year operating cost \$1,800,000, revenue \$2,400,000. Post office address 10 Post Office Square, Room 820, Boston. Studio location Western Ave. & Smith St. Transmitter location Nobscot Hill, Framingham. Geographic coordi-nates 42° 20′ 44″ N. Lat., 71° 27′ 3″ W. Long. Transmitter and antenna RCA. Legal counsel McKenna & Wilkinson, Washington. Consulting engineer Frank H. McIntosh, Washington. Prin-cipals include President Alan Steinert (2.38%), president-treasurer Eastern Co., Cambridge, wholesale distributor for RCA, Whirlpool and International Harvester; Vice President Forrester A. Clark (2.98%), investment banker; Treasurer Louis J. Hunter (2.98%), attorney; The Eastern Co. (16.67%); WWLP (TV) Springfield, Mass.

BROADCASTING • TELECASTING

(4.76%); James F. Fitzgerald (2.98%) general director, director of N.E. Airlines, and 7.52% stockholder WWLP (TV), and Roger L. Putnam (1.19%), 15.04% stockholder WWLP (TV). Filed Feb. 17.

Feb. 17.
Parma, Mich. — WIEM Inc. (WIEM-AM-FM Jackson), vhf ch. 10 (192-198 mc); ERP 302 kw visual, 158 kw aural; antenna height above aver-age terrain 1,017 ft., above ground 1.075 ft. Esti-mated construction cost \$974.895, first year operat-ing cost \$825,000, revenue \$750,000. Post office address 2511 Kibby Rd., Jackson. Studio and transmitter location 2470 W. Michigan Ave., R.F.D. 2, Parma. Geographic coordinates 42° 16' 42" N. Lat. 84° 37' 41" W. Long. Transmitter and antenna RCA. Legal counsel Arnold, Fortas and Porter, Washington. Consulting engineer George C. Davis, Washington. Principals include Pres-ident-Treasurer Roy Radner (40%), and Vice Pres-ident Herman Radner (60%), applicant for new am station in Detroit. WIBM Inc. is former per-mittee of uhf ch. 48 WIBM-TV Jackson. Filed Feb. 23.

Feb. 23. Parma, Mich.—Triad Tv Corp., vhf ch. 10 (192-198 mc); ERP 103.4 kw visual, 62.1 kw aural; an-tenna height above average terrain 554 ft., above ground 573 ft. Estimated construction cost \$328,783, first year operating cost \$343,080, revenue \$387,000. Post office address 842 N Parma Rd.. Parma. Studio and transmitter location Scott Rd., between Old & New US Hwy. #12. Geo-graphic coordinates 42° 15 56" N. Lat., 84° 36' 46" W. Long. Transmitter and antenna RCA. Legal counsel Fisher, Wayland, Duvall & Southmayd, Washington. Consulting engineer Commercial Radio Equipment Co., Washington. Principals include President C. Wayne Wright (32.75%), em-ploye of WBCK-AM-TV Battle Creek, Mich.: Vice President Clem Davis (2½%), Ford dealer: Treasurer Leland S. Bisbee Jr. (2½%), bankingi Secretary Adeline M. Ameden (2½%), and Jae D. Kitchen (9½%), drive-in theatres. There are 23 additional minority stockholders. Filed Feb. 23. Jefferson City. Mo.—Jefferson Ty Co., whf ch.

23 additional minority stockholders. Filed Feb. 23.
Jefferson City, Mo.—Jefferson Tv Co., vhf ch. 13 (210-216 mc): ERP 86.3 kw visual, 51.8 kw aural; antenna height above average terrain 666 ft., above ground 573 ft. Estimated construction cost \$435.922, first year operating cost \$389,454, revenue \$388,180. Post office address % Mrs. B. G. Handy, 210 Monroe St., Jefferson City. Studio location 218 Capitol Ave. Transmitter location U. S. 54, 2 miles S of New Bloomfield. Geo-graphic coordinates 38° 41' 28" N. Lat., 92° 05' 43" W. Long. Transmitter and antenna RCA. Legal counsel Fisher. Wayland, Duvall & Southmayd, Washington. Consulting engineer Commercial Radio Equipment Co., Washington. Principals include President Betty G. Handy (60.5%), vice president-stockholder KWOS Jefferson City, and vice president-stockholder New Tribune Co., pub-lisher of Daily Capitol News and Post Tribune; Vice Tresident Lenore R. Goshorn (18.1%), pres-ident-stockholder KWOS, and president News Tribune Co.: Secretary-Treasurer Russell L. Rose (6.0%), vice president-stockholder KWOS and vice president-general manager News Trib-une Co., and Leroy S. Hackman (10.1%), chief engineer KWOS. Feb. 17.
Beckley, W. Va.—Robert R. Thomas Jr. (WOAY-

Beckley, W. Va.—Robert R. Thomas Jr. (WOAY-AM-FM Oak Hill, W. Va.). vhf ch. 4 (66-72 mc): ERP 24.92 kw visual, 14.92 kw aural; antenna height above average terrain 550 ft., above ground 487.75 ft. Estimated construction cost \$160,703. first year operating cost \$100,000, revenue \$150,-600. Post office address P. O. Box 251, Oak Hill. W. Va. Studio and transmitter location 0.7 miles S of Oak Hill city limits on U. S. Hwys. 19 & 20. Geographic coordinates 37° 57' 31" N. Lat., 81° 09' 01" W. Long. Transmitter and an-tenna RCA. Legal counsel Maurice R. Barnes, Washington. Consulting engineer Robert M. Silliman (John A. Moffet), Washington. Mr. Thomas is sole owner WOAY-AM-FM Oak Hill, W. Va. Filed Feb. 19.

#### APPLICATIONS AMENDED

Dothan, Ala.—Ala-Fla-Ga Tv Inc. amends bid for new tv station on vhf ch. 9 to specify studio location as Cottonwood Rd., Dothan. Filed Feb. 18.

Orlando, Fla.—WHOO Inc. (WHOO) amends bid for new tv station on vhf ch. 9 to specify President Edward Lamb (52%); Prudence H. Lamb (48%) (6.4% individually, 21.6% as trustee for Edward Lamb and 20% as trustee for Pris-cilla Lamb); and Assistant Secretary-Treasurer Cecile Huebner. Filed Feb. 18.

Buffalo, N. Y.-Great Lakes Tv Inc. amends bid for new tv station on vhf ch. 7 to change ERP to 74 kw visual, 38.7 kw aural; transmitter location to Bleistein Rd., 2.9 miles N, 68° E of Colden. N. Y.; antenna height above average terrain 1,555 ft. Filed Feb. 18.

Odessa, Tex.—Clarence E. Wilson & Phillip D. Jackson d/b as The Odessa Tv Co. amends bid for new tv staion on vhf ch. 7 to change ERP to 26.1 kw visual, 14.12 kw aural; antenna height above average terrain to 380 ft. Filed Feb. 16.

Odessa, Tex.—Cecil Mills & Cecil L. Trigg d/b as Odessa Tv Co, amends bid for new tv station on vhf ch. 7 to change name to C. L. Trigg, President, Odessa Tv Co. (a joint venture);

change ERP to 20.2 kw visual, 10.12 kw aural; studio location to 5th & Less Sts., Odessa; trans-mitter location to S of city limits on W side of old Crane Hwy., Odessa; antenna height above average terrain to 378 ft. Filed Feb. 16.

average terrain to 378 ft. Filed Feb. 16. Odessa, Tex.--Ben Nedow tr/as Ector County Bestg. Co. (KECK) amends bid for new tv station on vhf ch. 12 to change ERP to 51.5 kw visual. 27.7 kw aural; specify studio location as Peoples Furniture Co. Bldg., 118-20 W. 3rd St., Odessa; antenna height above average terrain 320 ft. Filed Feb. 18. Filed Feb. 18.

#### A'PPLICATIONS DISMISSED

Selma, Ala.—Dallas Bestrs. Inc. FCC dismissed bid for new tv station on vhf ch. 8 at request of attorney. Dismissed Feb. 18. Boston, Mass.—James F. Fitzgerald, et al d/b as Mass. Bay Telecasters. FCC dismissed bid for new tv station on vhf ch. 5 at request of at-torney. Dismissed Feb. 19. Jefferson City, Mo.—Capital Bestg. Co. FCC dismissed bid for new tv station on vhf ch. 13 at request of attorney. Dismissed Feb. 18. Musknee. Okla.—Okla Press Pub. Co. (KBIX).

at request of attorney. Dismissed Feb. 18. Muskogee, Okia.—Okia. Press Pub. Co. (KBIX). FCC Comr. E. M. Webster granted petition to dismiss without prejudice its bid for new tv sta-tion on vhf ch. 8. Dismissed Feb. 19. Sunbury, Pa.—Sunbury Bcstg. Corp. FCC dis-missed bid for new tv station on uhf ch. 65 at request of applicant. Dismissed Feb. 23.

Shamokin, Pa.—Radio Anthracite Inc. FCC dismissed bid for new tv station on uhf ch. 65 at request of attorney. Dismissed Feb. 23.

Rapid City, S. D.-KOZY Tv Inc. FCC dis-missed bid for new tv station on vhf ch. 7 at request of attorney. Dismissed Feb. 18.

Wenatchee, Wash.—Wescoast Bostg. Co. FCC dismissed bid for new tv station on uhf ch. 55 at request of attorney. Dismissed Feb. 23.

Wenatchee, Wash.—Central Wash. Telecasters Inc. FCC dismissed bid for new tv station on uhf ch. 55 at request of attorney. Dismissed Feb. 23.

## Existing Tv Stations . . .

#### ACTIONS BY FCC

WBOC-TV Salisbury, Md.—Peninsula Bcstg. Co. granted STA to operate commercially on

uhf ch. 16 for the period ending May 11. Granted Feb. 18; announced Feb. 24.

WPMT (TV) Portland, Me.—Portland Telecast-ing Corp. granted modification of CP for uhf ch. 53 to change ERP to 17.4 kw visual, 9.33 kw aural; antenna height above average terrain 260 ft. Granted Feb. 16; announced Feb. 24.

Granted Feb. 16; announced Feb. 24. KHOL-TV Holdrege, Neb.—Bi-States Co. grant-ed modification of CP for vhf ch. 13 to change ERP to 287.8 kw visual and 143.9 kw aural. Granted Feb. 16; announced Feb. 24. WTRI (TV) Schenectady, N. Y. — Van Curler Bestg. Corp. granted modification of CP for uhf ch. 35 to change ERP to 163 kw visual, 85.2 kw aural; directional antenna; antenna height above average terrain 990 ft. Granted Feb. 16; announced Feb. 24. WHER TV Harrischurg Ba. WHER Inc. granted

announced Feb. 24. WHP-TV Harrisburg, Pa.—WHP Inc. granted modification of CP for uhf ch. 55 to change ERP to 81 kw visual, 41 kw aural: antenna height above average terrain 909 ft. Granted Feb. 18; announced Feb. 24. WKAQ-TV San Juan, P. R.—El Mundo Bestg. Corp. granted STA to operate commercially on vhf ch. 2 for the period ending March 23. Granted Feb. 12; announced Feb. 24. KTNT-TV Tacoma. Wash—Tibune Pub. Co.

KTNT-TV Tacoma, Wash.—Tribune Pub. Co. granted modification of CP for vhf ch. 11 to change ERP to 316 kw visual, 158 kw aural; trans-mitter location to 8 miles SE of Port Orchard, Wash.; antenna height above average terrain 800 ft. Granted Feb. 19; announced Feb. 24.

#### STATION DELETED

WMEV-TV Marion, Va. — Mountain Empire Bostg. Corp. FCC deleted tv station on uhf ch. 50 at request of attorney. Deleted Feb. 15.

## New Am Stations . . .

#### **APPLICATIONS**

Lemars, Iowa-B & B Bcstg. Co., 1410 kc, 1 kw daytime. Post office address % Charles E. Loving, Box 191, Nevada, Mo. Estimated construction cost \$17,306, first year operating cost \$30,000, rev-enue \$42,000. Principals include President Charles E. Loving (62½%), car dealer, and General Man-ager Robert M. McKune (37½%), news director, WBLN (TV) Bloomington, III. Filed Feb. 11.

Salem, Ohio-Myron Jones, 1570 kc, 1 kw day-time. Post office address 4004 Elmwood Ave., Erie, Pa. Estimated construction cost \$12,095,



## Do You Know This Man?

He is Benton Paschall, vice president and general manager of WNOE, New Orleans, La. He says---

"The SESAC slogan 'The Best Music in America' is certainly true. I personally do not see how a radio station can be properly operated for the best programs unless SESAC is used. WNOE has used SESAC music for many years and we will con-tinue to do a good programming job with the use of SESAC material. The SESAC Transcribed Library guarantees that your station will be the most popular in your area. Without SESAC our Program Department would be at a great disadvantage."

#### -AT YOUR STATION-

See and hear the SESAC Program Service by dropping a card to---

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New York 17, N.Y.

- FOR THE RECORD -

first year operating cost \$50,000, revenue \$60,000. Mr. Jones is president-general manager-majority stockholder WJET Erie, Pa. Resubmitted Feb. 15.

## Existing Am Stations . . .

#### STATION DELETED

WTHT Hartford, Conn.—Hartford Times Inc. FCC granted request for cancellation of license and deletion of call letters. Deleted Feb. 13; announced Feb. 24.

## Existing Fm Stations . . .

#### ACTION BY FCC

WGBH (FM) Boston, Mass.—WGBS Educational Foundation, granted CP to change ERP of non-commercial educational fm station to 15.5 kw. Granted Feb. 15; announced Feb. 24.

### **Ownership Changes** . . .

#### ACTIONS BY FCC

ACTIONS DI FCC KBIS Bakersfield, Calif. — Marmat Radio Co. granted involuntary assignment of license to Metta C. Mattley, executrix of the estate of James L. Mattley (2.03%), deceased; Guy Mar-chetti, Fred Marchetti, Reno Marchetti, Umbert Cantelmi, Julian Cantelmi and Harold Brown d/b as Marmat Radio Co. Granted Feb. 15. WCNU Crestview, Fla.—D. Grady O'Neal & H. French Brown d/b as Gulf Shores Bcstg. Co. seeks involuntary assignment of license to H. French Brown (50%), and Charles C. O'Neal (50%), administrator of the estate of D. Grady O'Neal, deceased d/b as Gulf Shores Bcstg. Co. Granted Feb. 17. KEEP Twin Falls, Idaho—Radio Sales Corp.

Granted Feb. 17. KEEP Twin Falls, Idaho-Radio Sales Corp. granted voluntary transfer of negative control to H, W. Ireland through purchase of 50% interest for \$11,800 from Archie L. & Margaret D. H. Madsen. Principals include Secretary-Treasurer H. W. Ireland (45%), Vice President Kenneth Montgomery (23%) and Mary Jane Ireland (23%). Granted Feb. 18.

Mongomery (2.5%) and mary safe freind
 (22%). Granted Feb. 18.
 WGRY Gary, Ind.—WGRY Inc. granted voluntary transfer of control to George M. Whitney & Carlina L. Whitney through purchase of remaining 8.57% interest from Frederik K. Feyling for \$2,400. Mr. and Mrs. Whitney will now each own 50% interest. Granted Feb. 15.
 Morgan City, La.—Joe Phillips, A. A. Bensabat Jr. & Mortimer Silverman d/b as Tri-City Bestg. Inc. Messrs. Bensabat and Silverman will each receive 50 shares of stock at par value of \$100 in assignee. Mr. Phillips sells his ½ interest for \$250. Principals include Warren J. Fortier, auto dealer; John Fernandez, trucking service; J. Edwin Kyle Jr., lumber, and James A. Robinson, chief engineer WMPA Aberdeen, Miss. Granted Feb. 18.
 WCKG (TV) New Orleans, La.—CKG TV Co.

Feb. 18. WCKG (TV) New Orleans, La.—CKG Tv Co. granted voluntary transfer of control of permit-tee corporation from R. Zehtner et al to Lester Kamin, Billy B. Goldberg and Pat Coon through cancellation of prior agreement to purchase two-thirds interest. Principals, stockholders of WMRY New Orleans and KCIJ Shreveport, La. Granted Feb. 18.

KXGN Glendive, Mont.—Lewis Wiles Moore granted voluntary assignment of license to Glen-dive Bestg. Corp. No consideration involved as Mr. Moore retains 99% interest; Mary L. Moore (0.05%), and Elizabeth Kinsfater (0.05%). Grant-ed Feb. 18.

KGFW Kearney, Neb.—Central Neb. Bostg. Corp. granted voluntary acquisition of voluntary

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#### **APPLICATIONS**

APPLICATIONS KTIP Porterville, Calif.—T. F. Tighe seeks assignment of license to Ralph F. Miller for \$50,000 Mr. Miller is salesman for Call-Bulletin, San Francisco. Filed Feb. 17. WAMS Wilmington, Del.—Wilmington Tri-State Bestg. Co. seeks assignment of license to Rollins Bestg. Inc. for \$5,000 and assumption of liabili-ties totaling \$105,000. Rollins operates WRAD Radford, Va.; WJWL Georgetown, Del.; WNJR Newark, N. J.; WRAP Norfolk, Va. and is per-mittee for WHRN Dover, Del. Rollins proposes to dismiss its bid for new am station in Wil-mington. Filed Feb. 15. WDAK-TV Columbus, Ga.—Martin Theatres of Ga. Inc. and Radio Columbus Inc. (Ala. Corp.) d/b as Tv Columbus seeks assignment of CP for uhf ch. 28 to Martin Theatres of Ga. Inc. and Radio Columbus Inc. (Ga. Corp.) d/b as Tv Columbus. No consideration involved. Filed Feb. 15.

Feb. 15.

KILA Hilo, Hawaii—John D. Keating & J. Elroy McCaw d/b as The Island Bcstg. Co. seeks voluntary assignment of license to James Emile Jaeger for \$25,000. Mr. Jaeger is KILA station manager. Filed Feb. 16.

manager. Filed Feb. 16. WCIL Carbondale, III.—Paul F. McRoy & Ann E. Searing, individually and as executrix of the estate of John E. Searing (½), deceased, d/b as Southern III. Bcstg. seeks assignment of li-cense to Paul F. McRoy (½) and Ann E. Searing (¾), d/b as Southern III. Bcstg. through court order transferring J. H. Searing's ½ interest to Ann E. Searing. Filed Feb. 15.



KJEF Jennings, La.—Jennings Bestg. Co. seeks voluntary transfer of control to Clovis L. Balley through purchase of 75% interest from Maxwell J. Thomas (50%) and B. Hillman Bailey Jr. (25%) for \$14,203. Mr. Balley will now be sole owner. Filed Feb. 15. KCNI Broken Bow, Neb.—Custer County Bestg. Co. seek voluntary transfer of control to Bud Crawford through purchase of 9.3% interest from Clyde R. Lash for \$3,000. Mr. Crawford will now own 53.48%. Filed Feb. 15. KTJS Hobart, Okla.—T. J. Shriner seek volun-tary assignment of license to Alfred Ray Fuchs for \$16,500. Mr. Fuchs is city engineer and man-ager of utilities for Floydada, Tex. Filed Feb. 12. KEXX San Antonio, Tex.—Manuel D. Leal seeks voluntary assignment to Leal Bestg. Co. No consideration involved as Mr. Leal is sole owner of newly formed company. Filed Feb. 15. WKTY La Crosse, Wis.—La Crosse Bestg. Co. seeks assignment of license to Lee & Associates Inc. for \$30,000. Principals include President-Treasurer Herbert H. Lee (90%), former co-partner KDHL Fairbault, Minn., and his wife Elaine F. Lee (10%). Filed Feb. 17.

### Hearing Cases . . .

#### INITIAL DECISION

Charleston, S. C.—New Tv, vhf ch. 2. FCC hearing examiner Charles J. Frederick issued initial decision looking toward grant of the application of Southern Bestg. Co., for con-struction permit for new tv station in Charles-ton, S. C., on ch. 2. Action Feb. 23.

#### **OTHER ACTIONS**

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Feb. 19. Endicott, Binghamton, N. Y.—Uhf ch. 40 pro-ceeding. FCC announced its memorandum opin-ion and order, adopted Feb. 24, granting a peti-tion filed Dec. 17, by Ottaway Stations Inc., to the extent of clarifying issues with respect to Sect. 307(b) in the proceeding involving applica-tions of Ottaway and Southern Tier Radio Serv-ice Inc. for new tv station on ch. 40 in Endicott and Binghamton, N. Y., respectively. Action Feb. 24.

and Binghamton, N. Y., respectively. Action Feb. 24. Providence, R. I.—The Commission announced its memorandum opinion and order of Feb. 18. denying petition filed Nov. 12, by ch. 16 of Rhode Island Inc., Providence, R. I., to revise the hearing procedure and amend the Com-mission's memorandum opinion and order of Oct. 28, designating issues and specifying the procedure in hearing involving ch. 16's protest to the grant to Cherry & Webb Bcstg. Co. for new tv station (ch. 12) in Providence and STA; granted Cherry & Webb request of Dec. 21, to withdraw its request to enlarge the issues. Action Feb. 19. Spartanburg, S. C.—FCC by memorandum opin-

Action Feb. 19. Spartanburg, S. C.—FCC by memorandum opin-ion and order, dismissed protest filed Feb. 2, by Sterling Telecasting Co., permittee of tv sta-tion WSCV (ch. 17), Spartanburg, to Commission grant on Jan. 27, of STA to WORD-TV for in-terim operation on ch. 7 with transmitter on Paris Mountain. Action Feb. 18. Charleston, S. C.—Vhf ch. 2 proceeding. FCC Comr. E. M. Webster granted petition of Charles-ton Bestg. Co. to dismiss without prejudice its bid for new tv station on vhf ch. 2 and retained in hearing application of Southern Bestg. Co. Action Feb. 24. Tv. City Priority List Abolished—FCC an-

Tv City Priority List Abolished—FCC an-nounced since the processing of non-competitive (Continued on page 96)

## **U. S. TELEVISION OWNERSHIP BY COUNTIES**

## AS OF NOV. 1, 1953

(Released by CBS Television Research Dept.; Compiled by A. C. Nielsen Co.)

ON THE following pages B $\bullet$ T presents in full the nationwide, county-by-county survey of television homes conducted by the A. C. Nielsen Co. for CBS Television [B $\bullet$ T, Feb. 15]. The study shows the staggering increase in all facets of television during the six months from May to November 1953 and follows CBS-TV's first county-bycounty report on tv ownership last May 1.

The CBS-TV-Nielsen undertaking, based on an actual sample of 100,000 families in the 3,000 U. S. counties and said by CBS-TV to be the largest in tv history, shows that as of Nov. 1, 1953, end of the survey, 58% of the nation's families—27,506,500 out of 47,191,500—owned video sets. A total of 1,774,690 uhf homes was reported.

During this six-month period the number of tv markets doubled, tv counties had increased by nearly 50% and the number of sets had increased by almost four million. Television ownership by state ranged from a high of 89% in Rhode Island to a low of 5% in Montana. Highest penetration by geographical area was the Middle Atlantic States (New York, New Jersey, Pennsylvania) with 78% and lowest was the Mountain States (Arizona, Colorado, Idaho, Montana, Nevada) with 32%. New York State had the highest set ownership with 3,612,-620, California had 2,809,460 and Pennsylvania 2,276,640. Topping the million mark were Ohio, Illinois, Michigan, Massachusetts, New Jersey and Texas.

The following definitions and symbols apply in the tables:

Total families: Sales Management estimates of total families in each county as of Nov. 1, 1953.

Tv families: Number of families with tv sets (vhf, uhf or both) in each county on Nov. 1, 1953, as determined by this survey. These figures are reported individually by county only if 10% or more of all families in a county-report tv sets.

Uhf families: Number of families with tv sets equipped to receive a uhf signal. These figures are reported only if 10% or more of all families in a county report uhf sets.

Tv counties: Counties with at least 10% set-owning families.

Other counties: Counties with less than 10% tv ownership, reported for each state as a group.

† Indicates a county which is part of a Nielsen cluster; i.e., a group of two or more adjacent counties used as a sampling unit. Percentage of tv ownership for cluster is applied to each county in the cluster.

\* Indicates a tv county with some uhf but less than 10% of all families, and hence uhf ownership is not reported separately, although uhf families for such a county are reported in state totals. Thus, state total of uhf families may exceed the sum of individually reported counties.

LT: Indicates less than 1%.

#### ALABAMA

| ALABAMA               |                |         |        |        |        |
|-----------------------|----------------|---------|--------|--------|--------|
| TV countres           | total families | TV fa   | nilies | UHF fa | milies |
| Baldwin               | 11,700         | 2,790   | 24%    | 1,320  | 11%    |
| †Bibb                 | 4,200          | 2,600   | 62     |        |        |
| †Blount               | 7,400          | 2,860   | 39     |        |        |
| <sup>†</sup> Bullock  | 3,500          | 600     | 17     | 490    | 14     |
| Calhoun               | 22,300         | 10,360  | 46     |        |        |
| Chambers -            | 10,200         | 3,920   | 38     | . •    | ٠      |
| †Cherokee             | 4,100          | 1,480   | 36     |        |        |
| †Chilton              | 6,900          | 2,310   | 33     | •      |        |
| †Choctaw              | 4,400          | 480     | 11     | •      |        |
| †Clarke               | 6,700          | 790     | 12     | *      | -      |
| †Clay                 | 3,200          | 1,060   | 33     | *      | •      |
| †Cleburne             | 2,900          | 1,040   | 36     |        |        |
| Colbert               | 10,900         | 1,060   | 10     |        |        |
| *Conecuh              | 4,800          | 620     | 13     |        |        |
| †Coosa                | 2,800          | 920     | 33     | •      |        |
| †Cullman              | 12,400         | 5,710   | 46     |        |        |
| Dallas                | 14,600         | 3,260   | 22     | •      |        |
| De Kalb               | 11,900         | 2,330   | 20     |        |        |
| †Elmore               | 7,600          | 1,750   | 23     | •      | •      |
| †Escambia             | 7,700          | 990     | 13     |        |        |
| Etowah                | 27,900         | 13,520  | 48     |        |        |
| †Fayette              | 4,800          | 910     | 19     |        |        |
| †Franklin             | 6,500          | 1,430   | 22     |        |        |
| †Greene               | 3,900          | 660     | 17     |        |        |
| †Hale                 | 4,600          | 790     | 17     |        |        |
| Jackson               | 9,300          | 920     | 10     |        |        |
| Jefferson             | 169,900        | 110,120 | 65     |        |        |
| †Lamar                | 3,800          | 720     | 19     |        |        |
| Lauderdale            | 15,300         | 1,550   | 10     |        | -      |
| †Lawrence             | <u> </u>       | 1,630   | 25     |        |        |
| Lce                   | 11,000         | 1;340   | 12     | -5.5   | i      |
| Limestone             | 8,900          | 2,210   | 25     |        |        |
| Macon                 | 6,900<br>Et    | 1,170   | 17     | 980    | 14     |
| Madison               | 19,900         | 4,060   | 20     | 21     | _ ·    |
| Marengo               | 7,000          | 1,030   | 15     |        |        |
| Marion                | 6,900          | 1,550   | 22     |        |        |
| Marshall              | 12,100         | 2,650   | 22     |        |        |
| Mobile                | 72,200         | 26,940  | 37     | 25,200 | 35     |
| Montgomery            | 41,900         | 8,840   | 21     | 8,300  | 20     |
| Morgan                | 15,100         | 4,420   | 29     |        |        |
| Perry                 | 4,200          | 710     | 17     |        |        |
| Pickens               | 5,400          | 970     | 18     |        |        |
| <sup>†</sup> Randolph | 5,300          | 1,880   | 35     |        |        |
| Russell               | 10,400         | 1,770   | 17     | 1,770  | 17     |
| Saint Clair           | 6,700          | 2,550   | 38     |        |        |
| Shelby                | 7,700          | 4,730   | 61     | :      |        |
| Sumter                | 5,200          | 780     | 15     |        |        |
|                       |                |         |        |        |        |

BROADCASTING • TELECASTING

| Talladega                 | 16,600          | 10,830             | 65     |                      |             |
|---------------------------|-----------------|--------------------|--------|----------------------|-------------|
| †Tallapoosa               | 9,000           | 2,020              | 22     | *                    | ٠           |
| Tuscaloosa                | 24,000          | 7,090              | 30     |                      |             |
| Walker                    | 16,200          | 8,810              | 54     |                      |             |
| †Washingtou               | 3,600           | 400                | 11     | •                    |             |
| †Winston                  | 4,500           | 2,070              | 46%    |                      |             |
| TY counties               | 733,400         | 278,000            | 38%    | 41,200               | 6%          |
| other counties            | 91,300          | 2,470              | 3%     | 1,240                | 1%          |
| total                     | 824,700         | 280,470            | 34%    | 42,440               | 5%          |
| ARIZONA                   |                 |                    |        |                      |             |
| TV counties               | total families  | TV fa              | milies | UHF fa               | milies      |
| Maricopa.                 | 119,400         | 79,870             | 67%    |                      |             |
| Pima                      | 54,500          | 16,730             | 31     |                      |             |
| Pinal                     | 13,300          | 6,240              | 47     |                      |             |
| Yuma                      | 9,000           | 3,110              | 35     |                      |             |
| TV counties               | 196,200         | 105,950            | 54%    |                      |             |
| other counties.           | 56,900          | 1,620              | 3%     |                      |             |
| total                     | 253,100         | 107,570            | 43%    |                      |             |
|                           |                 | 11                 | /•     |                      |             |
|                           |                 |                    |        |                      |             |
| ARKANSAS                  | 3               | •                  |        |                      |             |
| TV counties               | total families  | TV fa              | milies | UHF fa               | mílies      |
| †Arkansas                 | 6,800           | 1,360              | 20%    | 680                  | 10%         |
| †Ashley                   | 6,700           | 1,140              | 17     |                      |             |
| †Chicot                   | 6,100           | 1,040              | 17     |                      | 1           |
| tClay                     | 7,400           | 1,920              | 26     |                      | e           |
| tConway                   | 4,400           | ້480               | 11     | 9 8. YP              | 1.4.        |
| Craighead                 | 13,900          | <sup>(</sup> 8,260 | 59     | nife in              | i           |
| Crittenden                | 12,700          | 6,610              | 52     | 1272                 | **          |
| †Cross                    | 6,300           | 2,270              | 36     |                      |             |
| <sup>†</sup> Faulkner     | . 6,700         | 730                | n      | Her#:                | te j        |
| <sup>†</sup> Fulton       | 2,500           | - 960              | 37     | L /*                 | • : `       |
|                           |                 | 2,020              | 25     | - 100 - C            | <u>.</u>    |
| †Greene                   |                 | 1;540              |        | isther.              |             |
| <sup>†</sup> Independence |                 |                    |        | ina sad              | Qr i        |
| †Jackson                  | 7,000           | 1,710              | 24-    | -                    | 1.1         |
| <sup>†</sup> Lawrence     | 5,700           | 2,090              | 37     |                      | 1.1         |
| †Lee                      | 6,200           | 1,920              | 31     | v.,                  |             |
| <sup>†</sup> Little River | 2,700           | 1,030              | 38     | 5.2                  | 11          |
| <sup>†</sup> Lonoke       | et 17,200       | 1,440              | 20     | 780                  | 10          |
| †Miller -                 | 10,400          | 3,890              | 37     |                      |             |
| Mississippi               | 21,400          | 14,010             | 65     |                      |             |
| †Monroe                   | 5,100           | 1,120              | 22     | 4. T 600             | e i         |
| Phillips                  | - 12,900        | 4,770              | 37     | ्रम्<br>- रेन्द्र म् |             |
| Phillips<br>†Poinsett     | 10,000          | 3,600              | 36     | · · ••• •!           |             |
| <sup>†</sup> Prairie      | - 3,600         | 720.               | 20.    | 360                  | 10          |
|                           | 5,000<br>63,400 | 10.570             | 17     | 10,570               | 17          |
| Pulaski                   |                 | 10,570             | 37     | 10,010               | . 44        |
| *Randolph                 | 4,300           | 1,930              | əí     |                      | <b>`</b> ¶1 |
|                           |                 | NO-                |        |                      | 1           |

| total .                       | 535,500        | 102,020         | 19%        | 19,690        | 4%       |
|-------------------------------|----------------|-----------------|------------|---------------|----------|
| TV counties<br>other counties | <b>314,700</b> | 92,580<br>9,440 | 29 %<br>4% | 18,730<br>960 | 69<br>LT |
| †Woodruff                     | 4,400          | 920             | 21         | 2.47          |          |
| Washington                    | 15,600         | 2,950           | 19         |               |          |
| †Van Buren                    | 2,600          | 290             | 11         |               | •        |
| Union                         | 14,700         | 1,780           | 12         | -             |          |
| Sebastian                     | 20,000         | 6,930           | 35         | 5,700         | 29       |
| <sup>†</sup> St. Francis      | 9,500          | 2,920           | 31         |               |          |

#### CALIFORNIA

| TV counties to              | otal families         | TV fa               | milies      | UHF fa | milies |
|-----------------------------|-----------------------|---------------------|-------------|--------|--------|
| Alameda-                    | 276,900               | 202,750             | 73%         |        |        |
| †Alpine                     | 100                   | 1 40                | 38          |        |        |
| †Amádor                     | 3,000                 | 1,020               | 34          |        |        |
| Butte                       | 24,100                | 4,770               | 20          |        |        |
| †Calaveras                  | 3,500                 | 1,190               | 34          |        |        |
| †Colusa                     | 4,000                 | 960                 | 24          |        |        |
| Contrà Costa                | 103,700               | 63,530              | 61 2-1      |        |        |
| <sup>†</sup> Eldorado       | 6,200                 | 2,120               | 34          |        |        |
| Fresno                      | 93,200                | 45,460              | 49          | 41,120 | 44%    |
| †Glenn                      | 5,100                 | 1,210               | 24          |        |        |
| Humboldt                    | <sup>311</sup> 27,400 | 4,560               | 17          |        |        |
| Imperial                    | 17,300                | 3,620               | 21          |        |        |
| Kern                        | 4 80,000              | h+ 28,280           | 35          | 16,720 | 21     |
| Kings '                     | 15,000                | <sup>(</sup> 6,300  | 42          | 4,000  | 27     |
| Lake t                      | - 4,700               | 1.130               | 24 31       |        |        |
| Los Angeles."               | 1,637,600             | . 1,409,450         | 86          | 1.1    |        |
| Madera **                   | 11,800                | 5,330               | 45          | 4,140  | 35     |
| Marin                       | 31,400                | 22,990              | 73          |        |        |
| †Mariposa                   | 1,400                 | 530                 | 38          |        |        |
| <sup>†</sup> Merced         | 22,400                | 8,830               | ~39         | 3,960  | 18     |
| Mono                        | - 700                 | . 270               | 38          |        |        |
| -Monterey                   | 49,160                | - 20,250            | 41          |        |        |
| Napa                        | 15,700                | 7,190               | 46          |        |        |
| <sup>†</sup> Nevada         | 7,000                 | 1,830               | 26          |        |        |
| Orange -                    | 90,400                | 71,660              | 79          |        |        |
| Placer -                    | 14,400                | 5,660               | 39          | •      |        |
| †Plumas                     | 4,700                 | 1,220               | 26          |        | •      |
| Riverside                   | 68,400                | 39,580              | 58          |        | 52     |
| Sacramento                  | 105,100               | 51,270              | 49          | 15,280 | 15     |
| <sup>†</sup> San Benito     | 4,800                 | 1,920               | ` <b>40</b> | 860    | 18     |
| -                           |                       |                     |             |        |        |
| San Bernardino              | 107,900               | . 74,780            | 69          |        |        |
| San Bernardino<br>San Diego | 107,900<br>237,000    | · 74,780<br>172,220 | 69<br>73    | •      | •      |

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TELECASTING •

BROADCASTING

San Mateo Santa Barbara Santa Clara Santa Cruz †Sierra 
 78,050
 84

 16,960
 47

 79,330
 74

 7,890
 30

 130
 26
 33,500 107,000 26,500 500 
 28,570
 71

 18,370
 46

 17,540
 39

 2,620
 29.

 1,240
 18
 40,300 39,900 44,900 Solano Sonoma Stanislaus 9,100 6,900 †Sutter †Tehama 1,900 46,500 4,600 40,300 14,200 
 340
 18

 13,870
 30

 1,750
 38%

 31,300
 78

 6,000
 42
 +Trinity Tulare Tuolumne Ventura Yolo 11,450 25 . 2,920 21% †Yuba 8,500 2,470 29 **2,807,970 71% 108,540** 1,670 **3%** 3,974,700 54,800 TV counties 3% other counties 4,029,500 2,809,640 70% 108,540 total 3%

40,080 58 7,550 31

FLORIDA

69,100 24,300

92,600 35**,800** 

#### COLORADO

San Joaquin San Luis Obispo

| TV counties           | total families | TV fa   | milies | UHF families |
|-----------------------|----------------|---------|--------|--------------|
| Adams                 | 13,900         | 10,810  | 78%    |              |
| Arapahoe              | 19,300         | 11,050  | 57     |              |
| Boulder               | 16,700         | * 7,350 | 44     |              |
| †Chaffee              | 2,300          | 280     | 12     |              |
| †Clear Creek          | 1,200          | 170     | 14     |              |
| †Crowley              | 1,400          | 360     | 26     |              |
| †Custer               | 600            | 70      | 12     |              |
| Denver                | 157,500        | 97,220  | 62     |              |
| †Douglas              | 1,200          | 140     | 12     |              |
| †Eagle                | 1,100          | 160     | 15     | _            |
| †Elbert               | 1,000          | 120     | 12     |              |
| El Paso               | 29,700         | 9,900   | 33     |              |
| <sup>†</sup> Fremont  | 5,700          | 700     | 12     |              |
| †Gilpin               | 200            | 30      | 15     |              |
| <sup>†</sup> Grand    | 1,000          | 150     | 15     |              |
| †Jackson              | 700            | 110     | 15     |              |
| Jefferson             | 22,000         | 15,990  | 73     |              |
| <sup>†</sup> Lake     | 1,800          | 220     | 12     |              |
| Larimer               | 15,100         | 7,920   | 52     |              |
| †Lincoln              | 1,900          | 240     | 13     |              |
| †Logan '              | 5,100          | 1,280   | 25     |              |
| †Morgan               | 5,400          | 1,280   | 24     |              |
| †Otero                | 8,100          | 2,110   | 26     |              |
| †Park                 | 400            | 50      | 12     |              |
| <sup>†</sup> Phillips | 1,500          | 380     | 25     |              |
| Pueblo                | 29,200         | 14,050  | 48     |              |
| <sup>†</sup> Sedgwick | 1,500          | 380     | 25     |              |
| †Summit               | 400            | 60      | 15     |              |
| †Teller               | 600            | 70      | 12     |              |
| †Washington           | 2,400          | 600     | 25     |              |
| Weld                  | 20,300         | 10,910  | 54     |              |
| †Yuma                 | 3,500          | 880     | 25     |              |
| TV counties           | 372,700        | 195,040 | 52%    |              |
| other counties        | 83,400         | 1,750   | 2%     |              |
| total                 | 456,100        | 196,790 | 43%    |              |

| CONNEGI     |                |         |        | -      |        |
|-------------|----------------|---------|--------|--------|--------|
| TV counties | total families | TV fa   | milies | UHF fa | milies |
| Fairfield   | 160,200        | 119,990 | 75%    | ٠      | •      |
| Hartford    | 169,600        | 124,110 | 73     | 36,990 | 22%    |
| Litchfield  | 31,500         | 22,670  | 72%    | •      | •      |
| Middlesex . | 20,500         | 16,820  | 82     | 2,220  | 11%    |
| New Haven   | 170,200        | 148,310 | 87     |        |        |
| New London  | 45,400         | 26,140  | 58     | 1      |        |
| Tolland     | 13,200         | 7,930   | 60     | •      | ٠      |
| Windham     | 19,700         | 13,240  | 67     |        |        |
| TV counties | 630,300        | 479,210 | 76%    | 43,970 | 7%     |
| total       | 630,300        | 479,210 | 76%    | 43,970 | 7%     |

#### DELAWARE

10

CONNECTICUT

| TV counties | total families                     | TV fa        | milies | UHF families |
|-------------|------------------------------------|--------------|--------|--------------|
| Kent        |                                    | 9,950        | 78%    |              |
| New Castle  |                                    | 53,230       | 78     | 10           |
| Sussex      | 20,500                             | 11,930       | 58     |              |
| TV counties | 101,600                            | 75,110       | 74%    |              |
| total       | 101,600                            | 75;110       | 74%    |              |
|             | OF COLUMB                          | i.           |        |              |
| DISTRICT (  | <b>DF COLUMB</b><br>total families | iA<br>TV fai | milies | UHF families |
|             |                                    |              | milies | UHF families |
| TV counties | total families                     | TV fai       | 80%    | UHF families |

| TV counties   | total families   | TV fa  | milies  | UHF fa                                     | milies                    |
|---|--|--|---|--|---------------------------|
| Alachua   | 16,200   | 3,600  | 22%   |  |                           |
| †Baker  | 1,300  | 790  | 61  |  |                           |
| Bay<br>†Bradford  | 15,900<br>3,300  | 1,710<br>2,010   | 11<br>61  |  |                           |
| <sup>†</sup> Brevard  | 8,500  | 1,110  | 13  | _  |                           |
| Broward   | 36,500   | 26,310   | 72  | 13,750                                     | 37%                       |
| †Charlotte  | 1,500<br>1,600   | 180<br>260   | 12<br>16  |  |                           |
| †Citrus<br>†Clay  | 4,300  | 1,890  | 44  |  |                           |
| †Collier  | 2,300  | 280  | 12  |  |                           |
| †Columbia   | 5,000  | 1,010  | 20  |  |                           |
| Dade<br>†Dixie  | 200,100<br>700   | 1 <b>30,</b> 330<br>110  | 65<br>16  | •  | •                         |
| Duval   | 99,300   | 60,720   | 61  |  |                           |
| Escambia  | 35,700   | 7,950  | 22  | •  | ۰                         |
| †Flagler  | 1,000  | 110  | 11  |  |                           |
| <sup>†</sup> Gilchrist  | 600  | 120<br>60  | 20<br>10  |  |                           |
| †Glades<br>†Hamilton  | 600<br>2,200   | 530  | 24  |  |                           |
| <sup>†</sup> Hendry   | 1,700  | 200  | 12  |  |                           |
| †Hernando   | 1,900  | 300  | 16  |  |                           |
| <sup>†</sup> Highlands  | 4,800  | 480  | 10  | *  | •                         |
| Hillsborough<br>†Indian River   | 1 85,200<br>4,200  | 28,380<br>420  | 33%<br>10   | 27,530                                     | 32%                       |
| †Jefferson  | 2,600  | 620  | 24  |  |                           |
| †Lafayette  | 600  | 120  | 20  |  |                           |
| Lake  | 12,300   | 3,360  | 27  |  |                           |
| †Lee<br>†Lee  | 8,800  | 1,060  | 12  |  |                           |
| <sup>†</sup> Levy<br><sup>†</sup> Madison   | 2,900<br>3,400   | 450<br>770   | 16<br>23  |  |                           |
| Manatee   | 12,500   | 3,970  | 32  | 3,970                                      | 32                        |
| Manatee   | 12,500   | 3,970<br>2,940   | 32<br>25  | 9,910                                      | 36                        |
| †Martin   | 2,800  | 280  | 10  | ٠  | ٠                         |
| †Monroe<br>†Nassau  | 10,000<br>3,600  | 1,220<br>2,200   | 12<br>· 61  |  |                           |
|   |  |  |   |  | •                         |
| †Okaloosa<br>†Okeechobee  | 8,000<br>900   | 810<br>90  | 10<br>10  |  |                           |
| Orange  | 43,600   | 4,730  | 11  |  |                           |
| †Osceola<br>Palm Peach  | 4,200  | 590<br>0.700   | 14  |  |                           |
| Palm Beach  | 42,700   | 9,790  | 23  |  |                           |
| <sup>†</sup> Pasco<br>Pinellas  | 7,300<br>70,800  | 1,080  | 15<br>15  | 780<br>10,270                              | 11<br>15                  |
| †Putnam   | 7,500  | 3,300  | 44  | 10 200                                     | 14                        |
| †St. Johns  | 8,000  | 3,530  | 44  |  |                           |
| †St. Lucie  | 7,100  | 790  | 11  |  | -                         |
| †Santa Rosa   | 5,000  |  |   |  |                           |
|   |  | 550  | 11  | •  | •                         |
| †Seminole<br>†Sumter  | 8,500<br>3,200   | 550<br>1,190<br>480  | 11<br>14<br>15  | 350  | •                         |
| †Seminole<br>†Sumter<br>†Suwannee   | 8,500<br>3,200<br>4,400  | 1,190<br>480<br>880  | 14<br>15<br>20  | •  | 11                        |
| <sup>†</sup> Seminole<br><sup>†</sup> Sumter<br><sup>†</sup> Suwannee<br><sup>†</sup> Taylor  | 8,500<br>3,200   | 1,190<br>480   | 14<br>15  | •  | 11                        |
| †Seminole<br>†Sumter<br>†Suwannee<br>†Taylor<br>†Union  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100  | 1,190<br>480<br>880<br>700<br>670  | 14<br>15<br>20<br>24<br>61  | •  | 11                        |
| <sup>†</sup> Seminole<br><sup>†</sup> Sumter<br><sup>†</sup> Suwannee<br><sup>†</sup> Taylor  | 8,500<br>3,200<br>4,400<br>2,900   | 1,190<br>480<br>880<br>700   | 14<br>15<br>20<br>24  | •  | •                         |
| <sup>†</sup> Seminole<br><sup>†</sup> Sumter<br><sup>†</sup> Suwannee<br><sup>†</sup> Taylor<br><sup>†</sup> Union<br><sup>†</sup> Volusia  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000   | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440  | 14<br>-15<br>20<br>24<br>61<br>11<br>11   | 350  | •                         |
| †Seminole<br>†Sumter<br>†Suwannee<br>†Taylor<br>†Union<br>†Volusia<br>†Walton   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700  | 1,190<br>480<br>880<br>700<br>670<br>3,030   | 14<br>15<br>20<br>24<br>61<br>11  | •  | •<br>•<br>9%              |
| <pre>tSeminole tSumter tSuwannee tTaylor tUnion tVolusia tWalton TV counties</pre>  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br><b>862,800</b><br>106,000  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b>  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b>  | 350<br>80,340                              | •<br>9%<br>4%             |
| tSeminole<br>tSumter<br>tSuwannee<br>tTaylor<br>tUnion<br>tVolusia<br>tWalton<br><b>TV counties</b><br>other counties   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br>862,800  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b><br>8%  | 350<br>•<br>80,340<br>3,970                | •                         |
| Seminole     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br><b>862,800</b><br>106,000  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b><br>8%  | 350<br>•<br>80,340<br>3,970                | • 9% 4%                   |
| tSeminole<br>tSumter<br>tSuwannee<br>tTaylor<br>tUnion<br>tVolusia<br>tWalton<br><b>TV counties</b><br>other counties   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br><b>862,800</b><br>106,000  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b><br>8%  | 350<br>•<br>80,340<br>3,970                | • 9% 4%                   |
| Seminole     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br><b>862,800</b><br>106,000  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38 %</b><br>35%  | 350<br>•<br>80,340<br>3,970                | •<br>9%<br>4%<br>9%       |
| *Seminole<br>†Sumare<br>†Suwannee<br>†Taylor<br>†Union<br>†Volusia<br>†Volusia<br>†Walton<br><i>TV counties</i><br>total<br><i>GEORGIA</i><br><i>TV counties</i><br>†Appling  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br><b>862,800</b><br>106,000<br>968,800<br><i>968,800</i><br><i>sotal families</i><br>3,300  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br><i>TV fan</i><br>430   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b><br><u>8%</u><br><u>35%</u><br>nillies  | 350<br>•<br>80,340<br>3,970<br>84,310      | •<br>9%<br>4%<br>9%       |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br>862,800<br>106,000<br>968,800<br><i>sotal families</i><br>3,300<br>1,700   | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br><i>TV fan</i><br>430<br>270   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilies<br>13%<br>16   | 350<br>•<br>80,340<br>3,970<br>84,310      | •<br>9%<br>4%<br>9%       |
| †Seminole<br>†Sumter<br>†Suwannee<br>†Taylor<br>†Union<br>†Volusia<br>†Walton<br><i>TV counties</i><br><i>total</i><br><i>GEORGIA</i><br><i>TV counties</i><br>†Appling<br>†Atkinson<br>†Bacon  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br>862,800<br>106,000<br>968,800<br>968,800<br>total families<br>3,300<br>1,700<br>2,200  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br><i>TV fan</i><br>430<br>270<br>770  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br><b>38%</b><br><u>8%</u><br><u>35%</u><br>nillies  | 350<br>•<br>80,340<br>3,970<br>84,310      | •<br>9%<br>4%<br>9%       |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br>862,800<br>106,000<br>968,800<br><i>sotal families</i><br>3,300<br>1,700   | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br><i>TV fan</i><br>430<br>270   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>35%<br>millies<br>13%<br>16<br>35  | 350<br>•<br>80,340<br>3,970<br>84,310      | •<br>9%<br>4%<br>9%       |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAtkinson     tAppling     tAtkinson     tBacon     tBaldwin   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>862,800<br>106,000<br>968,800<br>968,800<br>068,800<br>106,000<br>968,800<br>3,300<br>1,700<br>2,200<br>5,100   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br><i>TV fan</i><br>430<br>270<br>770<br>1,410  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>13%<br>13%<br>16<br>35<br>28  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | •<br>9%<br>4%<br>9%       |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson     tBacon     tBarrow     tBarrow     tBarrow  | 8,500<br>3,200<br>4,400<br>2,900<br>852,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>106,000<br>968,800<br>10,000<br>1,700<br>2,200<br>5,100<br>1,500<br>1,500<br>7,300   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br>337,350<br>77 <i>V</i> fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520.<br>4,600   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>13%<br>16<br>35<br>28<br>36<br>41<br>63   | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | •<br>9%<br>4%<br>9%       |
| *Seminole<br>†Sumter<br>*Suwannee<br>†Taylor<br>†Union<br>†Volusia<br>†Walton<br><i>TV counties</i><br><i>other counties</i><br><i>total</i><br><i>GEORGIA</i><br><i>TV counties</i><br>†Atkinson<br>†Bacon<br>†Baldwin<br>†Bartow<br>†Barrow<br>†Barrow<br>†Barrow   | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>4,000<br>862,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>106,000<br>968,800<br>2,200<br>5,100<br>1,500<br>1,500<br>1,500<br>4,100   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>' 540  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>11<br>38%<br>8%<br>35%<br>nullies<br>13%<br>16<br>35<br>28<br>36<br>41  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | •<br>9%<br>4%<br>9%       |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson     tBacon     tBarrow     tBarrow     tBarrow  | 8,500<br>3,200<br>4,400<br>2,900<br>852,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>106,000<br>968,800<br>10,000<br>1,700<br>2,200<br>5,100<br>1,500<br>1,500<br>7,300   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520.<br>4,600<br>670  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>11<br>138%<br>8%<br>35%<br>13%<br>16<br>35<br>41<br>63<br>16  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | •<br>9%<br>4%<br>9%       |
| tSeminole     tSumanee     tSuwannee     tTaylor     tUnion     tVolusia     tVolusia     tWalton <b>TV</b> counties     other counties     total <b>GEORGIA TV</b> counties     tAppling     tAtkinson     tBachwin     tBanks     tBarrow     tBarrow     tBen Hill     tBerrien  | 8,500<br>3,200<br>4,400<br>2,900<br><b>862,800</b><br><b>862,800</b><br><b>862,800</b><br><b>968,800</b><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>500</i><br><i>5</i> | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520.<br>4,600<br>670  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>28<br>36<br>31<br>16<br>16  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson     tBacon     tBarrow     tBarrow     tBarrow     tBarrow     tBen Hill     tBerrien     Bibb     tBleckley     tBranley   | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>968,800<br>968,800<br>968,800<br>1,000<br>2,200<br>5,100<br>5,100<br>5,100<br>5,100<br>3,500<br>7,300<br>4,100<br>2,200<br>1,500   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>11,520<br>4,600<br>670<br>540<br>011,959<br>600<br>200  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>41<br>16<br>34<br>26<br>13  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> there counties     total <b>TV counties</b> total <b>TV counties</b> total <b>TV counties</b> there counties  | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>862,800<br>106,000<br>968,800<br>968,800<br>968,800<br>3,000<br>1,700<br>2,200<br>5,100<br>1,500<br>3,300<br>3,500<br>3,500<br>2,300<br>4,100<br>3,500  | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>1,410<br>540<br>1,520<br>540<br>11,950<br>600<br>200<br>780   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilies<br>13%<br>16<br>16<br>34<br>26<br>13<br>19   | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson     tBacon     tBarrow     tBarrow     tBarrow     tBarrow     tBen Hill     tBerrien     Bibb     tBleckley     tBranley   | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>968,800<br>968,800<br>968,800<br>1,000<br>2,200<br>5,100<br>5,100<br>5,100<br>5,100<br>3,500<br>7,300<br>4,100<br>2,200<br>1,500   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>11,520<br>4,600<br>670<br>540<br>011,959<br>600<br>200  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>41<br>16<br>34<br>26<br>13  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton <b>TV counties</b> other counties     total <b>GEORGIA TV counties</b> tAppling     tAtkinson     tBacon     tBaldwin     tBarrow     tBartow                 | 8,500<br>3,200<br>4,400<br>2,900<br>862,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>2,800<br>10,000<br>2,200<br>3,300<br>1,700<br>1,500<br>3,300<br>4,100<br>3,300<br>3,5500<br>2,300<br>1,500   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>11,630<br>950<br>4,860  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>11<br>138%<br>8%<br>35%<br>13%<br>16<br>35<br>36<br>41<br>63<br>35<br>41<br>63<br>36<br>41<br>63<br>36<br>41<br>63<br>36<br>41<br>63<br>16<br>16<br>16<br>16<br>19<br>77<br>19<br>71  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSumanee     tSuwannee     tTaylor     tUnion     tVolusia     tVolusia     tVolusia     tWalton     TV counties     other counties     total     total     tAppling     tAtkinson     tBacon     tBacon     tBacon     tBartow     tCarroll     tCarrol  | 8,500<br>3,200<br>4,400<br>2,900<br>8,62,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>2,000<br>1,700<br>2,200<br>5,100<br>1,500<br>3,300<br>3,5500<br>2,300<br>4,100<br>2,200<br>2,200<br>2,200<br>3,550  | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>770<br>1,410<br>540<br>1,520<br>4,600<br>200<br>780<br>11,555<br>600<br>200<br>780<br>1,630<br>-950<br>4,660<br>2,620   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>11<br>11<br>138 %<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBaclowin     tBacnew     tBarrow     tBarrow     tBarrow     tBerrien     Bibb     tBerrien     Bibb     tBercley     tBrooks     tButts     tCarroll     tCarols     tCatoosa     tCarlon   | 8,500<br>3,200<br>4,400<br>2,900<br>862,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>106,000<br>968,800<br>2,800<br>1,700<br>2,200<br>1,700<br>2,200<br>1,500<br>3,300<br>4,100<br>3,300<br>1,500<br>2,300<br>4,100<br>4,100<br>2,300<br>2,300<br>4,100<br>3,300<br>1,500   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>1,410<br>770<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>780<br>780<br>780<br>500<br>4,860   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nulles<br>13%<br>16<br>35<br>28<br>36<br>41<br>63<br>16<br>16<br>34<br>26<br>11<br>19<br>771<br>45<br>52%<br>61   | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSumanee     tSuwannee     tTaylor     tUnion     tVolusia     tVolusia     tVolusia     tWalton     TV counties     other counties     total     total     tAppling     tAtkinson     tBacon     tBacon     tBacon     tBartow     tCarroll     tCarrol  | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>868,800<br>5,60<br>3,300<br>1,500<br>3,300<br>3,500<br>2,200<br>5,100<br>1,500<br>3,300<br>3,500<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>3,300<br>1,500<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,100<br>3,300<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>3,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,100<br>1,10  | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>770<br>1,410<br>540<br>1,520<br>4,600<br>200<br>780<br>11,555<br>600<br>200<br>780<br>1,630<br>-950<br>4,660<br>2,620   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>11<br>11<br>138 %<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8  | 350<br>80,340<br>3,970<br>84,320<br>UHF fa | 9%                        |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBaclowin     tBaclowin     tBarrow     tBarrow     tBarrow     tBarrow     tBartow     tBerrien     Bibb     tBercien     tButts     tCarroll     tCarroll     tCartoln     Chatham     tChartlon     Chatham     tChartlon  | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>968,800<br>5,600<br>1,700<br>2,200<br>5,100<br>1,500<br>3,700<br>7,300<br>4,100<br>3,300<br>3,5,500<br>2,300<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,200  | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,550<br>600<br>200<br>780<br>200<br>780<br>200<br>780<br>2,620<br>550<br>4,860<br>2,620<br>550<br>7,790   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>33%<br>nilices<br>13%<br>16<br>35<br>28<br>36<br>41<br>16<br>33<br>41<br>16<br>33<br>41<br>16<br>33<br>41<br>16<br>35<br>28<br>41<br>17<br>18%<br>45<br>52%<br>61<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11  | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |
| tSeminole     tSumare     tSumare     tSuwannee     tTaylor     tUnion     tVolusia     tAppling     tAtkinson     tBackon     tBackon     tBackon     tBarrow     tBartow     tBartow     tBarrow     tBartow     tBartow     tBartow     tBartow     tBartow     tChartkooche     tChartkooche     tChattoogs     tChartkoose  | 8,500<br>3,200<br>4,400<br>2,900<br>862,800<br>106,000<br>968,800<br>568,800<br>568,800<br>568,800<br>568,800<br>568,800<br>568,800<br>568,800<br>5,000<br>1,700<br>2,200<br>5,100<br>1,500<br>5,100<br>1,500<br>3,300<br>4,100<br>3,300<br>4,100<br>2,200<br>4,100<br>4,100<br>4,100<br>4,100<br>2,200<br>4,100<br>2,200<br>4,100<br>2,200<br>4,100<br>2,200<br>2,200<br>4,100<br>2,200<br>4,100<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,200<br>2,20  | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>770<br>780<br>1,630<br>950<br>4,860<br>2,620<br>500<br>7,790<br>240  | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>11<br>138%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>8%<br>13%<br>16<br>16<br>34<br>26<br>34<br>28<br>36<br>41<br>16<br>34<br>28<br>41<br>11<br>19<br>71<br>16<br>11<br>19<br>71<br>16<br>11<br>19<br>71<br>19<br>71<br>10<br>19<br>71<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1  | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSummer     tSummer     tSummer     tSummer     tTaylor     tUnion     tVolusia     tWalton     tVolusia     tWalton     tV counties     other counties     total     deGORGIA     TV counties     tAppling     tAtkinson     tBactom     tBactom     tBactom     tBartow     tChartooga     tChartooga     tChartooga     tChartokee     tClarke   | 8,500<br>3,200<br>4,400<br>2,900<br>862,800<br>106,000<br>968,800<br>968,800<br>106,000<br>968,800<br>2,800<br>1,700<br>2,200<br>5,100<br>1,500<br>2,200<br>5,100<br>1,500<br>3,300<br>3,5,500<br>2,300<br>2,300<br>4,100<br>3,300<br>3,5,500<br>2,300<br>1,500<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>1,500<br>2,300<br>2,300<br>2,300<br>2,300<br>2,5,500<br>1,500<br>2,500<br>1,500<br>2,500   | 1,190<br>480<br>880<br>700<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>337,350<br>770<br>1,410<br>770<br>1,520<br>4,600<br>670<br>540<br>11,550<br>540<br>11,550<br>600<br>200<br>780<br>1,530<br>950<br>4,600<br>2,500<br>2,500<br>2,500<br>2,190<br>2,190<br>4,000   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nulles<br>13%<br>16<br>35<br>28<br>36<br>41<br>63<br>34<br>26<br>13<br>16<br>16<br>34<br>26<br>11<br>17<br>16<br>33<br>41<br>61<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>1  | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBacon     tBaldwin     tBacon     tBaldwin     tBarrow     tBarrow     tBarrow     tBerrien     Bibb     tBeckley     tBrantley     tBrantley     tCarroll     tCartoln     tChatthooche     tChatthooche     tClarke     tClary   | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>862,800<br>0<br>668,800<br>968,800<br>2,600<br>1,700<br>2,200<br>3,300<br>1,700<br>2,200<br>5,100<br>1,500<br>3,300<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>2,300<br>4,100<br>1,500<br>5,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500   | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br>337,350<br>77V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>950<br>4,660<br>2,620<br>500<br>7,790<br>240<br>2,190<br>2,310<br>2,190<br>2,90  | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>28<br>36<br>41<br>63<br>16<br>34<br>26<br>13<br>19<br>19<br>71<br>45<br>52%<br>61<br>41<br>41<br>40<br>438<br>222   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |
| tSeminole     tSumare     tSumare     tSumare     tSumare     tSumare     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBaclowin     tBaclowin     tBaclowin     tBarrow     tBarrow     tBarrow     tBarrow     tBarrow     tBarrow     tBartow     tBarrow     tBartow     tChartlon     Chatham     tChattooga     tChartooga     tChartooga     tChartooga     tChartooga  | 8,500<br>3,200<br>3,200<br>2,900<br>1,100<br>27,700<br><b>862,800</b><br><b>862,800</b><br><b>862,800</b><br><b>968,800</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b></b>           | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>7V fan<br>430<br>270<br>770<br>1,410<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>780<br>780<br>780<br>200<br>780<br>780<br>780<br>200<br>2,520<br>5,00<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,00 | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nulles<br>13%<br>16<br>35<br>28<br>36<br>41<br>41<br>45<br>34<br>26<br>13<br>19<br>971<br>16<br>16<br>41<br>40<br>38<br>22<br>73<br>38<br>23<br>26<br>27<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28  | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBacon     tBaldwin     tBacon     tBartow     tBartow     tBartow     tBartow     tBartey     tBartow     tBartey     tBrantley     tBrantley     tBrantley     tChartlon     Chattahooche     tCharke     tClaryton     tClaryton     tClinch  | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>868,800<br>106,000<br>968,800<br>106,000<br>968,800<br>106,000<br>3,300<br>1,700<br>2,200<br>5,100<br>1,500<br>3,700<br>7,300<br>4,100<br>3,300<br>3,5,500<br>2,300<br>2,300<br>4,100<br>4,000<br>4,000<br>4,000<br>1,500<br>5,500<br>1,500<br>5,500<br>1,500  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br><b>337,350</b><br><b>71</b> / fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,550<br>600<br>200<br>780<br>0<br>2,020<br>5,00<br>7,790<br>240<br>2,310<br>2,310<br>2,190<br>4,000<br>530   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>28<br>36<br>41<br>63<br>16<br>34<br>26<br>13<br>19<br>19<br>71<br>45<br>52%<br>61<br>41<br>41<br>40<br>438<br>222   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSumare     tSumare     tSumare     tSumare     tSumare     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBaclowin     tBaclowin     tBaclowin     tBarrow     tBarrow     tBarrow     tBarrow     tBarrow     tBarrow     tBartow     tBarrow     tBartow     tChartlon     Chatham     tChattooga     tChartooga     tChartooga     tChartooga     tChartooga  | 8,500<br>3,200<br>3,200<br>2,900<br>1,100<br>27,700<br><b>862,800</b><br><b>862,800</b><br><b>862,800</b><br><b>968,800</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b>500</b><br><b></b>           | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>7V fan<br>430<br>270<br>770<br>1,410<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>780<br>780<br>780<br>200<br>780<br>780<br>780<br>200<br>2,520<br>5,00<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,190<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,000<br>2,00 | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilices<br>13%<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>16<br>13<br>16<br>16<br>34<br>26<br>13<br>19<br>77<br>16<br>41<br>41<br>45<br>52%<br>61<br>41<br>41<br>45<br>52%<br>61<br>41<br>77<br>38<br>53%<br>77<br>35<br>53%<br>77<br>77<br>35<br>53%<br>77<br>35<br>53%<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>7   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBacon     tBaldwin     tBacon     tBaldwin     tBartow     tBartow     tBartow     tBartow     tBertien     tBibb     tBeckley     tBrantley     tBrooks     tButts     tCaartol     tChattaoosa     tChattaoosa     tChartkonchee     tChattaoosa     tClarke     tClarke     tClarke     tClary     tClinch     Cobb     tCoffee     tColumbia  | 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  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br><b>328,770</b><br>8,580<br><b>337,350</b><br><b>7V' fan</b><br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>300<br>1,550<br>4,600<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>500<br>7,790<br>240<br>500<br>500<br>7,790<br>240<br>500<br>500<br>500<br>500<br>500<br>500<br>500<br>5  | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nilies<br>13%<br>16<br>35<br>28<br>36<br>41<br>16<br>34<br>20<br>28<br>36<br>41<br>16<br>34<br>20<br>27<br>35%<br>61<br>11<br>11<br>11<br>28<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>41<br>16<br>35<br>41<br>16<br>35<br>41<br>16<br>35<br>41<br>16<br>35<br>41<br>16<br>35<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>28<br>36<br>16<br>16<br>34<br>28<br>36<br>16<br>16<br>34<br>28<br>36<br>16<br>16<br>34<br>28<br>36<br>16<br>16<br>38<br>52%<br>52%<br>51%<br>17<br>16<br>41<br>40<br>38<br>27<br>38<br>52%<br>52%<br>51%<br>17<br>16<br>41<br>40<br>38<br>27<br>38<br>38<br>52%<br>52%<br>52%<br>52%<br>51%<br>17<br>16<br>41<br>40<br>38<br>27<br>38<br>38<br>38<br>38<br>38<br>38<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17 | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 99%<br>4%<br>9%<br>milies |
| tSeminole     tSumare     tSumare     tSumare     tSumare     tSumare     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     tAppling     tAtkinson     tBack     tBack     tBack     tBack     tBarrow     tBackley     tBarrow     tChartlon     tChartlon     tChatham     tChattahooche     tChartson     tCharton     tChattooga     tCharton     tChartson     tChartso | 8,500<br>3,200<br>4,400<br>2,900<br>8,2900<br>8,62,800<br>106,000<br>9,68,800<br>9,68,800<br>10,000<br>9,68,800<br>2,200<br>2,200<br>2,200<br>1,700<br>2,200<br>1,500<br>3,300<br>4,100<br>3,300<br>4,100<br>3,300<br>4,100<br>2,200<br>2,200<br>2,200<br>1,500<br>1,500<br>2,300<br>4,100<br>2,300<br>4,100<br>2,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300<br>2,300  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>7V fan<br>430<br>270<br>770<br>1,410<br>1,520<br>4,600<br>670<br>1,520<br>4,600<br>670<br>700<br>1,410<br>540<br>11,959<br>600<br>200<br>780<br>780<br>2,620<br>500<br>2,620<br>500<br>2,500<br>2,310<br>2,190<br>4,000<br>2,950<br>5,400<br>5,500<br>13,780<br>1,010<br>480<br>5,500  | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nulles<br>13%<br>16<br>16<br>35<br>28<br>36<br>41<br>63<br>16<br>16<br>34<br>26<br>11<br>19<br>77<br>16<br>61<br>41<br>40<br>38<br>22<br>23<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     there counties     tAppling     tAtkinson     tBacon     tBacon     tBacon     tBartow     tChartleon     tChattabooche     tCharke     tClary     tClaryton     tColumbia     tCoweta     tCrawford   | 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  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>71V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>300<br>1,410<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>500<br>7,790<br>240<br>500<br>5,400<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>38%<br>8%<br>33%<br>nilices<br>13%<br>13%<br>41<br>63<br>16<br>35<br>28<br>36<br>41<br>16<br>35<br>16<br>16<br>34<br>26<br>13<br>17<br>17<br>21<br>72<br>32   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |
| tSeminole     tSumance     tSumance     tSumance     tTaylor     tUnion     tVolusia     tAppling     tAtkinson     tBackon     tBackon     tBackon     tBackon     tBackon     tBackon     tBackon     tChartkooche     tCharkoosa     tClarke     tCoebb     tCoffee     tColumbia     tCorrol     tCravford     tCrav | 8,500<br>3,200<br>4,400<br>2,900<br>1,100<br>27,700<br>862,800<br>106,000<br>968,800<br>968,800<br>2,000<br>1,700<br>2,200<br>5,100<br>1,500<br>2,200<br>5,100<br>1,500<br>3,300<br>3,5500<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500  | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>71V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>200<br>600<br>200<br>780<br>1,450<br>500<br>7,790<br>240<br>2,310<br>2,190<br>4,860<br>2,500<br>5,500<br>13,780<br>1,010<br>5,500<br>5,500<br>- 350<br>1,470   | 14<br>15<br>20<br>24<br>61<br>11<br>11<br>38%<br>8%<br>35%<br>nulles<br>13%<br>16<br>16<br>35<br>28<br>36<br>41<br>63<br>16<br>16<br>34<br>26<br>11<br>19<br>77<br>16<br>61<br>41<br>40<br>38<br>22<br>23<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>21<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |
| tSeminole     tSummer     tSummer     tSuwannee     tTaylor     tUnion     tVolusia     tWalton     TV counties     other counties     total     GEORGIA     TV counties     there counties     tAppling     tAtkinson     tBacon     tBacon     tBacon     tBartow     tChartleon     tChattabooche     tCharke     tClary     tClaryton     tColumbia     tCoweta     tCrawford   | 8,500<br>3,200<br>4,400<br>2,900<br>8,52,800<br>106,000<br>968,800<br>862,800<br>0<br>668,800<br>968,800<br>2,600<br>1,700<br>2,200<br>5,100<br>1,500<br>3,300<br>4,100<br>4,100<br>3,300<br>3,5,500<br>2,300<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>4,100<br>2,300<br>4,100<br>2,300<br>4,100<br>2,300<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500<br>1,500   | 1,190<br>480<br>880<br>700<br>670<br>3,030<br>440<br>328,770<br>8,580<br>337,350<br>71V fan<br>430<br>270<br>770<br>1,410<br>540<br>1,520<br>4,600<br>670<br>540<br>11,950<br>600<br>200<br>780<br>300<br>1,410<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>600<br>200<br>780<br>540<br>11,950<br>500<br>7,790<br>240<br>500<br>5,400<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>13,780<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500   | 14<br>15<br>20<br>22<br>61<br>11<br>11<br>138%<br>8%<br>8%<br>8%<br>8%<br>138%<br>13%<br>16<br>35%<br>41<br>63<br>16<br>16<br>34<br>26<br>34<br>28<br>36<br>41<br>16<br>33%<br>41<br>41<br>33%<br>41<br>61<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>1   | 350<br>80,340<br>3,970<br>84,310<br>UHF fa | 9%<br>4%<br>9%<br>milies  |

|  |                           | . 2            | 8 4<br>1  |        |     |
|--|---------------------------|----------------|-----------|--------|-----|
| †Dodge   | 4,300                     | 1,120          | 26        |        |     |
| †Dooly<br>†Douglas                               | 3,400<br>3,200            | 1,020<br>1,660 | 30<br>52  | •      | •   |
| <sup>+</sup> Echols                              | 500                       | 180            | 35        | •      |     |
| †Elbert  | 4,800                     | 1,680          | 35        | -      | •   |
| <sup>†</sup> Fannin<br><sup>†</sup> Fayette      | 3,800<br>1,900            | 1,220<br>1,390 | 32<br>73  |        |     |
| Floyd  | 17,500                    | 9,040          | 52 .      |        |     |
| †Forsyth<br>†Franklin                            | 2,900<br>3,600            | 1,130<br>1,300 | 39<br>36  | •      |     |
| Fulton   | 144,600                   | 107,930        | 75        |        |     |
| †Gilmer  | 2,500                     | 980            | 39        |        |     |
| †Glascock<br>†Glynn                              | 600<br>8,900              | 130<br>4,000   | 21<br>45  |        |     |
| <sup>†</sup> Gordon                              | 5,000                     | 3,050          | 61        |        |     |
| †Greene  | 3,200                     | 1,240          | 39        |        |     |
| †Gwinnett<br>†Habersham                          | 8,900<br>4,400            | 3,640<br>1;410 | 41<br>32  |        |     |
| Hall   | 11,200                    | 6,840          | 61        |        |     |
| +Hancock   | 2,400                     | 650            | 27        |        |     |
| †Haralson<br>†Harris                             | 3,900<br>2,800            | 2,460<br>1,320 | 63<br>47  |        |     |
| †Hart  | 3,600                     | 1,300          | 36        | •      | •   |
| <sup>†</sup> Heard                               | 1,400                     | 730            | 52        |        |     |
| <sup>†</sup> Henry                               | 3,900                     | 2,730          | 70        |        |     |
| Houston<br>†Irwin                                | 7,000<br>2,600            | 2,500<br>420   | 36<br>16  | 1,590  | 23  |
| +Jackson   | 4,800                     | 1,970          | 41        |        |     |
| †Jasper<br>†Jeff Davis                           | 1,600<br>2,400            | 590<br>380     | 37<br>16  |        |     |
| †Jefferson                                       | 4,600                     | 910            | 20        |        |     |
| †Johnson   | 2,600                     | 420            | 16        |        |     |
| †Jones<br>†Lamar                                 | 1,600<br>2,500            | 430<br>1,780   | 27<br>71  | •      | •   |
| <sup>†</sup> Lanier                              | 1,300                     | 250            | 19        |        |     |
| <sup>†</sup> Laurens<br><sup>†</sup> Lee         | 7,700<br>1,300            | 2,050<br>390   | 27%<br>30 |        |     |
| <sup>†</sup> Lincoln                             | 1,200                     | 470            | 39        |        |     |
| <sup>†</sup> Long<br><sup>†</sup> Lowndes        | 900<br>11,700             | 120            | 13<br>19  |        |     |
|  |                           |                |           |        |     |
| †Lumpkin<br>†McDuffie                            | 1,500<br>3,100            | 590<br>650     | 39<br>21  |        |     |
| †Macon   | 3,400                     | 1,050          | 31        | •      | •   |
| †Madison<br>†Marion                              | 3,000<br>1,400            | 1,080<br>310   | 36<br>22  |        | •   |
| +Meriwether                                      | 5,200                     | 3,800          | 73        | •      |     |
| †Monroe  | 2,600                     | 1,850          | 71        | •      | ٠   |
| †Morgan<br>†Murray                               | 2,900<br>2,600            | 1,070<br>1,590 | 37<br>61  |        |     |
| †Muscogee  | 35,100                    | 5,600          | 16        | 3,670  | 10% |
| <sup>†</sup> Newton                              | \$,300                    | 3,740          | 71        |        | ,   |
| †Oconee  | 1,600                     | 590<br>900     | 37        |        |     |
| <sup>†</sup> Oglethorpe<br><sup>†</sup> Paulding | 2,300<br>3,000            | 900<br>1,890   | 39<br>63  |        |     |
| †Peach   | 3,100                     | 990            | 32        | •      | •   |
| †Pickens   | 2,300                     | 900            | 39        |        |     |
| †Piercę<br>†Pike                                 | 2,600<br>1,800            | 340<br>1.280   | 13<br>71  | •      | •   |
| †Polk  | 8,200                     | 5,210          | 64        |        |     |
| †Pulaski   | 2,200                     | 570            | 26        |        |     |
| †Putnam<br>†Quitman                              | 1,600<br>800              | 430<br>180     | 27<br>722 | •      | •   |
| †Rabun   | 1,700                     | 540            | 32        |        |     |
| <sup>†</sup> Randolph<br>Richmond                | 3,300<br>40,600           | 750<br>6,330   | 23<br>16  | •      | •   |
|  |                           |                |           |        |     |
| <sup>†</sup> Rockdale<br><sup>†</sup> Schley     | 2,200<br>-70 <del>0</del> | 1,540<br>150   | 70<br>22  | •      | •   |
| †Spalding<br>†Stephens                           | 8,900<br>4,700            | 6,230<br>1,500 | 70<br>32  | . •    | •   |
| †Stephens<br>†Stewart                            | 4,700                     | 1,500<br>480   | 32<br>22  | •      | •   |
| †Sumter  | 6,500                     | 1,970          | 30        | •      | •   |
| †Talbot  | 1,800<br>800              | 850            | 47        |        |     |
| †Talia ferro<br>†Taylor                          | 2,300                     | 310<br>740     | 39<br>32  | •      | •   |
| -†Telfair  | 3,100                     | 500            | 16        |        |     |
| †Terrell   | 3,400                     | 1,020          | 30        | ٠      | •   |
| †Tift<br>†Towns                                  | 6,200<br>900              | 1,060<br>290   | -17<br>32 |        |     |
| Troup  | 14,100                    | 7,640          | 54        |        |     |
| †Turner  | 2,600                     | 470            | 18        |        |     |
| †Twiggs<br>†Union                                | 1,700                     | 270<br>540     | 16<br>32  |        |     |
| tUpson   | 6,600                     | 3,140          | 48        |        |     |
| Walker<br>†Walton                                | 11,200<br>5,200           | 4,800<br>3,640 | 43<br>70  |        |     |
| †Ware  | 8,300                     | 2,870          | 35        |        |     |
| †Warren  | 2,100                     | 440            | 21        |        |     |
| †Washington<br>†Wayne                            | 5,100<br>3,600            | 860<br>440     | 17<br>12  |        |     |
| †Webster   | 008                       | .180           | 22        | •      | ٠   |
| †Wheeler<br>†White                               | 1,300<br>1,400            | 210<br>450     | 16%<br>32 |        |     |
| †Whitfield                                       | 20,100                    | 6,190          | 61        |        |     |
| †Wilcox<br>‡Wilkes                               | 2,500<br>3,100            | 650<br>1,210   | 26<br>39  |        |     |
| +Wilkes<br>†Wilkinson                            | 2,400                     | 380            | 16        |        |     |
| Wilkinson  | 2,400<br>4,500            | 810            | 18        |        |     |
| <b>TV</b> counties                               | 845,000                   | 384,400        | 45%       | 14,720 | 21  |
| other counties                                   | 110,500                   | 5,320          | 5%        |        |     |
| total  | 955,500                   | 389,720        | 41%       | 14,720 | 24  |
|  |                           |                |           |        |     |

| IDAHO  |                    |                          |                      |
|--|--------------------|--------------------------|----------------------|
| TV counties                                    | total families     | TV families              | UHF families         |
| Ada<br>†Bannock                                | 24,700<br>12,700   | 9,010 36%<br>1,440 11    |                      |
| <sup>†</sup> Bear Lake<br><sup>†</sup> Boise   | 1,700              | 190 11                   |                      |
| †Bonner  | 600<br>4,500       | 70 11<br>1,850 41        |                      |
| †Boundary                                      | 1,600              | 660 41                   |                      |
| Canyon<br>†Caribou                             | 17,100<br>2,100    | 3,050 18<br>230 11       |                      |
| †Clearwater<br>†Elmore                         | 2,200<br>2,300     | 330 15<br>370 16         |                      |
| †Franklin                                      | 2,600 ·            | 290 11                   |                      |
| †Gem<br>†Kootenai                              | 2,500<br>8,200     | 270 11<br>3,300 40       |                      |
| †Oneida<br>†Owyhee                             | 1,000<br>1,700     | 110 11<br>290 17         |                      |
| †Payetto                                       | 3,900              | 390 10                   |                      |
| †Power   | 800                | 90 11                    |                      |
| †Shoshone<br>†Washington                       | 7;100<br>2,700     | 1,020 14<br>290 11       |                      |
| TV counties                                    | 100,000            | 23,250 239               |                      |
| other counties<br>total                        | 80,100             | 1,570 29%<br>24,820 149% |                      |
| 10144  | 100,100            | 24,020 2476              | ,                    |
| ILLINOIS                                       |                    |                          |                      |
| TV counties                                    | total families     | TV families              |                      |
| Adams<br>†Alexander                            | 22,000<br>7,000    | 6,370 29%<br>1,210 17    | •                    |
| †Bond  | 4,700              | 2,540 54                 | 710 15%              |
| †Boone<br>†Brown                               | 5,400<br>2,300     | 2,050 38<br>620 27       |                      |
| †Bureau  | 12,200             | 4,950 41                 | • •                  |
| †Calhoun<br>†Carroll                           | 1,700<br>6,400     | 900 53<br>4,860 76       |                      |
| †Cass<br>Champaign                             | 4,700<br>31,200    | 1,690 36<br>4,460 14     | • •                  |
| Champaign                                      | 12,800             | 3,690 29                 | 2,060 16             |
| †Clark<br>†Clay                                | 5,700<br>- 5,600   | 2,000 35<br>1,010 18%    |                      |
| +Clinton                                       | 6,900              | 8,790 55                 | 1,100 15%            |
| Coles  | 13,500             | 3,330 25                 |                      |
| Cook<br>†Crawford                              | 1,465,800<br>7,400 | 2,580 35                 |                      |
| †Cumberland<br>De Kalb                         | 3,300<br>13,000    | 1,160 35<br>7,320 56     |                      |
| †De-Witt                                       | 5,600              | 590 11                   | • •                  |
| <sup>†</sup> Douglas<br>Du Page                | 5,400<br>53,000    | 1,400 26<br>44,930 85    |                      |
| †Edgar<br>†Edwards                             | 8,000<br>3,000     | 2,060 26<br>570 19       |                      |
| †Effingham                                     | 6,700              | 2,610 39                 |                      |
| †Fayette                                       | 7,400              | 2,950 40<br>1.660 32     | •                    |
| †Ford<br>Franklin                              | 5,200<br>16,500    | 3,900 24                 |                      |
| Fulton<br><sup>†</sup> Greene                  | 14,900<br>6,200    | 5,180 35<br>3,240 52     | 2,460 17             |
| †Grundy  | 6,300              | 3,930 62                 |                      |
| <sup>†</sup> Hancock<br><sup>†</sup> Henderson | 8,700<br>2,700     | 3,720 43<br>1,160 43     |                      |
| Henry  | 15,600<br>10,400   | 11,440 73<br>3,400 33    |                      |
| †Iroquois<br>†Jackson                          | . 12,100           | 4,500 37                 | • •                  |
| †Jasper<br>Jefferson                           | 3,900<br>12,000    | 1,370 35<br>3,900 33     |                      |
| †Jersey  | 4,800              | 2,540 53                 | * *                  |
| †Jo Daviess                                    | 6,800<br>47;000    | 2,720 40                 | 950 14               |
| Kane<br>Kankakee                               | 20,100             | 14,370 71                | ·.                   |
| <sup>†</sup> Kendall<br>Knox                   | 3,900<br>18,200    | 2,420 62<br>12,440 68    |                      |
| Lake   | 57,100             | 48,130 84                |                      |
| La Salle<br>†Lawrence                          | 32,000<br>6,700    | 8,190 26<br>1,230 18     | • •                  |
| Lee<br>Livingston                              | 10,100<br>11,400   | 4,870 48<br>2,400 21     | <b>'e e</b> ,        |
| †Logan   | 8,600              | 1,930 22                 | 1,930 22             |
| <sup>†</sup> McDonough<br>McHenry              | 9,400<br>17,400    | 2,480 26<br>11,160 64    |                      |
| McLean   | 24,500<br>34,200   | 5,390 22<br>9,720 28     | 4,080 17<br>7,680 22 |
| Macon<br>Macoupin                              | 14,700             | 6,750 46                 | 22 VUV11<br>0 0      |
| Madison  | 60,900             | 45,000 74                | 7,810 13             |
| Marion<br>†Marshall                            | 13,300<br>4,200    | 5,870 44<br>670 16       | 460 11               |
| †Mason<br>†Menard                              | 5,200<br>3,100     | 1,140 22<br>680 22       | 1,140 22<br>680 22   |
| †Mercer  | . 5,500            | 3,470 63                 |                      |
| <sup>†</sup> Monroe<br>Montgomery              | 4,200<br>11,000    | 2,600 62<br>3,760 34     | 500 12               |
| †Morgan  | 10,100             | 3,640 36                 | 210 17               |
| †Moultrie<br>†Ogle                             | 4,200              | 840 20<br>4,160 38       | 710 17               |
| Peoria   | 56,700             | 25,030 44                | 20,310 36            |
| †Perry<br>†Piatt                               | 7,000<br>4,400     | 2,590 379<br>440 10      | 6 • •                |
| †Pike  | 7,300              | 2,480 34                 |                      |
|  |                    |                          |                      |

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|   |  |   | -  | •              |                     |
|---|--|---|--|----------------|---------------------|
| Pulaski<br>Putnam   | 4,400  | 750   | 17   | 140            | 1100                |
| Randolph  | 1,300<br>8,800   | 210<br>5,430  | 16<br>62                                     | 140<br>1,040   | 11%<br>12           |
| Richland<br>Rock Island   | 5,800<br>43,700  | 1,100<br>34,900   | 19<br>80                                     | •              | •                   |
| St. Clair   | 67,200   | 50,650  | 75   | 13,530         | 20                  |
| Saline  | 11,000   | 1,980   | 18   | •              | •                   |
| Sangamon<br>Schuyler  | 44,300<br>3,300  | 8,090<br>890  | 18<br>27                                     | 7,110          | <b>16</b> -         |
| Scott   | 2,400  | 820   | 34   |                |                     |
| Shelby  | 8,000  | 1,580   | 20   | 1,390          | 17                  |
| Stark<br>Stephenson   | 2,800<br>13,600  | 1,120<br>5,400  | 40<br>40                                     | •<br>1,960     | • 14                |
| Tazewell  | 26,100   | 13,520  | 52   | 12,880         | 49                  |
| Union.  | 5,600  | 950   | 17   |                |                     |
| Vermilion<br>Wabash   | 28,100<br>4,800  | 5,610<br>910  | 20<br>19                                     | •              |                     |
| Warren  | 7,200  | 4,530   | 63   |                |                     |
| Washington<br>Wayne   | 4,700<br>6,700   | 2,540<br>1,220  | 54<br>18                                     | 710            | 15                  |
| Whiteside   | 16,300   | 12,500  | 77   |                |                     |
| Will  | 42,300   | 33,670  | 80   |                |                     |
| Williamson<br>Winnebago   | 16,300<br>52,300   | 3,820<br>25,890   | 23<br>50                                     | 21,870         | 42                  |
| Woodford  | 6,800  | 1,080   | 16   | 700            | n                   |
| TV counties   | 2,804,000  | 1,861,010   | • -  | 122,700        | 4%                  |
| other counties<br>total   | 24,700   | 1,380   | 6%<br>66%                                    | 122,700        | 4%                  |
| 10121   | 2,020,100  | 1,002,370   | 0078   | 122,100        | 70                  |
| INDIANA   |  |   |  |                |                     |
|   | total families   | TV fa   |  | UHF fa         |                     |
| Adams<br>Allen  | 6,900<br>61,500  | 1,700<br>13,870   | 25%<br>23                                    | 750            | 11%                 |
| Bartholomew   | 14,200   | 10,220<br>2,280   | 72<br>65                                     |                |                     |
| Benton<br>Blackford   | 3,500<br>4,500   | 2,280   | 65<br>25                                     | 500            | 11                  |
| Boone   | 8,300  | 5,810   | 70   |                |                     |
| Brown   | 1,500  | 830   | 55   | 200            | 11                  |
| Carroll .<br>Cass   | 5,400<br>12,100  | 2,970<br>5,760  | 55<br>48                                     | 590            | . 11                |
| Clark   | 17,000   | 12,930  | 76   | 3,010          | 18                  |
| Clay<br>Clinton   | 8,100  | 2,740   | 34<br>70                                     |                |                     |
| Clinton<br>Crawford   | 10,000<br>2,800  | 6,960<br>1,180  | 70<br>42                                     |                |                     |
| Daviess<br>Dearborn   | 8,300<br>8,000   | 4,770<br>4,640  | 57<br>58                                     |                | •                   |
|   |  |   |  |                |                     |
| Decatur<br>DeKalb   | 5,700<br>8,600   | 3,360<br>2,680  | 59<br>31                                     |                |                     |
| Delaware  | 30,700   | 21,830  | 71   | 8,240          | 27                  |
| Dubois<br>Elkhart   | 6,900<br>28,500  | 2,350<br>13,610   | 34%<br>48                                    | °6,760         | 24%                 |
| Fayette   | 7,600  | 3,860   |  |                | 2970                |
| Floyd   | 15,000   | 13,050  | 87   | 2,040          | 14                  |
| Fountain<br>Franklin  | 6,100<br>4,500   | 2,380<br>2,300  | 39<br>51                                     | •              | ٠                   |
| Fulton  | 5,500  | 2,970   | 51<br>54                                     | 2,040          | 37                  |
| Gibson  | 10,000   | 2,720   | 27   | 1,610          | 16                  |
| Grant<br>Greene   | 20,200<br>9,300  | 12,460<br>4,620   | 62<br>50                                     | •              |                     |
| Hamilton  | 9,600  | 6,700   | 70   |                |                     |
| Hancock   | 7,100  | 4,970   | 70   | •              | •                   |
| Harrison<br>Hendricks   | 5,300  | 2,240   | 42   |                |                     |
| Henry   | 8,200<br>14,500  | 6,560<br>8,750  | 80<br>60                                     |                | ۹                   |
| Howard<br>Huntington  | 18,300   | 12,090  | 66   |                |                     |
|   | 9,000  | 1,250   | 12   |                | -                   |
| Jackson<br>Jasper   | 5,300  | 4,990<br>3,440  | 55<br>65                                     |                |                     |
| Jay   | 7,700  | 1,910   | 25   | 810            | 11                  |
| Jefferson<br>Jennings   | 6,400<br>4,100   | 3,760<br>2,420  | 59<br>59                                     |                |                     |
| Johnson   | 8,700  | 6,950   | 80   |                |                     |
| Knox<br>Kosciusko   | 14,100   | 9,120   | 65   | 3.030          |                     |
| LaGrange  | 11,100<br>4,500  | 5,560<br>2,160  | 50<br>48                                     | 1,610<br>1,080 | 15<br>24            |
| Lake  | 116,800  | 111,910   | 96   |                | -                   |
| LaPorte<br>Lawrence   | 25,000   | 19,740  | 79<br>57                                     | ٠              | ٠                   |
| Madison   | 10,800<br>35,300   | 6,160<br>28,560   | 57<br>81                                     | 4,920          | 14                  |
| Marion  | 188,800  | 156,590   | 83   |                |                     |
| Marshall<br>Mastin  | 9,700  | 5,170   | 53   | 3,640          | 37                  |
| Martin  | · 3,300<br>9,400   | 1,620<br>2,730  | 49<br>29                                     |                |                     |
| Miami   | -1.00  | 8,310   | 58   |                |                     |
| Monroe .  | 14,300   |   | 73   | •.,            | •                   |
| Monroe .<br>Montgomery  | 9,800  | 7,190<br>6.320  |  | -              | -                   |
| Monroe .<br>Montgomery<br>Morgan  | 9,800<br>7,900   | 6,320   | 80   |                |                     |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble   | 9,800<br>7,900<br>3,600<br>8,200   |   | 65<br>49                                     | 1,570          | 19                  |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio                                     | 9,800<br>7,900<br>3,600<br>8,200<br>1,300  | 6,320<br>2,340<br>3,980<br>770  | 65<br>49<br>59                               | 1,570          | 19                  |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio<br>Orange                           | 9,800<br>7,900<br>3,600<br>8,200   | 6,320<br>2,340<br>3,980   | 65<br>49                                     | 1,570          | 19                  |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio<br>Orange<br>Owen<br>Parke          | 9,800<br>7,900<br>3,600<br>8,200<br>1,300<br>5,200                               | 6,320<br>2,340<br>3,980<br>770<br>2,180                                     | 65<br>49<br>59<br>42                         | 1,570          | 29<br>              |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio<br>Orange<br>Owen<br>Parke<br>Perry | 9,800<br>7,900<br>3,600<br>8,200<br>1,300<br>5,200<br>3,800<br>4,900<br>1; 5,200 | 6,320<br>2,340<br>3,990<br>770<br>2,180<br>1,860<br>1,910<br>2,180          | 65<br>49<br>59<br>42<br>49<br>39<br>42       | 1,570          | 19<br>              |
| Monroe .<br>Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio<br>Orange<br>Owen<br>Parke<br>Perry | 9,800<br>7,900<br>3,600<br>8,200<br>1,300<br>5,200<br>3,800<br>4,900             | 6,320<br>2,340<br>3,990<br>770<br>2,180<br>1,860<br>1,910                   | 65<br>49<br>59<br>42<br>49<br>39             | 1,570          | 29<br>7<br>79<br>79 |
| Montgomery<br>Morgan<br>Newton<br>Noble<br>Ohio<br>Orange<br>Owen<br>Parke<br>Perry<br>Pike     | 9,800<br>7,900<br>8,200<br>1,300<br>5,200<br>3,800<br>4,900<br>5,200<br>4,600    | 6,320<br>2,340<br>3,990<br>770<br>2,180<br>1,660<br>1,910<br>2,180<br>2,676 | 65<br>49<br>59<br>42<br>49<br>39<br>42<br>58 | 1,570          | -<br>               |

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| 9,200<br>6,000<br>6,200<br>67,600<br>4,000<br>9,600<br>4,600<br>5,100 | 5,980<br>3,540<br>-3,680<br>39,250<br>2,320   | 65<br>59<br>59   | •   | •  |
|---|---|--|---|--|
| 67,600<br>4,000<br>9,600<br>4,600                                     | 39,250  | 6.5  |   |  |
| 9,600<br>4,600  |   | 58<br>58   | 27,870  | 41   |
|   | 6,640   | 69   | •   | •  |
|   | 1,560<br>4,030  | 34%<br>79  | . •   | •  |
| 5,700   | 1,770   | 31<br>49   |   |  |
| 7,900<br>2,200  | 3,910<br>1,300  | 59   |   |  |
| 23,000 4,900  | 9,170<br>3,430  | 40<br>70   | 5,430   | 24%  |
| 1,900   | 970   | 51   |   |  |
| 54.900<br>7,200   | <u>1</u> 5,750<br>2,800   | 29<br>39   | 13,860  | 25<br>•  |
| 35,800<br>9,600   | 24,790<br>2.760   | 69<br>29   |   |  |
| 2,800   | 1,090   | 39   | •   | •  |
| 7,000<br>5,200  | 2,340<br>3,020  | 33<br>58   | •   | •  |
| 22,300  | 14,500  | 65   | •   | •  |
|   | 3,280   | 54   | '730  | 11   |
| 6,400   | 3,070   | 48   | 1,220   | 19   |
|   |   |  |   | 8%   |
| 1,294,700   | 799,700   | 02%  | 97,490  | 8%   |
|   |   |  |   |  |
| total familia   | ምሆ ዶ  | milian   | 11121   | miller   |
| 4,000   | 1;920   | 48%  | UNE Ja  | ******   |
| 2,800   | 1,340   | 48   |   |  |
| 6,300   | 1,390   | 22   |   |  |
|   |   |  |   |  |
| 33,000  | 11,680  | 35   |   |  |
| 5,800   | 1,280   | 22   |   |  |
|   |   |  |   |  |
| 5,500   | 1,270   | 23   |   |  |
| 5,400<br>6,600  | 1,370<br><b>3,360</b>   | 25<br>51   | •   | •  |
| 6,300   | 3,810   |  |   |  |
| 14,600  | 5,750   | 39   |   |  |
| 5,300<br>4,500  | 1,220<br>630  | 23<br>14   |   |  |
| 3,100   |   | 20.  |   |  |
| 6,800   | 780   | 11   |   |  |
| 15,900<br>5,700   | 11,990<br>2,960   | 75<br>52   |   |  |
| 7,800   | 4,820   | 62   | *   | •  |
| 3,100<br>3,800  | 650<br>760  | 20   |   |  |
| 5,200<br>14,300   | 2,810<br>9,620  | 54<br>67%  |   |  |
| 4,000   | 680   | 17   |   |  |
| 20,100<br>· 4,300   | 8,050<br>770  | 40<br>18   |   |  |
| 8,500<br>6,900  | 1,300<br>880  | 15<br>13   |   |  |
| 5,200   | 2,810   | 54   |   |  |
| 3,700<br>4,900  | 2,590<br>2,890  | 70<br>59   |   | -  |
| 4,400   | 2,070   | 47   |   |  |
| 6,400   | 4,420   | 69   | •   | *  |
| 4,500<br>+ 7,500  | 1,540<br>5,110  | 34<br>68   | *   | *  |
| 5,800   | 3,690   | 64   |   |  |
| 3,900   | 550   | 35<br>14   | •   | •  |
| 4,100   | 900<br>760  | 24<br>23   | · •   | •  |
| 4,900   | 1,570   | 32   |   |  |
| 5,700<br>10,200   | 4,330<br>6,050  | 76<br>59   |   |  |
| 5,100   | 1,730   | 34<br>49   |   | ·  |
| 5,800   | 3,160   | 54   |   | к<br>.12   |
| 5,600 <sup>.</sup><br>7,500   | 1,790<br>1,430  | 32<br>19   |   |  |
| 13,600  | 2,160   | 16   |   |  |
| 35,300<br>3,400   | 19,670 .<br>2,520   | 56<br>74   |   |  |
| 3,900   | 780   | 20   |   |  |
| 4,300   | 2,410   | 56   | ÷   | •  |
| 8,100<br>7,700  | 2,250<br>4,540  | 28<br>59   |   | 2  |
| 11,200  | 6,320   | 56   |   |  |
|   | 7,200<br>35,500<br>9,600<br>7,000<br>5,200<br>22,300<br>6,500<br>6,100<br>6,400<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>1,294,700<br>5,400<br>6,300<br>3,500<br>5,400<br>6,600<br>6,300<br>5,400<br>6,300<br>5,400<br>6,300<br>5,400<br>6,300<br>5,400<br>14,500<br>5,400<br>6,300<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,400<br>14,500<br>5,700<br>14,500<br>5,200<br>14,300<br>4,000<br>4,000<br>4,000<br>14,500<br>5,200<br>14,300<br>4,000<br>4,000<br>14,500<br>5,200<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300<br>14,300 | 7,200         2,800           35,800         2,760           9,600         2,760           2,800         1,090           7,000         2,340           5,200         3,120           22,300         14,500           6,100         3,280           6,400         3,070           1,294,700         799,700           1,294,700         799,700           1,294,700         799,700           2,800         1,340           4,000         1,920           2,800         1,340           4,700         560           6,100         2,840           3,500         1,820           7,200         2,840           3,500         1,280           6,100         2,440           7,700         2,840           3,500         1,280           6,100         2,440           7,700         2,840           3,500         1,280           6,100         2,440           7,100         1,710           5,500         1,270           5,600         1,800           5,600         1,800 | 7,200         2,800         39           35,800         24,790         69           9,600         2,760         29           2,800         1,090         39           7,000         2,340         33           5,200         3,020         58           22,300         14,500         65           6,400         3,070         48           1,294,700         799,700         6276           1,294,700         799,700         6276           1,294,700         799,700         6276           1,294,700         799,700         6276           1,294,700         799,700         6276           2,800         1,340         48           4,700         560         12'           6,300         1,280         52           7,200         2,840         39           33,000         1,820         52           6,100         2,440         40           7,100         1,710         24           5,500         1,270         23           5,400         4,000         760           7,800         4,820         62           3,100 | 7,200         2,800         39         *           35,800         24,790         69         9           9,600         2,760         29           2,800         1,090         39         *           7,000         2,340         33         *           5,200         3,020         58         *           2,2300         14,500         65         *           6,100         3,280         54         730           6,400         3,070         48         1,220           1,294,700         799,700         62.9%         97,490           1,294,700         799,700         62.9%         97,490           1,294,700         799,700         62.9%         97,490           1,294,700         799,700         62.9%         97,490           1,294,700         799,700         62.9%         97,490           1,290         3,300         1,340         48         4.00           4,700         5,00         1,340         48         5.00           5,000         1,280         22         6.100         2.440         0           7,100         1,710         24         5.500         1.1 |

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†Wabaunsee †Washington 8,600 2,200

4,200

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TELECASTING 63 21 70 74 †Monona 5.000 3.150 <sup>†</sup>Monroe <sup>†</sup>Montgomery 3,400 5,300 710 3,710 †Muscatine 10.600 7,880 †O'Brien 6,100 1,010 17 17 70 18 32 3,000 7,300 510 5,130 <sup>1</sup>Osceola <sup>1</sup>Page <sup>†</sup>Palo Alto 4,500 6,800 810 2,180 †Plymouth 4,600 77,000 1,100 56,140 <sup>†</sup>Pocahontas 24 73 63 28 48 BROADCASTING Polk 21,900 5,800 Pottawattamie 13,870 1,620 1,540 <sup>†</sup>Poweshiek <sup>†</sup>Ringgold 3,200 1Sac Scott 1Shelby 5,500 32,700 1,270 27,030 23 83 61 31% 2,810 61 2,300 319 8,420 64 4,600 7,500 1Sioux 13.100 Story †Tama 7,000 3,300 47 48 48 34 14 1,920 2,470 <sup>†</sup>Taylor 4,000 5,100 Union 1,260 2,100 <sup>1</sup>Van Buren 3,700 15,400 Wapello †Warren 3,090 56 5,500 †Washington 6,400 3,900 2,040 750 32 Wayne 19 66 35 14.000 4,000 9,210 1,400 Webster 1Winnebago <sup>†</sup>Winneshiek 6,300 950 15 62 35 54 Woodbury 34,600 3,300 21,380 1,160 1Worth <sup>†</sup>Wright 6,400 3.440 TV counties 826,700 399,770 48% 3,990 826,700 399,770 48% 3,990 total KANSAS UHF families TV counties total families TV families 14% 14 51 <sup>†</sup>Allen 6.300 860 3,400 6,800 480 3,480 Anderson <sup>†</sup>Atchison 560 2,850 1Barber 2,800 20 28 Barton 10,100 <sup>†</sup>Bourbon 6,800 1,650 24 <sup>†</sup>Brown <sup>†</sup>Butler 5,200 11,400 2,700 3,340 52 29 18 16 3,130 17 27% †Chase †Chautauqua 1.400 2,400 250 380 8,800 4,000 †Cherokee 850 10 11 14 20 17 440 450 †Clay †Coffey 3,200 1Comanche 1,300 260 Cowley 12,400 2.070 1.490 680 Crawford 15,300 10 7.100 †Dickínson 10 3,200 10,900 1.660 4,920 52 45 20 1Doniphan †Douglas <sup>†</sup>Edwards 2,100 420 340 360 2,640 680 700 †Elk 2.100 2.600 16 14 39 10 16 <sup>†</sup>Ellsworth 6.700 7,100 †Franklin Geary †Green wood 4.400 †Harpeř 3,300 590 28 <sup>†</sup>Harvey <sup>†</sup>Jackson 7,000 2,100 1,920 30 52 1,890 27 †Jefferson Johnson 1,620 25,600 45 91 3.600 28,100 2,850 10 590 300 <sup>†</sup>Kingman 3,300 18 1.500 †Kiowa 20 990 8,340 250 10,400 †Labette 10% 12,000 Leavenworth 70 14 †Lincoln †Linn 3,600 1,760 49 <sup>†</sup>Lyon <sup>†</sup>McPherson 1,680 - 1,480 19 19 8,800 7,900 †Marion. †Marshall 5,200 6,000 940 840 18 14 †Miami 6,300 3,080 49 17 10 15 25 2.900 260 660 1,700 Montgomer Morris 16,900 2,600 <sup>†</sup>Nemaha <sup>†</sup>Neosho 4,400 6,800 1,600 340 600 570 840 1Osage 4,100 39 14. 20 15 20 1954 †Ottawa †Pawnee 2,400 3,000 +Pottawatomie 3,800 4,100 1 †Pratt 7,110 1,480 1,040 March 18,600 38 28 10 14 40 Reno <sup>†</sup>Rice 5,300 †Riley 10,100 †Saline 11,600 1,630 Sedgwick 94,200 37,270 35,310 37% 19,790 560 1,580 420 39.000 2,800 Shawnee 51 20 18 19 11

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| tWilson  | 4,900  | 760   | 16  |                            |        |
|--|--|---|---|----------------------------|--------|
| †Woodson<br>Wyandotte  | 2,200<br>55,400  | 310<br>41,180   | 14<br>74  | •                          | ٠      |
| TV counties  | 567,500  | 209,650   | 37%   | 50,570                     | 9%     |
| other counties   | 94,900   | 2,950   | 3%  |                            |        |
| total  | 662.400  | 212,600   | 32%.  | 50,570                     | 8%     |
| KENTUCKY   |  |   |   |                            |        |
| TV counties i  | otal families  | TV fai  | nílies  | UHF fai                    | nilies |
| †Adair   | 4,500  | 1,640   | 36%   |                            |        |
| †Allen<br>†Anderson  | 4,000<br>2,600   | 1,440<br>1,170  | 36<br>45  | •                          |        |
| †Barren<br>†Bath   | 8,500<br>2,800   | 2,760<br>310  | 32<br>11  |                            |        |
| Bell   | 11,400   | 1,110   | 10  |                            |        |
| <sup>†</sup> Boone   | 4,000  | 2,560   | 64  |                            |        |
| †Bourbon<br>Boyd   | 5,200<br>14,400  | 2,210<br>9,690  | 43<br>67  |                            |        |
| †Boyle   | 5,700  | 1,990   | 35  |                            |        |
| <sup>†</sup> Bracken<br><sup>1</sup> Breckinridge  | 2,600-<br>4,200  | 1,090<br>2,020  | 42<br>48  |                            |        |
| <sup>1</sup> Bullitt   | 3,400  | 2,520   | 74<br>25  | :                          | •      |
| †Butler<br>†Caldwell   | 2,600<br>4,000   | 650<br>720  | 18  | 600                        | 15%    |
| <sup>†</sup> Calloway<br>Campbell  | 6,100<br>23,800  | 1,810<br>21,130   | 30%<br>89   |                            |        |
| <sup>†</sup> Carroll   | 2,600  | 1,660   | 64  |                            |        |
| <sup>†</sup> Carter<br><sup>†</sup> Casey  | 5,300<br>4,100   | 2,540<br>1,520  | <b>48</b><br>37   |                            |        |
| Christian  | 11,500   | 4,720   | 41  |                            |        |
| <sup>1</sup> Clark<br><sup>†</sup> Clinton   | 5,600<br>2,700   | 1,310<br>490  | 23<br>18  |                            |        |
| <sup>†</sup> Crittenden<br><sup>†</sup> Cumberland   | 3,200  | 580   | 18  | 480                        | 15%    |
| Daviess  | 2,200  | 400   | 18  |                            |        |
| <sup>†</sup> Edmonson  | 16,700<br>2,300  | 8,330   | 50<br>27  | 4,530                      | 27     |
| <sup>†</sup> Elliott<br><sup>(</sup> Estill  | 1,300<br>3,600   | 620<br>830  | 48<br>23  |                            |        |
| Fayette  | 29,800   | 6,370   | 21  |                            |        |
| <sup>†</sup> Fleming   | 3,500  | 940   | 27  |                            |        |
| Floyd<br>†Franklin   | 12.000<br>7.900  | 5,650<br>3,150  | 47<br>40  | •                          | •      |
| <sup>†</sup> Gallatin<br><sup>†</sup> Garrard  | 1,200  | 770   | 64  |                            |        |
| †Grant   | 3,100  | 1,120   | 36  |                            |        |
| <sup>1</sup> Grayson   | 3,000<br>4,700   | 1.920<br>1,290  | 64<br>27  |                            |        |
| <sup>†</sup> Green<br><sup>†</sup> Greenup   | 3,300<br>6,400   | 1,220<br>3,000  | 37<br>47  |                            |        |
| †Hancock   | 1,500  | 380   | 25  | •                          | ٠      |
| †Hardin<br>†Harlan   | 11.400   | 5,420   | 48  |                            |        |
| <sup>1</sup> Harrison  | 16,800<br>4,100  | 3,500<br>1,720  | 21<br>42  |                            |        |
| †Hart<br>†Henderson  | 4,400<br>10,100  | 1,190<br>1,900  | 27<br>19  | 1,560                      | 15     |
| Henry  | 3,400  | 1,390   | 41  | •                          | •      |
| Hopkins  | 11,600   | 1,360   | 12  |                            | . •    |
| Jefferson<br>†Jessamine  | 152,900<br>3.600   | 123.510<br>1,300  | .81<br>36   |                            | •      |
| †Johnson   | 5,800  | 2,340   | 40  | 01 A                       |        |
| Kenton<br>†Knott   | 33,900<br>4,100  | 28,450<br>410   | 84<br>10  |                            |        |
| <sup>†</sup> Larue   | 2,700  | 1,220   | 45  |                            |        |
| †Lawrence<br>†Lee  | 3,500<br>1,800   | 1,680<br>200  | 48<br>11  |                            |        |
| †Leslie  | 3,200  | 320   | 10  |                            |        |
| <sup>†</sup> Letcher<br><sup>†</sup> Lewis   | 9,000<br>3,200   | 910<br>830  | 10<br>26  |                            |        |
| <sup>†</sup> Lincoln<br><sup>†</sup> Livingston  | 4,900<br>2,300   | 1,760<br>410  | 36<br>18  | 350                        | 15     |
| <sup>†</sup> Logan   | - 6,400  | 2,340   | 37  | •                          |        |
| tLyon  | 1,400  | 410   | 29  |                            |        |
| McCracken<br><sup>†</sup> McLean   | 28,600<br>2,800  | 4,940<br>700  | 17<br>25  | •                          | •-     |
| <sup>†</sup> Magoffin  | 2,700  | 1,110   | 41  |                            |        |
| <sup>†</sup> Marion  | 4,200  | 1,860<br>1,220  | 44<br>29  |                            |        |
| †Marshall  | 4.200  |   |   |                            |        |
| †Marshall<br>†Martin<br>†Marca   | 4,200<br>2,500   | 1,030   | 41  |                            |        |
| †Martin<br>†Mason<br>†Meade  |  | 1,030<br>2,190<br>1,340   | 41<br>41<br>48  | د به چ <sup>1</sup>        |        |
| <sup>†</sup> Martin<br>†Mason<br>†Meade<br>†Menif <del>ce</del>  | 2,500<br>5,400<br>2,800<br>1,000   | 1,030<br>2,190<br>1,340<br>110  | 41<br>41<br>48<br>11%   | ्र<br>** के जु             |        |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe  | 2,500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700   | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860  | 41<br>41<br>48<br>11%<br>36<br>32   | ्<br>*** है.<br>*          |        |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br><sup>†</sup> Metcalfe<br><sup>†</sup> Monroe.  | 2,500<br>5,400<br>2,800<br>1,000<br>4,500  | 1,030<br>2,190<br>1,340<br>110<br>1,620   | 41<br>41<br>48<br>11%<br>36   |                            | -      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br><sup>†</sup> Metcalfe<br><sup>†</sup> Monroe.<br><sup>†</sup> Monrogomery  | 2.500<br>5.400<br>2,800<br>1.000<br>4,500<br>2,700<br>3,600  | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>1,250   | 41<br>41<br>48<br>11%<br>36<br>32<br>32   | بي<br>د ب ج ع              | -      |
| <sup>†</sup> Martin<br>†Mason<br>†Meade<br>†Menice<br>†Mercer<br>†Mercer<br>†Monroe.<br>†Monroo.<br>†Mongan<br>†Muhlenberg   | 2.500<br>5,400<br>2,800<br>4,500<br>2,700<br>3,600<br>3,800<br>3,200<br>8,500  | 1,030<br>2,190<br>1,340<br>110<br>2,620<br>860<br>1,150<br>870<br>330<br>2,110  | 41<br>41<br>48<br>11%<br>36<br>32<br>32<br>23<br>10<br>25   |                            | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Monroe.<br><sup>†</sup> Montgomery<br><sup>†</sup> Morgan<br><sup>†</sup> Molenberg<br><sup>†</sup> Nelson<br><sup>†</sup> Nicholas  | 2.500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,800<br>3,800<br>3,200<br>8,500<br>5,000<br>2,200  | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>1,150<br>870<br>330<br>2,110<br>3,690<br>920  | 41<br>48<br>11%<br>36<br>32<br>23<br>23<br>10<br>25<br>74<br>42   | بر<br>بریکی<br>بیکی<br>بیک | •      |
| <sup>†</sup> Martin<br>†Mason<br>†Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br>†Morroe.<br>†Morgan<br>†Morgan<br>†Molenberg<br>†Nelson<br>†Nicholas<br>†Ohio  | 2.500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,800<br>3,800<br>3,200<br>8,500<br>5,000<br>2,200<br>5,600                                     | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>1,150<br>870<br>330<br>2,110<br>3,690<br>920<br>1,360   | 41<br>48<br>11%<br>36<br>32<br>23<br>10<br>25<br>74<br>42<br>24   | •                          | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Merice<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Montgomery<br><sup>†</sup> Montgomery<br><sup>†</sup> Montgomery<br><sup>†</sup> Molenberg<br><sup>†</sup> Nicholas<br><sup>†</sup> Nicholas<br><sup>†</sup> Ohio<br><sup>†</sup> Oldham  | 2,500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,800<br>3,200<br>8,500<br>5,000<br>2,200<br>5,600  | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>1,150<br>870<br>330<br>2,110<br>3,690<br>920  | 41<br>48<br>11%<br>36<br>32<br>23<br>23<br>10<br>25<br>74<br>42   | •                          | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meade<br><sup>†</sup> Menifee<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Montgomery<br><sup>†</sup> Montgomery<br><sup>†</sup> Morgan<br><sup>†</sup> Muhlenberg<br><sup>†</sup> Melson<br><sup>†</sup> Nicholas<br><sup>†</sup> Ohio<br><sup>†</sup> Oldham<br><sup>†</sup> Oudham<br><sup>†</sup> Oudham  | 2.500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,800<br>3,200<br>8,500<br>5,000<br>2,200<br>5,600<br>2,200<br>5,600<br>2,200<br>3,000<br>3,000 | 1,030<br>2,190<br>1,340<br>1,1620<br>8660<br>1,150<br>870<br>330<br>2,110<br>3,690<br>920<br>1,360<br>1,369<br>1,360<br>1,360<br>2,120  | 41<br>48<br>11%<br>36<br>32<br>32<br>23<br>10<br>25<br>74<br>42<br>24<br>41<br>64<br>42                   | •                          | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Menice<br><sup>†</sup> Merice<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Mongomery<br><sup>†</sup> Mongomery<br><sup>†</sup> Morgan<br><sup>†</sup> Muhlenberg<br><sup>†</sup> Nelson<br><sup>†</sup> Nicholas<br><sup>†</sup> Ohio<br><sup>†</sup> Oldham<br><sup>†</sup> Owen   | 2,500<br>5,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,800<br>3,200<br>8,500<br>5,500<br>2,200<br>5,560<br>2,700<br>3,000                            | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>1,150<br>870<br>330<br>2,110<br>3,690<br>920<br>1,360<br>1,110<br>1,920   | 41<br>41<br>48<br>11%<br>36<br>32<br>32<br>23<br>10<br>25<br>74<br>42<br>24<br>41<br>64                   | •                          | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meason<br><sup>†</sup> Mercer<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Montgomery<br><sup>†</sup> Montgomery<br><sup>†</sup> Montgomery<br><sup>†</sup> Molenberg<br><sup>†</sup> Mublenberg<br><sup>†</sup> Nicholas<br><sup>†</sup> Oldham<br><sup>†</sup> Oldham<br><sup>†</sup> Oldham<br><sup>†</sup> Pendleton<br><sup>‡</sup> Perdleton<br><sup>†</sup> Perdleton<br><sup>†</sup> Powell | 2,500<br>3,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,200<br>8,500<br>5,000<br>2,200<br>5,600<br>2,700<br>3,000<br>1,0100<br>18,900<br>1,400        | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>860<br>2,110<br>3,670<br>2,110<br>3,670<br>920<br>1,360<br>1,110<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920<br>1,920  | 41<br>41<br>48<br>11%<br>36<br>32<br>23<br>10<br>25<br>74<br>42<br>24<br>41<br>64<br>42<br>10<br>44<br>23 | •                          | •      |
| <sup>†</sup> Martin<br><sup>†</sup> Mason<br><sup>†</sup> Meason<br><sup>†</sup> Mercer<br><sup>†</sup> Mercer<br><sup>†</sup> Mercalfe<br><sup>†</sup> Morgan<br><sup>†</sup> Morgan<br><sup>†</sup> Molson<br><sup>†</sup> Molson<br><sup>†</sup> Nicholas<br><sup>†</sup> Oldham<br><sup>†</sup> Oudham<br><sup>†</sup> Oudham<br><sup>†</sup> Oudham<br><sup>†</sup> Pendleton<br><sup>†</sup> Pery<br>Pike  | 2,500<br>3,400<br>2,800<br>1,000<br>4,500<br>2,700<br>3,600<br>3,200<br>8,500<br>2,200<br>5,600<br>2,200<br>5,600<br>2,700<br>3,000<br>10,100<br>18,900        | 1,030<br>2,190<br>1,340<br>110<br>1,620<br>8660<br>870<br>3,300<br>2,110<br>3,690<br>1,360<br>1,360<br>1,360<br>1,360<br>1,360<br>1,920<br>1,360<br>1,920<br>1,260<br>1,920<br>1,260<br>1,920<br>1,260<br>1,920<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940<br>1,940 | 41<br>48<br>11%<br>36<br>32<br>23<br>10<br>25<br>74<br>42<br>24<br>41-<br>64<br>42<br>10<br>44            | •                          | •      |

|  |                    |                  | 1        |         |          |
|--|--------------------|------------------|----------|---------|----------|
| 1Scott                                 | 4,500              | 1,940            | 43       |         |          |
| †Shelby                                | , 5,100            | 2,090            | 41       | •       | •        |
| †Simpson                               | 3,500              | 1,260            | 36       |         |          |
| †Spencer                               | 1,400              | 1.040            | 74       | •       | •        |
| <sup>†</sup> Taylor                    | 4,100              | 1,520            | 37       |         |          |
| *Todd                                  | 3,700              | 1,330            | 36       |         |          |
| †Trigg                                 | 2,300              | 670              | 29       |         |          |
| <sup>1</sup> Trimble                   | 1,500              | 620              | 41       |         | •        |
| <sup>†</sup> Union                     | 4,100              | 740              | 18-      | 620     | 15%      |
| Warren                                 | 12,700             | 4,140            | 33       |         |          |
| †Washington                            | 3,300              | 1,490            | 45       |         | e        |
| †Wayne                                 | 4,000              | 710              | 18       |         |          |
| †Webster                               | 4,600              | 830              | 18       | 690     | 15       |
| †Wolfe                                 | 1,400              | 150              | 11       | 1.1     |          |
| †Woodford                              | 3,400              | 1,460            | 43       |         |          |
| TV counties                            | 747,300            | 349,950          | 47%      | 23,500  | 39       |
| other counties                         | 82,800             | 4,160            | 5%       |         |          |
| total                                  | 830,100            | 354,110          | 43%      | 23,500  | 39       |
| LOUISIANA                              |                    |                  |          |         |          |
| LUUISIANA                              |                    |                  |          |         |          |
| TV counties to                         | al families        | TV fa            | milies   | UHF fa  | milie    |
| Acadia                                 | 12,900             |                  | 13%      |         | ٠        |
| †Allen                                 | 5,400              | 650              | 12       |         |          |
| <sup>†</sup> Ascension                 | 6,100              | 1,680            | 28       | •       | •        |
| Assumption                             | . 4,300            | 1,380            | 32       |         |          |
| Avoyelles                              | 10,500             | 1,410            | 13       |         |          |
| <sup>†</sup> Beauregard                | 5,300              | 800              | 15       |         |          |
| †Bienville                             | 4,700              | 610              | 13       | •       | •        |
| Calcasieu                              | 30,500             | 4,700            | 15       | •       | •        |
| <sup>†</sup> Caldwell                  | 2,800              | 390              | 14       | · •     | •        |
| *Cameron                               | 1,200              | 130              | 11       |         |          |
| <sup>†</sup> Catahoula                 | 3,000              | 420              | 14       | •       | •        |
| †Claiborne                             | 6,500              | 980              | 15       |         |          |
| †Concordia                             | 4,000              | 580              | 15       | •       | •        |
| E. Baton Rouge                         | 54,700             | 17,350           | 32%      | 14,580  | 279      |
| *East Carroll                          | 4,200              | 1,390            | 33       | •       | •        |
| †Evangeline                            | 9,000              | 1,080            | 12       |         |          |
| <sup>†</sup> Franklin                  | 7,300              | 1,340            | 18       |         |          |
| †Grant                                 | 3,700              | 520              | 14       |         |          |
| Iberia                                 | 11.100             | 2,150            | 19       |         |          |
| †Iberville                             | 7,300              | 730              | 10       |         |          |
| <sup>†</sup> Jackson                   | 3,900              | 510              | 13       |         | ٠        |
| Jefferson                              | 39.200             | 30,510           | 78       | •       | •        |
| <sup>†</sup> Jeff Davis                | 7,400              | 820              | 11       | •       | •        |
| Lafourche                              | 10,800             | 5,130            | 48       |         |          |
| <sup>†</sup> La Salle                  | 3,800              | 530              | 14       | •       | . *      |
| <sup>†</sup> Lincoln                   | 6,500              | 840              | 13       |         |          |
| <sup>†</sup> Livingston                | 5,600              | 1,570            | 28       |         |          |
| <sup>1</sup> Madison                   | 4,700              | 1,550            | 33       |         |          |
| <sup>†</sup> Natchitoches              | 9,700              | 1,410            | 15       |         |          |
| Orleans                                | 180,300            | 120,490          | 67       | · · · · | •        |
|  |                    |                  | 00       | 4 770   | 20       |
| Ouachita<br>†Plaquemines               | 23,700<br>3,700    | 6,680            | 28       | 4,770   | 20       |
| Rapides                                | 27,300             | 2,410<br>6,120   | 65<br>22 | -       | ,        |
| *Richland                              | 6,700              | 2,290            | 34       |         |          |
| <sup>1</sup> St. Bernard               | 3,400              | 2,210            | 65       |         |          |
|  |                    |                  |          |         |          |
| 1St, Charles                           | 3,600              | 1,620            | 45       |         |          |
| 1St. James                             | 3,700              | 1,690            | 46<br>45 |         |          |
| <sup>†</sup> St. John<br>St. Landry    | 3.600<br>19,800    | 1,620<br>2,990   | 45<br>15 |         |          |
| <sup>†</sup> St. Martin                | 6,300              | 2,990            | 10       |         |          |
|  |                    | ,                |          |         |          |
| 1St. Mary                              | 10.100             | 3,250            | 32       |         | 1        |
| <sup>1</sup> St. Tammany<br>Tangipahoa | 8,000<br>15,400    | 5,220<br>9,680   | 65<br>63 |         |          |
| †Tensas                                | 3,500              | 9,080            | 03<br>19 | -       | ,        |
| Terrebonne                             | 11,400             | 7,120            | 62       |         |          |
| ·                                      | test of the second | 1                |          |         |          |
| · cranviron                            | 10,400<br>6 200    | 1,250            | 12       |         |          |
| <sup>†</sup> Vernon<br>Washington      | 6,200<br>10,800    | 910              | 15       |         | ε        |
| *Webster                               | 10.800<br>10.100   | 8,860<br>1,460   | 82<br>14 | •       |          |
| Webster<br>W. Baton Rouge              | 3,300              | 330              | 10       |         |          |
| West Carroll                           | 4,000              | 1,320            | 33       | •       | •        |
| †Winn                                  | 4,600              | 640              | 14       | 19 455  |          |
| TV counties<br>other counties          | 666,000<br>124,100 | 272,340<br>6.430 | 41%      | 43,480  | 79<br>19 |
|  |                    | 6,430            | _5%      | 1,780   | 1%       |
| total                                  | 790,100            | 278,770          | 35%      | 45,260  | 6%       |
|  |                    |                  |          |         |          |
|  |                    | N                |          |         |          |
|  |                    |                  |          |         |          |

### MAINE

| TV counties to           | tal families | TV fa  | milies | UHF fa | milies |
|--------------------------|--------------|--------|--------|--------|--------|
| Androscoggin             | 24,400       | 3,270  | 13%    |        |        |
| Cumberland               | 50,500       | 15,490 | 31     | 11,520 | 23%    |
| Hancock                  | 10,000       | 1,850  | 19     |        |        |
| Kennebec                 | 23,500       | 6,170  | 26     |        |        |
| <sup>†</sup> Knox        | 8.900        | 2,550  | 29     |        |        |
| †Luncoln                 | 5,500        | 1,160  | 21     | •      | •      |
| Penobscot                | 28,800       | 14,950 | 52     |        |        |
| <sup>†</sup> Piscataquis | 5,400        | 1,240  | 23%    |        |        |
| †Sagadahoc               | 6,400        | 1,360  | 21     | •      | •      |
| <sup>†</sup> Somerset    | 11,400       | 2;600  | 23     |        |        |
| †Waldo                   | 6,400        | 1,860  | 29     |        |        |
| York                     | 27,500       | 14,080 | 51     |        | •      |
| TV counties              | 208,700      | 66,580 | 32%    | 14,520 | 7%     |
| other counties           | -51,300      | 1,390  | 3%     |        |        |
| total .                  | 260,000      | 67,970 | 26%    | 14,520 | 6%     |

#### MARYLAND

| TV counties             | otal families | TV fa    | milies | UHF fa | milies |
|-------------------------|---------------|----------|--------|--------|--------|
| †Allegany               | 27,200        | 9,870    | 36%    |        |        |
| Anne Arundel            | 35,100        | . 28,950 | 82     |        |        |
| Baltimore               | 378,800       | 329,670  | 87     |        |        |
| <sup>†</sup> Calvert    | 3,300         | 2,080    | 63     |        |        |
| <sup>†</sup> Caroline   | 5,800         | 4,060    | 70     |        |        |
| <sup>†</sup> Carroll    | 12,300        | 8,440    | 69     |        |        |
| Cecil                   | 9,700         | 7,180    | 74     |        |        |
| <sup>1</sup> Charles    | 6,100         | 3,840    | 63     |        |        |
| <sup>†</sup> Dorchester | 8,500         | 5,430    | 64     |        |        |
| Frederick               | 18,700        | 11,830   | 63     |        |        |
| <sup>†</sup> Garrett    | 5,500         | 1,980    | 36     |        |        |
| Harford                 | 16,400        | 14,380   | 88     |        |        |
| <sup>†</sup> Howard     | 6,800         | 4,690    | 69     |        |        |
| <sup>†</sup> Kent       | 4,300         | 3,010    | 70     |        |        |
| Montgomery              | 56,700        | 52,060   | 92     |        |        |
| Prince George           | 66,700        | 64,950   | 97     |        |        |
| 1Queen Annes            | 4,500         | 3,150    | 70     |        |        |
| <sup>†</sup> St. Marys  | 8,300         | 5,230    | 63     |        |        |
| Somerset                | 6,200         | 1,300    | 21     |        |        |
| <sup>‡</sup> Talbot     | 6,400         | 4,460    | 70     |        |        |
| Washington              | 24,500        | 15,680   | 64     | •      | •      |
| Wicomico                | 13,000        | 4,740    | 36     |        |        |
| Worcester               | 7,800         | 1,670    | 21     |        |        |
| TV counties             | 732,600       | 588,650  | 80%    | 640    | LT     |
| total                   | 732,600       | 588,650  | 80%    | 640    | LT     |

#### MASSACHUSETTS

| TV counties             | total families | TV fai    | nilies | UHF fa | milies |
|-------------------------|----------------|-----------|--------|--------|--------|
| <sup>†</sup> Barnstable | 16,400         | 9,880     | 60%    |        |        |
| Berkshire               | 41,000         | 31,920    | 78     |        |        |
| Bristol                 | 119,600        | 95,560    | 80     |        |        |
| <sup>1</sup> Dukes      | 1,800          | 1,080     | 60     |        |        |
| Essex                   | 164,600        | 139,420   | 85     |        |        |
| Franklin                | 17,000         | 6,760     | 40     | 3,260  | 19%    |
| Hampden                 | 114,000        | 71,320    | 63     | 25,180 | 22     |
| Hampshire               | 24,300         | 11,430    | 47     | 7,020  | 29     |
| Middlesex               | 313,600        | 244,890   | 78     | •      | +      |
| <sup>1</sup> Nantucket  | 1,100          | - 660     | 60     |        |        |
| Norfolk                 | 120,700        | 95,860    | 79%    |        | +      |
| Plymouth                | 61,600         | 49,590    | 81     |        |        |
| Suffolk                 | 263,700        | 219,610   | 83     |        |        |
| Worcester               | 164,900        | 131,630   | 80     |        |        |
| TV counties             | 1,424,300      | 1,109,610 | 78%    | 40,330 | 3%     |
| tótal                   | 1,424,300      | 1,109,610 | 78%    | 40,330 | 3%     |

| MICHIGAN                   |                |              |        |        |        |
|----------------------------|----------------|--------------|--------|--------|--------|
| TV counties                | total families | TV fai       | nilies | UHF fa | milies |
| †Allegan                   | 15,300         | 9,380        | 61%    |        |        |
| <sup>†</sup> Antrim        | 3,500          | 540          | 15     | *      | •      |
| *Barry                     | -8,700         | 5,310        | 61     |        |        |
| Bay                        | , 27,400       | 13,860       | 51     | 7,670  | 28%    |
| <sup>†</sup> Benzie        | 2,600          | <b>290</b> ; | - 11   | -      |        |
| Berrien                    | 39,800         | 31,750       | 80     | 4,960  | 12     |
| <sup>†</sup> Branch        | 9,600          | 6,340        | 66     |        |        |
| Calhoun                    | 39,500         | 29,580       | 75     | *      | *      |
| 1Cass                      | 9,900          | 7,820        | 79     | •      |        |
| †Clare                     | 3,300          | 1,520        | 46     | 660    | 20     |
| <sup>†</sup> Clinton       | 9,400          | 6,020        | 64     | *      | *      |
| <sup>1</sup> Crawford      | 1,300          | 180          | 14     | *      | *      |
| <sup>†</sup> Dickinson     | 7,700          | 1,650        | 21     |        |        |
| Eaton                      | 13,200         | 7,050        | 53     | •      | *      |
| Genesee                    | 86,800         | 48,980       | 56     | •      | *      |
| †Gladwin                   | 2,600          | 1,200        | 46     | 520    | 20     |
| <sup>†</sup> Grand Travers |                | 940          | 11     |        |        |
| <sup>†</sup> Gratiot       | 10,100         | 6,530        | 65     | •      |        |
| Hillsdale                  | 11,800         | 5,610        | 48     | *      |        |
| <sup>†</sup> Huron         | 9,600          | 2,350        | 24     |        |        |
| Ingham                     | 56,300         | 42,200       | 75     | 13,800 | 25     |
| Ionia                      | 11,300         | 5,310        | 47     |        |        |
| <sup>1</sup> Isabella      | - 8,200        | 3,460        | 42     |        |        |
| Jackson                    | 34,000         | 24,900       | 73     | _      |        |
| Kalamazoo                  | , 41,900       | 31,080       | 74     |        | -      |
| <sup>†</sup> Kalkaska      | 1,300          | . 180        | 14     | *      | •      |
| Kent                       | 95,100         | 60,860       | 64     |        |        |
| <sup>†</sup> Lake          | 1,800          | 200          | 11     |        |        |
| Lapeer                     | 9,600          | 5,350        | 56     |        |        |
| <sup>1</sup> Leelanau      | 2,600          | 290          | 11     |        |        |
| Lenawee                    | 21,000         | 13,280       | 63     |        |        |
| Livingston                 | 8,800          | 6,790        | 77     | •      | *      |
| Macomb                     | 64,100         | 58,340       | 91     |        |        |
| <sup>†</sup> Manistee      | 6,300          | 630          | 10     |        |        |
| †Mason                     | 6,600          | 1,100        | 17     |        |        |
| †Mecosta                   | . 5,800        | 2,440        | 42     |        |        |
| <sup>1</sup> Menominee     | 7,600          | 1,670        | 22     |        |        |
| †Midland                   | 11,200         | 5,220        | 47     | 2,170  | 20     |
| <sup>†</sup> Missaukee     | 2,100          | 300          | 14     |        |        |
| Monroe                     | 24,000         | 19,490       | 81     | •      | *      |
| +Montcalm                  | 10,300         | 5,420        | 53     |        |        |
| Muskegon                   | 40,200         | 24,580       | 61     |        |        |
| <sup>†</sup> Newaygo       | 6,900          | 3,590        | 52     |        |        |
|                            |                | -,-,-        |        |        |        |

|   | Oakland<br>†Oceana  | 135,200<br>5,100             | 125,060<br>820     | 93%<br>16             |               |          |
|---|---|------------------------------|--------------------|-----------------------|---------------|----------|
| - | †Osceola  | 4,100                        | 1,720              | 42                    |               | ~~~      |
|   | †Otsego   | 1,700                        | 240                | 14                    | •             | •        |
|   | Ottawa<br>Roscommon                                       | 23,900<br>2,400              | 14,890<br>340      | 62<br>14              |               | +        |
| _ | Saginaw   | 47,800                       | 27,750             | 58                    | 15,820        | 33%      |
| , | St. Clair<br>St. Joseph                                   | 29,800                       | 25,060             | 84<br>67              |               |          |
|   | Sanilac   | 11,900<br>9,500              | 7,950<br>2,380     | 25                    |               |          |
|   | Shiawassee<br>Tuscola                                     | 14,800<br>11,300             | 10,020<br>3,370    | 68<br>30              | 1 000         | 11       |
| ì | · · · · · · · · · · · · · · · · · · ·                     |                              |                    |                       | 1,200         | •        |
|   | <sup>†</sup> Van Buren<br>Washtenaw                       | 13,400<br>40,300             | 10,570<br>26,110   | 79<br>65              | •             | +        |
|   | Wayne   | 759,500                      | 653,690            | 86                    |               |          |
|   | Wexford   | 5,800                        | 640                |                       |               | <u> </u> |
|   | TV counties<br>other counties                             | 1 <b>,913,900</b><br>109,600 | 1,414,190<br>3,740 | 74 %<br>3%            | 58,940<br>180 | 3%<br>LT |
|   | total   | 2,023,500                    | 1,417,930          | 70%                   | 59,120        | 3%       |
|   | 10101   | 4,040,000                    | 1,417,500          | 10.70                 | 39,120        | 3.10     |
|   |   |                              |                    |                       |               |          |
|   | MINNESOT  | Ά.                           |                    |                       |               |          |
|   | TV counties   | total families               | TV fai             | nilies                | UHF fa        | milies   |
|   | Aitkin  | 4,100                        | 1.150              | 28%                   |               |          |
|   | Anoka   | 11,000                       | 8,650              | 79                    |               |          |
|   | Becker  | 6,800<br>4,100               | 720<br>1.150       | 11<br>28              |               |          |
|   | Big Stone   | 2,600                        | 340                | 13                    |               |          |
|   | Blue Earth  | 11,400                       | 6,080              | 53                    |               |          |
|   | Brown   | 7,600                        | 2,170              | 29                    |               |          |
|   | Carlton<br>Carver   | 6,800<br>5,200               | 1,190<br>2,290     | 18<br>44              |               | ÷        |
|   | Cass  | 5,300                        | 690                | 13                    |               |          |
|   | tChisago  | 3,900                        | 2,5-10             | 65                    |               |          |
|   | Clay<br>Cottonwood  | 9,100<br>4,700               | 4,070<br>1,500     | 45<br>32              |               |          |
|   | Crow Wing   | 9,600                        | 1,260              | 13                    |               |          |
| _ | Dakota  | 14.500                       | 11,300             | 78                    |               |          |
|   | Dodge   | 3,600                        | 1,080<br>900       | 30<br>14              |               |          |
|   | †Douglas<br>†Faribault                                    | 6,400<br>7,000               | 900<br>1,190       | 14<br>17              |               |          |
| 1 | Fillmore  | 7,300                        | 1,360              | 19                    |               |          |
|   | Freeborn  | 10,400                       | 3,390              | 33                    |               |          |
|   | †Geodliue<br>!Grant                                       | 9,800<br>2,800               | 5,670<br>360       | 58<br>13              |               |          |
|   | Hennepin  | 220,500                      | 182,700            | 83                    |               |          |
|   | Houston<br>Hubbard  | 4,200<br>3,300               | 760<br>360         | 18<br>11              |               |          |
|   |   |                              |                    | _                     |               |          |
|   | †Isanti<br>†Jackson                                       | 3,200<br>4.700               | 2,080<br>1,500     | 65<br>32              |               |          |
| • | <sup>†</sup> Kanabec                                      | 2,800                        | 790                | 28                    |               |          |
|   | Kandiyohi<br>Le Sueur                                     | 8.100<br>5,800               | 2,510<br>3,000     | 31.<br>52             |               |          |
| Î | Lincoln   | 3.000                        | 570                | 19%                   |               |          |
|   | <sup>†</sup> Lyon<br><sup>†</sup> McLeod                  | 6,600<br>6,600               | 1,200<br>2,900     | 18<br>44              |               |          |
| 1 | Mahnomen  | 1,400                        | 150                | 11                    |               |          |
|   | Martin  | 7,600                        | 1,370              | 18                    |               |          |
|   | <sup>†</sup> Meeker<br><sup>†</sup> Mille Lacs            | 5,400<br>4,400               | 1.670<br>1,290     | 31<br>29              |               |          |
| • | <sup>†</sup> Morrison ·                                   | 6,800                        | 680                | 10                    |               |          |
| 1 | Mower   | 12.600<br>4,000              | 3,740<br>760       | 30<br>19              |               |          |
|   | Murray  |                              |                    |                       |               |          |
|   | <sup>†</sup> Nicollet<br><sup>†</sup> Nobl <del>c</del> s | 5,300<br>6,500               | 1,480<br>2,090     | 28<br>32              |               |          |
| 1 | Norman  | 3,600                        | 1,620              | 45                    |               |          |
|   | †Olmsted<br>Otter Tail                                    | 14,200<br>13.900             | 7,330<br>1,830     | 52<br>13              |               |          |
|   | Pinc  | 5,100                        | 870                | 17                    | •             | •        |
| 1 | <sup>†</sup> Pipestone                                    | 5,100<br>3,900               | 870<br>740         | 19                    |               |          |
|   | † Pope  | 3,600                        | 500<br>98.230      | 14<br>79              |               |          |
|   | Ramsey<br>†Redwood  | 113.700<br>6.400             | 88.230<br>1,860    | 78<br>29              |               |          |
| 1 | †Renville   | 6,800                        | 1.930              |                       |               |          |
| 1 | †Rice   | 9,200                        | 5,340              | 58                    |               |          |
|   | <sup>†</sup> Rock<br>St. Louis                            | 3,400<br>66,300              | 650<br>16.110      | 19<br>24              | 12,860        | 19%      |
|   | †Scott  | 4,500                        | 2,340              | 52                    |               |          |
| - | +Sherburne  | 2.800                        | 1,120              | 40                    |               |          |
|   | †Sibley   | 4.400                        | . 2,290            | 52<br>40              |               |          |
|   | †Stearns<br>†Steele                                       | 17,100<br>6,500              | 6,910<br>3,770     | 40<br>58              |               |          |
|   | †Stevens  | 3,000                        | 430                | 14                    |               |          |
|   | †Swift  | 4,600 .                      | 640                | 14                    |               |          |
|   | †Todd   | 6,900                        | 760                | 11                    |               |          |
|   | †Traverse<br>†Wabasha                                     | 2,300<br>4,900               | · 300<br>2,550     | 13 <sup>.</sup><br>52 |               |          |
|   | †Wadena   | 3,500                        | 350                | 10                    |               |          |
|   | †Waseca   | 4,500                        | 1,490              | 33                    |               |          |
|   | †Wsshington   | 10,700                       | 6,960<br>700       | 65<br>17              |               |          |
|   | †Watonwan<br>†Wilkin                                      | 4.100<br>2,800               | 360                | 17                    |               |          |
|   | Winona  | 11,900                       | 1,500              | 13                    |               |          |
|   | †Wright   | 8,000                        | 3,580              | 45                    |               |          |
|   | TV counties   | 829,400                      | 433,710            | 52%                   |               | 2%       |
|   |   | 70.600                       | 3,310              | 5%                    | 120           | LT       |
|   | other counties  |                              |                    |                       | 13,520        |          |

, .

| MISSISSIP                                    | PI               |                 |           |         |         |
|--|------------------|-----------------|-----------|---------|---------|
| TV counties                                  | total families   | TV fam          | ilies     | UHF fan | ilies   |
| †Adams                                       | 9,700            | 980             | 10%       |         |         |
| †Alcorn                                      | 7,800<br>4,600   | 1,780<br>780    | 23<br>17  |         |         |
| <sup>†</sup> Amite<br><sup>†</sup> Attala    | 6,600            | 730             | 11        | •       |         |
| <sup>1</sup> Benton                          | 2,100            | 670             | 32        |         |         |
| Bolivar<br>†Calhoun                          | 16,400<br>4,600  | 2,860<br>640    | 17%<br>14 |         |         |
| †Carroll                                     | 3,400            | 410             | 12        |         |         |
| †Chickasaw                                   | 4,700<br>2,800   | 560<br>340      | 12<br>12  |         |         |
| Choctaw                                      |                  |                 |           |         |         |
| Claiborne<br>†Clay                           | 3,000<br>4,400   | 780<br>530      | 26<br>12  | 600     | 20%     |
| Coalioma                                     | 14,500           |                 | 11        |         |         |
| Copiah                                       | 7,900            | 2,020           | 26        | 1,630   | 20      |
| *Covington                                   | 3,800            | 610             | 16        |         |         |
| †De Soto                                     | 6,000            | 1,980           | 33<br>30  |         |         |
| †Forrest<br>†Franklin                        | 14,100<br>2,900  | 4,210<br>290    | 10        |         |         |
| George                                       | 2,700            | 840             | 31        |         |         |
| Grenada                                      | 5,000            | 650             | 13        |         |         |
| Hancock                                      | 3,300            | 2.050           | 62        |         |         |
| Harrison<br>Hinda                            | 30,100<br>43,100 | 9,880<br>17,410 | 33<br>40  | 17,410  | 40      |
| Hinds<br>†Holmes                             | 8,100            | 880             | 40        |         |         |
| Humphreys                                    | 5,400            | 1,260           | 23        | 930     | 17      |
| +[ssaquena                                   | 1,100            | 250             | 23        | 190     | 17      |
| <sup>1</sup> Itawamba                        | 4,400            | 700             | 16<br>31  |         |         |
| †Jackson<br>Ucfferson                        | 10,000<br>2,900  | 3,100<br>290    | 31<br>10  |         |         |
| Jeff Davis                                   | 3,800            | 530             | 14        |         |         |
| 1Jones                                       | 16,800           | 2,610           | 16        |         |         |
| <sup>†</sup> Lafayette                       | 5,500            | 850             | 15        |         |         |
| Lamar  | 3,600            | 1,080           | 30<br>14  |         |         |
| Lauderdale<br>†Lawrence                      | 19,700<br>3,100  | 2,800<br>430    | 14        |         |         |
| <u> </u>                                     | 5,200            | 570             | 11        |         |         |
| <sup>1</sup> Leake<br>Lec                    | 11,000           | 3,340           | 30        |         |         |
| Leflore                                      | 13,700           | 2,980           | 22        | •       | •       |
| <sup>1</sup> Lincoln<br><sup>1</sup> Madison | 7,700<br>8,100   | 1,310<br>1,050  | 17<br>13  | 1,050   | 13      |
|  |                  |                 |           | 1,000   |         |
| <sup>†</sup> Marion<br><sup>†</sup> Marshall | 6,400<br>5,800   | 970<br>1,860    | 15<br>32  |         |         |
| *Monroe                                      | 10,000           | 1,210           | 12        |         |         |
| <sup>†</sup> Montgomery                      | 3,800            | 420             | 11        |         |         |
| <sup>†</sup> Panola                          | 7,800            | 4,030           | 52        |         |         |
| +Pearl River                                 | 5,800.<br>9,600  | 3,590<br>1,610  | 62<br>17  |         |         |
| <sup>†</sup> Pike<br><sup>†</sup> Pontotoc   | 5,200            | 780             | 15        |         |         |
| <sup>1</sup> Prentiss                        | 5,200            | 790             | 15        |         |         |
| <sup>1</sup> Quitman                         | 6,500            | 1.170           | 18        |         |         |
| <sup>†</sup> Rankin                          | 6,200            | 830             | 13        | 830     | 13      |
| <sup>†</sup> Scott<br>†Sharkey               | 5,500<br>3,100   | 610<br>710      | 11<br>23  | 530     | 17      |
| 1Simpson                                     | 5,500            | 720             | 13        | 720     | 13      |
| †Smith                                       | 3,900            | 430             | 11        | *       | •       |
| 1Stone                                       | 1.400            | 420             | 30        |         |         |
| *Tallahatchie                                | 7,600            | 1,430<br>2,300  | 19<br>51  |         |         |
| <sup>†</sup> Tate<br><sup>†</sup> Tippah     | 4,500<br>4,400   | 2,300           | 51<br>23  |         |         |
| Tishomingo                                   | 4,200            | 670             | 16        |         |         |
| †Tunica                                      | 5,600            | 2,860           | 51%       |         |         |
| †Union<br>†Walthall                          | 5,700<br>3,600   | 1,310<br>500    | 23<br>14  |         |         |
| Warren                                       | 12,500           | 3,160           | 25        | 2,110   | 17%     |
| Washington                                   |                  | 2,960           | 14        |         |         |
| †Webster                                     | 2,900            | 350             | 12        |         |         |
| <sup>†</sup> Wilkinson                       | 3,400            | 340             | 10        |         |         |
| †Yalobusha<br>†Yazoo                         | 3,900<br>8,900   | 550<br>1,200    |           | 1,200   | 13      |
| TV counties                                  |                  | 115,380         |           | 31,980  | 6%      |
| other countie                                |                  | 3,990           | 5%        |         | - 70    |
| total  | 587,400          | 119,370         |           | 31,980  | 5%      |
|  |                  |                 |           |         |         |
| MISSOUR                                      | I                |                 |           |         |         |
| TV counties                                  | total families   | TV              | amilies   | UHF     | amilies |
| †Andrew                                      | 4.000            | 2,230           |           | •       | *       |
| †Atchison                                    | 3,500            | 1,050           |           |         |         |
| †Audrain                                     | 8,400            | 1,880           | 22        |         |         |

| I'r counties            | totat jamutes | i r jai | nuies | Unr ja | πиιεз |              |
|-------------------------|---------------|---------|-------|--------|-------|--------------|
| †Andrew                 | 4.000         | 2,230   | 56%   |        | *     |              |
| <sup>†</sup> Atchison   | 3,500         | 1,050   | 30    |        |       |              |
| †Audrain                | 8,400         | 1,880   | 22    |        |       |              |
| †Barry                  | 6,700         | 1,270   | 19    |        |       |              |
| *Barton                 | 4,400         | 720 -   | •16   |        |       |              |
| †Bates                  | 6,200         | 3,290   | 53    |        |       |              |
| †Benton                 | 2,700         | 570     | 21    |        |       | <b>Brend</b> |
| †Bollinger              | 3,100         | 840     | 27    |        |       | X            |
| Boone                   | 14,200        | 1,950   | 14    |        |       | 9            |
| Buchanan                | 31,600        | 19,620  | 62    |        |       | March        |
| <sup>†</sup> Caldwell   | 3,600         | 2,010   | 56    |        |       | head         |
| fCallaway               | 6,500         | 1,500   | 23    |        |       | -            |
| +Camden                 | 2,500         | 530     | 21    |        |       | 1954         |
| Cape Girardea           | tu 12,000     | 1,250   | 10    |        |       | U,           |
| †Carroll                | 5,100         | 2,500   | 49    |        |       | ,493         |
| <sup>†</sup> Carter     | 1,300         | 200     | 15    |        |       | •            |
| †Cass                   | 6,700         | 3,550   | 53    |        |       |              |
| †Cedar                  | 3,800         | 650     | 17    |        |       | Page         |
| <sup>†</sup> Chariton   | 4,900         | 1,180   | 24    |        |       | 8            |
| <sup>†</sup> Cliristian | 3,900         | 900     | 23    |        |       |              |
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DNITSAS †Clark Clay 3.000 25 80 56 21 34 750 18,400 4,000 14,790 2,230 †Clinton 10,100 3,600 2,080 1,210 †Cole †Crawford 3,000 510 †Dade 17 10 56 56 34 †Dallas 3,300 320 3,700 2,060 <sup>†</sup>Daviess <sup>†</sup>De Kalb <sup>†</sup>Dent 1.680 3,000 3,400 1,160 BROADCASTING 860 3,850 †Douglas 3,600 24 30 37 28 13,000 Dunklin 4,340 1,150 11,700 Franklin †Gasconade †Gentry 4,100 3,600 1,080 30 Greene 37,000 4,500 13,480 1,890 36 42 30 53% †Grundy †Harrison 4,600 6,900 1,370 3,660 <sup>†</sup>Henry <sup>†</sup>Hickory 1,700 360 21 †Holt 3.100 930 30 34 68 16 66 2,600 880 †Iron 132,120 Jackson 193,600 28,300 4,430 8,200 Jasper 12,500 Jefferson †Johnson 55 6,900 3,800 2,700 6,100 680 1,330 \*Knox 25 22 54 19 †Laclede 8,200 8,000 4,460 1,550 <sup>†</sup>Lafayette <sup>†</sup>Lawrence †Lewis 3,600 890 25 †Lincoln †Linn 4,700 6,600 2,020 1,150 43 17 5,500 4,300 <sup>†</sup>Livingston 2,310 42 15 <sup>†</sup>McDonald 650 1,090 860 590 6,400 3,200 †Macon 17 27 28 33 30 <sup>†</sup>Madison †Maries †Marion 2,100 10,300 3,420 750 †Mercer 2,500 †Miller 4,300 3,900 900 820 21 21 †Monroe 43 20 21 4,000 3,200 1,720 630 <sup>†</sup>Montgomery †Morgan 10,300 <sup>†</sup>New Madrid 2,130 9,100 7,800 3,500 <sup>†</sup>Newton 1,310 2,300 14 29 15 28 24 <sup>†</sup>Nodaway †Oregon †Osage 530 870 3,100 †Ozark 2,400 580 Pemiscot 12,600 5,520 44 27 38 28 42 †Perry 4,300 1,150 4,240 Pettis 8,200 6,000 2,260 2,540 <sup>†</sup>Phelps <sup>†</sup>Pike †Platte 4,900 2,700 55 10 21 5,200 3,400 500 710 †Polk †Pulaski 2,700 8,300 920 1,730 †Ralls 34 21 <sup>†</sup>Randolph 5,500 1,500 3,500 50 15 16 †Ray 2,740 †Reynolds †Ripley 230 550 St. Charles †St. Clair 9,400 3,500 5,740 880 61 25 10,700 419,400 6,680 327,410 †St. Francois 62 78 62 25 25 St. Louis 3,200 8,500 2,500 1,980 2,100 <sup>†</sup>Ste. Genevieve †Saline <sup>†</sup>Scotland 630 15 34 20 24% 24 †Shannon 2.200 330 1,260 1,940 700 740 †Shelby 3,700 †Stoddard †Stone 9,700 2,900 †Taney 3,100 †Vernon 7,000 1,710 24 43 33 10 30 Warren 2,600 1.120 †Washington 4,100 1,340 †Webster 450 420 4.600 †Worth 1,400 †Wright 5,000 1,050 21 TY counties 1,234,800 672,690 54% other counties 71,500 4,470. 7% total 1,306,300 677,160 52% MONTANA 1954 TV families TV counties total families 18.300 33% Silver Bow 6.080 1 TV counties 18,300 6,080 33% March other counties 179,400 3,020 2% 197,700 9,100 5% total

1,880 10%

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21,070 11%

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40,050 10

64,990

64.990

UHF families

5%

5%

#### • NEBRASKA

| 32   | TV counties         | total families | TV fa        | milies            | UHF families |
|------|---------------------|----------------|--------------|-------------------|--------------|
| Page | †Adams<br>†Antelope | 9,400<br>3,700 | 1,600<br>810 | 17 <b>%</b><br>22 |              |

| Boone<br>Buffalo<br>Burt   | 3,300<br>8,500<br>3,600  | 420<br>1,060<br>2,770  | 13<br>12<br>77  |                           |               |
|--|--|--|---|---------------------------|---------------|
| Butler   | 3,800  | 1,360  | 36  |                           | -             |
| Cass   | 5,400<br>3,900   | 4,000<br>860   | 74<br>22  |                           |               |
| Cedar<br>Colfax  | 3,400  | 1,600  | 47  |                           |               |
| Cuming   | 3,900  | 1,840  | 47  |                           |               |
| Dakota<br>Dawson   | 3,200<br>6,600   | 1,250<br>860   | 39 ·<br>13'   |                           |               |
| Dixon  | 2,900  | 1,130  | 39<br>76  |                           |               |
| Dodge<br>Douglas   | 9,500<br>92,500  | 7,260<br>78,200  | 85  |                           |               |
| Fillmore   | 3,200  | 640  | 20  |                           |               |
| lGage<br>Greeley   | 8,900<br>1,400   | 3,960<br>200   | 44<br>14  |                           |               |
| Hall   | 10,900   | 1,940  | 18  |                           |               |
| Hamilton   | 3,000  | 1,080  | 36  |                           |               |
| †Howard<br>†Jefferson  | 2,300<br>4,400   | 880  | 14<br>20  |                           |               |
| †Johnson<br>†Knox  | 2,400<br>4,500   | 1,080<br>1,040   | 45<br>23  |                           |               |
| Lancaster  | 40,800   | 25,140   | 62  |                           |               |
| †Madison   | 7,700  | 3,050  | 40  |                           |               |
| †Merrick<br>†Nance   | 3,000<br>1,800   | 410<br>250   | 14<br>14  |                           |               |
| <sup>†</sup> Nemalia<br><sup>†</sup> Otoe  | 3,400<br>5,500   | 1,220<br>4,090   | 36%<br>74   |                           |               |
| †Pawnee  | 2,200  | 790  | 36  |                           |               |
| <sup>†</sup> Pierce  | 3,000  | 660  | 22  |                           |               |
| †Platte<br>†Polk   | 6,100<br>2,500   | 2,380<br>900   | .39<br>36   |                           |               |
| <sup>†</sup> Richardson  | 5,600  | 1,990  | 36  |                           |               |
| †Salme   | 4,900  | 1,030  | 21  |                           |               |
| †Sarpy<br>†Saunders  | 4,900<br>5,600   | 3,820<br>4,420   | 78<br>79  |                           |               |
| †Seward<br>†Stanton  | 4,200  | 1,500  | 36  |                           |               |
| †Thurston  | 1,900  | 890  | 47  |                           |               |
| Washington   | 3,700  | 2,850  | 39<br>77  |                           |               |
| †Wayne<br>†York  | 3,000<br>4,700   | 1,170<br>1,630   | 39<br>35  |                           |               |
| TV counties  | 321,600  | 175,330  | 55%   |                           |               |
| ath an anna tha  | 105,700  | 2,080  | 2%  |                           |               |
| other coun <b>ties</b>   |  | ·  |   |                           |               |
| total<br>NEVADA<br>TV counties to<br>Clark   | 427,300<br>0tal families<br>22,800<br>19,700   | 177,410<br>TV fa<br>6,110  | 27%   | UHF A                     | milie         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties  | 22,800<br>19,700<br><b>42,500</b>  | <i>TV fa.</i><br>6,110<br>5,460<br><b>11,570</b>   | milies<br>27%<br>28   | UHF f                     | milie         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe   | <i>22,800</i><br>19,700  | <i>TV fa.</i><br>6,110<br>5,460  | milies<br>27%<br>28   | UHFA                      | inilie<br>    |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>other counties  | 22,800<br>19,700<br><b>42,500</b><br>18,100<br>60,600  | <i>TV fa</i><br>6,110<br>5,460<br>11,570<br>360  | milies<br>27%<br>28<br><b>27%</b><br>2%   | UHFA                      |               |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV countles<br>other countles<br>total<br>NEW HAMP   | 22,800<br>19,700<br><b>42,500</b><br>18,100<br>60,600  | TV fa.<br>6,110<br>5,460<br>11,570<br>360<br>11,930  | milies<br>27%<br>28<br><b>27%</b><br>2%   | UHFA                      | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>other counties<br>total<br>NEW HAMP<br>TV counties to<br>tBelknap   | otal families<br>22.800<br>19,700<br><b>42,500</b><br>18,100<br><i>60,600</i><br><b>SHIRE</b><br>otal families<br>8,400  | TV fa.<br>6,110<br>5,460<br>11,570<br>360<br>11,930  | milies<br>27%<br>28<br>27%<br>2%<br>2%  |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>PEclinap<br>Clarning to<br>TV counties to<br>TV cou   | 22,800<br>19,700<br><b>42,500</b><br>18,100<br><i>60,600</i><br><b>SHIRE</b><br>otal families<br>8,400<br>5,000  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900  | milies<br>27%<br>28<br>27%<br>20%<br>20%<br>milies<br>38%<br>38   |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>other counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>NEW HAMP<br>Carroll<br>*Cheshire<br>Hillsboro   | otal families           22,800           19,700           42,500           18,100           60,600           SHIRE           0tal families           8,400           5,000           11,600           48,800   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br><u>360</u><br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>milies<br>38%<br>38%<br>38%<br>38%<br>55   |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>other counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>NEW HAMP<br>TV counties to<br>tal<br>TV counties to<br>tal<br>TV counties to<br>tal<br>TV counties to<br>tal<br>TV counties to<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>\$HIRE<br>0tal families<br>8,400<br>5,000<br>11,600<br>48,800<br>18,300  | <i>TV fa.</i><br>6,110<br>5,460<br>11,570<br>360<br><i>11,930</i><br><i>TV fa.</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>milies<br>38%<br>38<br>49<br>65<br>60  |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>other counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>NEW HAMP<br>Carroll<br>*Cheshire<br>Hillsboro   | otal families           22,800           19,700           42,500           18,100           60,600           SHIRE           0tal families           8,400           5,000           11,600           48,800   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br><u>360</u><br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>milies<br>38%<br>38%<br>38%<br>38%<br>55   |                           | ,<br>         |
| total<br>NEVADA<br>TV counties total<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties total<br>NEW HAMP<br>TV counties total<br>TV counties total<br>TV counties total<br>TV counties total<br>TV counties total<br>Rew HAMP<br>Clarroll<br>tCheshire<br>Hillsboro<br>Merrimack<br>Rockingham<br>Strafford<br>tSullivan   | otal families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           48,800           18,300           22,500           15,300           8,100  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>10,900<br>17,570<br>7,760<br>4,050   | milies<br>27%<br>28<br>27%<br>20%<br>20%<br>38%<br>38%<br>38<br>49<br>55<br>50<br>78<br>51<br>50  |                           | ,<br>         |
| total<br>NEVADA<br>TV counties tot<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties total<br>NEW HAMP<br>TV counties total<br>TV counties total<br>TV counties total<br>TV counties total<br>TV counties total<br>Rew HAMP<br>Clarching total<br>Cheshire<br>Hillsboro<br>Merrimack<br>Rockingham<br>Strafford  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>5,000<br>11,600<br>48,800<br>11,600<br>48,800<br>11,600<br>48,800<br>11,500   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>10,900<br>17,570<br>7,760  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>49<br>65<br>60<br>78<br>51<br>50<br><b>60%</b>   |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>NEW HAMP<br>TV counties to<br>tal<br>TV counties to<br>tal<br>Rockingham<br>Strafford<br>Strafford<br>Strafford<br>Strafford  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>0 tal families<br>8,400<br>5,000<br>11,600<br>48,800<br>13,300<br>22,500<br>15,300<br>8,100<br>138,000  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b>  | milies<br>27%<br>28<br>27%<br>20%<br>20%<br>38%<br>38%<br>38<br>49<br>55<br>50<br>78<br>51<br>50  |                           | ,<br>         |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>NEW HAMP<br>TV counties to<br>tal<br>TV counties to<br>tal<br>Rockingham<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Strafford<br>Stra | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>0 tal families<br>8,400<br>5,000<br>11,600<br>48,800<br>22,500<br>15,300<br>8,100<br>138,000<br>24,600<br>162,600   | <i>TV fa</i><br>6,110<br>5,460<br><b>11.570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>38%<br>38%<br>38%<br>50<br>60%<br>7%   |                           | /             |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties to<br>Belknap<br>tCarroli<br>Cheshire<br>Hillsboro<br>Merrimack<br>Rockingham<br>Strafford<br>tSullivan<br>TV counties<br>total<br>NEW JERSEN<br>TV counties to  | otal families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           48,800           18,300           22,500           15,300           138,000           24,600           162,600           162,600   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br><i>32,210</i><br>1,900<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><i>84,690</i>  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>38%<br>38%<br>55<br>50<br>60%<br>7%<br>52%<br>milies   | UHF fa                    | milies        |
| total<br>NEVADA<br>TV counties to<br>Clark<br>Washoe<br>TV counties<br>total<br>NEW HAMP<br>TV counties to<br>tal<br>TV counties to<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal<br>tal  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>0tal families<br>8,400<br>11,600<br>48,800<br>18,300<br>22,500<br>15,300<br>8,100<br>153,000<br>24,600<br>162,600   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>1,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><i>84,690</i><br><i>TV fan</i><br>31,930<br>172,850   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>38%<br>38%<br>38%<br>50<br>60%<br>7%<br>52%<br>milies<br>7%<br>52%   | UHF (                     | milies        |
| total NEVADA TV counties Clark Washoe TV counties other counties total NEW HAMP TV counties total TV counties total Cheshire Hillsboro Merrimack Rockingham Strafford Sullivan TV counties total NEW JERSEN TV counties total  | btal families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           48,800           13,300           22,500           15,300           8,100           138,000           162,600           162,600           14 families           44,300   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>31,960<br>31,960<br><b>17,570</b><br>7,760<br><b>4,050</b><br><b>83,070</b><br>1,620<br><i>84,690</i><br><i>TV fa</i><br>31,930<br>172,850<br>334,840  | milies<br>27%<br>27%<br>27%<br>20%<br>20%<br>milies<br>38%<br>49<br>65<br>60<br>60<br>60%<br>52%<br>150<br>50<br>60%<br>7%<br>52%<br>10%<br>10%<br>10%<br>10%<br>10%<br>10%<br>10%<br>10  | UHF fa                    | milies        |
| total NEVADA TV counties to Clark Washoe TV counties other counties total NEW HAMP TV counties total Belknap tCarrol1 tCheshire Hillsboro Merrimack Rockingham Strafford tSullivan TV counties total NEW JERSEN TV counties total  | otal families<br>22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>5,000<br>11,600<br>48,800<br>18,300<br>22,500<br>15,300<br>22,500<br>15,300<br>138,000<br>24,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>1 | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br><i>3,210</i><br>1,900<br>5,720<br>31,960<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><i>84,690</i><br><i>TV fan</i><br>31,930<br>172,850   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>38%<br>38%<br>38%<br>50<br>60%<br>7%<br>52%<br>milies<br>7%<br>52%   | UHF fa                    | milies        |
| total           Ite value           TV counties           Clark           Washoe           TV counties           other counties           total           NEW HAMP           TV counties           total           Strafford           'Sullivan           TV counties           other counties           other counties           total           NEW JERSEN           TV counties           total  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>11,600<br>45,800<br>22,500<br>13,300<br>24,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>16 | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>3,210<br>5,720<br>31,960<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><i>84,690</i><br><i>TV fan</i><br>31,930<br>172,850<br>34,840<br>80,790<br>11,370   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>50<br>60%<br>7%<br>52%<br>nilies<br>72%<br>91<br>88<br>84%<br>84%<br>84<br>86   | UHF fa<br>UHF fa<br>5,190 | milies        |
| total NEVADA TV counties to Clark Washoe TV counties other counties total NEW HAMP TV counties total TV counties total Belknap Carroll Chesbire Hillsboro Merrimack Rockingham Strafford Sullivan TV counties total NEW JERSEN TV counties total NEW JERSEN TV counties total  | btal families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           22,500           15,300           8,100           22,500           15,300           8,100           138,000           24,600           162,600           44,300           190,900           39,800           96,500           13,600   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><i>84,690</i><br><i>TV fan</i><br>31,930<br>172,850<br>84,690<br>11,370   | milies<br>27%<br>28<br>27%<br>20%<br>20%<br>20%<br>20%<br>38%<br>49<br>65<br>65<br>65<br>60<br>78<br>51<br>50<br>60%<br>7%<br>52%<br>88<br>84%<br>84<br>84<br>84  | UHF fa<br>UHF fa<br>5,190 | milies        |
| total NEVADA TV counties total TV counties total NEW HAMP TV counties total NEW HAMP Belknap Charroll Cheshire Hillsboro Merrimack Rockingham Strafford Sullivan TV counties total NEW JERSEN TV counties total NEW JERSEN TV counties total Camberland Essex Cumberland Essex Cloucester Hudson   | btal families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           48,800           22,500           15,300           8,100           22,500           15,300           8,100           24,600           162,600           162,600           24,600           162,600           29,800           96,500           13,600           29,300           225,600           30,700           202,700  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><b>83,070</b><br>1,620<br><i>34,690</i><br><i>TV fa</i><br>31,930<br>172,850<br>34,840<br>80,790<br>11,370<br>25,310<br>242,840<br>27,000<br>27,000<br>27,000   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>49<br>65<br>60<br>78<br>50<br>60%<br>7%<br>52%<br>84%<br>84%<br>84%<br>84%<br>85<br>88<br>89<br>95  | UHF fa<br>UHF fa<br>5,190 | milies<br>12% |
| total NEVADA TV counties total Clark Washoe TV counties total NEW HAMP TV counties total TV counties total Belknap Carroll Cheshire Hillsboro Merrimack Rockingham Strafford Sullivan TV counties total NEW JERSEN TV counties total NEW JERSEN TV counties total Cumberland Essex Cloucester Hudson Hunterdon   | bial families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           48,800           5,000           11,600           48,800           22,500           15,300           8,100           138,000           24,600           162,600           44,300           190,900           39,800           96,500           13,600           29,300           202,700           14,200  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fan</i><br>31,930<br>172,850<br>34,690<br>34,690<br>25,310<br>242,840<br>80,790<br>11,370<br>25,310  | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>38%<br>49<br>65<br>60<br>78<br>51<br>50<br>60%<br>7%<br>52%<br>84%<br>84%<br>84%<br>84%<br>85<br>85<br>85<br>85<br>85<br>87<br>87<br>88<br>88<br>88<br>88<br>88<br>88<br>88<br>88   | UHF fa<br>UHF fa<br>5,190 | milies        |
| total           Ite counties         te           TV counties         te           Clark         Washoe           TV counties         other counties           total         te           NEW HAMP         te           TV counties         te           *Belknap         te           *Carroli         te           *Carroli         te           *Carroli         te           *Carroli         te           *Carroli         te           *Sullivan         TV counties           total         te           *Sullivan         TV counties           total         te           NEW JERSEN         total           NEW JERSEN         total           NEW JERSEN         total           NEW JERSEN         total           Network         tessen           Gloucester         Hudson           Hunterdon         Mercer   | bial families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           22,500           15,300           22,500           15,300           22,500           15,300           22,500           15,300           24,600           162,600           162,600           138,000           24,600           13,800           22,500           13,300           22,500           13,600           29,900           39,800           96,500           13,600           29,300           29,300           285,600           30,700           202,700           14,200           68,000  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><b>83,070</b><br>1,620<br><i>34,690</i><br><i>TV fa</i><br>31,930<br>172,850<br>34,840<br>80,790<br>11,370<br>25,310<br>242,840<br>27,000<br>27,000<br>27,000   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>49<br>65<br>60<br>78<br>50<br>60%<br>7%<br>52%<br>84%<br>84%<br>84%<br>84%<br>85<br>88<br>89<br>95  | UHF fa<br>UHF fa<br>5,190 | milies        |
| total           Ite value           TV counties         ta           Clark         Washoe           TV counties         ta           Ite counties         total           NEW HAMP         ta           TV counties         ta           TV counties         ta           TV counties         ta           TV counties         ta           TBelknap         ta           tCheshire         Hillsboro           Merrimack         Rockingham           Strafford         Solllivan           TV counties         total           NEW JERSEN         total           NEW JERSEN         TV counties           total         total           NEW JERSEN         total           TV counties         total           NEW JERSEN         total           TV counties         total           Regen         Burlington           Camberland         Essex           Gloucester         Hudson           Hunterdon         Mercer           Middlesex         Moonmouth  | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>5,000<br>11,600<br>48,800<br>13,800<br>22,500<br>15,300<br>8,100<br>138,000<br>24,600<br>162,600<br>162,600<br>162,600<br>13,600<br>29,300<br>29,300<br>29,300<br>29,300<br>29,300<br>20,700<br>14,200<br>68,000<br>84,000<br>77,200  | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br><b>10,900</b><br><b>17,570</b><br>7,760<br><b>4,050</b><br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fan</i><br>31,930<br>172,850<br><i>84,690</i><br><i>11,370</i><br>25,310<br>242,840<br>30,790<br>11,370<br>25,310<br>242,840<br>27,000<br>192,250<br>12,360   | milies<br>27%<br>27%<br>27%<br>20%<br>20%<br>20%<br>20%<br>338<br>49<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>52%<br>84<br>84<br>84<br>84<br>84<br>84<br>85<br>88<br>87<br>89<br>85<br>94   | UHF fa<br>UHF fa<br>5,190 | milies        |
| total           Ite counties         te           TV counties         te           Clark         Washoe           TV counties         other counties           total         te           NEW HAMP         te           TV counties         te           *Belknap         te           *Carroli         te           *Carroli         te           *Carroli         te           *Carroli         te           *Carroli         te           *Sullivan         TV counties           total         te           *Sullivan         TV counties           total         te           NEW JERSEN         total           NEW JERSEN         total           NEW JERSEN         total           NEW JERSEN         total           Network         tessen           Gloucester         Hudson           Hunterdon         Mercer   | bial families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           22,500           15,300           22,500           15,300           22,500           15,300           22,500           15,300           24,600           162,600           162,600           138,000           24,600           13,800           22,500           13,300           22,500           13,600           29,900           39,800           96,500           13,600           29,300           29,300           285,600           30,700           202,700           14,200           68,000  | <i>TV fa</i><br>6,110<br>5,460<br><b>11.570</b><br>360<br><i>11.930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>5,720<br>31,960<br>10,900<br>17,570<br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fan</i><br>31,930<br>172,850<br>34,840<br>80,790<br>11,370<br>242,840<br>27,000<br>19,250<br>34,840<br>27,000<br>19,250<br>34,840<br>27,000<br>19,250<br>34,840<br>27,000<br>19,250<br>34,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>242,840<br>27,000<br>11,370<br>34,840<br>34,840<br>30,790<br>34,840<br>36,790<br>34,840<br>34,840<br>30,790<br>34,840<br>34,840<br>34,840<br>30,790<br>34,840<br>34,840<br>36,790<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,840<br>34,84034,840<br>34,840<br>34,840<br>34,840<br>34,84034,840<br>34,840<br>34,840<br>34,8403 | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>38%<br>38%<br>38%<br>50<br>60%<br>7%<br>52%<br>49<br>65<br>50<br>60%<br>7%<br>52%<br>91<br>88<br>84%<br>84<br>85<br>88<br>88<br>88<br>88<br>88<br>88<br>88<br>88<br>88  | UHF fa<br>UHF fa<br>5,190 | milies        |
| total  NEVADA  TV counties  Clark Washoe  TV counties  total  NEW HAMP  TV counties  total  NEW HAMP  TV counties  total  TV counties  total  Rockingham Strafford  Strafford  Stullivan  TV counties  total  NEW JERSEN  TV counties  total  NEW JERSEN  TV counties  total  NEW JERSEN  Camden  Cape May  Cumberland Essex Gloucester Hudson Hunterdon  Mercer Middlesex Monris Ocean  Passaic   | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>22,500<br>11,600<br>48,800<br>22,500<br>15,300<br>8,100<br>138,000<br>24,600<br>162,600<br>162,600<br>162,600<br>162,600<br>39,800<br>96,500<br>13,600<br>29,300<br>285,600<br>30,700<br>202,700<br>14,200<br>68,000<br>84,000<br>72,200<br>21,900<br>111,700   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>10,900<br>10,900<br>10,900<br>10,900<br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fan</i><br>31,930<br>172,850<br>34,840<br>27,000<br>34,840<br>27,000<br>192,250<br>12,360<br>60,540<br>71,160<br>72,360<br>60,540<br>97,800   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>38%<br>38%<br>38%<br>38%<br>38%<br>50<br>60<br>78<br>51<br>50<br>60%<br>7%<br>52%<br>nilies<br>84%<br>84%<br>84%<br>84%<br>85<br>88<br>89<br>85<br>89<br>85<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>80<br>88<br>88 | UHF fa<br>UHF fa<br>5,190 | milies        |
| total NEVADA TV counties total Clark Washoe TV counties other counties total NEW HAMP TV counties total TV counties total Cheshire Hillsboro Merrimack Rockingham Strafford Sullivan TV counties total NEW JERSEN TV counties total NEW JERSEN TV counties total Camberland Essex Gloucester Hudson Hunterdon Mercer Middlesex Monmouth Morris Ocean   | 22,800<br>19,700<br>42,500<br>18,100<br>60,600<br>SHIRE<br>otal families<br>8,400<br>5,000<br>11,600<br>48,800<br>13,800<br>24,600<br>162,600<br>162,600<br>162,600<br>162,600<br>138,000<br>24,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,600<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162,000<br>162, | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>5,720<br>31,960<br><b>10,900</b><br><b>17,570</b><br>7,760<br>4,050<br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fa</i><br>31,930<br><b>172,850</b><br>34,640<br><b>27,060</b><br>34,840<br>27,060<br>25,310<br>242,840<br>27,260<br>27,260<br>27,260<br>27,260   | milies<br>27%<br>28<br>27%<br>2%<br>20%<br>20%<br>20%<br>38%<br>38%<br>49<br>550<br>60%<br>7%<br>550<br>60%<br>7%<br>52%<br>84%<br>84<br>85<br>82%<br>84%<br>84%<br>85<br>87<br>89<br>85<br>85<br>85<br>85<br>85<br>85<br>85<br>85<br>85<br>85  | UHF fa<br>UHF fa<br>5,190 | milies        |
| total           Ite value           TV counties         tat           Clark         Washoe           TV counties         tat           Ite counties         total           NEW HAMP         tat           TV counties         tat           PBelknap         tat           TV counties         tat           Strafford         total           TV counties         total           NEW JERSEN         total           NEW JERSEN         total           NEW JERSEN         total           Nerview         total           Nerview         total           Netwissington         total           Cumberland         Essex           Gloucester         Hudson           Hunterdon         Morris           Ocean         Passaic           Salem         Salem  | bial families           22,800           19,700           42,500           18,100           60,600           SHIRE           otal families           8,400           5,000           11,600           42,500           13,300           22,500           15,300           22,500           15,300           22,500           152,600           162,600           44,300           190,900           39,800           96,500           13,600           225,600           30,700           222,700           14,200           68,000           84,000           77,200           52,200           11,700           11,700   | <i>TV fa</i><br>6,110<br>5,460<br><b>11,570</b><br>360<br><i>11,930</i><br><i>TV fa</i><br>3,210<br>1,900<br>5,720<br>31,960<br>31,960<br>4,050<br><b>83,070</b><br>1,620<br><b>84,690</b><br><i>TV fa</i><br>31,930<br>17,570<br>34,840<br>80,790<br>11,370<br>25,310<br>242,840<br>27,000<br>192,250<br>12,360<br>60,540<br>71,160<br>72,360<br>42,360<br>97,800<br>14,950   | milies<br>27%<br>27%<br>27%<br>20%<br>20%<br>milies<br>38%<br>49<br>65<br>60<br>78<br>51<br>50<br>60%<br>52%<br>84%<br>84%<br>84%<br>84%<br>84%<br>84%<br>84%<br>84   | UHF fa<br>UHF fa<br>5,190 | amilie        |

| TV counties  | 1,568,100                                   | 1,374,790                          | 88%                  | 7,850               | 1%     |
|--|---|------------------------------------|----------------------|---------------------|--------|
| TV counties  | 1,568,100                                   | 1,374,790                          | 88%                  | 7,850               | 1%     |
|  | •   |                                    |                      |                     | •      |
| NEW MEX  | co  |                                    |                      |                     |        |
| TV counties  | total families                              | TV fa                              | milies               | UHF fa              | milies |
| Bernalillo   | 50,800                                      | 22,930                             | 45%                  |                     |        |
| †Chaves<br>†Curry  | 13,900<br>8,000                             | 4,270<br>1,010                     | 31<br>13             |                     |        |
| †De Baca   | 1,000                                       | 310                                | 31                   |                     | *      |
| †Dona Ana  | 10,800                                      | 2,290                              | 21                   |                     |        |
| Eddy<br>†Guadalupe   | 14,400<br>1,400                             | 3,480<br>430                       | 24<br>31             |                     |        |
| †Lincoln   | 1,700                                       | 270                                | 16                   |                     |        |
| <sup>†</sup> Los Alamos<br><sup>†</sup> Luna                         | ·3,600<br>2,800                             | 680<br>590                         | 19<br>21             |                     |        |
| †Otero   | 4,400                                       | 680                                | 15                   |                     |        |
| †Quay  | 4,300<br>2.500                              | 560                                | 13                   |                     |        |
| Sandoval<br>†Santa Fe  | 2,500                                       | 540<br>2,100                       | 22<br>20 '           |                     |        |
| †Torrance  | 1,700                                       | 320                                | 19                   |                     |        |
| Valencia   | 5.400                                       | 2,090                              | 39                   |                     |        |
| TV counties  | 137,400                                     | 42,550                             | 31%                  |                     |        |
| other counties   | 64.600                                      | 1,220                              | 2%                   |                     |        |
| total  | 202,000                                     | 43,770                             | 22%                  |                     |        |
|  |   |                                    |                      |                     |        |
| NEW YORK   | r   |                                    |                      |                     |        |
| TV counties  | total families                              | TV fa                              | milies               | UHF fa              | milies |
| Albany   | 79,600                                      | 59,350                             | 75%                  | ٠                   | ٠      |
| Allegany<br>Bronx  | 13,500<br>458,400                           | 7,830<br>360,970                   | 58<br>79             |                     |        |
| Broome,  | 58,300                                      | 42,860                             | 74%                  |                     |        |
| Cattaraugus  | 24,200                                      | 16,850                             | 70                   |                     |        |
| Cayuga   | 21,600<br>46,300                            | 17,690<br>29,000                   | 82<br>.63            |                     |        |
| Chautauqua<br>Chemung  | 28,800                                      | 12,080                             | 42                   | 6,040               | 21%    |
| Chenango   | 12,300<br>13,900                            | 7,350<br>4,690                     | 60<br>34             |                     |        |
| Clinton  | 13,900                                      |                                    | 77                   | _                   | _      |
| Columbia<br>Cortland   | 11,700                                      | 10,800<br>7,350                    | 63                   |                     |        |
| Delaware   | 13,900<br>38,400                            | 5,460<br>23,960                    | 39<br>62             |                     |        |
| Dutchess<br>Erie   | 281,600                                     | 23,900                             | 87                   | 39,870              | 14     |
| Essex  | 10,400                                      | 2,810                              | 27                   |                     |        |
| Franklin<br>Fulton   | 12,800<br>17,500                            | 1,910<br>10,770                    | 15<br>62             |                     |        |
| Genesee  | 14,600                                      | 10,380                             | 71                   |                     |        |
| <sup>†</sup> Greene  | 9,200                                       | 5,490                              | 60                   |                     |        |
| Hamilton<br>Herkimer   | 1,300<br>19,500                             | 770<br>14.110                      | 59<br>72             |                     |        |
| Jefferson  | 26,900                                      | 10,930                             | 41                   |                     |        |
| Kings<br>Lewis   | 851,900<br>6.600                            | 735,350<br>3,730                   | 86<br>57             |                     |        |
| Livingston   | 11,300                                      | 6,530                              | 58                   |                     | _      |
| Madison  | 14,400                                      | 8,880                              | 62                   |                     |        |
| Monroe<br>Montgomery   | 160,400<br>19,200                           | 131,030<br>11,660                  | 82<br>61             |                     |        |
| Nassau   | 261,200                                     | 233,160                            | 89                   |                     |        |
| New York   | 672,700                                     | 401,750                            | 60                   |                     |        |
| Niagara<br>Oneida  | 60,500<br>68,900                            | 50,810<br>64,920                   | 84<br>94             | 9,620               | 16     |
| Onondaga   | 109,700                                     | 98,280                             | 90                   |                     |        |
| Ontario  | 18,100                                      | 12,570                             | 69                   |                     |        |
| Orange<br>Orleans  | 47,100<br>9,600                             | 41,100<br>7,940                    | 87<br>83             |                     | •      |
| Oswego   | 23,800                                      | 17,450                             | 73                   |                     |        |
| Otsego<br>Putnam   | 16.600<br>6,700                             | 10,820<br>4,010                    | 65<br>60             |                     |        |
| Queens   | 521,900                                     | 460,000                            | 88                   |                     |        |
| Rensselacr   | 41,900                                      | 34,290                             | 82                   | •                   | ٠      |
| Richmond<br>Rockland   | 56,400<br>24,500                            | 50,620<br>21,420                   | 90<br>87             |                     |        |
| St. Lawrence   | 27,700                                      | 4,200                              | 15                   |                     |        |
|  | 24,000                                      | 16,710                             | 70                   |                     |        |
| Saratoga   | 48,600                                      | 36,640                             | 75<br>60             |                     |        |
| Schenectady  |   | A 290                              |                      |                     |        |
| Schenectady<br>Schoharie<br>Schuyler                                 | 7,200<br>4,600                              | 4,320<br>3,450                     | 75                   |                     |        |
| Schenectady<br>Schoharie<br>Schuyler                                 | 7,200                                       |                                    |                      |                     |        |
| Schenectady<br>Schoharie<br>Schuyler<br>Seneca<br>Steuben            | 7,200<br>4,600<br>8,100<br>28,300           | 3,450<br>6,120<br>11,790           | 75<br>76<br>42       | 4,270               | 15     |
| Schenectady<br>Schoharie<br>Schuyler<br>Seneca<br>Steuben<br>Suffolk | 7,200<br>4,600<br>8,100<br>28,300<br>92,000 | 3,450<br>6,120<br>11,790<br>75,230 | 75<br>76             | 4,270               | 15     |
| Schenectady<br>Schoharie<br>Schuyler<br>Seneca<br>Steuben            | 7,200<br>4,600<br>8,100<br>28,300           | 3,450<br>6,120<br>11,790           | 75<br>76<br>42<br>82 | 4,270<br>•<br>1,180 |        |

Ulster

Warren

Wayne

†Yates

total

Washington

Westchester Wyoming

TV counties

30,300

12,700

14,000

18,400

195,600

9,700 5.800

4,800,100

4,800,100

15,920 53

9,960 78

9,350 67 78% 79

14.440

153,610

5,810 60

4,060 70

3,712,620

3,712,620 77% 69,950

77%

69,950

1%

1%

| NORTH CA                      | ROLINA           |                           |            |        |        |
|-------------------------------|------------------|---------------------------|------------|--------|--------|
| TV counties                   | total families   | TV f                      | amilies    | UHF    | amilie |
| Alamance<br>Alexander         | 20.000<br>3,600  | 12,090<br>1,690           | 60%<br>47  |        |        |
| <sup>†</sup> Alleghany        | 2,100            | 970                       | 46         |        |        |
| Anson                         | 6,300            | 3,280                     | 52         |        |        |
| Ashe                          | 5,200            | 2,390                     | 46         |        |        |
| *Avery .<br>*Beau fort        | 3,200            | 860                       | 27         |        |        |
| Bertie                        | 9,300<br>6,100   | 3,800<br>2,260            | 41<br>- 37 |        |        |
| Buncombe                      | 34,800           | 11,330                    | 33         | 4,040  | 12%    |
| Burke                         | 11,400           | 7,980                     | 70         |        |        |
| Cabarras                      | 17,400           | 11,210                    | 64         |        |        |
| Caldwell<br>Canden            | 11,100<br>1,400  | 5,280 <sup>°</sup><br>760 | 48<br>54   |        |        |
| Caswell                       | 4,500            | 2,070                     | 54<br>46   | +      |        |
| Catawha                       | 17,400           | 10.030                    | 58         |        |        |
| Chatham                       | 6,300            | 2,900                     | 46         |        |        |
| Cherokee                      | 4,400            | 470                       | 31         |        |        |
| Chowan<br>Clay                | 3,000<br>1,300   | 810                       | 27<br>10   |        |        |
| Cleveland                     | 16,400           | 130<br>9,570              | 58         |        |        |
| Craven                        | 13,100           | 3,550                     | 27         |        |        |
| Comberland                    | 23,900           | 2,970                     | 12         |        |        |
| Currituck                     | 1,800            | 970                       | 54         |        |        |
| Dare                          | 1,300            | 350                       | 27         |        |        |
| Davidson                      | 17,400           | 9,490                     | 55         |        | •      |
| Davie                         | 4,000            | 2,200                     | 55         | *      | *      |
| Durham<br>Edgecombe           | 28,400<br>12,000 | 14,880                    | 52<br>17   | •      | +      |
| Forsyth                       | 12,000           | 2,040<br>23,570           | 17<br>54   |        |        |
| Franklin                      | 7,300            | 1,530                     | 21         |        |        |
| Gaston                        | 30,900           | 21,420                    | 69         |        |        |
| Gates                         | 2,300            | 1,240                     | 54         | +      | +      |
| Graham                        | 1,700            | 170                       | 10         |        |        |
| Granville<br>Guilford         | 7,000<br>55,000  | 2,810                     | 40<br>44   | •      | •      |
|                               |                  | 24,410                    |            |        |        |
| Halifax<br>Harnett            | 13,200<br>11,700 | 1,630<br>1,300            | 12         |        |        |
| Haywood                       | 10,000           | 1,680                     | 11<br>17   |        |        |
| Henderson                     | 9,200            | 2,070                     | 23         | ٠      | +      |
| Hertford                      | 4,900            | 2,650                     | 54         |        | •      |
| Hoke                          | 3,400            | 780                       | 23         |        |        |
| Hyde<br>Iredell               | 1,300            | 350                       | 27         |        |        |
| Jackson                       | 15,300<br>4,500  | 6,530<br>990              | 43<br>22%  |        |        |
| Lee                           | 6,100            | 1,770                     | 29         | •      | •      |
| Lincoln                       | 7,000            | 4,060                     | 58         |        |        |
| McDowell                      | 6,700            | 4,220                     | 63         |        |        |
| Macon                         | 4,000            | 400                       | 10         |        |        |
| Madison<br>Martin             | 4,600            | 780<br>2,540              | 17<br>41   |        |        |
|                               | 6,200            |                           |            |        |        |
| Mecklenberg<br>Mitchell       | 58,500<br>3,600  | 35,080<br>970             | 60<br>27   |        |        |
| Montgomery                    | 4,400            | 2,290                     | 52         | •      | •      |
| Moore                         | 8,600            | 2,540                     | 30         | •      | •      |
| Nash                          | 14,300           | 2,190                     | 15         |        |        |
| Northampton                   | 6,200            | 2,300                     | 37         |        |        |
| Orange                        | 8,600            | 3,950                     | 46         | :      | :      |
| Pasquotank<br>Perquimans      | 6,800<br>2,500   | 3,700<br>1,350            | 54<br>54   |        | -      |
| Person                        | 5,500            | 2,200                     | 40         | + 1    | •      |
| Pitt                          | 14,900           | 4,600                     | 31         |        |        |
| Polk                          | 3,200            | 2,020                     | 63         |        |        |
| Randolph                      | 14,100           | 6,080                     | 43         | •      | •      |
| Richmond                      | 10,300           | 5,310                     | 52         | •      | •      |
| Robeson                       | 20,200           | 3,400                     | 17         |        |        |
| Rockingham                    | 17,600           | 7,690                     | 44         | •      |        |
| Rowan<br>Rutherford           | 21,200<br>11,900 | 11,580<br>7,520           | 55<br>63   | -      | -      |
| Scotland                      | 6,300            | 1,420                     | 23         |        |        |
| Stanly                        | 10,700           | 8,380                     | 78         |        |        |
| Stokes                        | 5,100            | 2,240                     | 44         |        |        |
| Surry                         | 11,900           | 5,380                     | 45         |        |        |
| Swain<br>Transvluggig         | 2,300            | 230<br>860                | 10<br>22   |        |        |
| Transylvania<br>Tyrrell       | 3,900<br>1,200   | .320                      | 22<br>27   |        |        |
|                               | 10,600           | 5,470                     | 52         |        |        |
| Union<br>Vance                | 8,000            | 3,470<br>1,660            | 52<br>21   |        |        |
| Wake                          | 36,000           | 11,420                    | 32         | 7,250  | 20%    |
| Warren<br>Warldanten          | 5,100            | 1,070                     | 21         |        |        |
| Washington                    | • 3,100          | 860                       | 28         |        |        |
| Watauga                       | 4,300            | I,140                     | 27         |        |        |
| Wayne<br>Wilkes               | 15,800<br>11,100 | 1,970<br>4,200            | 12<br>38   |        |        |
| Yadkin                        | 5,700            | 3,140                     | 55         | •      | •      |
| Yancey                        | 3,700            | 630                       | 17         |        |        |
| TV counties                   | 920,100          | 388,390                   | 42%        | 24,980 | 3%     |
| other counties                | 136,300          | 7,570                     | 6%         | 910    | 1%     |
| total                         | 1,056,400        | 395,960                   | 37%        | 25,890 | 2%     |
|                               |                  | 210,000                   | ֥ /0       | 741924 | - 70   |
| NORTH DAM                     | OTA              |                           |            |        |        |
|                               |                  | *.b                       |            |        |        |
| TV counties t                 | otal families    | T¥ fai                    | nilies     | UHF fa | milies |
| D                             | 4,500            | 1,140                     | 25%        |        |        |
| Darnes                        |                  |                           | ~~ ,0      |        |        |
| Barnes'<br>Bottineau<br>Burke | 3,200<br>1,700   | 420<br>220                | 13<br>13   |        |        |

| Cass                          | 17,400                 |                   | 32<br>25       |        |        |
|-------------------------------|------------------------|-------------------|----------------|--------|--------|
| Griggs<br>McHenry             | 1,200<br>3,200         | 300<br>420        | 25<br>13%      | -      |        |
| tRansom                       | 2,300                  | 230               | 10             |        |        |
| †Renville<br>†Richland        | 1,500<br>5,300         | 200<br>550        | 13<br>10       |        |        |
| †Sargent                      | 1,700                  | 170               | 10             |        |        |
| †Steele<br>†Traill            | 1,100<br>3,000         | 280<br>750        | 25<br>25       |        |        |
| †Ward                         | 10,200                 | 1,240             | 12             |        |        |
| TV counties<br>other counties | 56,300<br>104,900      | 11,420<br>1,900   | 20%<br>2%      |        |        |
| total                         | 161,200                | 13,320            | 8%             |        |        |
|                               |                        |                   |                |        |        |
| оніо                          |                        |                   |                |        |        |
|                               |                        | mil e             |                |        | • • •  |
| TV counties to                | otal families<br>6,400 | 2 9 40            | 60%            | UHF fa | nuties |
| Allen                         | 28,500                 | 3.840<br>11,750   | 41             | 6,460  | 23%    |
| Ashland<br>Ashtabula          | 10.700<br>25,300       | 7,270<br>19,990   | 68<br>79       | 4,830  | 19     |
| Athens                        | 12,300                 | 5,670             | 46             | -1,000 |        |
| <sup>†</sup> Auglaize         | 9,800                  | 6,310             | 64             |        | +      |
| Belmont<br>Brown              | 26,000<br>7;000        | 12,840<br>4,200   | 49<br>60       |        |        |
| Butler                        | 46,000                 | 40,390            | 88             |        |        |
| Carroll                       | 5,700                  | 3,710             | 65             | *      | •      |
| Champaign<br>Clark            | 8,500<br>35,900        | 5,970<br>28,570   | 70<br>80       |        |        |
| Clermont                      | 13,200                 | 9,710             | 74             |        |        |
| Clinton<br>Columbiana         | 8,400<br>31,000        | 4.760<br>19,710   | 57<br>64       |        |        |
| Coshocton                     | 10,000                 | 2,280             | 23             |        |        |
| Crawford                      | .12,600                | 7,040             | 56             |        |        |
| Cuyahoga<br>Darke             | 439,000<br>13,200      | 399,190<br>10.630 | 91<br>81       |        |        |
| Defiance                      | 8,200                  | 5,190             | 63             | +      | •      |
| Delaware                      | 8,900                  | 6,070             | 68             |        |        |
| Erie<br>Fairfield             | 17,200<br>16,400       | 12,540<br>11,410  | 73<br>70       |        |        |
| Fayette                       | 7,300                  | 4,390             | 60             |        |        |
| Franklin                      | 162,600                | 138,640           | 85             |        |        |
| Fulton<br>Gallia              | 8,000<br>6,700         | 5,760<br>3,190    | 72<br>48       |        |        |
| lGeauga                       | 8,100                  | 6,640             | 82             | •      | •      |
| Greene<br>Guernsey            | 19,500<br>11,600       | 12,470<br>4,080   | 64<br>35       | •      | •      |
| Hamilton                      | 243,200                | 209,060           | 86             |        |        |
| Hancock<br>Hardin             | 15.000<br>9,000        | 10,400<br>5,760   | 69<br>64       |        |        |
| Harrison                      | 5,700                  | 2,000             | 35             | •      |        |
| Henry                         | 6,900                  | 4,280             | 62             | •      | •      |
| Highland<br>Hocking           | 9,400<br>5,600         | 5.670<br>3,860    | 60<br>69       | 7      |        |
| Holmes                        | 5,200                  | 2,810             | 54%            | • '    | •      |
| Huron<br>Jackson              | 12,500<br>8,300        | 7,860<br>4,860    | 63<br>59       |        |        |
| Jefferson                     | 27,700                 | 19,480            | 70             | •      | •      |
| Knox                          | 11,200                 | 6,820             | 61             |        |        |
| Lake<br>Lawrence              | 26,200<br>14,200       | 21,930<br>9,910   | 84<br>70       |        |        |
| Licking                       | 23,300                 | 19,130            | 82             | •      | •      |
| Logan<br>Logan                | 10,200<br>47,100       | 6,540<br>40,440   | 64<br>86       |        |        |
| Lucas                         | 126,800                | 107,100           | 84             |        |        |
| Madison<br>Mahoning           | 6,200<br>74,800        | 3.720<br>43,190   | 60<br>58       | 19,280 | 26%    |
| Marion                        | 16,600                 | 11,710            | 71             | 1and Q |        |
| Medina                        | 13,300                 | 11,070            | 83             |        |        |
| Meigs<br>Mercer               | 7,000<br>8,400         | 3,220<br>2,440    | 46<br>29       |        |        |
| Miami                         | 20,400                 | 17,990            | 88             | •      | •      |
| Monroe                        | 4,300                  | 1,460             | 34             |        |        |
| Montgomery<br>Morgan          | 130,300<br>4,000       | 119,110<br>.1,400 | 91<br>35       | •      | •      |
| Morrow                        | 5,200                  | 3,690             | 71             | 1      | 07     |
| Muskingum                     | 23,400                 | 10,190            | 44             | 6,390  | 27     |
| Noble<br>Ottawa               | . 3,400<br>9,500       | 1,190<br>5,990    | 35<br>63       |        |        |
| Paulding                      | 4,700                  | 1,360             | 29             |        |        |
| Perry<br>Pickaway             | 8,500<br>7,800         | 5,900<br>5,620    | 69<br>72       |        |        |
| Pike                          | 5,600                  | 3,300             | 59             |        |        |
| Portage                       | 19,500                 | 15,900            | 82             | ٠      | •      |
| Preble<br>Putnam              | 8,500<br>7,200         | 6,800<br>4,460    | 80<br>62       |        |        |
| Richland                      | 29,300                 | 20,000            | 68             |        |        |
| Ross                          | 16,000                 | 11,440            | 72             |        |        |
| Sandusky                      | 14,700<br>26,700       | 9,340<br>19,010   | 64<br>71       |        |        |
|                               |                        | 11,710            | 72             |        |        |
| Scioto<br>Seneca              | 16,200                 |                   |                |        |        |
| Scioto<br>Seneca<br>Shelby    | 8,600                  | 5,500             | 64             |        |        |
| Scioto<br>Seneca              |                        |                   | 64<br>81<br>89 | 13,640 | 10     |

|   |                   | •                      |           |        |        |              |
|---|-------------------|------------------------|-----------|--------|--------|--------------|
| †Union  | 6,400             | 4,420                  | 69        |        |        | BR           |
| †Van Wert                                       | 8,900             | 2,660                  | 30        |        |        | BROADCASTING |
| <sup>†</sup> Vinton<br>Warren                   | 2,800<br>12.100   | 1,930<br>8,1 <b>20</b> | 69<br>67  |        |        | ND C         |
| Washington<br>†Wayne                            | 13,700<br>17,500  | 3,730<br>9,430         | 27<br>54  | *      | •      | STI          |
| †Williams                                       | 8,600             | 6,270                  | 73        |        |        | Z            |
| Wood<br><sup>1</sup> Wyandot                    | 17,900<br>6,200   | 15,710<br>4,340        | 88<br>70  |        |        | •            |
| TV counties                                     | 2,517,800         | 1,957,490              | 78%       | 85,380 | 3%     | H            |
| total   | 2,517,800         | 1,957,490              | 78%       | 85,380 | 3%     | ELI          |
| OKLAHOM   | 4                 |                        |           |        |        | ELECASTING   |
| TV counties                                     | total families    | TV fai                 | nilies    | UHF fa | milies | STI          |
| †Adair  | 4,000             | 640                    | 16%       |        |        | NQ           |
| †Alfalfa<br>†Atoka                              | 3,300<br>3,500    | 910<br>460             | 28<br>13  |        |        |              |
| †Beckham<br>†Blaine                             | 7,200<br>4,400    | 890<br>2,160           | 12<br>49  |        |        |              |
| †Bryan  | 8,000             | 1,070                  | 13        |        |        |              |
| Caddo<br>†Canadian                              | 10,200<br>7,700   | 4,500<br>3,700         | 44<br>48  |        |        |              |
| <sup>†</sup> Carter<br><sup>†</sup> Cherokee    | 12,300<br>4,900   | 2,080<br>780           | 17<br>16  |        |        |              |
| †Choctaw  | 5,200             | 620                    | 12        |        |        |              |
| Cleveland<br>†Coal                              | 11,400<br>1,700   | 6,530<br>'220          | 57<br>13  | 1,380  | 12%    |              |
| Comanche<br>†Cotton                             | 17,800<br>2,900   | 10,350<br>870          | 58<br>30  |        |        |              |
| †Craig  | 4,800             | 2,730                  | 57        |        |        |              |
| Creek<br>†Custer                                | 12,700<br>6,500   | 6,640<br>1,840         | 52<br>28  |        |        |              |
| †Delaware<br>†Dewey                             | 4,100<br>2,500    | 1,310 700              | 32<br>28  |        |        |              |
| †Ellis  | 2,300             | 320                    | 14        |        |        |              |
| †Garfield<br>†Garvin                            | 17,600<br>8,800 - | 8,710<br>3,650         | 49<br>41  |        | #a. x  |              |
| Grady<br>†Grant                                 | 10,600<br>3,100   | 4,920<br>870           | 46<br>28  |        | · .    |              |
| †Greer  | 3,400             | 370                    | 11        |        |        |              |
| <sup>†</sup> Harmon<br><sup>†</sup> Harper      | 2,300<br>1,800    | 250<br>250             | 11<br>14  |        |        |              |
| <sup>†</sup> Hughes<br><sup>†</sup> Jackson     | 5,600<br>6,300    | 1,180                  | 21<br>11  |        |        | _            |
| †Jefferson                                      | 3,100             | 930                    | 30        |        |        | 7            |
| †Johnston<br>Kay                                | 2,800<br>16,400   | -360<br>6,410          | 13<br>39  |        | 14     |              |
| <sup>†</sup> Kingfisher<br><sup>†</sup> Kiowa   | 4,000             | 1,960<br>1,980         | 49<br>35  |        |        |              |
| †Lincoln  | 6,500             | 2,340                  | 36        |        |        |              |
| †Logan<br>†Love                                 | 6,800<br>1,700    | 2,430<br>-290          | 36<br>17  |        |        |              |
| †McClain<br>†McCurtain                          | 4,100<br>8,100    | 1,720<br>930           | 42<br>11  |        |        |              |
| †McIntosh                                       | 4,300             | 900                    | 21        |        |        |              |
| †Major<br>†Marshall                             | 3,200<br>2,300    | 900<br>300             | 28<br>13  |        |        |              |
| †Mayes  | 5,600<br>3,300    | 3,180<br>1,550         | 57<br>47  |        |        |              |
| †Murray<br>†Muskogee                            | 20,000            | 8,890                  | 44        |        |        |              |
| †Noble<br>†Nowata                               | 3,800<br>3,900    | 1,860<br>2,210         | 49<br>57  |        |        |              |
| <sup>†</sup> Okfuskee                           | 4,300             | 1,460<br>79,440        | 34<br>68  |        |        |              |
| Oklahoma<br>†Okmulgee                           | 116,500           | 4,570                  | 34        |        |        |              |
| †Osage<br>†Ottawa                               | 10,000            | 5,200<br>3,190         | 52<br>32% |        |        |              |
| †Pawnee   | 4,100             | 2,130                  | 52        | t      | ,      |              |
| Payne<br>Pittsburg                              | 14.000            | 2,750                  | 41<br>24  |        |        |              |
| <sup>†</sup> Pontotoc<br>Pottawatomie           | 8,900             | 4,180<br>3,630         | 47<br>28  |        | 1      |              |
| †Pushmataha                                     | · 3,200           | 380                    | 12        |        |        |              |
| <sup>†</sup> Roger Mills<br><sup>†</sup> Rogers | 2,100             | 3,240                  | 28<br>56  |        |        |              |
| Seminole  | 10,700 5,000      | 3,910<br>830           | 37<br>17  |        |        |              |
| <sup>†</sup> Sequoyah<br>Stephens               | 11,500            | 3,900                  | 34        |        |        |              |
| †Tillman<br>Tulsa                               | 5,000             | 1,480                  | 30<br>75  |        |        |              |
| †Wagoner  | 4,300<br>11,000   | 1;890<br>5,050         | 44<br>46  |        |        |              |
| Washington<br>†Washita                          | 4,900             | 1,720                  | 35        |        |        |              |
| †Woods<br>†Woodward                             | 4,700             | 720<br>570             | 15        |        |        | Ma           |
| TV counties                                     | 668,800           | 311,560                | 47%       | 4,690  | 1%     | rch          |
| other counties                                  | 23,500            | 480                    | 2%        | 480    | 2%     | <u>,</u>     |
| total   | 692,300           | 312,040                | 45%       | 5,170  | 1%     | 19           |
|   |                   |                        |           |        |        | 54           |
| OREGOH  |                   |                        |           |        |        | •            |
| TV counties                                     | total families    | <i>TV fai</i>          | -         | UHF fa |        | P            |
| Clackamas<br>†Clatsop                           | 30,600<br>11,600  | 8,400<br>1,590         | 27%<br>14 | 8,400  | 27%    | ige          |
| †Columbia                                       | 7,500             | 1.050                  | 14        | +      | •      | 93           |

| ELECASTING    | Jackson<br>Marion                                 | 22,500<br>32,900   | 5,470<br>12,670   | 24<br>39 | 12,120          | 37       |
|---------------|---|--------------------|-------------------|----------|-----------------|----------|
| E             | Multnomah   | 175,300            | 83,330            | 48       | 79,790          | 46       |
| N S           | †Tillamook  | 6,600              | 1,120             | 40<br>17 | 730             | 11       |
| E<br>C        | Washington  | 22,600             | 9,650             | 43       | 8,850           | 39       |
| EL.           | †Yamhill  | 11,200             | 1,910             | 17       | 1,140           | 11       |
| -             | TV counties                                       | 320,800            | 125,190           |          | 11,480          | 35 %     |
|               | other counties                                    | 225,700            | 7,130             | 3%       | 3,690           | 2%       |
| •             | total   | 546,500            | 132,320           | 24%      | 115,170         | 21%      |
| c             |   |                    |                   |          |                 |          |
| Z             |   |                    |                   |          |                 |          |
| LS.           | PENNSYLVA   | NIA                |                   |          |                 |          |
| S<br>C        |   |                    | m l c             |          |                 |          |
| BROADCASTING  | TV-counties to                                    | tal families       | TV fan            | ulles    | UHF far         | _        |
| õ             | Adams   | 12,800             | 5,610             | 44%      | 410             | •        |
| ñ.            | Allegheny<br>Armstrong                            | 449,600<br>23,200  | 391,600<br>16,060 | 87<br>69 | 49,890          | 11%      |
|               | Beaver  | 51,200             | 43,050            | 84       | +               | +        |
|               | Bedford   | 11,300             | 8,540             |          |                 |          |
|               | Berks   | 77,500             | 57,580            | 74       | 9,260           | 12 .     |
|               | Blair<br>Bradford                                 | 41,100<br>15,500   | 26,650<br>8,260   | 65<br>53 |                 | •        |
|               | Bucks   | 48,500             | 43,520            | 90%      |                 |          |
|               | Butler  | 28,500             | 21,530            | 76       |                 |          |
|               | Cambria   | 56.100             | 42,660            | 76       | *               | •        |
|               | †Cameron  | 1,900              | 720               | 38       | •               | •        |
|               | <sup>†</sup> Carbon                               | 16,100             | 9,930             | 62<br>50 | *               | •        |
|               | Centre<br>Chester                                 | 17,100<br>44,200   | 10,040<br>42,290  | 59<br>96 |                 |          |
|               |   |                    |                   | 66       |                 |          |
|               | Clarion<br>Clearfield                             | 10,700<br>23,900   | 7,050<br>14,230   | 60       |                 |          |
|               | <sup>†</sup> Clinton                              | 10,700             | 4,110             | 38       | •               | •        |
|               | †Columbia   | 16,200             | 4,850             | 30       | 3,850           | 24%      |
|               | Crawford  | 24,200             | 6,660             | 28       |                 | 0.0      |
|               | Cumberland<br>Dauphin                             | 29,900<br>61,300   | 11,290<br>33,310  | 38<br>54 | 6,580<br>23,030 | 22<br>38 |
|               | Delaware  | 130,100            | 112,680           | 87       | 20,000          |          |
|               | †Elk  | 9,600              | 2,000             | 21       |                 |          |
|               | Erie  | 68,100             | 62,490            | 92       |                 |          |
|               | Fayette   | 52,100             | 39,540            | 76       |                 |          |
|               | <sup>†</sup> Forest<br>Franklin                   | 1,200<br>22,400    | 250<br>11,200     | 21<br>50 | 2,540           | 11       |
|               | <sup>1</sup> Fulton                               | 2,900              | 1,130             | 39       | 2,010           | ••       |
|               | Greene  | 12,500             | 5,340             | 43       |                 |          |
|               | <sup>†</sup> Huntingdon                           | 11,400             | 4,460             | 39       |                 |          |
|               | Indiana   | 21,200             | 10,010            | 47       |                 |          |
|               | Jefferson<br>1 Juniata                            | 14,200<br>4,400    | 8,180<br>700      | 58<br>16 |                 |          |
|               | Lackawanna  | 72,200             | 49,560            | 69       | 40,820          | 57       |
|               | Lancaster   | 69,800             | 50,090            | 72       |                 | •        |
|               | Lawrence  | 31,300             | 20,490            | 65       | 4,740           | 15       |
|               | Lebanon   | 26,300             | 17,630            | 67       | 6,090           | 23       |
|               | Lehigh<br>Luzerne                                 | 59,400<br>107,400  | 47,940<br>53,550  | 81<br>50 | 45,100 '        | 42       |
|               |   |                    |                   |          |                 |          |
|               | Lycoming<br>McKean                                | 31,600<br>17,200   | 5,630<br>8,190    | 18<br>48 |                 |          |
|               | Mercer  | 33,000             | 18,310            | 55       | 5,650           | 17       |
|               | Mifflin   | 12,700             | 5,110             | 40       |                 |          |
|               | <sup>1</sup> Monroe                               | 10,400             | 6,450             | 62       |                 |          |
|               | Montgomery<br>†Montour                            | 104,600<br>3,700   | 92,040<br>.1,110  | 88<br>30 | 800             | 24       |
|               | Northampton                                       | 54,400             | 38,430            | 71       | 890<br>*        | •        |
|               | Northumberlan                                     | id 33,700          | 8,050             | 24       | 3,840           | 11       |
|               | <sup>1</sup> Perry                                | 7,300              | 1,200             | 16       | *               | 4        |
|               | Philadelphia                                      | 627,100            | 543,100           | 87       |                 |          |
|               | <sup>†</sup> Pikc<br><sup>†</sup> Potter          | 3,100<br>4,900     | 960<br>1,720      | 31<br>35 | •               | ~        |
|               | Schuylkill  | 56,200             | 37,000            | 66       | 13,640          | 24       |
|               | †Snyder   | 6,400              | 830               | 13       | •               |          |
|               | Somerset  | 22,500             | 11,630            | 52       |                 | 94       |
|               | <sup>1</sup> Sullivan<br><sup>1</sup> Susquehanna | 1,600<br>9,000     | 480<br>5,190      | 30<br>58 | 380<br>1,450    | 24<br>16 |
|               | †Tioga  | 10,700             | 3,740             | 35       | -,              |          |
|               | Union   | 6,000              | 780               | 13       | •               |          |
|               | Venango   | 18,800             | 7,740             | 41       |                 |          |
|               | Warren<br>Washingtou                              | 12,200<br>60,300   | 4,240<br>48,090   | 35<br>80 |                 |          |
|               | †Wayne  | <sup>3</sup> 8,100 | 2,550             |          | *               | •        |
|               | Westmoreland                                      |                    | 69,110            | 77       | •               | +        |
|               | †Wyoming  | 4,900              | 2,790             | 57       | 780             | 16%      |
|               | York  | 63,800             | 45,390            | 71       | 14,180          | , 22     |
|               | TV counties                                       | 3,102,200          | 2,276,640         | 73%      | 257,860         | 8%       |
|               | total   | 3,102,200          | 2,276,640         | 73%      | 257,860         | 8%       |
|               |   |                    |                   |          |                 |          |
| 5             |   |                    |                   |          |                 |          |
| 19.           |   |                    |                   |          |                 |          |
| -             | RHODE ISL   | AND                |                   |          |                 |          |
| ،<br>مع       | <i></i>   |                    |                   |          |                 |          |
| rel           | TV counties                                       | total families     | TV fe             | milies   | UHF             | amilies  |
| March 1, 1954 | Bristol   | 8,700              | 8,540             | 98%      |                 |          |
| 4             | Kent<br>Newport                                   | 25,900             | 21,350            |          |                 |          |
| •             | Providence  | 17,300<br>177,300  | 13,910<br>164,030 | 80<br>93 |                 |          |
|               | Washington  | 14,600             | 9,890             | 50<br>68 |                 |          |
| 1             | TV Mer  | 043 800            |                   |          |                 | -        |

217,720 89% 217,720 89%

243,800

243,800

2

Page

TV counties

total

| SOUTH CA         | ROLINA          |                |          |        |        |
|------------------|-----------------|----------------|----------|--------|--------|
| TV counties      | total families  | TV far         | nilies   | UHF fa | milies |
| Abbeville        | 5,700           | 1,430          | 25%      | ٠      |        |
| Aiken            | 19,200          | 2,350          | 12       |        |        |
| Anderson         | 24,200          | 4,800          | 20       | 3,720  | 15%    |
| Beaufort         | 6,600           | 1,210          | 18       |        |        |
| Berkeley         | 6,900           | 2,550          | 37       |        |        |
| Calhoun          | 3,400           | 650            | 19       | 370    | 11.    |
| Charleston       | 47,600          | 24,760         | 52       |        |        |
| Cherokee         | 8,700           | 5,690          | 65       |        |        |
| Chester          | 8,200           | 4,670<br>2,880 | 57<br>35 |        |        |
| Chesterfield     | 8,300           | <u>∠</u> ,000  |          |        |        |
| Clarendon        | 6,700           | · 1,010        | 15       |        |        |
| Colleton         | 7,300           | 1,790          | 25       | •      |        |
| Darlington       | 12,300          | 3,310          | 27       |        |        |
| Dillon           | 6,800           | 1,700          | 25<br>24 |        |        |
| Dorchester       | 5,700           | 1,370          | 24       | 450000 |        |
| Edgefield        | 3,800           | 1,220          | 32       |        |        |
| Fairfield        | 4,900           | 2,790          | 57       |        |        |
| Florence         | 20,100          | 9,560          | 48       |        |        |
| Georgetown       | 7,800           | 2,890          | 37       | 10 200 | •      |
| Greenville       | 49,200          | 19,880         | 40       | 12,330 | 25     |
| Greenwood        | 11,200          | 2,840          | 25       | ٠      | 0.     |
| Hampton          | 4,500           | 860            | 19       |        |        |
| Jasper           | 2,700           | 510            | 19       |        |        |
| Kershaw          | 7,700           | 3,480          | 45       | ٠      | ٠      |
| Lancaster        | 9,200           | 5,150          | 56       |        |        |
| Laurens          | 11,800          | 3,360          | 28       |        | ٠      |
| Lee              | 4,800           | 2,210          | 46       | - 0    | ٠      |
| Lexington        | 12,200          | 4,760          | 39       | 3,000  | 25     |
| McCormick        | 2,100           | 530            | 25       | •      |        |
| Marion           | 7,900           | 2,000          | 25       |        |        |
| Marlboro         | 7,500           | 2,630          | 35%      |        |        |
| Newberry         | 8,500           | 2,760          | 32       |        |        |
| Oconce           | 9,600           | 1,540          | 16       | 1,340  | 149    |
| Orangeburg       | 16,400          | 3,080          | 19       | 1,850  | 11     |
| Pickens          | 10,400          | 1,680          | 16       | 1,450  | 14     |
| Richland         | 41,700          | 14,370         | 34       | 11,500 | 28     |
| Saluda           | 3,800           | 1,220          | 32       | •      | •      |
| Spartanburg      | 40,600          | 22,550         | 56       |        |        |
| Sumter           | 14,300          | 3,370          | 24       |        | •      |
| Union            | 7,700           | 5,080          | 66       |        |        |
| Williamsburg     | 9,300           | 1,320          | 14       | •      | •      |
| York             | 18,600          | 10,620         | 57       |        |        |
| TV counties      | 525,900         | 192.430        | 37%      | 44,780 | 99     |
| other counties   | 28,700          | 1,980          | 7%       |        |        |
| total            | 5.54,600        | 194,410        | 35%      | 44,780 | 87     |
| SOUTH DA         | KOTA            |                |          |        |        |
| TV counties      | total families  | TV fa          | milies   | UHF fa | milie  |
| Bon Homme        | 2,800           | 500            | 18%      |        |        |
| Brookings        | 5,200           | 760            | 15       |        |        |
| Clay             | 3,300           | 1,420          | 43       |        |        |
| Hutchinson       | 3,300           | 590            | 18       |        |        |
| Kingsbury        | 2,900           | 460            | 16       |        |        |
| Lake             | 3,300           | 530            | 16       |        |        |
| Lincoln          | 3,800           | 1,640          | 43       |        |        |
| Minnehaha        | 23,100<br>2,600 | 4,270<br>420   | 18<br>16 |        |        |
| Moody<br>Turner  | 3,700           | 420            | 43       |        |        |
|                  |                 |                |          |        |        |
| Union<br>Yankton | 3,300<br>4,300  | 1,420<br>810   | 43<br>19 |        |        |
| TV counties      | 61,600          | 14,410         | 23%      |        |        |
| other counties   | 127,400         | 3,480          | 3%       |        |        |
| total            | 189,000         | 17,890         | 9%       |        |        |
| TENNESSE         | E               |                |          |        |        |
| TV counties      | total families  | TV fa          | nsilies  | UHF fa | milie  |
| Anderson         | 16,200          | 5,970          | 37%      | 2,930  | 189    |
| Bedford          | 6,900           | 3,310          | 48       |        | - /    |
| Dealora          | 0,200           |                |          |        |        |

| Gibson   | 14,400          | 2,740          | 19        |        |       |
|--|-----------------|----------------|-----------|--------|-------|
| †Giles   | 7,100           |                | 13        |        |       |
| †Grainger<br>†Greene                             | 3,000<br>10,900 |                | 14<br>13  | •      | -     |
| †Grundy  | 3,000           |                | 36        |        |       |
| Hamilton   | 62,500          | 11,190         | 18        |        |       |
| †Hancock   | 2,100           | 290            | 14        |        | •     |
| †Hardeman  | 5,200           | •              | 51        |        |       |
| <sup>†</sup> Hardin                              | 4,300           | 1,200<br>910   | 28<br>12  |        |       |
| <sup>†</sup> Hawkins                             | 7,600           |                |           |        |       |
| *Haywood   | 6,300<br>4,500  | 3,210<br>540   | 51<br>12  |        |       |
| <sup>†</sup> Henderson<br><sup>†</sup> Henry     | 7,000           | 1,470          | 2]        |        |       |
| †Hickman   | 3,300           | 1,490          | 45        |        |       |
| <sup>†</sup> Houston                             | 1,100           | 520            | 47        |        |       |
| †Humphreys                                       | 3,000           | 1,410          | 47        |        |       |
| †Jackson   | 2,800           | 1,060          | 38        |        |       |
| †Johnson   | 2,800           | 760            | 27<br>26  | 12,850 | 20%   |
| Knox<br>†Lake                                    | 65,600<br>3,000 | 16,880<br>750  | 25        | 12,030 | 2070  |
|  |                 | <i>.</i>       |           |        |       |
| <sup>†</sup> Lauderdale<br><sup>†</sup> Lawrence | 6,700<br>7,400  | 3,400<br>1,010 | 51<br>14  |        |       |
| †Lewis   | 1,500           | 680            | 45        |        |       |
| †Lincoln   | 6,800           | 820.           | 12        |        |       |
| †Loudon  | 6,300           | 1,450          | 23        | •      | •<br> |
| <sup>†</sup> McMinn                              | 8,600           | 1,030          | 12        |        |       |
| †McNairy   | 5,300           | 1,460          | 28        |        |       |
| <sup>†</sup> Macon<br>Madison                    | 3,700           | 1,430<br>5,590 | 39<br>32  |        |       |
| †Marion  | 17,500<br>5,100 | 1,840          | 36        |        |       |
|  |                 | 2,760          | 53        |        |       |
| †Marshall<br>†Maury                              | 5,200<br>11,500 | 5,140          | 45        |        |       |
| †Meigs   | 1,300           | 260            | 20        |        |       |
| <sup>†</sup> Monroe                              | 5,800           | 1,330          | 23        | *      | •     |
| <sup>†</sup> Montgomery                          | 11,700          | 5,440          | 46        |        |       |
| <sup>†</sup> Moore                               | 1,200           | 160            | 13        |        |       |
| †Morgan  | 3,300           | 500            | 15<br>25  |        |       |
| †Obion<br>†Overton                               | 8,600<br>4,200  | 2,110<br>630   | 15        |        |       |
| †Perry   | 1,400           | 150            | 11 .      |        |       |
| <sup>1</sup> Pickett                             | 900             | 140            | 15        |        |       |
| †Polk  | 3,300           | 400            | 12        |        |       |
| †Putnam  | 8,200           | 3,030          | 37        |        |       |
| †Rhea  | 4,100           | 800            | 20%<br>23 | •      | •     |
| †Roane   | 8,500           | 1,960          | -         |        |       |
| <sup>†</sup> Robertson                           | 7,300           | 4,110          | 56        |        |       |
| Rutherford<br><sup>1</sup> Scott                 | 11,300<br>4,100 | 7,770<br>410   | 69<br>10  |        |       |
| <sup>†</sup> Sequatchie                          | 1,300           | 260            | 20        |        |       |
| Shelby   | 148,000         | 115,100        | 78        |        |       |
| †Smith   | 3,600           | 1,370          | 38        |        |       |
| †Stewart   | 2,100           | 990            | 47        |        |       |
| Sullivan   | 27,500          | 9,320          | 34        |        |       |
| <sup>†</sup> Sumner                              | 9,300           | 5,550<br>2,660 | 60<br>35  |        |       |
| Tlipton  | 7,700           | 2,660          |           |        |       |
| †Trousdale                                       | 1,600           | 610            | 38<br>17  |        |       |
| †Unicoi<br>†Union                                | 4,000<br>1,800  | 680<br>250     | 17<br>14  | •      |       |
| <sup>†</sup> Van Buren                           | 800             | 160            | 20        |        |       |
| †Warren  | 6,500           | 2,300          | 35        |        |       |
| †Washington                                      | 15,800          | 2,650          | 17        |        |       |
| †Wayne   | 3,400           | 370            | 11        |        |       |
| t Weakley  | 8,200           | 1,740          | 21<br>29  |        |       |
| †White<br>†Williamson`                           | 4,200<br>6,200  | 1,600<br>3,280 | 38<br>53  |        |       |
|  |                 |                | 60        |        |       |
| †Wilson  | 7,600           | 4,560          |           |        |       |
| TV countles                                      | 892,800         | 379,220        | 42%       | 19,320 | 2%    |
| other counties                                   | 23,100          | 1,970          | 9%        | AP     |       |
| total  | 915,900         | .381,190       | 42%       | 19,320 | 2%    |
|  |                 |                |           |        |       |

| TV counties             | total families | TV fa  | milies | UHF fa     | milies |
|-------------------------|----------------|--------|--------|------------|--------|
| Anderson                | 16,200         | 5,970  | 37%    | 2,930      | 18%    |
| <sup>†</sup> Bedford    | 6,900          | 3,310  | 48     |            |        |
| <sup>†</sup> Benton     | 3,200          | 450    | 14     |            |        |
| <sup>†</sup> Bledsoe    | 1,600          | 320    | 20     |            |        |
| Blount                  | 15,200         | 4,200  | 28     | 1,680      | 11     |
| <sup>†</sup> Bradley    | 8,900          | 1,030  | 12     |            |        |
| <sup>†</sup> Campbell   | 8,400          | 890    | 11     | *          | ٠      |
| <sup>†</sup> Cannon     | 2,300          | 1,100  | 48     |            |        |
| <sup>†</sup> Carroll    | 7,700          | 1,090  | 14     |            | 24     |
| <sup>†</sup> Carter     | 11,100         | 3,030  | 27     |            | 5.1    |
| †Cheatliam              | 2,200          | 1,250  | 57     | -          |        |
| <sup>†</sup> Chester    | 2,900          | 810    | 28     |            |        |
| <sup>†</sup> Claiborne  | 5,700          | 830    | 15     | <b>₽</b> 1 | ٠      |
| †Clay                   | 2,100          | 800    | 38%    |            |        |
| <sup>†</sup> Coffee     | 7,300          | 3,530  | 48     |            |        |
| <sup>†</sup> Crockett   | 4,400          | 1,670  | 38     |            |        |
| <sup>1</sup> Cumberland | 4,700          | 750    | 16     |            | r      |
| Davidson                | 96,400         | 76,730 | 80     |            |        |
| †Decatur                | 2,500          | 280    | 11     |            |        |
| <sup>†</sup> De Kalb    | 2,600          | 990    | 38     | _          |        |
| †Dickson                | 5,300          | 3,020  | 57     |            |        |
| <sup>†</sup> Dyer       | 9,400          | 3,560  | 38     |            |        |
| †Fayette                | 6,100          | 2,140  | 35     |            |        |
| <sup>†</sup> Fentress   | 3,400          | 510    | 15     |            |        |
| †Franklin               | 6,400          | 830    | 13     |            |        |

| TV counties            | ounties total families TV families |         | UHF families |                       |
|------------------------|------------------------------------|---------|--------------|-----------------------|
| †Anderson              | 9,000                              | 1,420   | 16%          |                       |
| Angelina               | 11,100                             | 2,540   | 23           |                       |
| †Aransas               | 1,200                              | 250     | 21           |                       |
| <sup>†</sup> Archer    | 1,800                              | 380     | 21           |                       |
| <sup>†</sup> Armstrong | 500                                | 80      | 16           | -                     |
| †Atascosa              | 4,900                              | 2,590   | 53           | · #                   |
| †Austin                | 4,500                              | 1,350   | 30           |                       |
| †Bailey                | 2,200                              | 1,080   | 49           |                       |
| †Bandera               | 1,100                              | 670     | 61           |                       |
| †Bastrop               | 5,400                              | 1,540   | 29           |                       |
| †Baylor                | 2,200                              | 460     | 21           | d Ba                  |
| †Bee                   | 5,000                              | 2,150   | 43           |                       |
| Bell -                 | 23,000                             | 7,320   | 32           |                       |
| Bexar                  | 142,200                            | 104,880 | 74           |                       |
| †Blanco                | 1,300                              | 340     | 26           |                       |
| †Borden                | 200                                | 40      | 18           |                       |
| †Bosque                | 3,400                              | 680     | 20           | •                     |
| Bowie                  | 20,000                             | 1,980   | 10           |                       |
| Brazoria               | 15,700                             | 8,780   | 56           |                       |
| Brazos                 | 11,200                             | 2,120   | 19           | and the second second |
| Brewster               | 1,900                              | 280     | 15           |                       |
| *Briscoe               | 900                                | 140     | 16           |                       |
| +Brooks                | 2,700                              | 510     | 19           |                       |

| <sup>†</sup> Burleson<br><sup>†</sup> Caldwell   | 3,400<br>5,000   | 950<br>1,400  | 28%<br>28   |  |
|--|--|---|---|--|
| †Calhoun   | 3,000  | 630   | 21  |  |
| <sup>†</sup> Callshan<br><sup>†</sup> Cameron  | 2,700<br>36,000  | 430<br>9,560  | 16<br>27  |  |
| †Camp<br>†Carson   | 2,600<br>1,800   | 650<br>290  | 25<br>16  | <b>, .</b>                             |
| †Cass  | 6,800  | 1,760   | 26  |  |
| <sup>†</sup> Castro<br><sup>†</sup> Chambers   | 1,600<br>2,300   | 260<br>1,330  | 16<br>58  |  |
| Cherokee   | 10,200   | 1,210   | 12  | • •                                    |
| †Childress<br>†Claý  | 3,700  | 590   | 16<br>53  |  |
| <sup>†</sup> Cochran   | 3,000<br>1,700-  | 1,590<br>830  | 49  |  |
| <sup>†</sup> Coke<br><sup>†</sup> Coleman  | 1,200<br>4,400   | 200<br>750  | 17<br>17  |  |
| <sup>†</sup> Collin  | 12,600   | 5,130   | 41  |  |
| <sup>†</sup> Collingsworth<br><sup>†</sup> Colorado  | 2,400<br>5,300   | 380<br>1,700  | 16<br>32  |  |
| +Comal   | 5,200  | 1,390   | 27  |  |
| †Concho<br>†Cooke  | 1,400<br>6,500   | 220<br>3,480  | 16<br>54  |  |
| †Cottle  | 1,500  | 300   | 20  |  |
| †Crosby<br>†Culberson  | 2,700<br>500   | 1,110<br>70   | 41<br>14  |  |
| <sup>†</sup> Dallam  | 2,400  | 1,340   | 56  |  |
| Dallas<br>†Deaf Smith  | 222,600<br>3,100   | 161,280   | 72  |  |
| †Delta   | 2,200  | 350   | 16  |  |
| <sup>†</sup> Denton<br><sup>†</sup> De Witt  | 12,000<br>6,700  | 6,080<br>2,010  | 51<br>30  |  |
| †Dickens   | 1,800  | 360   | 20  |  |
| †Dimmit<br>†Donle <del>y</del>   | 2,400<br>1,600   | 770<br>260  | 32<br>16  |  |
| †Duval   | 3,300  | 1,020   | 31  |  |
| <sup>†</sup> Eastland<br>Ellis   | 7,500<br>13,500  | 1,190<br>6,350  | 16<br>47  |  |
| El Paso  | 56,100   | 39,380  | 70  |  |
| †Erath<br>†Falls   | 5,700<br>7,100   | 1,110<br>1,420  | 19<br>20  | • •                                    |
| <sup>†</sup> Fayette   | 7,000  | 2,240   | 32  |  |
| <sup>†</sup> Fisher  | 2,90   | 590   | -21   |  |
| †Floyd<br>†Foard   | 3,200<br>1,000   | 1,310<br>200  | 41<br>20.   |  |
| <sup>†</sup> Fort Bend<br><sup>†</sup> Franklin  | 7,800<br>1,600   | 2,350<br>220  | 30<br>14  | • •                                    |
| +Frio  | 2,700  | 1,430   | 53  |  |
| Galveston<br>†Garza  | 38,000<br>1,800  | 15,900<br>320   | 42<br>18  |  |
| <sup>†</sup> Gillespie   | 3,300  | 530   | 16  |  |
| †Golĭad<br>†Gonzales   | 1,300<br>5,300   | 270<br>1,640  | 21<br>31  |  |
| †Gray  | 7,900  | 1,640   | 21  |  |
| Grayson<br>Gregg   | 22;400<br>19,100   | 6,010<br>5,320  | 27<br>28  | 3,710 19%                              |
| †Grimes  | 4,000  | 1,760   | 44%   | 0,110 17/0                             |
|  |  |   |   |  |
| †Guadalupe   | 7,100  | 2,680   | 38  |  |
| †Guadalupe<br>THale<br>†Hall   |  |   | 41<br>16  |  |
| "Hale<br><sup>†</sup> Hall<br><sup>†</sup> Hamilton  | 7,100<br>9,300<br>3,000<br>3,300   | 2,680<br>.3,790<br>480<br>660   | 41<br>16<br>20  | • •                                    |
| ⊤Hale<br>†Hall   | 7,100<br>9,300<br>3,000  | 2,680<br>.3,790<br>480  | 41<br>16  | • •                                    |
| <sup>T</sup> Hale<br><sup>†</sup> Hall<br><sup>†</sup> Hamilton<br><sup>†</sup> Hansford<br><sup>†</sup> Hardeman<br><sup>†</sup> Hardin   | 7,100<br>9,300<br>3,000<br>3,300<br>1,200<br>3,200<br>6,000  | 2,680<br>.3,790<br>480<br>660<br>670<br>680<br>1,230  | 41<br>16<br>20<br>56<br>21<br>21  | • •                                    |
| <sup>T</sup> Hale<br><sup>†</sup> Hall<br><sup>†</sup> Hamilton<br><sup>†</sup> Hansford<br><sup>†</sup> Hardeman<br><sup>†</sup> Hardin<br>Harris<br>Harrison   | 7,100<br>9,300<br>3,300<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000  | 2,680<br>.3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,790  | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14  | •••                                    |
| <sup>T</sup> Hale<br><sup>†</sup> Hall<br><sup>†</sup> Hamilton<br><sup>†</sup> Hansford<br><sup>†</sup> Hardeman<br><sup>†</sup> Hardin<br>Harris<br>Harrison<br><sup>†</sup> Hartley   | 7,100<br>9,300<br>3,000<br>3,300<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400  | 2,680<br>.3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,790<br>220   | 41<br>16<br>20<br>56<br>21<br>21<br>21<br>69<br>14<br>56  | • •<br>•<br>•<br>•                     |
| <sup>T</sup> Hale<br><sup>†</sup> Hall<br><sup>†</sup> Hamilton<br><sup>†</sup> Hansford<br><sup>†</sup> Hardeman<br><sup>†</sup> Hardin<br>Harris<br>Harrison   | 7,100<br>9,300<br>3,300<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000  | 2,680<br>.3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,790  | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14  | • •<br>•<br>•<br>•                     |
| THale<br>THall<br>THamilton<br>THardeman<br>THardeman<br>THardin<br>Harris<br>Harrison<br>THartley<br>THaskell<br>THays<br>THemphill   | 7,100<br>9,300<br>3,000<br>3,300<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300   | 2,680<br>3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,790<br>220<br>640<br>1,220<br>260   | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>26<br>20  | • •                                    |
| THale<br>THale<br>THanilton<br>THansford<br>THardeman<br>THardin<br>Harrison<br>THarrison<br>THarley<br>THaskell<br>THays<br>THays<br>THemphill<br>THenderson<br>Hidalgo   | 7,100<br>9,300<br>3,000<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>4,700<br>1,300<br>4,700<br>1,300  | 2,680<br>3,790<br>480<br>660<br>670<br>680<br>201,260<br>1,790<br>220<br>640<br>1,220<br>260<br>930<br>13,370   | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>20<br>15<br>31  | • •<br>• •<br>•                        |
| THale<br>THale<br>THanilton<br>THansford<br>THardeman<br>THardin<br>Harris<br>Harrison<br>THarley<br>THaskell<br>THays<br>THays<br>THenphill<br>THenderson<br>Hidalgo<br>THill   | 7,100<br>9,300<br>3,000<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>4,700<br>1,300<br>4,700<br>1,300<br>4,700<br>9,200  | 2,680<br>3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,230<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780   | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>26<br>20<br>15<br>31<br>52  | • •                                    |
| THale<br>THale<br>THall<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THood  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>6,200<br>1,400  | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>201,260<br>1,790<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670   | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>26<br>20<br>15<br>31<br>52<br>49<br>48  | • •                                    |
| THale<br>THale<br>THall<br>THamilton<br>THardeman<br>THardin<br>Harrison<br>THartley<br>THaskell<br>THaskell<br>THaskell<br>THaskell<br>THanphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>THOOD<br>TH | 7,100<br>9,300<br>3,000<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>4,700<br>1,300<br>4,700<br>9,200<br>6,700<br>1,400<br>6,700   | 2,680<br>3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,230<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>0  | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>20<br>15<br>31<br>52<br>49  | • •                                    |
| THale<br>THale<br>THall<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THood  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>6,200<br>1,400  | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>201,260<br>1,790<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670   | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>26<br>20<br>15<br>31<br>52<br>49<br>48<br>16  | • •                                    |
| THale<br>THale<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THartley<br>THartley<br>THaskell<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THook<br>THookins<br>THoward<br>THoward<br>THudspeth<br>Hunt  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,400<br>1,200<br>12,700  | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>1,070<br>1,480<br>150  | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>16<br>20<br>15<br>31<br>52<br>49<br>48<br>16<br>18<br>18<br>14<br>68  | • •                                    |
| THale<br>THale<br>THanilton<br>THansford<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THOC<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>THOCH<br>T                             | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>1,200<br>4,000<br>3,900<br>4,700<br>1,300<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>8,200<br>1,100<br>1,200<br>1,100<br>2,300  | 2,680<br>3,790<br>480<br>660<br>700<br>680<br>1,230<br>201,260<br>1,230<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>6,70<br>1,070<br>1,480<br>1,50<br>8,580<br>6,140<br>1,220   | 41           16           20           56           21           669           14           56           16           20           15           31           52           49           48           16           18           14           68           55           53   | • •<br>•<br>•<br>•<br>•                |
| THale<br>THale<br>THali<br>THardin<br>THardin<br>Harris<br>Harrison<br>THardin<br>Harris<br>Harrison<br>Tharkell<br>Thays<br>Thaskell<br>Thays<br>Themphill<br>Themphill<br>Thenderson<br>Hidalgo<br>Thill<br>Thockley<br>Thill<br>Thockley<br>Thokney<br>Thokney<br>Thokseth<br>Hunt<br>Thutthinson   | 7,100<br>9,300<br>3,000<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>8,200<br>8,200<br>1,100  | 2,680<br>3,790<br>480<br>660<br>70<br>680<br>1,230<br>201,260<br>1,220<br>2640<br>1,220<br>2660<br>2660<br>2660<br>2650<br>2650<br>2650<br>2650<br>2  | 41<br>16<br>20<br>56<br>21<br>21<br>69<br>14<br>56<br>16<br>16<br>20<br>15<br>31<br>52<br>49<br>48<br>16<br>18<br>14<br>68<br>55  | • •                                    |
| THale<br>THale<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THartley<br>THartley<br>THaskell<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THood<br>THookins<br>THoward<br>THookins<br>THoward<br>THutchinson<br>Jack<br>Jackson<br>TJackson<br>TJack<br>TJackson<br>TJack   | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,400<br>5,500<br>500  | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>201,260<br>1,220<br>240<br>930<br>1,220<br>930<br>1,220<br>930<br>1,3,270<br>4,780<br>3,250<br>6,70<br>1,070<br>1,480<br>150<br>1,400<br>1,200<br>1,410<br>1,100<br>70   | 41         16           20         56           21         21           69         14           56         20           16         26           20         15           31         52           49         48           16         18           14         68           553         337           20         14   | • •                                    |
| THale<br>THale<br>THall<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THenderson<br>Hidalgo<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley<br>Thockley   | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>1,400<br>1,200<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000     | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>220,260<br>1,220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>1,070<br>1,4780<br>3,250<br>6,70<br>1,070<br>1,480<br>1,59<br>8,580<br>6,140<br>1,220<br>1,410  | 41<br>16<br>20<br>56<br>21<br>21<br>21<br>69<br>14<br>55<br>16<br>26<br>20<br>15<br>31<br>52<br>49<br>48<br>16<br>16<br>18<br>14<br>16<br>53<br>37<br>20<br>20<br>20<br>20<br>20<br>21<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20  | • •                                    |
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THale<br>THale<br>THanilton<br>THansford<br>THardeman<br>THardin<br>Harrison<br>THarley<br>THarkell<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>Thookley<br>THookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thook   | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>1,200<br>6,700<br>1,400<br>6,700<br>1,200<br>1,100<br>1,200<br>5,500<br>500<br>64,000<br>1,200<br>5,500<br>500<br>64,000<br>1,200<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,500<br>5,5 | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>201,260<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>1,070<br>1,4780<br>1,480<br>1,220<br>1,470<br>1,410<br>1,210<br>2,530<br>1,410<br>1,210<br>1,450  | 41           16           20           21           69           14           69           26           20           15           31           52           49           48           55           33           37           20           14           40           10           19   | • •                                    |
| THale<br>THale<br>THall<br>THAMILT<br>THAMILT<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION<br>THATION   | 7,100<br>9,300<br>3,000<br>3,200<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>4,000<br>3,900<br>4,700<br>1,300<br>6,200<br>4,700<br>1,300<br>6,200<br>4,700<br>1,200<br>6,700<br>1,200<br>1,100<br>12,700<br>11,100<br>2,300<br>3,800<br>5,500<br>500<br>64,000<br>1,200<br>7,700<br>10,200  | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>220,260<br>1,220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>1,070<br>1,4780<br>3,250<br>6,10<br>1,070<br>1,480<br>1,220<br>1,410<br>1,100<br>70<br>25,830<br>1,200<br>1,450<br>5,370  | 41           16           20           21           69           14           56           21           21           69           14           56           15           31           52           49           48           16           18           14           68           37           20           14           40           10           19           53   | • •<br>•<br>ອີ                         |
| THale<br>THale<br>THali<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THenderson<br>Hidalgo<br>THenderson<br>Hidalgo<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>Thoward<br>Thoughthis<br>Thoward<br>Thutchinson<br>TJack<br>TJack<br>TJasper<br>TJeff Davis<br>Jefferson<br>TJim Wells<br>TJonson<br>Thones<br>Tkarnes  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>1,200<br>4,000<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>8,200<br>1,100<br>1,100<br>1,100<br>1,200<br>3,800<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,   | 2,680<br>3,790<br>480<br>660<br>700<br>680<br>1,230<br>201,260<br>1,220<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>6,70<br>1,070<br>1,480<br>1,220<br>1,410<br>1,100<br>1,200<br>1,450<br>5,330<br>1,450<br>1,520   | 41         16           20         56           21         69           14         56           20         15           31         55           53         37           20         14           40         10           19         53           37         21           37         37   | • •<br>•<br>•<br>•<br>•<br>•           |
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| THale<br>THale<br>THali<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THarley<br>THaskell<br>THays<br>THenderson<br>Hidalgo<br>THenderson<br>Hidalgo<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>THockley<br>Thoward<br>Thoughthis<br>Thoward<br>Thutchinson<br>TJack<br>TJack<br>TJasper<br>TJeff Davis<br>Jefferson<br>TJim Wells<br>TJonson<br>Thones<br>Tkarnes  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>1,200<br>4,000<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>8,200<br>1,100<br>1,100<br>1,100<br>1,200<br>3,800<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>64,000<br>1,200<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,000<br>5,   | 2,680<br>3,790<br>480<br>660<br>700<br>680<br>1,230<br>201,260<br>1,220<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>6,70<br>1,070<br>1,480<br>1,220<br>1,410<br>1,100<br>1,200<br>1,450<br>5,330<br>1,450<br>1,520   | 41         16           20         56           21         69           14         56           20         15           31         55           53         37           20         14           40         10           19         53           37         21           37         37   | • •<br>•<br>•<br>•<br>•<br>•           |
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THale<br>THale<br>THall<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THartley<br>THartley<br>THaskell<br>THaskell<br>THaskell<br>THaskell<br>THaskell<br>THockley<br>THood<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley 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7,100<br>9,300<br>3,000<br>3,200<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,200<br>43,700<br>9,200<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,100<br>12,700<br>11,100<br>2,300<br>3,800<br>5,500<br>64,000<br>1,200<br>6,800<br>4,100<br>7,700<br>10,200<br>6,800<br>4,100<br>7,900<br>1,000<br>4,000<br>7,900<br>1,000<br>4,000<br>7,000<br>1,000<br>1,000<br>6,000<br>1,000<br>1,000<br>6,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,0   | 2,680<br>3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,220<br>220<br>640<br>1,220<br>260<br>260<br>1,220<br>260<br>1,3370<br>4,780<br>3,250<br>670<br>1,070<br>1,480<br>1,220<br>1,480<br>1,220<br>1,480<br>1,220<br>1,410<br>1,200<br>1,450<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520  | 41         16           20         56           21         21           69         14           56         20           15         31           52         49           48         16           18         14           68         55           53         37           20         14           40         10           19         53           21         37           37         21           37         14           61         19           19         18 | • •                                    |
| THale THale Hale Hali Hamilton Hardin Hardin Harrison Harrison Harrison Harrison Harrison Harrison Harrison Harrison Haskell Hockley Hood Hood Holdsgo Hunt Hutchinson Haskeson Jasker Jasker Jefferson Jaskerson Johnson Tones Kaufman Kentdall Kent Kerr Kinble  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,700<br>1,300<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,100<br>12,700<br>11,100<br>2,300<br>3,800<br>5,500<br>500<br>64,000<br>1,200<br>7,700<br>10,200<br>6,800<br>4,100<br>7,900<br>1,700<br>1,200<br>1,200<br>6,800<br>4,000<br>1,200<br>1,200<br>1,200<br>1,200<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,200<br>1,100<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000    | 2,680<br>3,790<br>480<br>660<br>700<br>670<br>201,260<br>1,230<br>201,260<br>220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>1,370<br>1,4780<br>3,250<br>6,70<br>1,070<br>1,480<br>1,220<br>1,410<br>1,200<br>1,450<br>5,370<br>1,450<br>1,510<br>1,040<br>20<br>25,830<br>1,040<br>1,040<br>20<br>25,830<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040 | 41         16           20         56           21         69           16         20           20         15           31         52           49         48           16         16           25         53           37         20           14         40           10         19           9         37           44         61           19         18           15         16  | • •                                    |
| THale<br>THale<br>THall<br>THamilton<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THardin<br>Harrison<br>THartley<br>THays<br>THemphill<br>THenderson<br>Hidalgo<br>THill<br>THockley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>THookley<br>Thood<br>THokley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thookley<br>Thook   | 7,100<br>9,300<br>3,000<br>3,200<br>1,200<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,400<br>1,100<br>12,700<br>1,100<br>12,700<br>1,100<br>12,700<br>1,100<br>1,200<br>6,800<br>6,800<br>6,800<br>4,100<br>7,700<br>10,200<br>6,800<br>4,100<br>7,900<br>1,700<br>1,700<br>1,700<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>6,800<br>4,100<br>1,200<br>1,200<br>1,200<br>1,100<br>1,200<br>1,200<br>1,100<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,00 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2,680<br>3,790<br>480<br>660<br>670<br>680<br>1,230<br>201,260<br>1,220<br>640<br>1,220<br>260<br>930<br>13,370<br>4,780<br>3,250<br>670<br>670<br>1,480<br>1,220<br>1,480<br>1,220<br>1,480<br>1,220<br>1,410<br>1,200<br>1,400<br>1,200<br>1,500<br>3,510<br>1,520<br>3,510<br>1,040<br>25,830<br>1,520<br>3,510<br>1,040<br>25,800<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1,040<br>1  | 41         16           20         56           21         69           14         56           20         15           31         52           49         48           16         18           14         68           553         37           200         14           40         10           19         53           18         15           19         18           15         16           20         20   | ໍ່<br>ູ່<br>ອີ                         |
| THale THale Hale Hali Hamilton Hardin Hardin Harrison Harrison Harrison Harrison Harrison Harrison Harrison Harrison Haskell Hockley Hood Hood Holdsgo Hunt Hutchinson Haskeson Jasker Jasker Jefferson Jaskerson Johnson Tones Kaufman Kentdall Kent Kerr Kinble  | 7,100<br>9,300<br>3,000<br>3,200<br>6,000<br>290,600<br>13,000<br>400<br>3,900<br>4,700<br>1,300<br>6,700<br>1,300<br>6,700<br>1,400<br>6,700<br>1,400<br>6,700<br>1,100<br>12,700<br>11,100<br>2,300<br>3,800<br>5,500<br>500<br>64,000<br>1,200<br>7,700<br>10,200<br>6,800<br>4,100<br>7,900<br>1,700<br>1,200<br>1,200<br>6,800<br>4,000<br>1,200<br>1,200<br>1,200<br>1,200<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,300<br>1,200<br>1,100<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000    | 2,680<br>3,790<br>480<br>660<br>670<br>201,260<br>1,230<br>201,260<br>1,220<br>640<br>1,220<br>260<br>9330<br>13,370<br>4,780<br>3,250<br>670<br>1,070<br>1,070<br>1,470<br>1,480<br>1,220<br>1,410<br>1,210<br>1,410<br>1,210<br>1,450<br>5,370<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>3,510<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,520<br>1,    | 41         16           20         56           21         69           16         20           20         15           31         52           49         48           16         16           25         53           37         20           14         40           10         19           9         37           44         61           19         18           15         16  | • •<br>•<br>•<br>•<br>•<br>•<br>•<br>• |

|  |  | -  |  |                       |                    |
|--|--|--|--|-----------------------|--------------------|
| †Lamb  | 6,000  | 2,940  | 49   |                       |                    |
| <sup>†</sup> La Salle<br><sup>†</sup> Lavaca   | 1,900<br>6,200   | 610<br>1,920   | 32<br>31   |                       |                    |
| †Lee   | 2,800  | 780  | 28   |                       |                    |
| <sup>†</sup> Liberty   | 8,000  | 4,640  | 58   | •                     | •                  |
| <sup>†</sup> Limestone<br><sup>†</sup> Lipscomb  | 6,700<br>1,100   | 1,340<br>220 ·   | 20<br>20   | •                     | •                  |
| †Live Oak  | 2,100  | 670  | 32   |                       |                    |
| Lubbock  | 37,300   | 21,040   | 56   |                       |                    |
| †Lynn<br>†McCulloch  | 3,000<br>3,400   | 540<br>540   | 18<br>16   |                       |                    |
| McLennan   | 41,200   | 10,530   | 26%  | 6,730                 | 16%                |
| <sup>†</sup> McMullen  | 500  | 160  | 32   |                       |                    |
| †Madison<br>†Marion  | 2,000<br>2,600   | 880<br>650   | 44<br>25   | •                     |                    |
| †Mason   | 1,500  | 240  | 16   |                       |                    |
| †Matagorda   | 6,500  | 2,410  | 37   |                       |                    |
| †Maverick  | 2,900  | 520  | 18   |                       |                    |
| <sup>†</sup> Medina<br><sup>†</sup> Menard   | 4,700<br>1,000   | 2,830<br>160   | 60<br>16   |                       |                    |
| †Milam   | 6,300  | 680  | 11   |                       |                    |
| <sup>†</sup> Mitchell<br><sup>†</sup> Montague   | 4,300<br>5,000   | 770<br>2,650   | 18<br>53   |                       |                    |
| †Montgomery  | 7,500  | 4,120  | 55   |                       |                    |
| +Moore   | 5,800  | 3,250  | 56   |                       |                    |
| <sup>†</sup> Morris<br><sup>†</sup> Motley   | 2,700 <sup>-</sup><br>1,000  | 680<br>200   | 25<br>20   | •                     | •                  |
| *†Nacogdoches  | 8,100  | 930  | 11   |                       |                    |
| Navarro  | 11,400   | 4,070  | 36   |                       |                    |
| <sup>†</sup> Newton  | 2,700  | 540  | 20   |                       |                    |
| <sup>†</sup> Nolan<br>Nueces   | 6,300<br>54,300  | 1,320<br>8,790   | 21<br>16   |                       |                    |
| <sup>†</sup> Ochiltree   | 2,100  | 420  | 20   |                       |                    |
| †Oldham  | .400   | 60   | 16   |                       |                    |
| Orange<br>†Palo Pinto  | 14,400<br>6,000  | 6,180<br>2,880   | 43<br>48   |                       |                    |
| Parker   | 7,300  | 2,880 3,570  | 48<br>49   |                       |                    |
| <sup>†</sup> Parmer  | 1,800  | 290  | 16   |                       |                    |
| †Polk  | 4,200  | 1,930  | 46   |                       |                    |
| <sup>†</sup> Potter<br><sup>†</sup> Presidio <sup>*</sup>  | 25,900<br>1,500  | 15,930<br>210  | 62<br>14   |                       |                    |
| †Rains   | 900  | 140  | 16   |                       |                    |
| †Randall   | 5,400  | 3,350  | 62   |                       |                    |
| †Real<br>†Red River  | 700<br>5,900   | 130<br>-860  | 18<br>15   | •                     | •                  |
| *Refugio   | 2,800  | 590  | 21   |                       |                    |
| †Roberts   | 300  | 60<br>510  | 20<br>10   |                       |                    |
| †Robertson   | 5,100  | 510  |  |                       |                    |
| <sup>†</sup> Rockwall<br><sup>†</sup> Runnels  | 1,500<br>4,900   | 620<br>830   | 41<br>17 ·   |                       |                    |
| †Sabine  | 2,100  | 230  | 11   |                       |                    |
| <sup>†</sup> San Augustin<br><sup>†</sup> San Jacinto  | e 2,000<br>1,600   | 220<br>740   | 11<br>46   |                       |                    |
| <sup>†</sup> San Patricio  | 9,500  | 4,020  | 42   |                       |                    |
| +Scurry  | 8,700  | 1,460  | 17   |                       |                    |
| †Shackelford   | 1,200<br>600   | 190<br>340   | 16<br>56   |                       |                    |
| †Sherman<br>Smith  | 22,600   | 3,860  | 17   |                       | •                  |
|  |  |  | 20   | •                     | •                  |
| <sup>†</sup> Somervell   | 800  | 160  |  |                       |                    |
| †Somervell<br>†Starr   | 3,000  | 300  | 10 ~   |                       |                    |
| †Starr<br>†Stephens  |  |  | 10 ~<br>15<br>21   |                       |                    |
| †Starr   | 3,000<br>3,400   | 300<br>510   | 15   |                       |                    |
| †Starr<br>†Stephens<br>†Stonewall<br>†Swisher<br>Tarrant   | 3,000<br>3,400<br>800<br>2,500<br>138,400  | 300<br>510<br>170<br>400<br>96,840   | 15<br>21<br>16<br>70   |                       |                    |
| †Starr<br>†Stephens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900  | 300<br>510<br>170<br>400<br>96,840<br>8,780  | 15<br>21<br>16<br>70<br>42   |                       |                    |
| *Starr<br>*Stephens<br>*Stonewall<br>*Swisher<br>Tarrant<br>Taylor<br>*Throckmortou<br>*Titus  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>n 800<br>5,100  | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710  | 15<br>21<br>16<br>70   | *                     | •                  |
| †Starr<br>†Stepliens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmortou<br>†Titus<br>Tom Green  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>n<br>800<br>5,100<br>20,100   | 300<br>510<br>170<br>409<br>96,840<br>8,780<br>130<br>710<br>6,170   | 15<br>21<br>16<br>70<br>42<br>16   | •                     | •                  |
| †Starr<br>†Stepliens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmorton<br>†Titus<br>Tom Green<br>Travis  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>n 800<br>5,100<br>20,100<br>47,900  | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35  | *                     | •                  |
| †Starr<br>†Stophens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmortou<br>†Titus<br>Tom Green<br>Travis<br>†Trinity<br>†Tyler   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>n 800<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100  | 300<br>510<br>170<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620  | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20  | •                     | •                  |
| tStarr<br>tSteplens<br>tStonewall<br>tSwisher<br>Tarrant<br>Taylor<br>tThrockmotor<br>tTitus<br>Tom Green<br>Travis<br>tTrinity<br>tTyler<br>tUpshur   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>n 800<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25  | •                     | •                  |
| tStarr<br>tSteplens<br>tStonewall<br>tSwisher<br>Tarrant<br>Taylor<br>tThrockmotor<br>tTitus<br>Tom Green<br>Travis<br>tTrinity<br>tTyler<br>tUpshur<br>tUvalde  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>3,100<br>3,400<br>4,700  | 300<br>510<br>400<br>96,840<br>8,780<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25<br>19  | •                     | •                  |
| tStarr<br>tStephens<br>tStonewall<br>tSwisher<br>Tarrant<br>Taylor<br>tThrockmortor<br>tTinoGreen<br>Travis<br>tTrinity<br>tTyler<br>tUpalde<br>tVanZandt<br>tVictoria   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25  | •                     | •                  |
| †Starr<br>†Steplens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmotou<br>†Throckmotou<br>†Titus<br>Tom Green<br>Travis<br>†Trinly<br>†Tyler<br>†Upshur<br>†Uyalde<br>†Van Zandt<br>†Walker  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>47,900<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>9,600  | 300<br>510<br>96,840<br>8,780<br>710<br>6,170<br>1,240<br>6,20<br>1,350<br>870<br>2,840<br>1,960<br>2,240  | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25<br>19<br>45<br>20<br>46  | •                     | •                  |
| tStarr<br>tStephens<br>tStonewall<br>tSwisher<br>Tarrant<br>Taylor<br>tThrockmortor<br>tTinoGreen<br>Travis<br>tTrinity<br>tTyler<br>tUpalde<br>tVanZandt<br>tVictoria   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,7,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25<br>19<br>45<br>20  | •                     | •                  |
| tStarr     tStorewall     tStonewall     tSwisher     Tarrant     Taylor     tThrockmortor     tTitus     Tom Green     Travis     tTrinity     tTyler     tUpalur     tUvalde     tVictoria     tWalker     tWalker     tWashington     tWebb   | 3,000<br>3,400<br>2000<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200   | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,760   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25<br>19<br>45<br>20<br>46<br>55  | •                     | •                  |
| †Starr<br>†Steplens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmotoi<br>†Titus<br>Tom Green<br>Travis<br>†Trinity<br>†Trinity<br>†Upshur<br>†Upshur<br>†Uvalde<br>†Victoria<br>†Welker<br>†Walker<br>†Walken<br>†Webb<br>†Whaton   | 3,000<br>3,400<br>2000<br>138,400<br>20,900<br>5,500<br>20,900<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700  | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,7,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,760<br>2,240<br>1,760<br>2,240<br>1,760<br>3,650  | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>31<br>35<br>46<br>20<br>25<br>19<br>45<br>20<br>45<br>55<br>44<br>10<br>36  | •                     | •                  |
| †Starr<br>†Steplens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmotor<br>†Titus<br>Tom Green<br>Travis<br>†Trinity<br>†Tyler<br>†Upshur<br>†Uvalde<br>†Van Zandt<br>†Walker<br>†Walker<br>†Walsington<br>†Washington  | 3,000<br>3,400<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>4,700<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960  | 15         21         16         70         42         16         14%         31         35         46         20         25         19         45         20         46         55         44         10  | •                     | •                  |
| †Starr<br>†Steplens<br>†Stonewall<br>†Swisher<br>Tarrant<br>Taylor<br>†Throckmotoi<br>†Titus<br>Tom Green<br>Travis<br>†Trinity<br>†Trinity<br>†Upshur<br>†Upshur<br>†Uvalde<br>†Victoria<br>†Welker<br>†Walker<br>†Walken<br>†Webb<br>†Whaton   | 3,000<br>3,400<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>3,200<br>5,700<br>3,200<br>5,700  | 300<br>510<br>400<br>96,840<br>8,780<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,760<br>2,480<br>1,3650<br>3,650<br>560  | 15           21           16           70           42           16           14%           31           35           46           20           25           19           45           20           46           20           45           20           46           20           45           20           46           20           46           20           31           35           46           20           36           20  | •                     | •                  |
| <pre>tStarr tSteplens tStonewall tSwisher Tarrant Taylor tThrockmottor Titus Tom Green Travis tTrinity tTyler tUpalur tUvalde tVictoria tWalker tWalker tWalker tWaket tWa</pre> | 3,000<br>3,400<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>4,700<br>4,700<br>4,700<br>4,700<br>5,400<br>4,700<br>5,400<br>4,700<br>1,100<br>2,800<br>10,100<br>2,800<br>5,100<br>5,900   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,960<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1,970<br>1    | 15           21           16           70           42           16           14%           31           35           46           55           44           10           36           20           55           44           10           36           20           56           21           26  | •                     | •                  |
| <pre>tStarr tSteplens tStonewall tSwisher Tarrant Taylor tThrockmotoi tTitus Tom Green Travis tTrinity tTrinity tUpshur tUvalde tValde tWalker tWalker tWalker tWalker tWalker tWalen tWheeler tWheeler tWiharger tWillary Withiamson</pre>  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>47,900<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700<br>13,600<br>10,100<br>2,800<br>31,700<br>6,100<br>5,5900<br>11,200  | 300<br>510<br>400<br>96,840<br>8,780<br>710<br>6,170<br>1,700<br>1,240<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,760<br>2,480<br>1,360<br>3,650<br>560<br>17,820<br>1,300  | 15           21           16           14%           31           35           46           20           25           19           45           20           25           19           45           20           25           10           36           25           44           10           36           25           21  | •                     | •                  |
| <pre>tStarr tSteplens tStonewall tSwisher Tarrant Taylor tThrockmotton tTitus Tom Green Travis tTrinity tTyler tUpalur tUvalde tVictoria tWalker tWalter tWatton tWharton tWchita tWilarson tWilson tWilson</pre>  | 3,000<br>3,400<br>2000<br>2,500<br>3,800<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>4,700<br>4,700<br>4,700<br>4,700<br>4,700<br>4,900<br>4,900<br>3,200<br>5,700<br>13,600<br>10,100<br>2,800<br>3,1,700<br>6,100<br>5,900<br>11,200<br>4,700  | 300<br>510<br>170<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>6,170<br>1,240<br>6,170<br>1,240<br>6,240<br>1,350<br>8,70<br>2,840<br>1,960<br>2,240<br>1,760<br>2,240<br>1,360<br>3,650<br>5,600<br>1,330<br>3,960<br>1,330<br>2,400   | 15         21         16         70         42         16         14%         33         35         46         55         44         10         36         20         25         24         25         24         25         26         37         51  | •                     | •                  |
| <pre>tStarr tSteplens tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor Travis tTrius Tom Green Travis tTrinity tUpalur tUvalde tVan Zandt tVictoria tWalker tWalter tWalter tWatton tWhebb tWharton tWhebeler Wichita tWilbarger tWillacy Williamson tWilson tWise tWood</pre>   | 3,000<br>3,400<br>20,900<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>4,700<br>4,700<br>6,300<br>9,600<br>3,200<br>5,700<br>13,600<br>10,800<br>3,1,700<br>6,100<br>5,900<br>3,1,700<br>6,100  | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,360<br>3,650<br>5,60<br>1,300   | 15           21           16           70           42           16           14%           31           35           46           20           45           20           46           55           44           10           36           20           26           21           26           337   | •                     | •                  |
| tStarr     tStoreness     tStonewall     tStonewall     tStonewall     tStonewall     tStonewall     tStonewall     tStonewall     tStonewall     tTarrant     Taylor     tThrockmotor     tTitus     Tom Green     tTavis     tTrinity     tTyler     tUpalur     tUpalur     tUpalur     tUpalue     tVan Zandt     tVictoria     tWalker     tWaller     tWaller     tWaller     tWchita     tWilbarger     tWillacy     Williamson     tWilson     tWilson     tWise     tWood     tYoung  | 3,000<br>3,400<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>4,700<br>4,700<br>4,700<br>4,700<br>3,200<br>5,700<br>13,600<br>10,100<br>2,800<br>3,1,700<br>6,100<br>3,600<br>4,700<br>6,100<br>5,900   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,360<br>2,240<br>1,360<br>3,650<br>560<br>560<br>17,820<br>1,300<br>1,330<br>3,960<br>1,330<br>2,400<br>980<br>980  | 15           21           16           70           42           16           14%           31           35           46           20           25           46           20           45           20           45           20           55           44           10           36           20           255           44           10           36           20           255           44           10           36           27           56           21           26           37           51           16           15 | •                     | •                  |
| <pre>tStarr tSteplens tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor Travis tTrius Tom Green Travis tTrinity tUpalur tUvalde tVan Zandt tVictoria tWalker tWalter tWalter tWatton tWhebb tWharton tWhebeler Wichita tWilbarger tWillacy Williamson tWilson tWise tWood</pre>   | 3,000<br>3,400<br>2000<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>47,900<br>2,700<br>3,100<br>6,300<br>9,600<br>4,900<br>4,900<br>3,200<br>5,700<br>13,600<br>10,100<br>5,700<br>13,600<br>10,100<br>5,800<br>31,700<br>6,100  | 300<br>510<br>170<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,700<br>1,240<br>6,240<br>1,240<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,760<br>2,240<br>1,360<br>3,650<br>5,600<br>17,820<br>1,300<br>3,960  | 15           21           16           70           42           16           14%           31           35           46           20           55           44           10           36           20           55           44           10           36           20           55           44           10           36           21           22           35           37           51           16  | •                     | •                  |
| <pre>tStarr tSter tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor tTitus Tom Green Travis tTrinity tTrinity tUpshur tUvalde tValde tValde tWaller tWaller tWaller tWaller tWaller tWabashington tWebb tWharger tWilsarger tWilson tWise tWood tYoung tZapata</pre>  | 3,000<br>3,400<br>2,500<br>138,400<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>9,600<br>3,200<br>5,700<br>13,600<br>4,900<br>3,200<br>5,700<br>10,100<br>2,800<br>31,700<br>6,100<br>5,900<br>11,200<br>3,600<br>4,700<br>6,100<br>5,000   | 300<br>510<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,760<br>2,480<br>1,360<br>3,650<br>560<br>17,820<br>1,300<br>3,960<br>1,330<br>2,400   | 15<br>21<br>16<br>70<br>42<br>16<br>14%<br>33<br>35<br>46<br>20<br>25<br>19<br>45<br>20<br>46<br>20<br>25<br>19<br>45<br>20<br>46<br>20<br>25<br>19<br>45<br>20<br>46<br>20<br>25<br>19<br>19<br>45<br>20<br>20<br>25<br>51<br>16<br>16<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19  | 42.970                | •                  |
| <pre>tStarr tSterr tStorewall tSwisher Tarrant Taylor tThrockmotoi tTitus Tom Green Travis tTrinity tTrinity tUpshur tUvalde tValde tWalker tWalker tWalker tWalker tWalker tWalker tWalsington tWheeler Wichita tWheeler tWilson tWise tWise tWood tYoung tZapata tZavala</pre>   | 3,000<br>3,400<br>20,900<br>5,100<br>20,900<br>5,100<br>20,100<br>47,900<br>2,700<br>47,900<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>9,600<br>9,600<br>9,600<br>3,200<br>5,700<br>13,600<br>4,900<br>3,200<br>5,700<br>10,100<br>2,800<br>31,700<br>6,100<br>5,900<br>11,200<br>3,600<br>4,700<br>6,100<br>5,500  | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>1,240<br>1,350<br>2,840<br>1,960<br>2,240<br>1,360<br>3,650<br>560<br>17.820<br>1,360<br>3,560<br>1,330<br>2,400<br>1,330<br>2,400<br>1,330<br>2,400<br>1,330<br>2,400<br>1,330<br>2,400<br>1,330<br>2,400<br>980<br>750<br>100<br>470   | 15           21           16           70           42           16           14%           31           35           46           20           25           46           20           45           20           46           20           45           20           46           30           36           20           56           21           22           46           30           36           20           55           10           36           10           18   | •<br>•<br>•<br>•<br>• | •<br>•<br>2%<br>LT |
| <pre>tStarr tSterr tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor tThrockmotor tThrockmotor tTravis tTrius Tom Green Travis tTrinity tUpshur tUpshur tUvalde tVan Zandt tVictoria tWalker tWaller tWaller tWaller tWaller tWaller tWaller tWaller tWaller tWilbarger tWilbarger tWilbarger tWilbarger tWilbon tWise tWise tWood tYoong tZapata tZavala TV counties</pre>   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>2,700<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>3,200<br>5,700<br>13,600<br>10,800<br>3,1700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,2,600<br>2,252,100   | 300<br>510<br>170<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>3,650<br>5,660<br>17,820<br>1,300<br>3,960<br>1,330<br>2,400<br>980<br>7,50<br>100<br>100<br>470  | 15           21           16           70           42           16           14%           31           35           46           55           44           10           36           20           55           44           10           36           21           22           331           36           20           56           21           22           33           36           37           51           16           15           10           18           47%   |                       | • •                |
| <pre>tStarr tSterr tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor tTitus Tom Green Travis tTrinity tTyler tUpahur tUvalde tVan Zandt tVictoria tWalker tWaller tWaller tWalker tWaller tWaller tWaller tWilbarger tWilagen tCapata tZapata tZapata tZavala</pre>   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>47,900<br>2,700<br>3,100<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700<br>13,600<br>10,800<br>3,200<br>5,700<br>13,600<br>10,800<br>3,1,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,2,600<br>2,252,100<br>1,60,700 | 300<br>510<br>170<br>400<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>3,650<br>5,660<br>17,820<br>1,300<br>3,960<br>1,330<br>2,400<br>980<br>0<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1, | 15           21           16           70           42           16           14%           31           35           46           55           44           10           36           20           55           44           10           36           37           51           16           17           18           47%   | 780                   | LT                 |
| <pre>tStarr tSterr tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotou tTitus Tom Green Travis tTrinity tTyler tUpshur tUvalde tVan Zandt tVictoria tWalker tWaller tWalker tWaller tWalker tWaller tWalsington tWebb tWhaton tWheeler Wichita tWilbarger tWilbarger tWilbarger tWilson tWise tWise tZapata tZavala TV counties other cognies</pre>   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>47,900<br>2,700<br>3,100<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700<br>13,600<br>10,800<br>3,200<br>5,700<br>13,600<br>10,800<br>3,1,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,2,600<br>2,252,100<br>1,60,700 | 300<br>510<br>170<br>400<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>3,650<br>5,660<br>17,820<br>1,300<br>3,960<br>1,330<br>2,400<br>980<br>0<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1, | 15           21           16           70           42           16           14%           31           35           46           55           44           10           36           20           55           44           10           36           37           51           16           17           18           47%   | 780                   | LT                 |
| <pre>tStarr tSterr tStorewall tStonewall tSwisher Tarrant Taylor tThrockmottor tTitus Tom Green Travis tTrinity tTyler tUpahur tUvalde tVan Zandt tVictoria tWalker tWaller tWaller tWalker tWaller tWaller tWaller tWilbarger tWilagen tCapata tZapata tZapata tZavala</pre>  | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>47,900<br>2,700<br>3,100<br>4,700<br>6,300<br>9,600<br>4,900<br>3,200<br>5,700<br>13,600<br>10,800<br>3,200<br>5,700<br>13,600<br>10,800<br>3,1,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,1,200<br>3,600<br>4,700<br>6,100<br>0,2,600<br>2,252,100<br>1,60,700 | 300<br>510<br>170<br>400<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>3,650<br>5,660<br>17,820<br>1,300<br>3,960<br>1,330<br>2,400<br>980<br>0<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,330<br>2,400<br>1,350<br>3,960<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,350<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1,550<br>1, | 15         21         16         70         42         16         14%         31         35         46         55         44         10         36         20         56         21         26         337         51         16         17         18         44%         44%   | 780                   | LT<br>2%.          |
| <pre>tStarr tSterr tStorewall tStonewall tSwisher Tarrant Taylor tThrockmotor tThrockmotor tTrius Tom Green Travis tTrinity tTyler tUpshur tUvalde tVan Zandt tVictoria tWalker tWaller tWalker tWaller tWalker tWaller tWalker tWaller tWalsington tWibarger tWilbarger tWilbarger tWilbarger tWilson tWise tWise tZapata tZavala TV counties otal UTAH</pre>   | 3,000<br>3,400<br>800<br>2,500<br>138,400<br>20,900<br>5,100<br>2,700<br>3,100<br>2,700<br>47,900<br>2,700<br>3,100<br>5,400<br>4,700<br>6,300<br>9,600<br>3,200<br>5,700<br>13,600<br>4,900<br>3,200<br>5,700<br>13,600<br>10,100<br>5,900<br>5,900<br>11,200<br>3,600<br>4,700<br>6,100<br>5,900<br>2,252,100<br>1,60,700<br>2,212,800                       | 300<br>510<br>170<br>400<br>96,840<br>8,780<br>130<br>710<br>6,170<br>17,000<br>1,240<br>620<br>1,350<br>870<br>2,840<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>2,240<br>1,960<br>3,960<br>1,360<br>3,960<br>1,330<br>2,400<br>1,300<br>3,960<br>1,330<br>2,400<br>1,300<br>3,960<br>1,330<br>2,400<br>1,059,980<br>8,540  | 15         21         16         70         42         16         14%         31         35         46         55         44         10         36         20         56         21         26         337         51         16         17         18         44%         44%   |                       | LT<br>2%.          |

| der   | 5,400          | 3,630     | 67%    |         |        |
|-------|----------------|-----------|--------|---------|--------|
| nties | total families | TV far    | nilies | UHF fai | milies |
|       | 2,412,800      | 1,068,520 | 44%    | 43,750  | 2% .   |

| <sup>†</sup> Cache   | 9,300                   | 3,490                  | 38         |          |       | BROADCASTING  |
|--|-------------------------|------------------------|------------|----------|-------|---------------|
| Davis<br>†Juab   | 10,500<br>1,400         | 6,620<br>340           | 63<br>24   |          |       | IV0           |
| <sup>†</sup> Millard   | 2,400                   | 580                    | 24         |          |       | č,            |
| †Morgan  | 600<br>500              | 230<br>190             | 38<br>38   |          |       | ST            |
| <sup>†</sup> Rich<br>Salt Lake                                   | 87,700                  | 66,110                 | 75         |          |       | IN.           |
| †Sanpete<br>†Sevier  | 3,800<br>3,300          | 890<br>790             | 23<br>24   |          |       | ۵<br>۵        |
| Tooele   | 5,400                   | 3,150                  | 58         |          |       | ٠             |
| Utah   | 23,500                  | 15,930                 | 68         |          |       | Ъ.            |
| Weber  | 27,600                  | 17,800                 | 64         |          |       | EL            |
| TV counties<br>other counties                                    | 181,400<br>26,200       | 119,750<br>570         | 66%<br>2%  |          |       | ΕC            |
| total  | 207,600                 | 120,320                | 58%        |          | _     | ۸S            |
| 10141  | 201,000                 |                        |            |          |       | LECASTING     |
| VERMONT  |                         |                        |            |          |       | â             |
| TV counties  | total families          | TV fan                 | ulies      | UHF fam  | ilies |               |
| †Addison   | 5,200                   | 1,250                  | 24%        |          |       |               |
| <sup>†</sup> Bennington  | 7,500                   | 3,830                  | 51         |          |       |               |
| <sup>†</sup> Caledonia<br>Chittenden                             | 7,200<br>17,400         | 840<br>5,120           | 12%<br>29  |          |       |               |
| †Essex   | 1,800                   | 220                    | 12         |          |       |               |
| <sup>†</sup> Franklin  | 8,400                   | 1,810                  | 22<br>01   |          |       |               |
| <sup>†</sup> Grand Isle<br><sup>†</sup> Lamoille                 | 800<br>3,100            | 170<br>650             | 21<br>21   |          |       |               |
| †Orleans   | 5,800                   | 700                    | 12<br>51   |          |       |               |
| *Rutland   | 13,400                  | 6,810                  |            |          |       |               |
| *Washington  | 12,100                  | 2,960.                 | 24         | <u> </u> |       |               |
| TV counties<br>other counties                                    | 82,700<br>25,800        | <b>24,360</b><br>1,570 | 29 %<br>6% |          |       |               |
| total  | 108,500                 | 25,930                 | 24%        |          |       |               |
|  |                         |                        | ,-         |          |       |               |
| VIRGINIA   |                         |                        |            |          |       |               |
|  |                         |                        |            |          |       |               |
|  | total families          | TV fan                 | ulies      | UHF fami | ilies |               |
| +Accomack  | 10,200                  | 3,340                  | 33%        |          |       |               |
| <sup>†</sup> Albemarle<br>†Alleghany                             | 13,700<br>7,700         | 3,720<br>3,080         | 27<br>40   |          |       |               |
| <sup>†</sup> Amelia<br><sup>†</sup> Amherst                      | 1,500                   | 590<br>1,640           | 39<br>38   |          |       |               |
|  | 4,300                   |                        | 38         |          |       |               |
| <sup>†</sup> Appomattox<br>Arlington                             | -1,900<br>69,500        | 720<br>66,730          | 36<br>96   |          | `     |               |
| Augusta<br>†Bath   | 17,500<br>.1,400        | 4,650<br>350           | 27<br>25   |          |       |               |
| Bedford  | 7,300                   | 2,230                  | 31         |          |       |               |
| †Bland   | 1,400                   | 360                    | 26         |          |       |               |
| <sup>†</sup> Botetourt<br><sup>†</sup> Brunswick                 | 3,900<br>4,400          | 1,560<br>1,410         | 40<br>32   |          |       |               |
| †Buchanan  | 8,000                   | 1,650                  | 21         |          |       |               |
| <sup>†</sup> Buckingham  | 2,700                   | 1,240                  | 46         |          |       |               |
| Campbell<br>†Caroline  | 21,100<br>2,700         | 10,830<br>1,490        | 51<br>55   |          |       |               |
| Carroll  | -6,800                  | 1,220                  | 18         |          |       |               |
| <sup>†</sup> Charles City <sup>.</sup><br><sup>†</sup> Charlotte | 900<br>3,200            | 520<br>1,220           | 58<br>38   |          |       |               |
| Chesterfield   | 13,600                  | 9,030                  | 66         |          |       |               |
| <sup>†</sup> Clarke  | 1,800                   | 830                    | 46         |          |       |               |
| †Craig<br>†Culpeper  | 700<br>3,300            | 280<br>1,950           | 40<br>59   |          |       |               |
| <sup>†</sup> Cumberland  | 1,500                   | 690                    | 46         |          |       |               |
| †Dickenson   | 5,000                   | · 1,000                | 20         |          |       |               |
| Dinwiddie<br>†Essex  | 13,700<br>1, <b>300</b> | 7,400<br>720           | 54<br>55   |          |       |               |
| Fairfax  | 32,100                  | 29,160                 | 91         |          |       |               |
| <sup>†</sup> Fauquier  | 5,400                   | 3,140                  | 58         |          |       |               |
| †Floyd<br>†Fluvanna  | 2.700                   | 490<br>. 780           | 18<br>46   |          |       |               |
| †Franklin  | 5,600                   | 1,680                  | 30<br>46   |          |       |               |
| <sup>†</sup> Frederick<br><sup>†</sup> Giles                     | 9,300<br>5,000          | 4,320<br>2,650         | 53         |          |       |               |
| <sup>†</sup> Gloucester  | 3,100                   | 1,840                  | 59         | 340      | 11%   |               |
| <sup>†</sup> Goochland<br><sup>†</sup> Grayson                   | 1,700<br>5,500          | 660<br>1,430           | 39<br>26%  |          |       |               |
| <sup>†</sup> Greene  | 1,100                   | 300                    | 27.        |          |       |               |
| <sup>†</sup> Greensville   | 3,900                   | 1,250                  | 32         |          |       |               |
| †Halifax<br>†Hanover   | 9,600<br>5,700          | 3,700<br>3,120         | 39<br>55 - |          |       |               |
| Henrico  | 87,000                  | 65,970                 | 76         |          |       |               |
| Henry<br>†Highland   | 12,900<br>700           | 6,100<br>180           | 47<br>25   |          |       |               |
| *Isle of Wight   |                         | 1,700                  | 46         | •        | •     |               |
| †James City  | 2,800                   | 1,670                  | . 60       | 310      | 11%   | Ma            |
| <sup>†</sup> King & Quee<br><sup>†</sup> King George             |                         | 770<br>1,080           | 55<br>60   |          |       | rch           |
| <sup>†</sup> King William  |                         | 1,050                  | 55         |          |       | 1             |
| <sup>†</sup> Lancaster   | 2,300                   | 760                    |            |          |       | March 1, 1954 |
| †Lee<br>†Loudoun   | 8,000<br>5,200          | 1,070<br>3,170         | 13<br>61   |          |       | 95            |
| <sup>†</sup> Louisa  | 3,100                   | 1,220                  | 39         |          |       | -             |
| +Lunenburg   | 3,500                   | 1,120                  | 32         |          |       | ٠             |
| †Madison<br>†Mathews   | 2,100<br>1,700          | 590<br>1,020           |            | 190      | 11    | ъ             |
| <sup>†</sup> Mecklenbur  | g 8,100                 | 2,660                  | 33         | 010      | 11    | age           |
| †Middlesex<br>†Montgomery  | 1,900<br>y 10,400       | 1,140<br>5,550         |            | 210      | 44    | .9            |
|  |                         |                        |            |          |       | U1            |

= FOR THE RECORD

| <sup>†</sup> Nansemond      | 10.000   | 4,660          | 47       | •      | •   |
|-----------------------------|----------|----------------|----------|--------|-----|
| †Nelson                     | 3,200    | 1.220          | 38       |        |     |
| <sup>†</sup> New Kent       | 1.000    | 550            | 55       |        |     |
| Norfolk                     | 129,800  | 94,910         | 73       | 25,410 | 20  |
| †Northampton                | 4,700    | 1,500          | 32       |        |     |
|                             | 0.000    | 850            | 33       |        |     |
| <sup>†</sup> Northumberland |          | 2.060          | 33<br>47 |        |     |
| †Nottoway                   | 4,400    |                | 27       |        |     |
| <sup>†</sup> Orange         | 3,200    | · 860<br>1,120 | 28       |        |     |
| †Page                       | 4,000    | 650            | 20<br>18 |        |     |
| †Patrick                    | 3,600    | 050            | 10       |        |     |
| Pittsylvania                | 26,500   | 10,940         | 41       |        |     |
| †Powhatan                   | 1,200    | 470            | 39       |        |     |
| <sup>†</sup> Prince Edward  | 3,900    | 1,790          | 46       |        |     |
| <sup>†</sup> Prince George  | 7,000    | 4,050          | 58       |        |     |
| Princess Anne               | 12,800   | • 8,160        | 64       | 2,610  | 20  |
| <sup>†</sup> Prince William | 5,300    | 3,260          | 62       |        |     |
| †Pulaski                    | 7,500    | 3,980          | 53       |        |     |
| †Rappahannock               | 1.300    | 770            | 59       |        |     |
| †Richmond                   | 1,300    | 780            | 60       |        |     |
| Roanoke                     | 39,000   | 21,500         | 55       |        |     |
|                             |          |                | 24       |        |     |
| <sup>†</sup> Rockbridge     | 7,200    | 1,760          |          |        |     |
| Rockingham                  | 12,500   | 3,380          | 27       |        |     |
| †Russell                    | 6,100    | 1,220          | 20       |        |     |
| †Scott                      | 6,600    | 860            | 13       |        |     |
| †Shenandoah                 | 5,700    | 1,580          | 28       |        |     |
| <sup>†</sup> Smyth          | 7,100    | 1,140          | 16       |        |     |
| †Southampton                | 6,300    | 2,900          | 46       |        | •   |
| †Spotsylvania               | 6,400    | 3,800          | 59       |        |     |
| †Stafford                   | 3,200    | 1,920          | 60       |        |     |
| †Surry                      | 1,500    | 900            | 60       | 170    | 11  |
| †Sussex                     | 2,800    | 1,620          | 58       |        |     |
| +Tazewell                   | 11,400   | 1,780          | 16       |        |     |
| †Warren                     | 4,400    | 2,020          | 46%      |        |     |
| Warwick, Newp               |          | 30,460         | 67       | 13,910 | 31% |
| warwick, newp               | 1 90,200 |                |          | 10,710 |     |
| Washington                  | 13,200   | 1,340          | 10       |        |     |
| †Westmoreland               | 2,800    | 1,680          | 60       |        |     |
| Wise                        | 13,500   | 3,370          | 25       |        |     |
| †Wythe                      | 5,700    | 1,430          | 25       |        |     |
| †York                       | 3,300    | 1,940          | 59       | 290    | 31  |
| TV counties                 | 919,100  | 510,970        | 56%      | 43,900 | 5%  |
| total                       | 919,100  | 510,970        | 56%      | 43,900 | 5%  |
|                             |          | -              |          | -      |     |

#### WASHINGTON

| TV counties               | total families | TV fa   | milies | UHF fa | milies |
|---------------------------|----------------|---------|--------|--------|--------|
| †Adams                    | 2,300          | 370     | 16%    |        |        |
| <sup>†</sup> Asotin       | 3,800          | 800     | 21     |        |        |
| †Clallam                  | 8,900          | 4,570   | 51     |        |        |
| Clark                     | 31,500         | 16,060  | 51     | 14,530 | 46%.   |
| †Columbia                 | 1,400          | 290     | 21     |        |        |
| Cowlitz                   | 18,000         | 5,060   | 28     | 3,610  | 20     |
| †Ferry                    | 900            | 290     | 32     |        |        |
| <sup>†</sup> Franklin     | 5,300          | 850     | 16     |        |        |
| <sup>†</sup> Garfield     | 900            | 190     | 21     |        |        |
| †Grant                    | 8,400          | 1,330   | 16     |        |        |
| <sup>†</sup> Grays Harbor | 17,500         | 2,880   | 16     |        |        |
| †Island                   | 4,100          | 3,030   | 74     |        |        |
| †Jefferson                | 3,700          | 1,920   | 52     |        |        |
| King                      | 266,800        | 164,660 | 62     |        |        |
| †Kitsap                   | 28,500         | 21,170  | 74     |        |        |
| Lewis                     | 14,300         | 2,090   | 15     |        |        |
| †Lincoln                  | 3,300          | 1,060   | 32     |        |        |
| †Mason                    | 5,200          | 3,070   | 59     |        |        |
| *Pacific                  | 5,700          | 910     | 16     |        |        |
| <sup>†</sup> Pend Oreille | 2,300          | 740     | 32     |        |        |
| Pierce                    | 92,300         | 56,050  | 61     |        |        |
| †San Juan                 | 1,200          | 420     | 35     |        |        |
| TSkagit                   | 13,900         | 4,930   | 35     |        |        |
| Snohomish                 | 39,200         | 27,620  | 70     |        |        |
| •                         |                |         |        |        |        |

## Actions of FCC

(Continued from page 86) applications has proceeded on a current basis since March 1953, and inasmuch as the issuance of pre-hearing letters is presently on a current basis, the need for the publication of a priority list has been eliminated. Consequently, no fur-ther lists will be published and Section 1.371, footnote 10, will be amended accordingly. Ap-plications received after this date will be con-sidered chronologically. Action Feb. 24. Memphis, Tenn.-Vhf ch. 3 proceeding. By order, the Commission denied petition filed Dec. 4, 1953, by WREC Bestg. Service requesting that the Commission cancel finding that WMPS Inc. (competing applicant for a new tv station to operate on ch. 3 in Memphis, Tenn.) is finan-cially qualified (Dockets 10761-2; BPCT-452 and 514). Action Feb. 24. Milwaukee, Wis.-Vhf ch. 12 proceeding. By order, the Commission denied motions filed by Milwaukee Area Telecasting Corp. requesting dismissal of the application of Kolero Tele-casting Corp. for new tv station in Milwaukee, Wis, on ch. 12, for which Wisconsin Bestg. System Inc., Milwaukee Bestg. Co., Milwaukee Area Telecasting Corp. requesting corp. are competing applicants. Action Feb. 19. Page 96 March 1, 1954 (Continued from page 86)

| Spokane        | 78,000  | 37,390  | 48  |             |    |
|----------------|---------|---------|-----|-------------|----|
| †Stevens       | 5,500   | 1,770   | 32  | · · · · · · |    |
| †Thurston      | 15,700  | 9,270   | 59  |             |    |
| †Wahkiakum     | 900     | 140     | 16  |             |    |
| Whatcom        | 22,400  | 3,910   | 17  |             |    |
| †Whitman       | 9,400   | 2,000   | 21  |             |    |
| Yakima         | 45,100  | 10,010  | 22  | 9,110       | 20 |
| TV counties    | 756,400 | 384,850 | 51% | 27,250      | 4% |
| other counties | 72,400  | 2,210   | 3%  | 1,050       | 1% |
| total          | 828,800 | 387,060 | 47% | 28,300      | 3% |

#### WEST VIRGINIA

| TV counties                                     | total families | TV fu          | milies   | UHF fa | milie    |
|---|----------------|----------------|----------|--------|----------|
| †Barbour  | 5,100          | 770            | 15%      |        |          |
| †Berkeley                                       | 8,700          | 4,670          | 54       |        |          |
| <sup>†</sup> Boone                              | 7,900          | 2,770          | 35%      | 950    | 12%      |
| <sup>†</sup> Braxton                            | 4,200          | 800            | 19       |        |          |
| <sup>†</sup> Brooke                             | 7,400          | 5,180          | 70       |        |          |
| Cabell  | 34,400         | 27,290         | 79       |        |          |
| <sup>†</sup> Calhoun                            | 2,300          | 640            | 28       |        |          |
| †Clay   | 3,500          | 1,190          | 34       |        |          |
| †Doddridge                                      | 2,200          | 420            | 19       |        |          |
| Fayette   | 20,200         | 6,080          | 30       |        |          |
| †Gilmer   | 2,300          | 440            | 19       |        |          |
| Grant   | 2,300          | 410            | 18       |        |          |
| <sup>†</sup> Greenbrier                         | 9,900          | 2,440          | 25       |        |          |
| <sup>†</sup> Hampshire                          | 3,200          | 580            | 18       |        |          |
| <sup>†</sup> Hancock                            | 9,300          | 6,430          | . 69     | •      | ۰.       |
| <sup>†</sup> Hardy                              | 2,400          | 430            | 18       |        |          |
| Harrison  | 24,100         | 3,560          | 15       |        |          |
| †Jackson  | 3,900          | 1,090          | 28       |        |          |
| †Jefferson                                      | 4,600          | 2,480          | 54       |        |          |
| Kanawha   | 68,200         | 48,810         | 72       | 26,500 | 39       |
| †Lewis  | 5,100          | 910            | 18       |        |          |
| <sup>†</sup> Lincoln                            | 5,000          | 2,900          | 58       | 600    | 12       |
| Logan   | 18,500         | 8,040          | 43       |        |          |
| McDowell  | 22,800         | 11,270         | 49       |        |          |
| Marion  | 20,700         | 8,640          | 42       |        |          |
| Marshall  | 9,800          | 3,220          | 33       |        |          |
| <sup>†</sup> Mason                              | 6,300          | 3,670          | 58       | 800    | 12       |
| Mercer  | 19,500         | 7,580          | 39       |        |          |
| <sup>†</sup> Mineral                            | 6,200          | 1,120          | 18       |        |          |
| Mingo   | 11,400         | 6,050          | 53       |        |          |
| Monongalia                                      | 16,600         | 7,480          | 45       |        | <b>*</b> |
| <sup>†</sup> Monroe                             | 3,200          | 770            | 24       |        |          |
| †Morgan   | 2.400          | 430            | 18       |        |          |
| <sup>†</sup> Nicholas                           | 6,800          | 2,350          | 35       |        |          |
| Ohio  | 21,200         | 11,140         | 53       |        |          |
| Pendleton                                       | 2,100          | 380            | 18<br>20 |        |          |
| Pleasants                                       | 1,700          | 340            |          |        |          |
| <sup>†</sup> Pocahontas<br><sup>†</sup> Preston | 3,000          | 450            | 15       |        |          |
| Preston<br>Putnam                               | 8,000<br>5,300 | 2,090<br>3,070 | 26<br>58 | 640    | 12       |
| Raleigh   | 24,200         | 6,130          | 25       |        |          |
| Randolph  | 7,500          | 1,080          | 14       |        |          |
| Ritchie   | 3,300          | 660            | 20       |        |          |
| Roane   | 4,200          | 1,220          | 29       |        |          |
| Summers   | 4,800          | 1,150          | 24       |        |          |
| Taylor  | 4,900          | 1,270          | 26       |        |          |
| Tucker  | 2,600          | 470            | 18       |        |          |
| Tyler   | 2,900          | 580            | 20       |        |          |
| Upshur  | 5,100          | 770            | 15       |        |          |
| Wayne   | 8,600          | 4,870          | 57       |        |          |
| Webster   | 4,200          | 1,430          | 34       |        |          |
| Wetzel  | 5,200          | 980            | 19       |        |          |
| Wirt  | 1,200          | 340            | 28       |        |          |
| Wood  | 20,100         | 6,830          | 34       | 3,160  | 16       |

| †Wyomin <b>g</b>                              | 9,100            | 3,160           | 35       |            | 12        |
|---|------------------|-----------------|----------|------------|-----------|
| TV counties                                   | 529,600          | 229,320         | 43%      | 35,990     | 7%        |
| total   | 529,600          | 229,320         | 43%      | 35,990     | 7%        |
|   |                  |                 |          |            |           |
| WISCONSI                                      | N                |                 |          |            |           |
| TV counties                                   | total families   | TV fa           | milies   | UHF fai    | nilies    |
| †Barron                                       | 10,400           | 3,460           | 33%      |            |           |
| Brown   | 28,800           | 17,080          | 59       |            |           |
| †Buffalo<br>†Burnett                          | 4,400<br>3,000   | 1,800<br>930    | 41<br>31 |            |           |
| <sup>†</sup> Calumet                          | 5,400            | 2,540           | 47       |            |           |
| †Chippewa                                     | 11,700           | 3,010           | 26       |            |           |
| †Columbia                                     | 10,600           | 2,310           | 22       | ٠          | •         |
| Dane  | 51,100           | 20,880          | 41       | 17,220     | 34%       |
| Dodge   | 17,100           | 10,810<br>1,610 | 63<br>24 |            |           |
| †Door   | 6,600            |                 |          | 2 100      |           |
| Douglas<br>†Dunn                              | 14,300<br>7,900  | 3,400<br>2,690  | 24<br>34 | 3,180      | .22       |
| Eau Claire                                    | 16,900           | 5,160           | 31       |            |           |
| Fond Du Lac                                   | 20,300           | 9,170           | 45       | •          | •         |
| Grant   | 12,300           | 1,910           | 16       |            |           |
| †Green  | 7,600            | 1,100           | 14       |            |           |
| <sup>†</sup> Green Lake                       | 4,700            | 1,030           | 22       |            | •         |
| †Iowa   | 5,700            | 860             |          | *          |           |
| Jefferson<br>Kenosha                          | 13,400<br>24,400 | 7,290<br>19,680 | 54<br>81 | *          | •         |
|   |                  |                 |          |            |           |
| <sup>†</sup> Kewaunee<br>La Crosse            | 4,800<br>20,700  | 1,200<br>2,420  |          |            |           |
| <sup>†</sup> Lafayette                        | 5,300            | 800             |          |            | ٠         |
| <sup>†</sup> Langlade                         | 6,100            | 1,220           |          |            |           |
| †Manitowoc                                    | 20,400           | 9,530           | 47       |            |           |
| Marinette                                     | 10,500           | 1,960           | 19       |            |           |
| †Marquette                                    | 2,800            | 620             |          | а<br>—     | Ψ         |
| Milwaukee                                     | 272,800          | 240,000         |          | 79,300     | 29        |
| <sup>†</sup> Oconto<br>Outagamie              | 7,400<br>24,300  | 1,480<br>6,570  |          |            |           |
|   |                  |                 |          | 950        | 13        |
| †Ozaukee<br>†Pepin                            | 7,300<br>2,100   | 6,570<br>860    |          | 950        | 15        |
| †Pierce                                       | 6,300            | 4,160           |          |            |           |
| †Polk   | 7,500            | 4,950           |          |            |           |
| <sup>†</sup> Portage                          | 9,400            | 1,290           | ) 14     |            |           |
| Racine  | 34,800           | 25,210          |          |            |           |
| Rock  | 30,000           | 7,77            |          | *          | *         |
| †Rusk   | 4,600            | 1,20<br>5,15    |          |            |           |
| <sup>†</sup> St. Croix<br><sup>†</sup> Sawyer | 7,800<br>3,000   | 93              |          |            |           |
|   | 9,800            | 1,870           |          |            |           |
| †Shawano<br>Sheboygan                         | 25,300           | 17,96           |          |            |           |
| +Trempealeau                                  |                  | 2,84            | 0 41     |            |           |
| Walworth                                      | 14,000           | 8,58            |          |            |           |
| †Washburn                                     | 3,300            | . 1,03          |          |            |           |
| +Washington                                   | 10,400           | 9,36            |          | 1,320      | 13        |
| Waukesha                                      | 27,400           | 20,98<br>2,90   |          |            |           |
| Waupaca<br>†Waushara                          | 10,600<br>4,300  | 2,90            |          |            |           |
| Winnebago                                     | 28,600           | 5,37            |          | 2,960      | 10        |
| TV counties                                   | 905,100          | 512,10          | 0 574    | % 108,940  | 12%       |
| other countie                                 |                  | 6,78            |          |            |           |
| total   | 1,045,000        | 518,88          | 0 50%    | 76 109,100 | 10%       |
| *   |                  |                 |          |            |           |
|   |                  | აპ              |          |            |           |
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| TV and  | . total familia  | . 7             | V 6      | ten FIRI   | e familia |

| TV counties | total families   | ŤV fa        | milies    | UHF families |          |  |
|-------------|------------------|--------------|-----------|--------------|----------|--|
| Laramie     | 15,500           | 5,850        | 38%       |              |          |  |
| TV counties | 15,500<br>77,600 | 5,850<br>900 | 38%<br>1% | <u></u>      |          |  |
| total       | 93,100           | 6,750        | 7%        |              | <u> </u> |  |

## Routine Roundup . . .

#### February 17 Applications ACCEPTED FOR FILING **Renewal of License**

WNAB Bridgeport, Conn., WNAB Inc. (BR-1139); WPKY Princeton, Ky., Leslie Goodaker, tr/as The Princeton Bestg. Co. (BR-2430); WABM Houlton, Me., Aroostook Bestg. Corp. (BR-2475); WERI Westerly, R. I., Radio Westerly Inc. (BR-2416) 2316).

#### February 19 Decisions

#### ACTIONS ON MOTIONS By Hearing Examiner Herbert Sharfman

Scripps-Howard Radio Inc., Knoxville, Tenn.--By memorandum opinion and order denied peti-tions to the Examiner to enlarge the issues in re applications for ch. 10 exception noted for Scripps-Howard.

By Hearing Examiner Fanny N. Litvin Franklin County Bestg. Co., Washington, Mo.-Denied petition for leave to amend application, to show changed financial statement.

#### By Hearing Examiner Charles J. Frederick

By Hearing Examiner Charles J. Frederick On petition of Portsmouth Radio Corp., Ports-mouth, Va., postponed the date for commence-ment of taking testimony in re its application and that of Beachview Bcstg. Corp., Norfolk, for ch. 10, from February 23 to March 9 (Action of 2/18). Charleston Bcstg. Co., Southern Bcstg. Co., Charleston, S. C.-By memorandum opinion and order denied petition of Charleston for post-ponement of hearing in re ch. 2, from Feb. 19 to April 19 (Action of 2/16). By Hearing Examiner Claire W. Hardy

#### By Hearing Examiner Claire W. Hardy

By Hearing Examiner Claire W. Hardy KWK Inc., KXOK Inc., Missouri Valley Tv Co., St. Louis, Mo.-Adopted an order to govern hear-ing in re consolidated proceeding for ch. 4; parties shall exchange copies of their evidence on direct, under oath, with each other on March 15; hearing to convene March 29. WMPS Inc., WREC Besty. Service, Memphis, Tenn.-By memorandum opinion and order de-nied petition of WMPS to have hearing of testi-

(Continued on page 100)

#### PROFESSIONAL CARDS -Established 1926-JANSKY & BAILEY, INC. JAMES C. McNARY GEORGE C. DAVIS cutive Offices **Consulting Engineer** PAUL GODLEY CO. 501-514 Munsey Bidg. STerling 3-0111 National Press Building National Press Bldg., Wash. 4, D. C. ces and Laboratories Upper Montelair, N. J. MO. 3-3000 Washington 4, D. C. 1339 Wisconsin Ave., N. W. **Telephone District 7-1205** Laboratories Great Notch, N. J. shington, D. C. ADams 4-2414 Member AFCCE \* Member AFCCE \* Member AFCCE \* Member AFCCE \* mmercial Radio Equip. Co. A. D. RING & ASSOCIATES **GAUTNEY & JONES** Craven, Lohnes & Culver verett L. Dillard, Gen. Mgr. 30 Years' Experience in Radio ERNATIONAL BLDG. DI. 7-1319 WASHINGTON, D. C. CONSULTING RADIO ENGINEERS MUNSEY BUILDING DISTRICT 7-8215 Engineering 1052 Warner Bldg. National 8-7757 MUNSEY BLDG. REPUBLIC 7-2347 X 7037 JACKSON 5302 KANSAS CITY, MO. WASHINGTON 4, D. C. ). BOX 7037 WASHINGTON 4, D. C. Washington 4, D. C. Member AFCCE \* Member AFCCE \* Member AFCCE \* Member AFCCE \* **RANK H. McINTOSH** WELDON & CARR PAGE, CREUTZ, RUSSELL P. MAY GARRISON & WALDSCHMITT ONSULTING RADIO ENGINEER Consulting 711 14th St., N. W. Sheroton Bidg. Radio & Television 1216 WYATT BLDG CONSULTING ENGINEERS Washington 5, D. C. REpublic 7-3984 Engineers WASHINGTON, D. C. 710 14th St., N.W. Executive 3-5670 Washington 6, D. C. Dallas, Texas 1001 Conn. Ave. 4212 S. Buckner Blvd. Member AFCCB\* Metropolitan 8-4477 Member AFCCB \* Washington 5, D. C. Member AFCCE \* Member AFCCE \* A. EARL CULLUM, JR. **GUY C. HUTCHESON KEAR & KENNEDY** ROBERT M. SILLIMAN CONSULTING RADIO ENGINEERS John A. Moffet-Associate 18th St., N. W. Hudson 3-9000 P. O. Box 37 AR. 4-8721 HIGHLAND PARK VILLAGE 1405 G St., N. W. WASHINGTON 6, D. C. DALLAS 5, TEXAS 1100 W. Abram Republic 7-6646 JUSTIN 6108 Member AFCCE \* Washington 5, D. C. Member AFCCE\* ARLINGTON, TEXAS Member AFCCE \* **GEORGE P. ADAIR** WALTER F. KEAN WILLIAM E. BENNS, JR. Consulting Radio Engineers Quarter Century Professional Experience Radio-Islevision-Electronics-Communications 1610 Eye St., N. W., Wash. 6, D. C. Executive 3-1230-Executive 3-6861 (Nights-holidays, Lockwood 5-1819) Member AFCCE \* LYNNE C. SMEBY **Consulting Radio Engineer** AM-TV BROADCAST ALLOCATION Quarter Centu aistered Professional Engineer" FCC & FIELD ENGINEERING 3738 Kanawha St., N. W., Wash., D. C. 1 Riverside Road---Riverside 7-2153 Phone EMerson 2-8071 G St., N. W. EX 3-8073 Box 2468, Birmingham, Ala. Riverside, III. WASHINGTON 5, D. C. Phone 6-2924 Member AFCCE \* (A Chicago suburb) Vandivere. CARL E. SMITH **DBERT L. HAMMETT** JOHN B. HEFFELFINGER CONSULTING RADIO ENGINEERS Cohen & Wearn **NSULTING RADIO ENGINEER** Consulting Electronic Engineers 612 Evans Bidg. NA. 8-269 4900 Euclid Avenue BANKERS INVESTMENT BLDG. 815 E. 83rd St. Hiland 7010 Cleveland 3, Ohio HEnderson 2-3177 NA. 8-2698 **FRANCISCO 2, CALIFORNIA** KANSAS CITY, MISSOURI 1420 New York Ave., N. W. SUTTER 1-7545 Washington 5, D. C. Member AFCCE \* LOWELL R. WRIGHT **DAWKINS ESPY** QUALIFIED ENGINEERING Aeronautical Consultant Aeronaurical Consultant (Fermetry Bepartment of Commerse—C.A.A. Member Washington Airspace Subcommittee) Offers a specialized consulting service to the Radia and Television Industry an aeronautical problems created by tower construction is of paramount importance **V** Broadcast Engineering in getting your AM, TV or FM station on the air. lete Field Measuring Service Publish a Professional Card Wilshire Blvd. Arizona 88922 and join these engineers, among the foremost in their field. construction. R. F. D. No. 2. BOX 29. HERNDON, Va. (Suburban Washington, D. C.) Toi: 114-M Member AFCCE Los Angeles, Calif.

## SERVICE DIRECTORY

tom-Built Equipment S. RECORDING CO. Vermont Ave., Wash. 5, D. C. Lincoln 3-2705

ROADCASTING • TELECASTING

COMMERCIAL RADIO MONITORING COMPANY MOBILE FREQUENCY MEASUREMENT SERVICE FOR FM & TV Engineer on duty all night every night JACKSON 5302 P. O. Box 7037 Kansas City, Mo.  TOWERS → AM ● FM ● TV Complete Installations
 TOWER SALES & ERECTING CO. 6100 N. E. Columbia Blvd. Partland 11, Oregon IF YOU DESIRE TO ADVERTISE IN THE PROFESSIONAL OR SERVICE DIRECTORY Contact BROADCASTING-TELECASTING 1735 DESALES ST.. N.W.. WASH. 6. D. C.

March 1, 1954 • Page 97

#### CLASSIFIED ADVERTISEMENTS

Payable in advance. Checks and money orders only.

Deadline: Undisplayed-Monday preceding publication date. Display-Tuesday preceding publication date.

Situations Wanted 20¢ per word-\$2.00 minimum • Help Wanted 25¢ per word-\$2.00 minimum.

All other classifications 30¢ per word-\$4.00 minimum • Display ads \$15.00 per inch. No charge for blind box number. Send box replies to

BROADCASTING • TELECASTING, 1735 DeSales St. N. W., Washington 6, D. C. APPLICANTS: If transcriptions or bulk packages submitted, \$1.00 charge for mailing (Forward remittance esparately, please). All transcriptions, photos, etc., sent to box numbers are sent at owner's risk. BROADCAST-ING • THECASTING expressly repudiates any liability or responsibility for their custody or return.

#### Help Wanted

#### Managerial

Manager for 1000 watt full-time network station in one of the top eastern markets of 140,000. Will consider young man with strong sales experi-ence and managerial ability. Will train in opera-tional policies of our group owned organization. Please send full resume of experience, personal background and photo. Reply to Box 553C, B.T.

Break into managing March 15. Must be versa-tile. Sports and engineering. Tape and resume, KLVC, Leadville, Colorado.

#### Salesmen

Florida salesman. Experienced man. Excellent opportunity for hard worker. Give full details in your first letter. Box 676A, B-T.

Salesman—Oregon CBS affiliate has immediate opening for experienced time salesman. Good guarantee against 15%. Outstanding community in one of the west's finest recreation areas. Applicants must be salesmen, not order takers or floaters. Box 516C, B.T.

**KEPO El Paso, Texas, has excellent permanent** position for good salesman. Class II clear chan-nel really covers this fast-growing market. Sal-ary, car allowance, plus commission. Protected accounts. Ideal living and working conditions.

Radio-tv salesman. Experienced live wire inter-ested in selling radio and tv. Salary and com-mission benefits. Phone today, KPRK, Livingston. Montana.

Saies manager with ambition. Excellent market in one station town. Pay open and unlimited if you produce. Applications confidential. Howard M. Reedy, Manager, WROY, Carmi, Illinois.

#### Announcers

Top morning combo with five years experience and 1st ticket. \$90.00. for 44 hour week for good personality and pitch man. New York State in-dependent. Send tape and background. Box 370C, B-T.

Combo announcers, 1st engineers or salesmen. Immediately. Indiana. Box 488C, B.T.

Announcer-Chicago, full-time. Must know clas-sical music and must be capable of good French, German and Italian pronunciations. Tempered commercial delivery. Box 513C, B-T.

Announcer needed, starting April first. Radio Station KDWT, Stamford, Texas.

Ambitious salesman.announcer interested in ra-dio and start of tv from ground up in small sta-tion. Salary, commission benefits. Phone today, KPRK, Livingston, Montana.

Experienced announcer, strong on news and commercials, for general staff work on long-established network affiliate. Excellent oppor-tunities starting with good salary. Send audi-tion and background to WFDF, Flint, Michigan.

1 kilowatt independent with topflight staff has immediate opening for good announcer. Modern plant, good working conditions, congenial co-workers, stable financial picture. Will consider solid young announcer ready to move up. Send complete information and audition, WMIX, Mt. Vernon, Ill.

#### Technical

Chief engineer for installation, maintenance lkw, announcers and continuity. State salary, ex-perience, reference. WAFC, Box 396, Staunton. Virginia.

WSEE new tv station in Erie, Pennsylvania, needs several first class engineers immediately, installation and operation. Send complete de-tails first letter. Ed Zellefrow, Chief Engineer.

Combination man wanted. First class license and technical experience required, announcing sec-ondary. Contact Ed Damron, WSSC, Sumter, S. C.

### Help Wanted-(Cont'd)

Engineers (4) for new am-vhf-tv station. Excel-lent opportunity. Send reference and resume. References will be carefully checked. Write Box 139, Albany, Georgia.

#### Production-Programming, Others

If you are making less than \$15,000. annually, contact this tv newspaper affiliate for year-round special promotion selling. Give experience, ref-erences. Box 518C, B-T.

Copy girl-receptionist. Regional 1kw independ-ent in fast growing Texas market. Pleasant sur-roundings. Airmail full details including picture to Box 545C, B-T.

#### Television

#### Help Wanted

#### Managerial

Management team—Two men highly specialized for television station. Thoroughly experienced in station construction and operations. Excellent network and agency contacts. Guarantee top programming and national spot sales. Can also staff station on short notice with trained tv personnel. Box 552C, B.T.

#### Salesmen

Midwestern tv station in excellent middle market has opening for two aggressive salesmen. Prefer central states men with radio station sales back-ground. Guarantee, commission. Please wire or write Box 525C, B•T.

#### Announcers

Tv announcer. Only channel in sizeable mid-west market. Extensive local operation. Ex-perience unnecessary if radio background good. Send tape, photo, resume, Program Director, KVTV, Sioux City, Iowa.

#### Production-Programming, Others

Director-station experience desired-two camera operation, working knowledge of lighting and TS-11 essential. Box 499C, B.T.

Experienced tv director. Must be expert on switcher. Air work ability secondary. Also have excellent opening for announcer-director who does good on-camera job. Tom Hennesy, WJBF-TV, Augusta, Ga.

#### Situations Wanted

#### Managerial

Thoroughly experienced mature manager avail-able for relocation because of tv merger. Top references, nationally respected. Box 316C, B-T.

General manager for tv or radio available with experience in construction and management uhf-tv station in major southern market construction and management of am stations with emphasis on economical operation. Interested in managing am station with tv future and opportunity of stock interest. In any event if you are interested in any other proposition, contact Box 494C, B-T.

Progressive radio and television background. Now assistant tv manager. Ready to move up. Box 524C, B•T.

#### Salesmen

Progressive salesman-announcer, well experi-enced, good record, needs \$8000. year working opportunity. Box 536C, B\*T.

#### Announcer

Baseball announcer, Seven years experience. Fine voice, best of references. Box 341C, B-T.

#### Situations Wanted—(Cont'd)

Combo man, 3rd class permif, college graduate, Light on experience, strong on news and sports, can do play-by-play of baseball and football. Car, can travel anywhere. Draft exempt. Box 359C, B-T.

Personality announcer; program director; news, sports specialist fourteen years. Available. Box 392C, B-T.

Authoritative news presentation. Understanding with views, chats, commercials. 25kw experience. Mid-western graduate. Gates board. Box 441C, B-T.

Sports announcer-all sports and sales. 28, col-lege, five years experience. Box 448C, B.T.

Available April 10th. Fifteen years top radio ex-perience. Two years agency. Two years on Mutual, writer for CBS. Programming, announc-ing, writing, selling, promotion. Play-by-play on regional. Public relations officer. Presently employed. Married, two children. Sober, re-liable, top references. Loaded with commercial ideas that sell. No big time interest. Friendly community, progressive organization. Prefer hunting and fishing area but will consider any locale and any job with opportunity. All inquir-ies answered. Salary secondary. Box 498C, B-T.

Staff announcer, experienced with independent. News, sports, music, personality. Tape. Box 502C, B.T.

Announcer, 4 years experience. 1st phone. Avail-able 2 weeks notice. Box 504C, B.T.

Announcer, actor, DJ. Experienced highbrow to holdown kiddies to classics. Family man. 27, tall, dark and immediately available. Box 506C, B•T.

Six years solid experience all phases news, sports, special events, DJ. Some tv. Reliable, hard worker looking for that right spot. Box 508C, B-T.

Experienced sportscaster, baseball play-by-play New York, Pennsylvania, midwest, southeast Box 514C, B•T.

Experienced newsman-DJ with air selling ability desires to further career. Excellent knowledge news, pop music. East only. Request tape, lette: Box 515C. B•T.

Experienced staff announcer, 4 years, strong on news, commercials, sports, play-by-play, colleg-grad, vet., single, control board, top references Prefers east. Box 521C: B•T.

Announcer-engineer, 6 years' experience al phases broadcasting including sports play-by play. Excellent references. Box 533C, B•T.

Top notch radio and tv sports announcer want baseball job in metropolitan market with t affiliation. Now employed. Box 537C, B•T.

Announcer-control board operations, reliable Limited experience. Desires station staff connec-tion. News, DJ, strong on commercials, singl-draft exempt. Available immediately. Resum-tape, references. Box 539C, B•T.

Young negro personality, announcer, newscaste DJ, good ad-libber, experience light. Trave good opportunity. Board operator. Excelle references, tape, resume. Box 540C, B•T.

Announcer news, commercials, DJ, sports, boar Limited experience, tape, resume, travel, veteræ Box 542C, B•T.

Announcer, newscaster, DJ, smooth commercia control board, limited experience. Veteran, tar resume. Available immediately. Box 543C, B

Trained in all phases of radio and television a nouncing. Strong on commercials. Disc or t available. Third class ticket. Box 544C, B\*T. ta

Announcer, staff or personality. Over five yeau experience. Would like low salary plus pe centage arrangement. Box 550C, B•T.

Announcer: Good potential, light experien commercial radio. Extensive college radio, sor tv. Reliable, mature, veteran. Locate anywhen prefer west. Interests news, farm. Bill Arnesc 4408 West 34th Ave., Denver, Colo.

All-around. Five months' experience. Rac school graduate, sober, draft exempt. Char Doll, 907 Clinton Street, Hoboken, New Jerse HO 4-9976.

#### Situations Wanted-(Cont'd)

Female personality, warm friendly voice, slight British accent. Write continuity and commercials, control board, office experience, specialize in female personality DJ shows. Ronnie Jennings, c/o Foster, 168-20 Northern Blvd., Flushing, N. Y.

Highest Hooper morning show in this area for nine years "Groans by Jones" desires new locale. If you need outstanding show, contact Bob Jones, 502 North Greene Street, Greensboro, N. C. Telephone 3-1152. Best references. Southeast preferred.

Recent graduate of Cambridge School of Announcing. Good baritone voice for newscasting. Experience limited. Have done both sports and disc jockey work. Have thorough knowledge of control board operations. Veteran, college graduate, 26, free and eager to travel. Seek permanent connections. Bill Mosca, 403 E. 3rd Street, Brooklyn, New York. Ulster 3-0112.

College graduate, recent post-grad study at Northwestern in broadcasting tv, etc., Eight years show business and three months DJ experience. More information upon request. H. Pieron, 8452 Kingston Ave., Chicago, Illinois.

Young, reliable, experienced indie station. Excellent references. Tape, will travel. Gil Stenson, 530 E. 156th Street, Bronx 55, N. Y.

Announcer. News, commercials, DJ, sports, board, mature voice, veteran, married, third ticket, sales interest. Will travel. Tape. Fred Ross, 289 Empire Boulevard, Brooklyn, New York. President 3-0549.

Announcer, first license. Experienced. 115 East Park, Taylorville, Illinois.

#### Technical

Experienced engineer with degree and considerable electronics experience is interested in job with promising future. Knowledge of Spanish and will travel. Box 465C, B•T.

Second phone. No broadcasting experience. Vet, single. Desires studio and remote work. No announcing. Have no car. Studying for first class ticket. Interested in station with tv plans. Location anywhere. Box 497C, B.T.

Rellable transmitter technician. Am-fm and vhfty background. Maintain and operate. Box 501C, B-T.

Engineer, first phone. Experienced in transmitter, maintenance, remotes, recording and board work. Box 505C, B.T.

Engineer 1st phone. Married, reliable, experienced all phases of am and fm broadcasting. Give all details first letter. References available, require notice. Box 510C, B.T.

Chief engineer or supervisor available immediately. 12 years experience am-fm-tv, from 250 watt to 50 kw. Recently completed uhf station Box 522C, B.T.

First phone, technician. Experience radio-tv servicing, married, veteran, car. Prefer upper midwest. Elwood Ewy, Avoca, Minnesota.

1st phone. 2 years experience, disc and tape recording. Some control experience. Prefers New York, Clarence Williams, 100 W. 139th Street, #44B, New York 30, N. Y.

Tapak walkie-tape-recorders, famous stars of radio, tv, experienced all sorts of remote situations. No salary, will travel. Try before buy. Broadcast Equipment Corp., 135-01 Liberty Ave., Richmond Hill 19, N. Y.

#### Production-Programming, Others

Eight years radio-tv experience. Five years producing and directing with major New York network. Box 509C, B.T.

Woman, three years continuity, traffic, air. What can I do for you? Box 527C, B•T.

Television-radio producer writer offering 7 years well rounded station-New York ad agency experiance, looking for good supervisory position. Will consider relocating. Box 538C, B\*T.

Mature man, well educated and informed, wants writing, editing or advisory script work in New York City. Have good sense of humor. Remuneration nominal until worth proven. Available evenings. Box 541C, B.T.

Although presently employed as a columnist for one of the larger metropolitan newspapers, my oackground is news-gathering and newscasting, a field to which I wish to feturn. I have experience in both radio and tv. Widely traveled throughout the world, I have a sound background of national and international affairs. Exsellent delivery. Best references. Box 548C, B-T.

#### Television

#### Situations Wanted

#### Managerial

Relocation advisable for economy-minded, nationally respected manager because of tv merger. Twenty years successful broadcasting background. Not above accepting lesser capacity with good organization. Box 317C, B•T.

Broad background and experience. Can organize your operation. Let's talk it over. Box 526C, B.T.

#### Salesmen

Experienced in tv and radio, capable administrator, neat, sober. aggressive. Box 528C, B.T.

#### Announcers

Nine years television-radio experience. Versatile, personable, dependable. Outstanding news. Box 534C, B.T.

Former radio p.d. wants crack at tv announcingproduction. Produced 1953 NAEB series. Background in theatre and film. Single, 30, B.S. degree, salary secondary. Louis Ford, Apt. 49, 454 Fort Washington Ave., New York 33, N. Y.

#### Technical

Chief engineer, experienced all phases of television, both studio and transmitter, including operation, maintenance and construction. Box 396C, B.T.

Experience tv studio engineer presently employed. Seeking better opportunity. Excellent references. Box 503C, B.T.

Several tv engineers will be needed soon for permanent Houston operation of KGUL-TV, Galveston, Texas. Write Chief Engineer.

Engineer for tv control room. WKZO-TV, Kalamazoo, Michigan.

If you are ready for tv with good radio experience, WTOC-TV is ready for you. Increased operation creates new opportunities in television. Write to Kyle E. Goodman, Chief Engineer, WTOC-TV, Savannah, Georgia.

#### Production-Programming, Others

Commercial copy-chief. Years of radio, all phases. Seeking tv. Family man. Have car. Will travel. Present employer knows of this ad. Located S.W. Available 2 weeks. Steady only. Box 517C, B.T.

Available March 1; age 31; ten years motion picture and television experience. Interested in live programming and remotes. References. Box 520C, B-T.

News director. Experience three tv outlets. Economical. Saleable news presentation. Box 535C, B.T.

Graduate of Television Broadcasting School, arts and production phases. For complete data write, Richard J. Dunlap, 522 N. Prospect, Colorado Springs, Colorado.

#### For Sale

#### Stations

Ask for our free list of good radio buys. Jack L. Stoll & Associates, 4958 Melrose Ave., Los Angeles 29, California.

Radio and television stations bought and sold. Theatre Exchange, Licensed Brokers, Portland 22, Oregon.

#### Equipment, etc.

Planning tv? Save your boss some money. 560 feet of Andrew #453 transmission line, 61%" 51.5 ohms. New -in storage- never used. Can be bought at a big discount. Box 373C, B.T.

Five kilowatt am transmitter complete with some spare tubes, \$2,900. Box 530C, B•T.

Will sell in lot or by unit. All in good condition: One 3kw BTF3B RCA im transmitter; One General Electric fm frequency and modulation monitor; One 255-ft. non-insulated self-supporting Blaw Knox tower; One '4-section low band fm pylon antenna; One 50-foot guid stainless tower, designed to support 6-bay superturnstile tv antenna; One 250-watt Western Electric am transmitter. Box 549C, B-T.

#### For Sale—(Cont'd)

1 Gates, S251 transmitter; RCA limiter; 2 REK-O-KUT turntables with pre-amplifiers and filters; complete home-built console and matching tower equipment to put a 250 watt station on the air in a hurry economically. Any reasonable offer accepted, available now. Also 2 speech racks, 2 Billey Crystals 1490kc and one James Knight Crystal 850kc. Box 551C, B.T.

Two Presto 10-A turntable chassis in perfect condition, with added adaptation for 45 r.p.m. A real buy for \$180.00. for both, crated for shipment, FOB Houston, Texas. First come, first served. Technical Director KXYZ, Gulf Building, Houston, Texas.

RCA radio microphone type BTP-1A with operating and maintenance instructions. Factory new. Best offer. WDBC, Escanaba, Michigan.

WFMY-TV, Greensboro, has 3 antenna mounting trestles for RCA TF6AL. Made to exact RCA specifications. \$150. fob Greensboro, N. C. Contact William E. Neill, WFMY-TV.

Fm transmitter (R.E.L.) with monitor, crystals, etc., complete and in good condition, \$1850. Also 4 bay Andrew fm antenna (adjustable) \$1150. with 235 ft. of co-axial line. Complete fm station ready to go immediately. WIVY Jacksonville, Florida.

This is a give-away. If you will pay the cost of taking down this 175-foot self-supporting Truscon tower, you can have the tower and lighting. We are now using a new tower and have no use for this one which is mounted on a hotel building in downtown Richmond, Indiana. Contact Louis Duning, Chief Engineer, Radio Station WKBV, Richmond, Indiana.

Best offer, 240 ft. Truscon self-supporting tower, type H-30 with lights. WOKY-TV, 704 W. Wisconsin Avenue, Milwaukee, Wisconsin.

It's smart to be shifty. Why lug a maggie to a remote when you can wear a Tapak newscaster, the walkie tape "studio." No charging, no lines, just you. Try before buy. Broadcast Equipment Corp., 135-01 Liberty Ave., Richmond Hill 19, N. Y.

Ampex 403C \$650 ec; Cub-Corder demonstrator \$190; Presto 85A; 90B with 161A equalizer \$395; 6N; WE 639; RCA 76B2 console; KB2C. United Radio, 22 N.W. 9, Portland, Oregon.

Interested in films? For public reaction through screening committees National Board of Review of Motion Pictures, plus authoritative articles, only \$3 a year, read "Films in Review," P. O. Box 109, Gracie Station, New York 28, N. Y.

Composite 250 watt transmitter. Ideal for conelrad use. Make offer. Box 736, Santa Maria, California.

#### Wanted to Buy

#### Stations

Eastern am station, medium or small market in red or black ink. Response will be held in confidence. Send particulars first letter. Box 495C, B•T.

Can pay all cash for radio station. East preferred but will consider any location. Immediate. Box 511C, B.T.

Small, local or regional network outlet in the west, preferably Idaho, Nevada, Arizona, Oregon, Washington. Might be interested in non-metropolitan California locations. Give enough information first letter to justify phone or personal followup. Box 512C, B.T.

#### Equipment, etc.

300 ft. guyed tower for am and to support a three bay RCA fm turnstile. Quote price, make and weight of tower. Box 507C, B.T.

Want RCA WX-2C field strength meter, tower coupling unit, 2 tower phasor and phase monitor, phase monitor pickup loops. Box 532C, B.T.

Modulation and frequency deviation monitors, must be FCC approved and adaptable for 1270 kilocycle operation. Send complete information to Robert J. Sinnett, Radio Station WHBF, Rock Island, Illinois.

Used recording equipment. Will offer highest trades on new equipment. Commercial Electronic Service, 2609 Olive Street, St. Louis 3, Mo.

#### Miscellaneous

Will purchase clever tv program ideas, also gimmicks for getting popular recorded music on tv. Give details, price. All replies confidential. Box 519C, B.T.

(Continued on next page)

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#### Miscellancous-(Cont'd)

A complete application for a television hearing in leathered bound volumes representing the latest and best thinking of the recognized top legal talent and consultants' work in the coun-try. Thousands of dollars can be saved by utilizing this information if you are planning to file a tv application or may be involved in a tv hearing. Box 500C, B-T.

FCC operator license quickly. Individualized instruction by correspondence or in residence. Beginners get first phone in 8 weeks. Guaran-teed results. Free brochure. Write Don Gran-tham, 6064 Hollywood Blvd., Hollywood, California.

Newest space-saving workbench, 48" x 24" x 33", completely equipped, shipped FOB knocked down, minutes assembled, only \$9.95; Riolemtel, Palatka, Florida.

**Help Wanted** 

Salesman

## Wanted

## COMMERCIAL MANAGER

Radio or Television

If you are a top producer in a medium or small size market seeking advancement and would like living in delightful New England please answer. We are looking for an aggressive, intelligent, hard working man with emphasis on proven personal sales ability. This is the only AM-TV combination in a big market. Salary commensurate with ability. Please send basic facts, photo and salary requirements. No float-ers. All replies will be answered and treated strictly confidential.

Box 523C, B•T.

## **BROADCAST-COMMUNICATIONS** SALES ENGINEERS

Mojor manufacturer of broadcast, communica-tions and electronic equipment has excellent opportunities for two broadcast field soles en-gineers to work from New York and Dallas of-fices. Qualifications must include experience in selling broadcast or communications equipment. Send complete personal resume including experi-ence and salary requirements to the nearest regional office below.

#### COLLINS RADIO CO.

W. A. Schrader 11 W. 42nd St. New York 36, N. Y.

T. W. Sharpe 1930 Hi-Line Dr. Dallas 2, Teras

#### Announcers

## ------------------------

#### BASEBALL PLAY-BY-PLAY MAN NEEDED IMMEDIATELY

Baseball play-by-play announcer for all games of Columbia Reds in Sally League. Must be thoroughly experienced in live and re-created broadcasts. Our present sportscaster has been assigned to Mutual Game-of-the Day crew. Minimum guarantee \$100.00 per week. Rush tape, photo and letter telling all to WNOK, Columbia, South Carolina.

Page 100 • March 1, 1954 Television

Help Wanted Technical

## TECHNICIANS CBS **Television Network**

Needs Technicians for Video Control and Maintenance Work.

Emphasis placed on engineering education, electronic schooling, first-class license, broadcast experience (AM, FM or TV), amateur activity, etc.

Mail detailed resume to

## CBS-TV,

**Technical Operations Manager,** 524 West 57th Street, New York, N. Y.

#### Situations Wanted

#### MANAGERIAL

MAINAGENIAL Successful station manager presently em-ployed with highly successful 1000 watt Midwest independent in market of 625,000 wishes to join AM operation where I can invest small amount of capital or AM-TV station in administrative or program ca-pacity fitting ability. Have supervised and worked all phases. Family man in mid thirties, college graduate, veteran. Now earning \$9,000 annually. Box 496C, B•T.

Production-Programming, Others

#### EXPERIENCED NEWSMAN AVAILABLE

AVAILABLE I AM THIRTY-SIX YEARS OLD-WIDELY TRAVELLED - RADIO - TV EXPERIENCE IN U.S.A., BRITAIN AND INDIA. FORMER NEWS COMMENTATOR AND NEWSCAST-ROPOLITAN NEWSPAPER - WORLD-WIDE CONTACTS. SOUND KNOWLEDGE OF NATIONAL AND INTERNATIONAL AFFAIRS - EXCELLENT DELIVERY. ANXIOUS TO RESUME BROADCASTING CAREER. WRITE BOX 547C, B-T.

#### Television Managerial

## **EIGHT YEARS VHF EXECUTIVE EXPERIENCE**

Thorough practical knowledge of all phases of TV operation; management, sales, programming, promotion, film, traffic, etc., in major markets. Present position in one of nation's top promotional jobs, AM and TV. Limited. Believe management to be next step. Have gone through opening of two well known VHF stations. Know all short cuts leading to black ink. Excellent agency contacts. Especially familiar with sales and programming problems. Available for personal interview.

Box 546C, B•T.

For Sale

Stations

How to "Steal" a Station Network affiliate, grosses \$100,000. Other interests compel sale. If you can swing \$20,000 cash and can decide quickly, send references and evidence of financial ability airmail.

Box 529C, B•T.

## BARGAIN

Truscon 411 foot, type D-30 self-supporting tower erected near Silver Spring, Maryland, but never used. Triangular base, with thirty-seven feet, seven inches, fabricated for GE 4bay FM antenna. Tower may be purchased separately or as unit with antenna. Will dismantle or make any arrangements to suit purchaser. Can be had at a real sacrifice. For information write

BOX 531C, BOT.

## 

Miscellaneous



BROADCASTERS EXECUTIVE PLACEMENT SERVICE Executive Personnel for Television and Radio Effective Service to Employer and Employee HOWARD S. FRAZIER TV & Radio Management Consultants 708 Bond Bldg., Washington 5, D. C.

### PERSONNEL PROBLEMS?

We render a complete and confidential service to Radio & TV Stations (near and far) as well as Program Producers.

Griffin & Culver Personnel (Agency) 280 Madison Ave., New York, N. Y. ORegon 9-2690 Poul Baron, Dir., Radio TV and Film Div. Resumes welcomed from qualified people.

- FOR THE RECORD -

(Continued from page 96)

mony in proceeding re ch. 3 continued for 3 days. (Action taken 2/18). By Hearing Examiner Herbert Sharfman

Latrobe Bestrs., Latrobe, Pa.—Continued hear ing from Feb. 23 to March 22 in re application. By Hearing Examiner Harold L. Schilz

Adopted an order for pre-hearing conference and to regulate conduct of hearing in re apply cations of Abraham Klein, Contact and Hav-A Call, Inc., for one-way signaling stations in Philadelphia; parties and their counsel are di rected to appear at a conference on Februar; 24, 1954.

#### February 19 Applications

Accepted For Filing

License for CP

License for CP WPXY Punxsutawney, Pa., Cary H. Simpson Roy E. Morgan, Mitchell Jenkins, Edna W. Mor gan and Emily Morgan Clawater, Executrices o the Estate of Dr. Isaiah C. Morgan, deceased Jason S. Gray, Harold T. Gray, William B. Ross Lloyd F. Mohney, George W. Williams and Ed ward P. F<sup>1</sup>nger d/b as Jefferson Bcstg. Co.—Li

BROADCASTING • TELECASTING

cense to cover construction permit (BP-8387) as modified which authorized a new standard broad-cast station. Amended to change name of appli-cant to Jefferson Bcstg. Co. (BL-5005). Amended. Modification of CP

WNEL San Juan, P. R., Station WMEL Corp.— Modification of construction permit (BP-8617) as modified, which authorized change frequency, increase power, install new transmitter, change transmitter location and make changes in the antenna system for extension of completion date (BMP-6441).

date (BMP-6441). KIMA Yakima, Wash., Cascade Bcstg. Co.—Li-cense to cover construction permit (BP-8704) as modified which authorized increase in power, installation of new transmitter and directional antenna for night use and make changes in the antenna system (BL-5222). KEYT Santa Barbara, Calif., Santa Barbara Bestg. and Tv Corp.—Mod. of CP (BPCT-1122) as mod., which authorized new tv station to ex-tend completion date from 3-27-54 (BMPCT-1870). WLWA Atlanta Ga. Crosley Brets of Atlanta

WLWA Atlanta, Ga., Crosley Bestg. of Atlanta Inc.—Mod. of CP (BPCT-927) as mod., which authorized changes in facilities of tv station for extension of completion date from 3-10-54 (BMPCT-1854).

WGN-TV Chicago, Ill., WGN Inc.-Mod. of CP (BMPCT-723) as mod., which authorized changes in facilities of existing tv station for extension of completion date to October, 1954 (BMPCT-1869).

KGTV Des Moines, Iowa, Rib Mountain Radio Inc.-Mod. of CP (BPCT-1552) as mod., which authorized new to station to extend completion date from 3-25-54 (BMPCT-1871).

WHYN-TV Springfield, Mass., The Hampden-Hampshire Corp.—Mod. of CP (BPCT-463) as mod., which authorized new tv station for ex-tension of completion date to 5-28-54 (BMPCT-1867).

1867).
WSLI-TV Nr. Jackson. Miss., Standard Life Besg. Co.—Mod. of CP (BPCT-1035) which au-thorized new tv station for extension of com-pletion date to 4-30-54 (BMPCT-1872).
WATV Newark, N. J., Bremer Bestg. Corp.— Mod. of CP (BPCT-57) as mod., which author-ized new tv station for extension of completion date to 6-15-54 (BMPCT-1868).
WABC-TV New York, N. Y., American Bestg.-Paramount Theatres Inc.—Mod. of CP (BPCT-79) as mod., which authorized new tv station to extend completion date from 3-7-54 (BMPCT-1863). 1863).

WFMJ-TV Youngstown, Ohio, The Vindicator Printing Co.-Mod. of CP (BPCT-259) as mod., which authorized new tv station for extension of completion date to 9-11-54 (BMPCT-1865).

WBAY-TV Green Bay, Wis, Norbertine Fathers-Mod. of CP (BPCT-1145) as mod., which authorized new tv station for extension of completion date to 6-15-54 (BMPCT-1866).

Remote Control

Remote Control KIBE Palo Alto, Calif., Sundial Bestg. Corp. (BRC-306); WTPR Paris, Tenn., Paris Bestg. Co. (BRC-307); KULA Honolulu, Hawaii, Pacific Frontier Bestg. Co. (BRC-302); WCMA Corinth. Miss., The Corinth Bestg. Co. (BRC-303); KRGA Springfield, Ore., W. Gordon Allen (BR-303); WCRO Johnstown, Pa., Century Bestg. Corp. (BRC-305); KCMC Texarkana, Tex., KCMC Inc. (BRC-309); KTNT Tacoma, Wash., Tribune Pub. Co. (BRC-304).

#### Applications Returned

KGMS Sacramento, Calif., Irving James Schwartz, William Stephen George and John Matranga d/b as Capitol Radio Enterprises--Con-struction permit to change hours of operation from daytime to unlimited, using power of 1 kw day and 500 w night, change from directional antenna day to directional antenna day and night, and change transmitter and studio loca-tions tions.

H. E. Williams, Herbert J. Krepf, Hubert E. Clemmer, G. W. Threadgill, Guy Harwood, Ben I. King, Bryant Cunningham d/b as West Tonnes-see Bestg. Co., Milan, Tenn.—Construction per-mit for new standard broadcast station on 1350 'cc, 1 kw and daytime hours of operation.

Wallace Simpson, Post, Tex. - Construction permit for a new standard broadcast station on 1220 kc, 350 w and daytime hours of operation.

#### February 24 Decisions

ACTIONS ON MOTIONS The following actions on motions were taken

#### as indicated: By Comr. E. M. Webster

Chief Broadcast Bureau—Granted petition for extension of time to and including Feb. 25 in which to file comments in re petition for review of Examiner's order governing hearing filed by WREC Memphis, Tenn., applicant for ch. 3.

By Hearing Examiner Annie Neal Huntting By Hearing Examiner Annie Neal Huntung Central Plains Enterprises Inc., The Oil Capital Tv Corp., Tulsa, Okta.—Directed Oil Capital to file information necessary to complete description of its non-network programs on or before Feb. 24. as required by memorandum opinion and order of Feb. 11; further ordered hearing conference scheduled for Feb. 24 continued to March 4, in re applications for ch. 2. Texas State Network Inc., Fort Worth, Tex.—

BROADCASTING • TELECASTING

Granted petition for leave to amend its appli-cation for tv ch. 11 to supply information re a new director, etc. Fort Worth Tv Co., Fort Worth, Tex.—Granted motion for continuance of hearing conference in re its application, et al. for ch. 11, from Feb. 26 to March 12. (Action taken 2/18).

#### By Hearing Examiner Basil P. Cooper

KTBS Inc., International Bcstg. Corp., Shreve-port, La.—Granted motion of KTBS for exten-sion of time from Feb. 26 to March 12 in which to file proposed findings re application for ch. 3.

#### By Hearing Examiner Fanney N. Litvin

The Brush-Moore Newspapers Inc., Stark Tv Corp., Tri-Cities Telecasting Inc., Canton, Ohio-Granted joint petition of applicants for exten-sion of time from Feb. 23 to Feb. 26 in which to file proposed findings in re their applications for ch. 29 (Docket 10272 et al).

By Hearing Examiner H. Gifford Irion

Issued a statement and order which will gov-ern the course of hearing in re applications of Richmond Newspapers Inc. and Richmond Tv Corp., for ch. 12 in Richmond, Va.; taking of testimony to begin on Monday, March 1.

#### By Hearing Examiner Isadore A. Honig

On request of counsel for Appalachian Bcstg. Corp. and Tri-Cities Tv Corp., applicants for ch. 5 in Bristol, Tenn.-Va., continued the hearing conference in this proceeding from Feb. 26 to March 1,

#### By Hearing Examiner Millard F. French

Issued first order to control conduct of hear-ing in re applications of Tulsa Bcstg. Co., Okla-homa Press Pub. Co., and Ashley L. Robison, ap-plicants for ch. 8 in Muskogee. Okla.; said order to govern course of hearing unless modified in accordance with the rules.

#### BROADCAST ACTIONS

#### Actions of February 19

#### Modification of CP

The following stations were granted Mod. of CP's for extension of completion dates as shown: WPAG-TV Ann Arbor, Mich., to 8-11-54; WSJS-TV Winston-Salem, N. C., to 9-8-54; KIEM-TV Eureka, Calif., to 9-10-54.

#### Actions of February 18

#### Granted License

KLCO Poteau, Okla., Le Flore Bestg. Co.-Granted license for am broadcast station; 1280 kc, 1 kw, D (BL-5173).

Granted license covering mounting of tv antenna on top of the present am tower (increase in height); condition (BL-5216).

#### **Remote** Control

The following stations were granted authority to operate transmitters by remote control: WCRO Johnstown, Pa., KULA Honolulu, T. H.; KTNT Tacoma, Wash.; WTPR Paris, Tenn.; KIBE San Francisco, Calif.

WFAR Farreli, Pa., Sanford A. Schafitz-Grant-ed Mod. of CP to change type transmitter and specify studio location (BMP-6431).

The following stations were granted Mod. of CP's for extension of completion dates as shown:

## WHP-FM Harrisburg, Pa., to 5-12-54; WBAY-TV Green Bay, Wis., to 9-15-54; WKNB-TV New Britain, Conn., to 9-7-54; WHYN-TV Springfield, Mass., to 8-28-54; WATV (TV) Newark, N. J., to 9-15-54.

### Actions of February 17

#### Granted License

WNDB Daytona Beach, Fla., News-Journal Corp.—Granted license covering change in hours of operation from D to U, installation of DA for night use only, and make changes in ground system; conditions (BL-4675). KEYY Provo, Utah, Mid-Utah Bestg. Co.— Granted license covering the installation of a new transmitter (BL-5116).

#### **Modification of CP**

KEDM Edmonds, Wash., Kings Inc.-Granted Mod. of CP for approval of antenna, transmitter and studio location (BMP-6373).

The following stations were granted Mod. of CP's for extension of completion dates as shown: WFMJ-TV Youngstown Ohio. to 9-11-54: WFMJ-TV Youngstown, Ohio, to 9-11-54; WABC-TV N. Y. to 9-7-54; WBRY Waterbury, Conn., to 7-1-54.

#### Actions of February 16

#### Granted License

WDUN Gainesville, Ga., Northeast Georgia Bcstg. Co.—Granted license covering change in frequency; 1240 kc, 250 w, unlimited (BL-5132).

#### Modification of CP

KID-TV Idaho Falls, Idaho, Idaho Radio Corp. Granted Mod. of CP for extension of completion date to 8-25-54.

#### Actions of February 15

#### **Remote** Control

The following stations were granted authority

to operate transmitters by remote control: KLIK Jefferson City, Mo.; WNEX Macon, Ga., KVET Austin, Tex., WAPA San Juan, P. R.; KCMC Texarkana, Tex.; WMBH-FM Joplin, Mo.

#### Granted CP

KSLV Monte Vista, Colo., San Luis Valley Bestg. Co.—Granted CP to install a new trans-mitter as an alternate main transmitter, at present location of the main transmitter, to be operated on 1490 kc, 250 w (BP-9145). WBAY-TV Green Bay, Wis., Norbertine Fathers—Granted CP to install auxiliary trans-mitter and antenna surtice at main transmitter

mitter and antenna system at main transmitter site (BPCT-1823).

#### Modification of CP

WKAQ-TV San Juan, P. R., El Mundo Bestg. Corp.-Granted Mod. of CP to change type transdate 8-15-54.

The following stations were granted Mod. of CP's for extension of completion dates as shown: WMCT (TV) Memphis, Tenn., to 8-9-54; WJAR-TV Providence, R. I., to 9-9-54; WTOC-TV Savannah, Ga., to 8-26-54.

#### Action of February 10

#### **Remote** Control

KBTM Jonesboro, Ark., Regional Bostg. Co.-Granted authority to operate transmitter by remote control.

## **Vhf Television and Kilowatt Fulltime Am Radio Station**

#### \$350,000.00

Extremely rich agricultural area—Radio coverage 140,000 population. Full power vhf coverage estimates 400,000 population. Both tv and am network affiliated, single station market.

Approximately one-third this price presently being committed for increase of vhf power. Combined properties presently on breakeven basis. Reason for selling-none of stockholders actively engaged in or have working knowledge of either am or tv.

Approximately \$150,000.00 down and assumption present and future commitments will handle. Contact our nearest office.

**Appraisals • Negotiations • Financing BLACKBURN - HAMILTON COMPANY** 

RADIO-TV-NEWSPAPER BROKERS

WASHINGTON, D. C. James W. Blackburn William T. Stubblefield Washington Bldg. Sterling 3-4341-2

CHICAGO Ray V. Hamilton Tribune Tower Delaware 7-2755-6

SAN FRANCISCO Lester M. Smith 235 Montgomery St. Exbrook 2-5672

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KVOA Tucson, Ariz., Arizona Bestg. Co.-

Modification of CP



YOU MIGHT RUN 100 YARDS IN 9.3 SECONDS\*-

## BUT . . . YOU NEED WKZO-TV TO SPEED UP SALES IN WESTERN MICHIGAN!

|         | WKZO-TV, Channel 3, serves more than 315,000 TV   |
|---------|---|
| L, 1953 | homes in 27 Western Michigan and Northern Indiana |
|         | counties (see Pulse figures at left).             |

October 1953 Hooperatings for the 4-county area around Kalamazoo-Grand Rapids credit WKZO-TV with 55.6% more evening viewers, 100% more morning viewers and 400% more afternoon viewers, than the next Western Michigan television station! Enough said?

(80,000 WATTS VIDEO-40,000 AUDIO)

3



OFFICIAL BASIC CBS FOR WESTERN MICHIGAN Avery-Knodel, Inc., Exclusive National Representatives

\* This world's record was set by Melvin Patton on May 15, 1948, in Fresno, California.

| WKZO-TV AREA PULSE             |    |
|--------------------------------|----|
| (27 COUNTIES)                  |    |
| SHARE OF AUDIENCE-MONFRIAPRIL, | 19 |
|                                |    |

|             | 8 a.m<br>12 noon | 12 noon-<br>6 p.m. | 12 midnight |
|-------------|------------------|--------------------|-------------|
| WKZO-TV     | 62% (a)          | 52%                | 52% (a)     |
| STATION "B" | 2.6%             | 25%                | 25% (a)     |
| OTHERS      | 12%              | 23%                | 23%         |

(a) Does not telecast for complete period and the share of audience is unadjusted for this situation.



I

The Felzer Stations wkzo-kalamazoo wkzo.tv-GRAND RAPIOSKALAMAZOO wief-GRAND RAPIOSKALAMAZOO wief-GRAND RAPIOS

WKZO.TV — GRAND RAPIDS-KALAMAZOO WJEF — GRAND RAPIDS WJEF.FM — GRAND RAPIDS-KALAMAZOO KOLN — LINCOLN, NEBRASKA KOLN-TV — LINCOLN, NEBRASKA Associated with WMBD — PEORIA, ILLINOIS

- FOR THE RECORD -

## TELESTATUS

March 1, 1954

Tv Stations on the Air With Market Set Count And Reports of Grantees' Target Dates

Editor's note: This directory is weekly status report of (1) stations that are operating commercially and educational outlets and (2) grantees. Triangle ( $\triangleright$ ) indicates stations now on air with com-mercial programming. Each is listed in the city where it is licensed. Stations, whif or uhi, report re-spective set estimates of their coverage areas. Where estimates differ among stations in same city, separate figures are shown for each as claimed. Set estimates are from the station. Further queries about them should be directed to that source. Total U. S. sets in use is unduplicated B•T estimate. Stations in *italics* are grantees, not yet operating.

#### ALABAMA

- Birmingham.... ▶ WABT (13) CBS, ABC, DuM; CBS Spot Sls.; 225,000
- WBRC-TV (6) NBC; Raymer; 184,300 WJLN-TV (48), 12/10/52-Unknown WSGN-TV (42), 12/18/52-Unknown

Decatur†— WMSL-TV (23) 12/26/52-5/1/54

- Mobilet→
   WALA-TV (10) ABC, CBS, NBC; Headley-Reed; 52,500
   WKAB-TV (48) CBS, DuM; Forjoe; 41,600
- The Mobile Tv Corp. (5) Initial Decision 2/12/54
- Montgomery†— ► WCOV-TV (20) ABC, CBS, NBC, DuM; Ray-mer; 23,100
- Montgomery Bcstg. Co. (12) Headley-Reed; Initial Decision 10/7/53-9/15/54
- Selma†— Deep South Bcstg. Co. (8) 2/24/54-Unknown

#### ARIZONA

- Mesa (Phoenix)--▶ KTYL-TV (12) NBC, DuM; Avery-Knodel; 85,496
- Phoenix-
- KOOL-TV (10) ABC; Hollingbery; 85,496
   ► KOY-TV (10) ABC; Blair; 85,496
   ► KPHO-TV (5) ABC, CBS, DuM; Katz; 85,496
- Tucson-► KOPO-TV (13) CBS, DuM; Forjoe; 21,200
- ► KVOA-TV (4) NBC; Raymer; 21,200
- Yuma†— ►KIVA (11) DuM; Forjoe; 17,467

#### ARKANSAS

- El Dorado†--South Arkansas Tv Co. (10) 2/24/54-Unknown
- Fort Smitht-►KFSA-TV (22) ABC, NBC, DuM: Pearson; 18,500
- Hot Springs†— Southern Newspapers Inc. (9) 1/20/54—Un-known
- Little Rock-KARK-TV (4) NBC; Petry; 6/18/53-4/1/54 (granted STA Jan. 11)
- KETV (23), 10/30/53-Unknown KRTV (17) CBS, DuM; 51,000
- Pine Blufft— ► KATV (7) ABC; Avery-Knodel; 56,102

#### CALIFORNIA

- Bakersfield— ► KBAK-TV (29) ABC, DuM; Forjoe; 49,600
- KERO-TV (10) CBS, NBC; Avery-Knodel; 109,692
- Berkeley (San Francisco)-KQED (\*9) 7/24/53-Unknown
- Chico→ ► KHSL-TV (12) CBS, NBC; Grant; 30,580

- El Centroi— Valley Empire Telecasters (16) 2/10/54—Un-known
- Eureka†---► KIEM-TV (3) ABC, CBS, NBC, DuM; Blair Fresno-KBID-TV (53) Meeker
- ► KJEO-TV (47) ABC; Branham; 89,052
- ► KMJ-TV (24) CBS, NBC; Raymer; 85,841
- Los Angeles-KBIC-TV (22), 12/10/52-Spring '54 KABC-TV (7) ABC; Petry; 1,776,018
- KCOP (13) Katz; 1,776,018
   KHJ-TV (9) H-R; 1,776,018
- ► KNBH (4) NBC; NBC Spot Sls.; 1,776,018 ▶ KNXT (2) CBS, CBS Spot Sls.; 1,776,018
- ► KTLA (5) Raymer; 1,776,018
- ► KTTV (11) DuM; Blair; 1,776,018
- ► KTHE (\*28)
- Mercedt-
- KMER (34). 9/16/53-Unknown Modesto
- KTRB Bcstg. Co. (14) 2/17/54-Unknown
- BROADCASTING TELECASTING

that have started commercial operation: WMGT (TV) Adams, Mass. (ch. 74), Feb. 23.

**Newest Starters:** Listed below are the newest stations

WBTM-TV Danville, Va. (ch. 24), Feb. 21,

- Montereyţ— ▶ KMBY-TV (8) CBS; Hollingbery; 190,212
- Sacramento-KBIE-TV (46) 6/26/53-Spring '54 KCCC-TV (40) 46,000 McClatchy Bestg. Co. (10), Initial Decision 11/6/53 Salinast-
- KSBW-TV (8) CBS, NBC; Hollingbery; 380.990
- Orange Belt Telecasters (30), Initial Decision 9/18/53
- San Diego— ► KFMB-TV (8) ABC, CBS, DuM; Petry; 206,382 ► KFSD-TV (10) NBC; Katz; 206,382 KUSH (21) 12/23/53-Unknown
- San Francisco-KBAY-TV (20), 3/11/53-Unknown (granted STA Sept. 15) ► KGO-TV (7) ABC; Petry; 829,400
- ▶ KPIX (5) CBS, DuM; Katz; 829,400
- ► KRON-TV (4) NBC; Free & Peters; 829,400
- KSAN-TV (32) McGillvra; 4/29/53-3/1/54 San Joset-Standard Radio & Tv Co. (11), Initial Decision 11/18/53
- San Luis Obispo†— ► KVEC-TV (6) DuM; Grant; 64,579
- Santa Barbara-► KEYT (3) ABC, CBS, NBC, DuM; Holling-bery; 413,827
- Stockton†→ ► KTVU (36) Hollingbery Radio Diablo Inc. (13) 2/11/54-6/1/54
- Tulare (Fresno)— ►KVVG (27) DuM; Forjoe; 123,000
- Yuba City†--KAGR-TV (52), 3/11/53-Unkonwn

#### COLORADO

- Colorado Springs†--► KKTV (11) ABC, CBS, DuM; Hollingbery; 39,217
- ► KRDO-TV (13) NBC; McGillvra; 35,600
- Denver— ► KBTV (9) ABC, CBS; Free & Peters; 197.516
- ▶ KFEL-TV (2) NBC; Blair; 197.516
   ▶ KLZ-TV (7) CBS; Katz; 197.516
- ► KOA-TV (4) NBC; Petry; 197,516
- KRMA-TV (\*6), 7/1/53-1954
- Pueblo---► KCSJ-TV (5) NBC; Avery-Knodel; 38,000 ► KDZA-TV (3) McGillvra; 40,000

#### CONNECTICUT

- Bridgeport-WCTB (\*71), 1/29/53-Unknown
- ▶ WICC-TV (43) ABC, DuM; Young; 54,019 WSJL (49), 8/14/52-Unknown

Hartford†— WEDH (\*24), 1/29/53-Unknown WGTH-TV (18), 10/21/53-Unknown

- New Britain-WKNB-TV (30) CBS, DuM; Bolling; 146,280
- New Haven-WELI-TV (59), H-R; 6/24/53-Summer '54 ▶ WNHC-TV (8) ABC, CBS, NBC, DuM; Katz; 659,040
- WNLC-TV (26) 12/31/52-Unknown
- Norwich<sup>†</sup>— WCTN (\*63), 1/29/53-Unknown

Directory information is in following order: call letters, channel, network affiliation, national rep-resentative; market set count for operating sta-tions; date of grant and commencement target date for grantees.



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COMMUNITY

SERVICE WINS

Viewer Loyalty!



Affiliated with WTAD-AM-FM

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#### - FOR THE RECORD -

- Stamford†---WSTF (27), 5/27/53-Unknown
- Waterbury— ▶ WATR-TV (53) ABC, DuM; Rambeau; 110,600

#### DELAWARE

- Dover†— WHRN (40), 3/11/53-Unknown
- WDEL-TV (12) NBC, DuM; Meeker; 184,762 WILM-TV (83), 10/14/53-Unknown

#### DISTRICT OF COLUMBIA

- WMAL-TV (7) ABC; Katz; 595,600
- ▶ WNBW (4) NBC; NBC Spot Sls; 591,000
- ▶ WTOP-TV (9) CBS; CBS Spot Sls.; 595.600
- WTTG (5) DuM; Blair; 559.000 United Bcstg. Co. (50) 2/24/54-Unknown

#### FLORIDA

- Clearwatert-Pioneer Gulf Tv Bostrs. (32), 12/2/53-March
- Fort Lauderdale— ► WFTL-TV (23) NBC; Weed: 86,000 ► WITV (17) ABC, DuM; Venard; 107,200 (also Miami)
- Fort Myerst-WINK-TV (11) ABC; Weed; 3/11/53-3/15/54 Jacksonville-WJHP-TV (36) Perry
- ▶ WMBR-TV (4) ABC, CBS, NBC, DuM; CBS Spot Sls.; 222,400
- WOBS-TV (30) Stars National; 8/12/53-5/1/54
- ▶ WITV (17) See Fort Lauderdale WMIE-TV (27) Stars National: 12/2/53-5/1/54
- WTHE-IV (2) Stars National, 12/2/35-5/1/34 WTHS-TV (2), 11/12/53-Unknown WTVJ (4) ABC, CBS, NBC, DuM; Free & Peters; 238,000 WMFL (33), 12/9/53-Unknown
- Orlandot---WDBO-TV (6) ABC, DuM; Blair; 10/14/53-4/25/54
- Panama City†— ► WJDM (7) CBS; Hollingbery
- Pensacola†---► WEAR-TV (3) ABC; Hollingbery
- ► WPFA (15) CBS, DuM; Young
- St. Petersburg— ▶ WSUN-TV (38) ABC, CBS, NBC, DuM; Weed; 50,000
- Tampa†— Tampa Times Co. (13), Initial Decision 11/30/53 WFLA-TV (8) NBC; Blair; Initial Decision 7/13/53-June '54
- West Palm Beach--WEAT-TV Inc. (12) 2/18/54-Unknown
   ▶ WIRK-TV (21) Weed; 22,100
   ₩JNO-TV (5), 11/4/53-6/1/54

#### GEORGIA

- Atlanta-WAGA-TV (5) CBS, DuM; Katz; 340,810
- ► WLWA (11) ABC, DuM; Crosley Sls.; 340,810 ► WSB-TV (2) NBC; Petry; 340,810
- WQXI-TV (36), 11/19/53-Summer '54
- Augusta— ▶ WJBF-TV (6) ABC, NBC, DuM; Hollingbery; 71,000 ► WRDW-TV (12) CBS; Headley-Reed
- WDAK-TV (28) ABC, NBC; Headley-Reed; 22,500
- ▶ WRBL-TV (4) CBS: Hollingbery: 58,192
- Macon— ▶ WETV (47) ABC, NBC; Branham; 34,662 ▶ WMAZ-TV (13) CBS, DuM; Katz; 60,000
- Rome†— ▶ WROM-TV (9) Weed; 75,500
- Savannah†— WTOC-TV (11) ABC, CBS; Katz
- Thomasville†— WCTV (6), 12/23/53-Unknown
- Valdostat— WGOV-TV (37) Stars National; 2/26/53-4/1/54

#### **IDAHO**

- Boise† (Meridian)— ► KBOI (2) CBS; Free & Peters; 24,900
- ▶ KIDO-TV (7) NBC, DuM; Blair; 24,800
- KTVI (9) ABC; Hollingbery; 1/15/53-October '54
- Idaho Falls→ ▶ KID-TV (3) CBS, NBC; Gill-Perna; 13,500
- KIFT (8) ABC; Hollingbery; 2/26/53-April '54 Nampa†---KFXD-TV (6) Hollingbery; 3/11/53-Unknown
- Pocatello<sup>†</sup>— KISJ (6) CBS; 2/26/53-November '54

KWIK-TV (10) ABC; Hollingbery; 3/26/53-March '54

Twin Fallst-KLIX-TV 5/1/54 (11) ABC; Hollingbery; 3/19/53-

#### ILLINOIS

- Belleville (St. Louis, Mo.)-
- ▶ WTVI (54) DuM; Weed; 202,000
- Bloomington†— ▶ WBLN (15) McGillvra; 13,000
- Champaign— ▶ WCIA (3) Hollingbery; 250,000 WCUI (21), 7/22/53-Unknown WTLC (\*12), 11/4/53-Unknown
- - Chicago--▶ WBBM-TV (2) CBS; CBS Spot Sls.; 1,594,574
  - ▶ WBKB (7) ABC; Blair; 1,594,574
  - WGN-TV (9) DuM; Hollingbery; 1,594,574
     WHFC-TV (26), 1/8/53-Unknown
     WIND-TV (20), 3/9/53-Unknown
  - ▶ WNBQ (5) NBC; NBC Spot Sls.; 1,594,574 WOPA-TV Inc. (44) 2/10/54-Unknown WTTW (\*11), 11/5/53-Unknown
  - Danville— ▶ WDAN-TV (24) Everett-McKinney; 25,000

  - Decatur— ▶ WTVP (17) ABC, DuM; George W. Clark; 129,500
  - Evanston†-WTLE (32), 8/12/53-Unknown
  - Harrisburg†— ▶ WSIL-TV (22)

  - Joliet†— WJOL-TV (48), 8/21/53-Unknown
  - Penris
  - Peoria- » WEEK-TV (43) ABC, CBS, NBC, DuM; Head- ley-Reed; 132,304 ▶ WTVH-TV (19) ABC, DuM; Petry; 106,405
  - Quincy†— KHQA-TV (7) (See Hannibal Mo.)

  - ▶ WGEM-TV (10) ABC, NBC; Walker; 96,600 Rockford— ▶ WREX-TV (13) ABC, CBS; H-R; 173,002

  - ▶ WTVO (39) CBS, NBC, CDS; H-R; 1/3,002
     ▶ WTVO (39) CBS, NBC, DuM; Weed; 56,000
     Rock Island (Davenport, Moline)—
     ▶ WHBF-TV (4) ABC, CBS, DuM; Avery-Knodel; 250,361
  - Springfield— > WICS (20) ABC, CBS, NBC, DuM; Young; 61,169

#### INDIANA

- Bloomington— ▶ WTTV (4) ABC, CBS, NBC, DuM; Meeker; 510,422
- Evansville†---► WFIE (62) Venard; 41,750
- Fort Wayne— ▶ WKJG-TV (33) ABC, CBS, NBC, DuM; Ray-mer; 63,931
- Anthony Wayne Bcstg, Co. (69), Initial De-cision 10/27/53
- Indianapolis-WFBM-TV (6) ABC, CBS, NBC. DuM; Katz; 423,000 WJRE (26), 3/26/53-Unknown
- WISH-TV (8) Bolling; 1/28/54-Summer '54
- LaFayette†— ► WFAM-TV (59) Rambeau; 43,120
- Muncie-WILBC-TV (49) ABC, CBS, NBC, DuM; Walker; 56,725
- Princeton†--WRAY-TV (52) Walker; 32,500

Waterloot-WINT (15) 4/6/53-3/1/54

Cedar Rabids— ►KCRI-TV (9) H-R: 100,000 ►WMT-TV (2) CBS; Katz; 194,376

Des Moines— ►KGTV (17) Hollingbery; 46,713

date for grantees,

South Bend— ► WSBT-TV (34) ABC, CBS, NBC, DuM; Ray-mer; 97,470 Terre Hautet---WTHI-TV (10) CBS; Bolling; 10/7/53-Summer

IOWA

WOI-TV (5) ABC, CBS, NBC, DuM: Weed; 240,000

WHO-TV (13) NBC; Free & Peters; 9/2/53-April '54

Directory information is in following order: cal letters, channel, network affiliation, national rep-resentative; market set count for operating sta-

tions: date of grant and commencement targe

BROADCASTING • TELECASTING

Davenport (Moline. Rock Island)— ► WOC-TV (5) NBC; Free & Peters; 250,361

- Fort Dodget-▶ KQTV (21) Pearson; 41,000 Mason Citvt-
- KGLO-TV (3) CBS, DuM; Weed; 10/14/53-Spring '54 Sioux City-
- KCTV (36), 10/30/52-Unknown ►KVTV (9) CBS. NBC, DuM; Katz; 87.716 KTIV (4) 1/21/54-Unknown
- Waterloof-
- KWWL-TV (7) NBC, DuM; Headley-Reed; 101,448

#### **KANSAS**

Hutchinson— ► KTVH (12) CBS, DuM; H-R; 89.639

Pittsburgt— ► KOAM-TV (7) ABC, CBS, NBC, DuM; Katz; 50,000

Topeka-KTKA (42), 11/5/53-Unknown

- ▶ WIBW-TV (13) CBS; Capper Sls.; 46,953
- Wichita-KAKE Bestg. Co. (10), Initial Decision 10/30/53
- ▶ KEDD (16) ABC, NBC; Petry; 81,545

#### KENTUCKY

Ashland†— WPTV (59) Petry; 8/14/52-Unknown

- Hendersont— ► WHET (50) CBS; Meeker; 35,000 Lexingtont— WLAP-TV (27) CBS; Pearson; 12/3/53-4/1/54
- ► WAVE-TV (3) ABC, NBC, DuM: NBC Spot Sls.; 328,776
- ► WHAS-TV (11) (b) CBS; Harrington, Righter & Parsons
- WKLO-TV (21) ABC, DuM; Venard; 55.483 WQXL-TV (41) Forjoe; 1/15/53-Summer '54 Newportt-WNOP-TV (74) 12/24/53-Unknown

Paducah†— WTLK (43), 9/16/53-Unknown

#### LOUISIANA

Baton Rouge-

► WAFB-TV (28) ABC, CBS, NBC, DuM; Young; 44,000

WBRZ (2) 1/28/54-9/1/54

- Lake Charlest-KPLC-TV (7) 11/12/53-Unknown
- ► KTAG (25) ABC, CBS, DuM; Young
- Monroe--► KNOE-TV (8) CBS, NBC, ABC, DuM; H-R; 98,450

▶ KFAZ (43) Pearson; 16,500

- New Orleans--WCKG (26) Gill-Perna; 4/2/53-Late '54 WCNO-TV (32) Forjoe; 4/2/53-Spring '54
   ► WDSU-TV (6) ABC, CBS, NBC, DuM; Blair; 239,693

► WJMR-TV (61) DuM; Bolling; 56,443 WTLO (20), 2/26/53-Unknown

Shreveport.→ ► KSLA (12) ABC, CBS, NBC, DuM; Raymer; 31,500

#### MAINE

Bangort— ▶ WABI-TV (5) ABC, CBS. NBC. DuM; Holling-bery; 52,000

- Portland---WCSH-TV (6) NBC; Weed; 84,527
- ▶ WCSI-1V (6) NBC; weed, 5,527
   ₩GAN-TV (13) Avery-Knodel; 11/19/53-5/16/54
   ▶ WPMT (53) ABC, CBS, NBC, DuM; Everett-McKinney; 31,000

#### MARYLAND

- Baltimore-► WAAM (13) ABC, DuM; Harrington, Righter & Parsons; 535,180
- WBAL-TV (11) NBC; Petry; 535,180
- WITH-TV (72) Forjoe; 12/18/52-Unknown WMAR-TV (2) CBS; Katz; 535,180 WTLF (18) 12/9/53-Summer '54
- Cumberland<sup>†</sup>-
- WTBO-TV (17) 11/12/53-Summer '54
- Salisbury†-
- WBOC-TV (16) Burn-Smith; 3/11/53-4/15/54 (granted STA Feb. 18)
- BROADCASTING TELECASTING

#### MASSACHUSETTS

WORCESTER

TV REPORT:

WORCESTER TV FACTS

32nd market of the nation. One of

New England's largest distributing

centers . . . 6,384 retail stares in

Worcester County Covered by

566,300 pop. — Worcester County

classed as one of nation's leading wage earner sections! . . . \$5,396.

yearly per family! . . . Tremendous industrial expansion! Covered by

\$623,722,000. retail sales for

Worcester County 1953 . . . Cited by

Federal Reserve Bank of Boston as New England's mast stable market!

. . Covered by WWOR-TV . . .

Outside rodio and newspaper cir-

culation virtually non-existent in Worcester Countyl Boston TV stations

now hold only a fraction of exten-

NNEL

March 1, 1954 • Page 105

SPECIAL TV FACT BULLETIN

Atten.: TV Time buyers!

sive Channel 14 audiencel

 $( \mathbf{D} )$ 

Channel 14!

WWOR-TV ... Channel 14!

WWOR-TV . . . Channel 14!

Adams (Pittsfield)†— ▶ WMGT (74) Walker; 130,727

- Boston-WBOS-TV (50), 3/26/53-Unknown WBOS-TV (50), Sylet Eree & Peters
- WBZ-TV (4) NBC; Free & Peters; 1,154,409 WGBH-TV (\*2) 7/16/53-10/1/54 WJDW (44), 8/12/53-Unknown
- WNAC-TV (7) ABC, CBS, DuM; H-R; 1,154,409

Cambridge (Boston)-WTAO-TV (56) DuM; 104.285

Lawrence<sup>†</sup>— WGIM (72), 6/10/53-Unknown

New Bedford†— WTEV (28), Walker; 7/11/53-Summer '54

Pittsfield†— WBEC-TV (64), 11/12/53-Unknown

- Springfield— WHYN-TV (55) CBS, DuM; Branham; 118,000 ► WWLP (61) ABC, NBC; Hollingbery; 118,000
- Worcester---WAAB-TV (20) Hollingbery; 8/12/53-April '54 ▶ WWOR-TV (14) ABC, DuM; Raymer; 45,000

#### MICHIGAN

- Ann Arbor—
   ▶ WPAG-TV (20) DuM; Everett-McKinney; 17,200
   ₩UOM-TV (\*26), 11/4/53-Unknown
- Battle Creek-WBCK-TV mer '54 (58) Headley-Reed; 11/20/52-Sum-
- WBKZ (64) ABC; Weed; 55,924
- Bay City (Midland, Saginaw)— ▶ WNEM-TV (5) NBC, DuM; Headley-Reed
- Cadillac†— ▶ WWTV (13) ABC, CBS, DuM; Weed; 42,772

East Lansing†--► WKAR-TV (\*80)

- Flint— WFDF-TV (12), Initial Decision 5/11/53 ► WTAC-TV (16) ABC; Raymer; 44,850
- Grand Rapids-WOOD-TV (8) ABC, CBS, NBC, DuM; Katz; 366,747
- Kalamazoo---▶ WKZO-TV (3) ABC, CBS, NBC, DuM; Avery-Knodel; 367.839
- Lansing\_ ► WILS-TV (54) DuM; Venard; 31,240
- ► WJIM-TV (6) ABC, CBS, NBC, DuM; H-R; 250,225
- Muskegont-WTVM (35), 12/23/52-Unknown
- Saginaw (Bay City, Midland)— ▶ WKNX-TV (57) ABC, CBS, NBC, DuM; Gill-Perna; 73.225 WSBM-TV (51), 10/29/53-Unknown
- Traverse City†— WPBN-TV (7), 11/25/53-Unknown

#### MINNESOTA

- Austin†— ► KMMT (6) ABC, CBS, DuM; Pearson; 78,925
- ▶ WFTV (38) ABC, CBS, NBC, DuM; Young; 36,000
- Hibbingt--North Star Tv Co. (10), 1/13/54-Unknown
- Minneapolis (St. Paul)— ► WCCO-TV (4) ABC, CBS, DuM; Free & Peters; 425.700 ▶ WTCN-TV (11) ABC; Blair; 413,400
- Rochester--KROC-TV (10) ABC, NBC, DuM; Meeker; 55,000

MISSISSIPPI

Jackson— ▶ WJTV (25) ABC, CBS, NBC, DuM; Katz; 31,996

Meridian†—
 ► WCOC-TV (30)
 ► WTOK-TV (11) ABC, CBS, NBC, DuM; Head-ley-Reed; 36,200

Directory information is in following order: call letters, channel, network affiliation, national rep-resentative; market set count for operating sta-tions; date of grant and commencement target date for grantees.

► WLBT (3) NBC; Hollingbery; 31,996 WSLI-TV (12) ABC; Weed; 7/22/53-3/31/54

St. Paul (Minneapolis)— ▶ KTSP-TV (5) NBC; Petry; 425,700 ▶ WMIN-TV (11) ABC; Blair; 413,400

Columbust-WCBI-TV (28), 3/11/53-Unknown

MISSOURI Cape Girardeaut-KFVS-TV (12) Pearson; 10/14/53-April '54 KGMO-TV (18), 4/16/53-Unknown Clayton†---KFUO-TV (30), 2/5/53-Unknown Columbia— ► KOMU-TV (8) ABC, CBS, NBC, DuM; H-R; 39,343 Festust-KACY (14) Raymer; 201.200 Hannibalt (Quincy, III.)-KHQA-TV (7) CBS, DuM; Weed; 96,606 Joplin<sup>†</sup>— KSWM-TV (12) CBS; Rambeau; 12/23/53-Fall '54 Kansas City— ▶ KCMO-TV (5) ABC, DuM; Katz; 373,426 ▶ KCTY (25) ABC, CBS, DuM; Avery-Knodel; 65,934 ► KMBC-TV (9) CBS; Free & Peters; 373,426 WDAF-TV (4) ABC, CBS, NBC, DuM; Har-rington, Righter & Parsons; 373,426 WHB-TV (9) CBS; Blair; 373,426 Kirksville†— KTVO (3) 12/16/53-6/15/54 St. Joseph— ► KFEQ-TV (2) CBS, DuM; Headley-Reed; 92,205 St. Louis-KACY (14) See Festus KETC (\*9) 5/7/53-Unknown ► KSD-TV (5) ABC, CBS, NBC; NBC Spot Sls; 555,914 ▶ KSTM-TV (36) ABC; H-R; 205.000 WIL-TV (42), 2/12/53-Unknown ▶ WTVI (54) See Belleville, Ill. Springfieldt-KTTS-TV (10) CBS, DuM; Weed; 39,896 ▶ KYTV (3) ABC, NBC; Hollingbery; 46,080 MONTANA Billingst KOOK-TV (2) ABC, CBS, DuM; 7.500 KRHT (8), 1/15/53-Unknown Buttet-► KOPR-TV (4) CBS, ABC; Hollingbery; 7,000



New Brunswickt-WDHN (47), 4/2/53-Unknown WTLV (\*19), 12/4/52-Unknown 



## When Connie Cook Has a Cookie Contest!

"Connie's Kitchen" program over WOW-TV, Mail piled up ... kept piling . . . 13,485 entries came in from 112 counties in five Midwestern states in less than a month!

"Connie's Kitchen" show on WOW-TV less than 6 months before the



## NEW MEXICO

- Albuquerquet ► KGGM-TV (13) CBS; Weed; 40,000 ► KOAT-TV (7) ABC; Hollingbery; 36,000 ► COMPACTION CONSTRUCTION NOT CONSTRUCT ON STRUCTURE STRU
- ▶ KOB-TV (4) ABC, CBS, NBC, DuM; Branham; 40,548 Clovist

KNEH (12), 3/4/53-Unknown

Roswell<sup>†</sup>— KSWS-TV (8) ABC, DuM; Meeker; 17,743

NEW YORK

- Albany (Schenectady, Troy)-WPTR (23), 6/10/53-Unknown
- WROW-TV (41) ABC; Bolling; 57,000 WTVZ (\*17), 7/24/52-Unknown
- Binghamton— ▶ WNBF-TV (12), ABC, CBS, NBC, DuM; Bol-ling; 259,800

WQTV (\*46), 8/14/52-Unknown

Bloomingdalet (Lake Placid)-Great Northern Ty Inc, (5), 12/2/53-Summer '54

Buffalo-

- uffalo—
   WBEN-TV (4) ABC, CES, DuM; Harrington, Righter & Parsons; 381,245(a)
   WBUF-TV (17) ABC, CBS, DuM; H-R; 120,000
   WTVF (\*23) 7/24/52-Unknown
   Niagara Frontier Amusement Corp. (2) Initial Decision 2/17/54
- Elmira-WECT (18) NBC; Everett-McKinney; 26,516
- ► WTVE (24) ABC, CBS, NBC, DuM; Forjoe: 27,485 Ithaca<sup>†</sup>

WHCU-TV (20) CBS; 1/8/53-November '54 WIET (\*14), 1/8/53-Unknown

- Kingston†---WKNY-TV (66) CBS, NBC, DuM; Meeker; 1/23/53-4/1/54
- New York— ▶ WABC-TV (7) ABC; Petry; 4,150,000
- ▶ WABC-1V (1) ABC, 1 cuty, 1,100,000
   ▶ WABD (5) DuM; Avery-Knodel; 4,150,000
   ▶ WATV (13) See Newark, N. J.
- WCBS-TV (2) CBS; CBS Spot Sls.; 4,150,000
- WNBT (4) NBC; NBC Spot Sis.; 4,150,000
- WOR-TV (9) WOR; WOR-TV Sls.; 4.150,000 b.
- WPIX (11) Free & Peters; 4,150,000 WGTV (\*25), 8/14/52-Unknown

Poughkeepsiet-WEOK-TV (21) 11/26/52-Unknown

- ▶ WHAM-TV (6) ABC, CBS, NBC, DuM; Hol-lingbery; 205,000
- WHEC-TV (10) ABC, CBS; Everett-McKinney; 205,000

WRNY-TV (27), 4/2/53-Unknown WROH (\*21), 7/24/52-Unknown

- ▶ WVET-TV (10) ABC, CBS; Bolling; 205,000
- Schenectady (Albany, Troy)→ WRGB (6) ABC, CBS, NBC, DuM; NBC Spot Sls; 351,500 WTRI (35) CBS; Headley-Reed; 6/11/53-3/1/54
- Syracuse-WHEN (8) ABC, CBS, DuM; Katz; 299,000
- WHTV (\*43), 9/18/52-Unknown

► WSYR-TV (3) NBC; Headley-Reed; 296,962 Utica-WFRB (19), 7/1/53-Unknown

- WKTV (13) ABC, CBS, NBC, DuM; Cooke; 134,000

#### NORTH CAROLINA

Asheville<sup>†</sup>— ► WISE-TV (62) ABC, CBS, NBC, DuM; Bolling; 19,100

WLOS-TV (13), 12/9/53-Unknown

- ► WBTV (3) CBS, NBC, DuM; CBS Spot Sls.; 381,145
- known WTIK-TV (11) 1/21/54-Unknown
- Goldsborot

WTVX (34), 9/30/53-Unknown

Greenshoro WCOG-TV (57) ABC; Bolling; 11/20/52-Un-

known

WFMY-TV (2) ABC, CBS, DuM; Harrington, Righter & Parsons; 214,158

Directory information is in following order: call letters, channel, network affiliation, national rep-resentative; market set count for operating sta-tions; date of grant and commencement target date for grantees.

#### HERE'S WHAT HAPPENED!

Recently, Connie Cook held a Cookie Contest on her afternoon

That's a real vote of confidence for Connie, who began her contest began,

- - - Charlotte— ► WAYS-TV (36) ABC; Bolling; 35,000

Greenville---WNCT (9) CBS, DuM; Pearson Salem†---KPIC (24) 12/9/53-Unknown (granted STA Aug. 4) Raleigh-► WNAO-TV (28) ABC, CBS, NBC, DuM; Avery-Knodel; 48,820 KSLM-TV (3), 9/30/53-Unknown Wilmingtont— WMFD-TV (6), NBC; Weed; 7/30/53-Unknown Wilmington Tv Corp. (3) 2/17/54-5/15/54 PENNSYLVANIA Allentownt---WFMZ-TV (67) Avery-Knodel; 7/16/53-Un-Winston-Salem— ► WSJS-TV (12) NBC; Headley-Reed; 173,340 known WQCY (39), 8/12/53-Unknown ► WTOB-TV (26) ABC, DuM; H-R; 45,600 Altoona— ▶ WFBG-TV (10) ABC, NBC, DuM; H-R; 418.798 NORTH DAKOTA Bethlehem— ▶ WLEV-TV (51) NBC; Meeker; 64,427 Bismarckt— ► KFYR-TV (5) CBS, NBC, DuM; Blair; 6.125 Chambersburg†— ▶ WCHA-TV (46) Forjoe; 13,500 Fargot— ►WDAY-TV (6) ABC, CBS, NBC, DuM; Free & Peters; 31,000 Easton— ▶ WGLV (57) ABC, DuM; Headley-Reed; 65,098 Minoti-► KCJB-TV (13) ABC, CBS, NBC, DuM; Weed; 17.000 Erie-WICU (12) ABC, CBS, NBC, DuM; Petry; 208,500 Valley Cityt-KXJB-TV (4) CBS; Weed; 8/5/53-July '54 WSEE (35) CBS; Avery-Knodel; 10/14/53-4/25/54 WLEU-TV (66) 12/31/53-Unknown OHIO Harrisburg— WCMB-TV (27) Cooke; 7/24/53-5/1/54 ▶ WHP-TV (55) CBS; Bolling; 118,150 Akron— ▶ WAKR-TV (49) ABC; Weed; 49,431 Ashtabula†— ▶ WICA-TV (15) Gill-Perna ▶ WTPA (71) NBC; Headley-Reed; 118,150 Hazleton<sup>†</sup>— WAZL-TV (63) Meeker; 12/18/52-Unknown Cincinnati-WCET (\*48), 12/2/53-Unknown Johnstown— ► WARD-TV (56) Weed WCPO-TV (9) ABC, DuM; Branham; 450,000
 WKRC-TV (12) CBS; Katz; 450,000
 WLWT (5) NBC: WLW Sls.; 450,000
 WQXN-TV (54) Forjoe; 5/14/53-October '54 ► WJAC-TV (6) ABC, CBS, NBC, DuM; Katz; 741,267 Lancaster— ► WGAL-TV (8) ABC, CBS, NBC, DuM; Mechanic Cleveland-WERE-TV (65), 6/18/53-Unknown > WEWS (5) CBS; Branham; 834,286 > WNBK (4) NBC; NBC Spot Sls.; 823,629 ABC CBS DuM: Katz; 823,62 WGAL-TV (8) ABC. CBS, NBC, DuM; Meeker; 286,939 WWLA (21) Venard; 5/7/53-Fall '54 ebanon†— WLBR-TV (15) Pearson; 138,300 WXEL (8) ABC, CBS, DuM; Katz; 823,629 WHK-TV (19) 11/25/53-Unknown Lewistont-Columbus---► WBNS-TV (10) CBS; Blair; 307,000 WMRF-TV (38) Burn-Smith; 4/2/53-Summer '54 New Castle†— ▶ WKST-TV (45) DuM; Everett-McKinney; 85.802 ▶ WLWC (4) NBC; WLW Sis.; 307,000 WOSU-TV (\*34), 4/22/53-Unknown WTVN (6) ABC, DuM; Katz; 336,737 Philadelphia— ► WCAU-TV (10) CBS; CBS Spot Sis.; 1,592,000 Dayton— ▶ WHIO-TV (7) ABC, CBS, DuM; Hollingbery; WFIL-TV (6) ABC, DuM; Katz; 1,766,641 WIBG-TV (23), 10/21/53-Unknown WIP-TV (29), 11/26/52-Unknown ▶ WIFE (22) Headley-Reed; 41,907 WPTZ (3) NBC; Free & Peters; 1,724,329 ▶ WLWD (2) NBC; WLW Sls.; 300,000 Pittsburgh—
 WDTV (2) ABC, CBS, NBC, DuM; DuM Spot Sls.; 808,780 Elyria-Lorain Bestg. Co. (31) 2/11/54-Fall '54 Lima-WIMA-TV (35) Weed; 12/4/52-Spring '54 WENS (16) ABC, CBS; Petry; 154:239 WKJF-TV (53) Weed; 174,300 WLOK-TV (73) CBS, NBC, DuM; H-R; 49,079 WQED (\*13) 5/14/53-March '54 (granted STA Oct. 14) WTVQ (47) Headley-Reed; 12/23/52-Unknown Steubenville---> WSTV-TV (9) CBS; Avery-Knodel; 1,083,000 Reading— WEEU-TV (33) ABC, NBC; Headley-Reed; Toledo---► WSPD-TV (13) ABC, CBS, NBC, DuM; Katz; 279.029 45,973 ▶ WHUM-TV (61) CBS; H-R; 127,350 Scranton— ▶ WARM-TV (16) Hollingbery; 135,000 Youngstown-WFMJ-TV (73) NBC; Headley-Reed; 105,000 WFMJ-TV (73) CBS DuM: Raym ▶ WGBI-TV (22) CBS; Blair; 130,000 ▶ WKBN-TV (27) ABC, CBS, DuM; Raymer; ▶ WTVU (73) Everett-McKinney; 150,424 WUTV (21) Petry; 9/25/52-Unknown Sharon†— Leonard J. Shafitz (39) 1/27/54-Unknown Zanesville---► WHIZ-TV (50) ABC, CBS, NBC, DuM; Pear-son; 25,108 Wilkes-Barre---WBRE-TV (28) NBC; Headley-Reed; 130,000 ► WILK-TV (34) ABC, DuM; Avery-Knodel: 152,000 OKLAHOMA Ada†— KTEN (10), 12/16/53-6/1/54 Williamsport†— WRAK-TV (36) Everett-McKinney; 11/13/52-Spring '54 Enidt KGEO-TV (5), 12/18/53-Unknown York-► WNOW-TV (49) DuM; Hollingbery; 72,000 WSBA-TV (43) ABC; Radio-Tv Represent-atives; 76,100 RHODE ISLAND Oklahoma City-KMPT (19) DuM; Bolling; 98,267 Providence---► WJAR-TV (10) ABC, CBS, NBC, DuM; Weed; 1,098,189 ► KTVQ (25) ABC, DuM; H-R; 100,082
 ► KWTV (9) CBS; Avery-Knodel; 251,742
 ► WKY-TV (4) ABC, CBS, NBC, DuM; Katz; 251,742 WNET (16) ABC, DuM; Raymer; 4/8/53-3/1/54 (granted STA Feb. 3) WPRO-TV (12) Blair; 9/2/53-Unknown (grant-ed STA Sept. 23) SOUTH CAROLINA Aiken†— WAKN-TV (54), 10/21/53-Unknown Anderson†— > WAIM-TV (40) CBS; Burn-Smith; 43,000 Camdent— WACA-TV (15) 6/3/53—Unknown OREGON

Charleston— Charleston— WCSC-TV (5) ABC, CBS, NBC. DuM; Free & Peters; 55.103 Southern Bcstg. Co. (2) NBC; Initial Decision 2/23/54-September '54

Directory information is in following order: call letters, channel, network affiliation, national rep-resentative; market set count for operating sta-tions; date of grant and commencement target date for grantees.



#### 744 PAGES OF TV ENGINEERING "KNOW HOW"

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#### March 1, 1954 • Page 107

Lawtont-

► KSWO-TV (7) Everett-McKinney; 34,772 Miami†— KMIV (58), 4/22/53-Unknown

540.470

114,699

Elyria

KOED (\*13), 12/2/53-Unknown

Tulsa-

- KCEB (23) Bolling; 2/26/53-3/6/54 (granted STA Jan. 18)
- KOTV (6) ABC, CBS, NBC; Petry: 200,000 Arthur R. Olson (17) 2/4/54-Unknown
- Eugenet-KVAL-TV (13) NBC; Hollingbery; 5/14/53-4/1/54
- Medford-▶ KBES-TV (5) ABC, CBS, NBC, DuM; Blair
- KOIN-TV (6); CBS; Avery-Knodel; 138,876
- KPTV (27) NBC; NBC Spot Sls.; 149,156
   Oregon Tv Inc. (12), Initial Decision 11/10/53

BROADCASTING • TELECASTING

## Portland-

- = FOR THE RECORD -
- Columbia- ► WCOS-TV (25) ABC, NBC, DuM; Headley-Reed; 36,982
   ► WIS-TV (10) NBC; Free & Peters; 68,074 ▶ WNOK-TV (67) CBS, DuM; Raymer; 35,000 Florencet WPDV (8), CBS; 11/25/53-Sept. '54 Greenville— ► WFBC-TV (4) NBC; Weed; 287,266 ▶ WGVL (23) ABC, NBC, DuM; H-R; 40,863 Greenwoodt-WCRS-TV (21), 4/8/53-Unknown

#### SOUTH DAKOTA

- Rapid City†— The Hills Bostg. Co. (7) 2/24/54-Unknown Sioux Fallst-
- KELO-TV (11) ABC, CBS, NBC; Raymer; 52,122 TENNESSEE

- Chattanooga†--WOUC (49) Pearson; 8/21/52-Unknown WTVT (43), 8/21/52-Unknown WDEF-TV (12) Branham; 1/28/54-6/15/54
- WDXI-TV (9) Burn-Smith; 12/2/53-Summer '54
- Johnson Cityt-▶ WJHL-TV (11) Pearson; 47,527
- Knoxville-

Abilenet-

1

- ► WATE (6) ABC, NBC; Avery-Knodel; 59,154 ► WTSK (26) CBS, DuM; Pearson; 42,380
- Memphis-▶ WHBQ-TV (13) CBS; Blair; 253,061
- ▶ WMCT (5) ABC, NBC, DuM; Branham; 253,061
- Nashville-WSIX-TV (8) CBS; Hollingbery; 133,869
- ▶ WSM-TV (4) ABC, CBS, NBC, DuM; Petry; 143,591
- Old Hickory (Nashville)-WLAC-TV (5), Katz; 8/5/53-March '54 TEXAS

KRBC-TV (9) Pearson; 20,502

- Amarillo— ► KFDA-TV (10) ABC, CBS; Branham; 44,361 ► KGNC-TV (4) NBC, DuM; Katz; 44,361 KLYN-TV (7), 12/11/53-Unknown ► KALA (35), 3/26/53-Unknown
   ► KGBS-TV (5) ABC, CBS, DuM; Katz; 181,870
   ► WOAI-TV (4) NBC; Petry; 181,870 Austin-KTBC-TV (7) ABC, CBS, NBC, DuM; Raymer; 56,840 Sweetwater<sup>†</sup>— KPAR-TV (12) CBS; Avery-Knodel; 8/26/53-Beaumontt-KBMT (31), 12/4/52-Unknown KTRM-TV (6), Initial Decision 7/22/53 Unknown Temple— ► KCEN-TV (6) NBC; Hollingbery; 65,543 Corpus Christit-KVDO (22) 1/6/53-Unknown KTLG (43) 12/9/53-Unknown Texarkana— ► KCMC-TV (6) ABC, CBS, DuM; Venard; 65,107 KILU (10, --, -) Dallas-KDTX (23), 1/15/53-Unknown KLIF-TV (29) 2/12/53-8/1/54 > KRLD-TV (4) CBS; Branham; 322,500 > WFAA-TV (8) ABC, NBC, DuM; Petry; 322,500 Tyler†— ▶ KETX (19) ABC, CBS, NBC, DuM; Headley-Reed; 18,232 KGKB-TV (7) 1/27/54-Unknown Victoria<sup>†</sup>— KNAL (19) Best; 3/26/53-Unknown El Paso-KROD-TV (4) ABC, CBS, DuM; Branham; 38,879 34,330 Waco†— ►KANG-TV (34) ABC; Pearson; 28,000 ► KTSM-TV (9) NBC; Hollingbery; 34,380 Ft. Worth— KTCO (20), 3/11/53-Unknown ► WBAP-TV (5) ABC, NBC; Free & Peters; 303,411 Galveston— ► KGUL-TV (11) ABC, CBS, NBC, DuM; CBS Spot Sis.; 276,000 Harlingen†— ► KGBT-TV (4) ABC, CBS, DuM; Pearson; 31,300 Houston-KNUZ-TV (39) DuM; Forjoe; 59,666 ► KNUZ-IV (33) DUM; FOIDE; 35,000
   ► KPRC-IV (2) ABC, CBS, NBC, DuM; Petry; 303,500
   KTVP (23), 1/8/53-Unknown
   ► KUHT (\*8) 281,500
   KXYZ-IV (29), 6/18/53-Unknown
   Houston Tv Co. (13), 2/23/54 Unknown Longview ▶ KTVE (32) Forioe: 16.100 Danville†— ▶ WBTM-TV (24) Hollingbery Lubbockt- ▶ KCBD-TV (11) ABC, NBC; Pearson; 42,561
   ▶ KDUB-TV (13) CBS, DuM; Avery-Knodel; 42.561 Harrisonburg†— ► WSVA-TV (3) NBC; Devney; 68,798 KFYO-TV (5) Katz; 5/7/53-Unknown Lufkin†— KTRE-TV (9) Venard; 3/11/53-Fall '54

  - Midland ► KMID-TV (2) NBC; Venard; 26,000

- Weslacot-KRGV-TV (5) NBC, DuM; Raymer; 7/16/53-3/7/54 (granted STA Jan. 18) Wichita Falls—
   ▶ KFDX-TV (3) ABC, NBC; Raymer; 44,000
   ▶ KWFT-TV (6) CBS, DuM; Blair; 44,000 UTAH Provot— KOVO-TV (11), 12/2/53-Unknown

San Angelo†— ► KTXL-TV (8) CBS; Venard; 21,115

- Salt Lake City--► KDYL-TV (4) NBC; Blair; 153,100 ► KSL-TV (5) ABC, CBS, DuM; CBS Spot Sls.; 153,100 KUTV (2) ABC; Hollingberu: 3/26/53-8/15/54
- VERMONT

VIRGINIA

Hampton (Norfolk)— ▶ WVEC-TV (15) NBC; Rambeau; 76,250

Directory information is in following order: call letters, channel, network affiliation, national rep-resentative; market set count for operating sta-tions; date of grant and commencement target date for grantees.



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BROADCASTING • TELECASTING

Lynchburg— ▶WLVA-TV (13) CBS, DuM; Hollingbery 102,281 Newport News-WACH (33) Avery-Knodel ▶ WTACH (4) ABC, CBS, DuM; 209,676 ▶ WTAR-TV (4) ABC, CBS, DuM; 209,676 ▶ WTOV-TV (27) ABC, DuM; Forjoe; 86,100 ▶ WVEC-TV (15) See Hampton Richmond— WOTV (29), 12/2/53-Unknown ► WTVR (8) ABC, CBS, NBC, DuM; Blair; 430,134 Roanoke— ▶ WSLS-TV (10) NBC; Avery-Knodel; 233,374 WASHINGTON Bellingham†— ► KVOS-TV (12) Forjoe; 46,097 Spokane— ▶ KHQ-TV (6) ABC, NBC; Katz; 52,796 ▶ KXLY-TV (4) CBS, DuM; Walker; 46,678 Tacoma— ▶ KMO-TV (13) Branham; 332,400 ▶ KTNT-TV (11) CBS, DuM; Weed; 332,400 Vancouvert-KVAN-TV (21) 9/25/53-Unknown Yakima— ► KIMA-TV (27) CBS: Weed: 16.250 WEST VIRGINIA Beckleyt-WBEY (21), 6/25/53-Unknown Charleston†---► WKNA-TV (49) ABC, DuM; Weed 30,000 The Tierney Co. (8) Branham; 2/11/54-May '54 Fairmontt— WJPB-TV (35) ABC, DuM; Gill-Perna; 7/1/53-3/15/54 Huntington-► WSAZ-TV (3) ABC, CBS, NBC, DuM; Katz; 275,000 Parkersburgt-WTAP (15) ABC, DuM; Forjoe; 20,000 Wheeling- *WLTV* (51), 2/11/53-Unknown ► WTRF-TV (7) NBC; Hollingbery; 451,500 WISCONSIN Eau Clairet- WEAU-TV (13) ABC, NBC, DuM; Hollingbery; 54,230 Green Bay-▶ WBAY-TV (2) ABC, CBS, NBC, DuM; Weed; 191,253 Crosset-WKBT (8) CBS, NBC; Raymer; 10/28/53-7/1/54 La Crosse Tv Corp. (38), 12/16/53-Unknown La Madison-WHA-TV (\*21), 10/7/53-Unknown ► WKOW-TV (27) CBS; Headley-Reed; 38.000 ► WMTV (33) ABC, DuM; Meeker; 36,500 Marinette†— WMGB-TV (11), 11/18/53-Unknown WIMUB-- WCAN-TV (25) CBS; Rosenman; 261,250
 WOKY-TV (19) ABC, DuM; H-R; 261,250
 WOKY-TV (4) ABC, NBC, DuM; Harrington, Righter & Parsons; 654,658 Neenah†--► WNAM-TV (42) George Clark Oshkosh— ▶ WOSH-TV (48) Headley-Reed; 17,668 Superiorf— WDSM-TV (6) CBS; Free & Peters; 10/14/53-3/1/54 (granted STA Feb. 9) WYOMING Caspert-KSPR-TV (2), 5/14/53-Unknown Cheyennet— KFBC-TV 3/15/54 (5) CBS; Hollingbery; 1/23/53-ALASKA Anchoraget— ► KFIA (2) ABC, CBS; Weed ► KTVA (11) NBC, DuM; Feltis Fairbankst---KFIF (2) ABC, CBS; 7/1/53-Spring '54 🗏 HOWARD E. STARK 🗮

Brokers and Financial Consultants **TELEVISION STATIONS • RADIO STATIONS** 50 E. 58th St. New York 22, N. Y. ELdorado 5-0405



sing. March 5-7: High Fidelity Fair, Hotel Harrington, Washington, D. C. March 5-7: National Federation of Advertising Agencies, Hotel Statler, Los Angeles. March 15 (week of): International Alliance of Theatrical Stage Employes & Moving Picture Machine Operators (IATSE), general executive board, Roosevelt Hotel, New Orleans. March 16: Hearing on Johnson bill (S 2926) on

board, Roosevelt Hotel, New Orleans.
March 16: Hearing on Johnson bill (S 2926) on license fees, Senate Interstate & Foreign Commerce communication subcommittee. U. S. Capitol, Room G-16, 10 a.m., Open.
March 17-20: Assn. of National Advertisers, The Homestead, Hot Springs, Va.
March 18 (tentative): Composers Guild of America, simultaneous general meeting in New York and Hollywood to ratify constitution and bylaws.

March 19-20: Vitapix Corp., board of directors and executive committee, Washington, D. C. March 21: Third rally of RETMA firms making military equipment, Roosevelt Hotel, New York.

March 22: Tennessee Assn. of Broadcasters, Nashville.

March 22-24: Canadian Assn. of Radio-Tv Broad-casters, Chateau Frontenac, Quebec City. March 22-25: Institute of Radio Engineers, Wal-dorf-Astoria, New York.

## SPECIAL LISTING

**BMI Program Clinics** March 8: Albuquerque, N. M.; Austin, Tex. March 9: Phoenix, Ariz.

- March 10: Los Angeles; New Orleans
- March 12: San Francisco; Jackson, Miss. March 15: Vancouver, B. C.; Columbia, S. C.
- March 17: Seattle; Winston-Salem, N. C.
- March 19: Portland, Ore.; Richmond, Va.

March 22: Birmingham, Ala.; Nashville, Tenn.



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## -editorials-

## Jimmy Petrillo: Pianissimo

**PEACE** between the radio and tv networks and the American Federation of Musicians is assured for another five years.

James Caesar Petrillo, the truculent warrior of other years who would strike at the drop of a baton, has presided over an amicable settlement with the network broadcasters for the first time. There hasn't been a single page-one story or cartoon showing Jimmy blasting a sour note on his trumpet in all the months of negotiations.

The new contracts seem to satisfy both sides. They constitute a compromise between the AFM demands that the networks increase the number of staff musicians, and the insistence of network negotiators that realism requires a reduction in the number.

The 10% wage increase retroactive to Feb. 1 (the old contracts expired Jan. 31) might well be construed a "cost of living" increase. The additional 10% starting Feb. 1, 1957, seems a rather startling long-range commitment in these times, but it is a reassuring note on the part of the networks on the future of both radio and tv three years hence. The union, it seems, can't lose, by making a profit.

All in all, the deal appears to be one which gives neither side the victory it would relish nor the defeat it could not tolerate.

Skilled network management has reduced greatly the threat which was so imminent a few short years back. Jimmy knows they had prepared so that the lack of live musicians in the broadcasting studios would scarcely be noticed by viewers and listeners at home.

Perhaps the mantle of peacemaker should fall first on their shoulders. They spoke softly, but carried that big stick.

## Jordan's Tv Expedition

THE penetrating studies which Jerry N. Jordan has conducted into effects of television on sports and other entertainment have provided sensible research in a field which is unfortunately cluttered with addled surveys and emotional assumptions. Mr. Jordan's fifth study, as reported in this issue, is up to the quality of his earlier work, as might be expected of a project conceived in the environment of N. W. Ayer.

Television has been around long enough for reliable conclusions. Significantly the document opens with this statement: "In our expanding economy there is room for all to grow."

It's the radio story all over again. The fears and grumblings of newspaper, magazine, phonograph record, theatre and sports operators when aural broadcasts came on the air three decades ago were never justified. The same panicky fears greeted television's arrival.

Mr. Jordan has answered the question, "Television's novelty is over, what can you expect now?"

His answer is summed up in the last paragraph of the study, "Our standard of living will rise still higher—and we will all benefit from our increased time for a fuller life. Radio, television, newspapers, magazines, books, music, shows, sports and advertising will all grow bigger, too."

Television has found its place in American life. Many of its hours of viewing have come from new leisure created by time-saving appliances. Still more leisure will come in the future.

## Mousetrap in Montana

WE HAD thought that the mischievous FCC Blue Book and its unpardonable implications of government control over programming had passed into the disuse it so richly deserved. An outline of an introductory course given to radio students at the U. of Montana proves otherwise.

The textbook in use in the course is *Radio, Television and Society,* the work of Charles A. Siepmann whose objectivity concerning radio may best be described by saying that he was one of the principal contributors to the Blue Book.

Mr. Siepmann's book is the only text required in the "Introduction to Radio" course at Montana, and such collateral reading as is suggested comes from the appendix in his own volume.

As part of the class reading, presented as one view—and an extreme one—of radio in the U. S., Mr. Siepmann's work probably deserves a place in the curriculum. But to present it by itself as an objective text on U. S. radio discredits the Montana faculty and cannot help but give students a distorted conception of radio at the very outset of their pursuit of knowledge in the field.

Page 110 • March 1, 1954



Drawn for BROADCASTING • TELECASTING by Sid Hix "We've got a novel idea for a new Sunday tv show . . . it's called 'Parson to Parson'!"

## Ike's Second Look at the FCC

**PRESIDENT** Eisenhower soon will take a second look at the FCC. The term of John C. Doerfer expires next June and he's up for a new seven-year appointment. And the chairmanship tenure of Rosel H. Hyde is up for extension by April 18—the first anniversary of the shift to Republican command of the FCC.

Mr. Doerfer came to the FCC from the chairmanship of the Wisconsin Public Service Commission on April 15—a few days before Mr. Hyde was named chairman for what can only be construed as a probationary one-year term. They have worked well together. All things considered, there has been smoother sailing at the FCC, with more accomplished, than at any other equivalent period within recollection.

In his new environment, Mr. Doerfer has done well. He has learned rapidly. He is vigorous in manner and he says what he thinks. He has the gift of brushing aside detail and of getting to what lawyers call the gravamen of a situation.

Lately, there's been talk about shifting Mr. Doerfer to another Federal agency in the common carrier field he knows so well. We hope he is kept on at the FCC, where the task is important and challenging, and where the opportunity exists for public service of the highest order.

Mr. Hyde, whose rise from docket clerk to chairman is legend, hasn't lifted a finger in his own behalf for reappointment as chairman, probably because he's preoccupied with the affairs of the FCC. But his record is one of the most amazing in federal administration. The television processing lines were cleared a month ago, and now formally have been closed down. This was accomplished without dipping into funds specially appropriated by Congress for the purpose. What first was seen as a four or five-year job was telescoped into less than a year.

While Mr. Hyde hasn't moved in his own behalf, others have. Out of the blue, the Montana State Association of Broadcasters a few days ago petitioned President Eisenhower to reappoint Mr. Hyde for a full term. The FCC's newest member, Robert E. Lee, has told those who have proposed his own elevation that he is solidly behind Mr. Hyde. The Radio-Electronics-Television Mfrs. Assn. has commended the FCC for its accomplishments during the past year—under Mr. Hyde's chairmanship. And Comr. George E. Sterling, who emerged through the FRC-FCC ranks with Mr. Hyde, is solidly behind him for reappointment.

If a campaign were launched to rally support for Mr. Hyde's reappointment, it would inundate the White House and the Republican National Committee, as well as the state delegations in Congress. We have no doubt that every state association, in fact virtually every station owner, would fire away.

The President, under the law, can name a new chairman at any time from among the FCC membership. We trust this time he will not make the appointment for a one-year term, but without tenure. This would give the chairman the stability he needs to perform his task without being subjected to the pot-shotting of the politicians.

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