CURRENT POPULATION REPORTS

Population Estimates and Projections

U. S. DEPARTMENT OF COMMERCE • Social and Economic Statistics Administration • BUREAU OF THE CENSUS

Series P-25, No. 532

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ESTIMATES OF THE POPUATION OF CALIFORNIA COUNTIES AND METROPOLITAN AREAS: JULY 1, 1972 AND 1973

This report presents population estimates for July 1, 1972 and provisional estimates for July 1, 1973, for counties and metropolitan areas in California. These estimates were prepared by the Bureau of the Census as part of its continuing population estimates program. They are consistent in methodological approach with county estimates for other States jointly prepared by State agencies and the Bureau of the Census under the auspices of the Federal-State Cooperative Program and published in Current Population Reports, Series P-26. For a more detailed description of the Federal-State Cooperative Program for Local Population Estimates and an analysis of the 1970 test results, see Current Population Reports, Series P-26, No. 21, "Federal State Cooperative Program for Local Population Estimates: Test Results--April 1, 1970," April 1973.

County estimates for July 1, 1971 and provisional estimates for July 1, 1972 were published earlier in Current Population Reports, Series P-25, No. 517. The provisional estimates in that report are superseded by the numbers published here. Because of changes in input data for some counties since that report, the estimates shown here may not always be completely comparable with those shown for the earlier years.

The estimates shown for July 1, 1972 are based on an average of the following methods, adjusted to agree with the July 1, 1972 State estimates published in Series P-25, No. 520.

1. The Regression (ratio-correlation) method. In the Regression method a multiple regression equation is used to relate changes in a number of different data series to change in population distribution.[1] The series of data used in the Regression method for California are: resident births plus resident deaths (X_1), elementary school enrollment in grades 1 through 8 plus elementary special and ungraded (X_2), automobile registration (X_3), and voter registration (X_4).

The prediction equation for California for the 1970's is given by

$$\hat{Y} = -0.0364 + 0.0998X_1 + 0.2584X_2 + 0.1811X_3 + 0.4846X_4$$

2. Component Method II. This method employs vital statistics to measure natural increase and school enrollment to measure net migration. The estimates made by the Census Bureau's Component Method II are specific to the civilian population under 65. To this population is added an estimate of the resident military population based on station strength statistics and an estimate of the population 65 and over based on Medicare statistics.[1]

The provisional July 1, 1973 estimates for large metropolitan counties were developed by adding the average change between 1972 and 1973 esti-

[1]Descriptions of methodologies are given in Current Population Reports, Series P-25, No. 427 and 520. Modifications made to the methodologies for the current series will be given in forthcoming reports in Series P-25.

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mates based on Component Method II and the Housing Unit method to the 1972 estimates. In the Housing Unit method the estimates of population are based on estimates of the housing inventory. Changes in the housing inventory are derived from data on building permits issued and demolition records, or on data on electric meter connections. The provisional July 1, 1973 estimates for the remaining counties were developed by adding the change between 1972 and 1973 Component Method II estimates to the 1972 estimates. All counties were subsequently adjusted to agree with the provisional July 1, 1973 State estimate published in Current Population Reports, Series P-25, No. 520.

Table 2 of this report presents estimates of the population of metropolitan areas and metropolitan counties in the State. The titles and definitions of the standard metropolitan statistical areas (SMSA's) are those currently defined by the Office of Management and Budget, Executive Office of the President. Where an SMSA falls in more than one State (indicated in the SMSA title) information on the other State parts of the area can be obtained by referring to the appropriate P-25 or P-26 report for the other States.

Corresponding estimates for other States will be published as they become available. The appendix table shows reports published in either Series P-25 or Series P-26 to date for States in the 1972-73 series, together with those published earlier for 1971 and provisional 1972.

The 1970 census total for the State shown on the table may differ slightly from the sum of the counties because of corrections made subsequent to the release of the official State figure. All county populations for 1970 reflect corrections in the census count published in the bound 1970 census volume for the State. Counties with corrections of more than 500 are Contra Costa, Kern, King, Lassen, Los Angeles, Marin, Monterey, Orange, Sacramento, San Bernardino, San Joaquin, San Mateo, Santa Clara, Solano, and Ventura.

The estimates presented in the table have been rounded to the nearest hundred without being adjusted to the State total, which was independently rounded to the nearest thousand. Percentages are based on unrounded numbers.

Table 1. ESTIMATES OF THE POPULATION OF CALIFORNIA COUNTIES: JULY 1, 1972 AND JULY 1, 1973

(State estimates are shown to the nearest thousand, county estimates to the nearest hundred)

County	July 1, 1973 (provisional)	July 1, 1972	April 1, 1970 (census)[1]	Change, 1970 to 1973		Components of change, 1970 to 1973[2]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
California	20,601,000	20,411,000	19,953,134	648,000	3.2	1,061,000	549,000	116,000	0.6
Alameda	1,091,000	1,097,500	1,073,184	17,800	1.7	53,300	30,900	-4,600	-0.4
Alpine	700	700	484	200	44.8	(Z)	(Z)	200	44.0
Amador	13,600	12,700	11,821	1,800	15.3	500	400	1,800	15.1
Butte	114,700	112,300	101,969	12,800	12.5	4,500	4,000	12,200	12.0
Calaveras	14,700	14,300	13,585	1,100	8.1	500	500	1,100	8.3
Colusa	12,100	12,200	12,430	-400	-3.0	600	500	-500	-4.1
Contra Costa	570,500	566,000	555,805	14,700	2.7	26,100	12,700	1,300	0.2
Del Norte	14,800	14,900	14,580	200	1.6	800	500	-100	-0.5
El Dorado	50,500	48,800	43,833	6,700	15.3	1,900	1,300	6,100	13.9
Fresno	429,800	426,500	413,329	16,500	4.0	24,600	11,700	3,600	0.9
Glenn	18,100	17,500	17,521	500	3.0	900	600	200	1.2
Humboldt	103,100	102,700	99,692	3,400	3.5	5,300	2,900	1,100	1.1
Imperial	78,500	76,200	74,492	4,000	5.4	5,000	2,000	1,000	1.3
Inyo	16,000	15,600	15,571	400	2.6	700	600	300	1.9
Kern	332,400	332,700	330,234	2,200	0.7	20,000	9,000	-8,800	-2.7
Kings	68,400	67,500	66,717	1,700	2.6	4,500	1,600	-1,200	-1.8
Lake	22,600	21,700	19,548	3,000	15.6	800	1,200	3,500	18.0
Lassen	17,700	17,600	16,796	900	5.3	800	500	600	3.5
Los Angeles	6,944,800	6,972,200	7,041,980	-97,100	-1.4	374,300	201,800	-269,600	-3.8
Madera	42,700	42,700	41,519	1,200	2.8	2,600	1,500	100	0.2
Marin	209,200	207,600	206,758	2,500	1.2	8,800	5,000	-1,400	-0.7
Mariposa	7,300	6,900	6,015	1,200	20.6	300	200	1,200	20.2
Mendocino	54,200	52,500	51,101	3,100	6.1	2,900	1,800	2,100	4.0
Merced	111,000	109,400	104,629	6,400	6.1	7,100	2,500	1,800	1.7
Modoc	7,700	7,800	7,469	200	2.7	300	300	100	2.0
Mono	6,100	5,000	4,016	2,000	50.6	200	100	1,900	47.4
Monterey	253,800	252,400	247,450	6,300	2.6	15,400	5,700	-3,400	-1.4
Napa	82,800	81,900	79,140	3,700	4.6	3,400	3,100	3,300	4.2
Nevada	29,800	28,400	26,346	3,500	13.2	1,000	1,100	3,600	13.6
Orange	1,580,300	1,529,700	1,421,233	159,100	11.2	79,200	29,700	109,600	7.7
Placer	85,800	83,200	77,632	8,200	10.5	3,400	2,500	7,300	9.4
Plumas	13,100	12,500	11,707	1,400	12.0	600	400	1,300	10.8
Riverside	506,600	491,100	459,074	47,500	10.3	24,800	15,400	38,100	8.3
Sacramento	677,400	666,200	634,373	43,100	6.8	33,000	16,200	26,200	4.1
San Benito	18,500	18,600	18,226	200	1.3	1,300	500	-500	-2.8
San Bernardino	685,400	685,700	682,233	3,200	0.5	39,000	18,600	-17,200	-2.5
San Diego	1,469,500	1,422,900	1,357,854	111,700	8.2	73,900	34,300	72,100	5.3
San Francisco	688,500	690,800	715,674	-27,200	-3.8	31,500	28,100	-30,500	-4.3
San Joaquin	296,300	295,500	291,073	5,200	1.8	15,600	9,000	-1,400	-0.5
San Luis Obispo	119,000	114,500	105,690	13,300	12.6	4,700	3,400	12,000	11.4
San Mateo	565,900	560,000	557,361	8,500	1.5	24,300	13,000	-2,800	-0.5
Santa Barbara	278,800	276,000	264,324	14,400	5.5	12,900	6,400	8,000	3.0
Santa Clara	1,156,200	1,132,400	1,065,313	90,900	8.5	57,300	21,000	54,500	5.1
Santa Cruz	144,100	140,100	123,790	20,300	16.4	6,300	5,200	19,200	15.5
Shasta	84,100	80,600	77,640	6,500	8.4	4,100	2,400	4,800	6.1
Sierra	2,500	2,400	2,365	100	5.5	100	100	100	4.6
Siskiyou	33,900	33,600	33,225	700	2.1	1,600	1,200	300	0.9
Solano	180,300	179,600	171,989	8,300	4.8	11,300	4,100	1,100	0.6
Sonoma	229,500	221,500	204,885	24,600	12.0	10,800	7,400	21,200	10.4
Stanislaus	203,200	199,500	194,506	8,700	4.4	11,500	6,000	3,200	1.6

See footnotes at end of table.

Table 1. ESTIMATES OF THE POPULATION OF CALIFORNIA COUNTIES: JULY 1, 1972 AND JULY 1, 1973—Continued

(State estimates are shown to the nearest thousand, county estimates to the nearest hundred)

County	July 1, 1973 (provi-sional)	July 1, 1972	April 1, 1970 (census)[1]	Change, 1970 to 1973		Components of change, 1970 to 1973[2]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
Sutter	43,800	42,700	41,935	1,900	4.5	2,500	1,200	600	1.3
Tehama	30,100	29,800	29,517	600	1.9	1,300	1,000	300	0.9
Trinity	8,700	8,300	7,615	1,100	14.8	400	300	1,000	13.3
Tulare	197,400	195,500	188,322	9,100	4.8	11,900	5,700	2,900	1.6
Tuolumne	24,000	23,500	22,169	1,800	8.1	900	800	1,700	7.5
Ventura	413,300	404,900	378,497	34,800	9.2	22,700	7,900	20,100	5.3
Yolo	104,400	101,300	91,788	12,600	13.7	4,500	2,200	10,200	11.1
Yuba	42,100	44,200	44,736	-2,700	-5.9	3,000	1,200	-4,500	-10.0

Z Less than 50.

[1]Total does not agree with the sum of the counties due to corrections made to the county populations after release of the official State counts.

[2]Births and deaths are based on reported vital statistics from April 1, 1970, to December 31, 1972, with extrapolations to June 30, 1973. Net migration is the difference between net change and natural increase.

Table 2. ESTIMATES OF THE POPULATION OF METROPOLITAN AREAS AND THEIR COMPONENT COUNTIES: CALIFORNIA JULY 1, 1972 AND 1973

(SMSA totals rounded independently of county numbers)

Standard metropolitan statistical area and county	July 1, 1973 (provisional)	July 1, 1972	April 1, 1970 (census)	Change, 1970 to 1973		Components of change, 1970 to 1973[1]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
ANAHEIM-SANTA ANA-GARDEN GROVE	1,580,300	1,529,700	1,421,233	159,100	11.2	79,200	29,700	109,600	7.7
Orange	1,580,300	1,529,700	1,421,233	159,100	11.2	79,200	29,700	109,600	7.7
BAKERSFIELD	332,400	332,700	330,234	2,200	0.7	20,000	9,000	-8,800	-2.7
Kern	332,400	332,700	330,234	2,200	0.7	20,000	9,000	-8,800	-2.7
FRESNO	429,800	426,500	413,329	16,500	4.0	24,600	11,700	3,600	0.9
Fresno	429,800	426,500	413,329	16,500	4.0	24,600	11,700	3,600	0.9
LOS ANGELES-LONG BEACH	6,944,800	6,972,200	7,041,980	-97,100	-1.4	374,300	201,800	-269,600	-3.8
Los Angeles	6,944,800	6,972,200	7,041,980	-97,100	-1.4	374,300	201,800	-269,600	-3.8
MODESTO	203,200	199,500	194,506	8,700	4.4	11,500	6,000	3,200	1.6
Stanislaus	203,200	199,500	194,506	8,700	4.4	11,500	6,000	3,200	1.6
OXNARD-VENTURA	413,300	404,900	378,497	34,800	9.2	22,700	7,900	20,100	5.3
Ventura	413,300	404,900	378,497	34,800	9.2	22,700	7,900	20,100	5.3
RIVERSIDE-SAN-BERNARDINO-ONTARIO	1,192,000	1,176,800	1,141,307	50,700	4.4	63,800	34,000	20,900	1.8
Riverside	506,600	491,100	459,074	47,500	10.3	24,800	15,400	38,100	8.3
San Bernardino	685,400	685,700	682,233	3,200	0.5	39,000	18,600	-17,200	-2.5
SACRAMENTO	867,600	850,800	803,793	63,800	7.9	41,000	20,900	43,800	5.4
Placer	85,800	83,200	77,632	8,200	10.5	3,400	2,500	7,300	9.4
Sacramento	677,400	666,200	634,373	43,100	6.8	33,000	16,200	26,200	4.1
Yolo	104,400	101,300	91,788	12,600	13.7	4,500	2,200	10,200	11.1
SALINAS-MONTEREY	253,800	252,400	247,450	6,300	2.6	15,400	5,700	-3,400	-1.4
Monterey	253,800	252,400	247,450	6,300	2.6	15,400	5,700	-3,400	-1.4
SAN DIEGO	1,469,500	1,422,900	1,357,854	111,700	8.2	73,900	34,300	72,100	5.3
San Diego	1,469,500	1,422,900	1,357,854	111,700	8.2	73,900	34,300	72,100	5.3
SAN FRANCISCO-OAKLAND	3,125,100	3,121,900	3,108,782	16,300	0.5	144,000	89,700	-38,000	-1.2
Alameda	1,091,000	1,097,500	1,073,184	17,800	1.7	53,300	30,900	-4,600	-0.4
Contra Costa	570,500	566,000	555,805	14,700	2.7	26,100	12,700	1,300	0.2
Marin	209,200	207,600	206,758	2,500	1.2	8,800	5,000	-1,400	-0.7
San Francisco	688,500	690,800	715,674	-27,200	-3.8	31,500	28,100	-30,500	-4.3
San Mateo	565,900	560,000	557,361	8,500	1.5	24,300	13,000	-2,800	-0.5
SAN JOSE	1,156,200	1,132,400	1,065,313	90,900	8.5	57,300	21,000	54,500	5.1
Santa Clara	1,156,200	1,132,400	1,065,313	90,900	8.5	57,300	21,000	54,500	5.1
SANTA BARBARA	278,800	276,000	264,324	14,400	5.5	12,900	6,400	8,000	3.0
Santa Barbara	278,800	276,000	264,324	14,400	5.5	12,900	6,400	8,000	3.0
SANTA CRUZ	144,100	140,100	123,790	20,300	16.4	6,300	5,200	19,200	15.5
Santa Cruz	144,100	140,100	123,790	20,300	16.4	6,300	5,200	19,200	15.5
SANTA ROSA	229,500	221,500	204,885	24,600	12.0	10,800	7,400	21,200	10.4
Sonoma	229,500	221,500	204,885	24,600	12.0	10,800	7,400	21,200	10.4
STOCKTON	296,300	295,500	291,073	5,200	1.8	15,600	9,000	-1,400	-0.5
San Joaquin	296,300	295,500	291,073	5,200	1.8	15,600	9,000	-1,400	-0.5
VALLEJO-NAPA	263,100	261,600	251,129	12,000	4.8	14,700	7,200	4,400	1.8
Napa	82,800	81,900	79,140	3,700	4.6	3,400	3,100	3,300	4.2
Solano	180,300	179,600	171,989	8,300	4.8	11,300	4,100	1,100	0.6

[1]Births and deaths are based on reported vital statistics from April 1, 1970, to December 31, 1972, with extrapolations to June 30, 1973. Net migration is the difference between net change and natural increase.

APPENDIX

ESTIMATES PUBLISHED IN SERIES P-26 REPORTS SINCE 1970 CENSUS

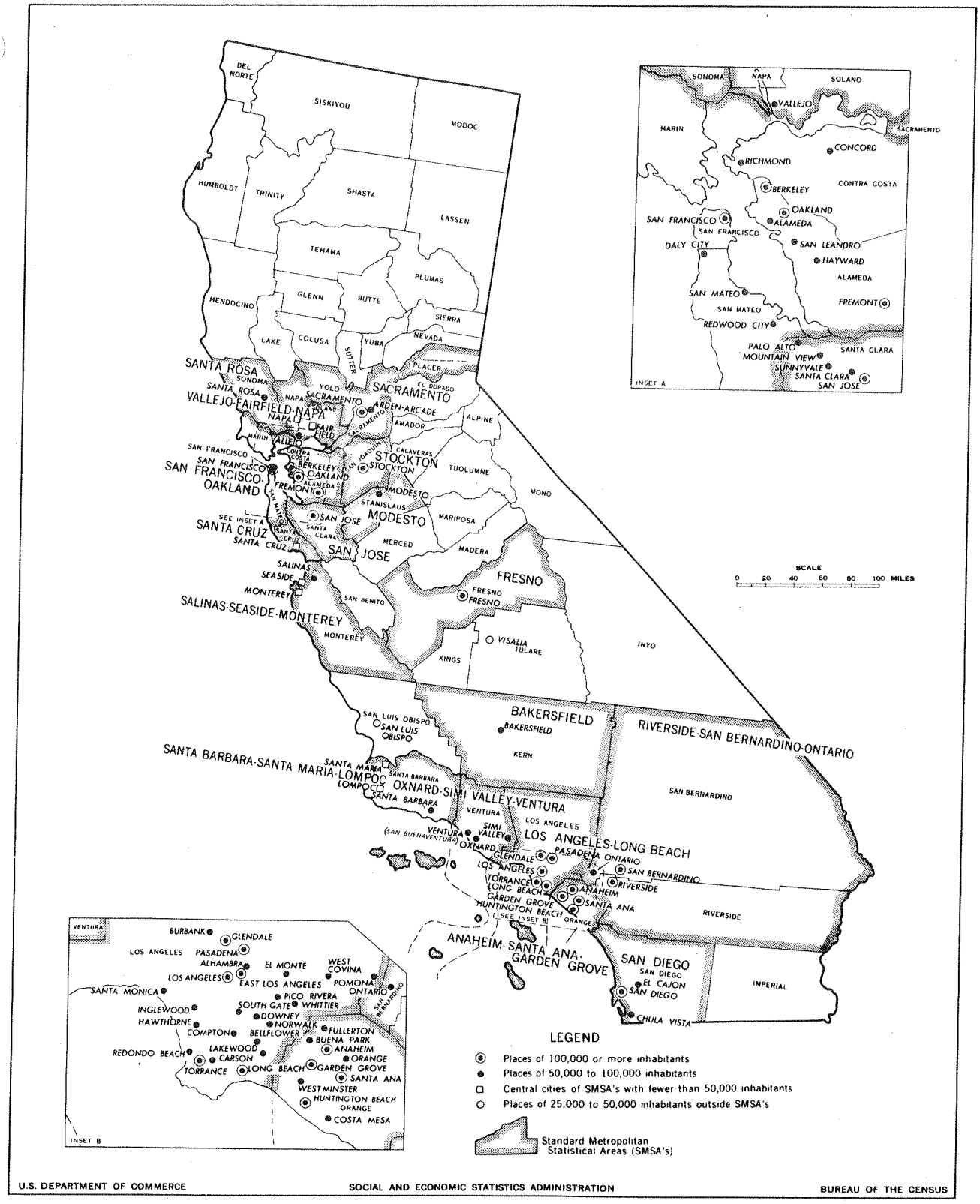
State	Report No.		State	Report No.		State	Report No.		State	Report No.	
	1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972
Ala.....	76	48	Ind....	75	14	Nebr....	58	25	R.I.....	65	22
Alaska...	(1)	(X)	Iowa...	72	31	Nev.....	67	29	S.C.....	71	34
Ariz.....	50	*11	Kans...	64	43	N.H.....	52	18	S.Dak...	61	*12
Ark.....	70	33	Ky.....	84	35	N.J.....	82	20	Tenn....	83	47
Calif....	(1)	*41	La.....	54	*16	N.Mex...	85	(X)	Tex.....		(X)
Colo.....	62	17	Maine..	59	28	N.Y.....	(1)	(X)	Utah....	55	10
Conn.....	79	(X)	Md.....	(1)	(X)						
Del.....	57	15	Mass...		42	N.C.....	68	44	Vt.....	49	*13
Fla.....	90	46	Mich...	69	32	N.Dak...	60	(X)	Va.....	88	36
Ga.....		37	Minn...	87	38	Ohio....	80	*40	Wash....	66	(X)
Hawaii...	56	23	Miss...	86	(X)	Okla....	63	24	W.Va....	89	30
Idaho....	51	9	Mo.....	77	45	Oreg....	74	(X)	Wis.....	81	26
Ill.....	78	27	Mont...	53	19	Pa.....		*39	Wyo.....	73	(X)

* First year only.

X No estimates published for this State.

[1]Estimates for New York counties are published in Current Population Reports, Series P-25, No. 527; estimates for Maryland counties are published in Series P-25, No. 530; estimates for Alaska census divisions are published in Series P-25, No. 531; estimates for California counties are published in Series P-25, No. 532.

COUNTIES, METROPOLITAN AREAS, AND SELECTED PLACES: CALIFORNIA



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