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Series P-25, No. 328
March 8, 1966

INVENTORY OF STATE AND LOCAL AGENCIES PREPARING POPULATION ESTIMATES SURVEY OF 1965

... Sources of Population Estimates and
Projections for—
Standard Metropolitan Statistical Areas
Counties
Cities



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ACKNOWLEDGMENTS

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SUGGESTED CITATION

U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 328,
"Inventory of State and Local Agencies Preparing Population Estimates:
Survey of 1965," U.S. Government Printing Office, Washington, D.C., 1966.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, 15 cents. Annual subscription (Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65, combined), \$4.00; foreign mailing, \$5.25.

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INVENTORY OF STATE AND LOCAL AGENCIES PREPARING POPULATION ESTIMATES: SURVEY OF 1965

(For previous surveys, see Current Population Reports, Series P-25, Nos. 244, 178, and 116)

This report presents the results of a survey of the sources and types of current population estimates available from State and local (city, county, and regional) agencies. The survey was conducted by mail in April-May 1965, and the results reflect work on population estimates in the State and local agencies since data from the 1960 Census of Population became available.

The Bureau of the Census now regularly prepares current population estimates for the United States as a whole, the States, the outlying areas of the United States, and the largest standard metropolitan statistical areas and their constituent counties.¹

The Bureau is greatly interested in the availability of population estimates for all areas in the country. In particular, it has been acting as a clearing house for the exchange of information regarding small-area estimates. It has been providing advice on methods for preparing them and has participated in the development and testing of methodology. This summary report is the fourth in a series of such reports designed to provide a periodic inventory of the availability of population estimates from States and local governmental sources and of the activities in this area at the local level.

The first survey was conducted at the suggestion of the Public Health Conference on Records and Statistics, which, at its meeting in Washington, in March 1954, adopted a motion recommending that the Bureau of the Census publish a summary of methods used by State vital statistics offices in making local population estimates. Because of the widespread interest in the initial report and the recommendation of the Public Health Conference on Records and Statistics that the inventory be repeated annually or biennially, it was decided to continue such surveys and publish reports periodically.

The 1965 mail survey represents an expansion of the coverage of the earlier surveys. In 1965, questionnaires were sent to State health departments, State employment security offices, State development commissions, State planning boards, bureaus of business research of State universities, and agricultural experiment stations, as well as to a number of miscellaneous State agencies that

had been reported in prior surveys as preparing population estimates. In addition, a letter was sent to the "key administrator" in each State, requesting information as to which agencies within the State prepared population estimates. Moreover, the questionnaire to each agency requested it to supply the name of any other agency that prepared population estimates, so as to assure as complete coverage as possible.

The survey also covered large metropolitan areas and large cities. Questionnaires were sent to all regional and county planning commissions of the 100 largest standard metropolitan statistical areas, asking for information on availability of estimates of these SMSA's and their component parts. Finally, each of the 51 cities with a 1960 population of 250,000 or more was also canvassed directly. In these instances, letters were sent to city planning commissions and city departments of health. The mayor of each of these cities was also informed of the survey and asked for the names of any other agencies which prepared estimates. Each of these cities is contained within the 100 metropolitan areas covered in the survey. All told, about 300 State agencies and somewhat more than 200 local agencies were covered in the survey.

The survey covers only the work of official State and local agencies; hence, estimates made by private organizations such as local chambers of commerce are not included.²

The questionnaire asked for a report on the areas for which estimates are prepared (e.g., State, counties, cities, and census tracts) and the characteristics for which estimates were prepared (e.g., age, sex, and race) as well as a description of the methods used in preparing such estimates. Other questions related to the frequency of publication of such estimates, the publication source, and whether unpublished figures were available to the public upon request. Finally, the respondents were also queried on the availability of population projections. A copy of the questionnaire that was used in the survey is given in the appendix of this report.

² A number of special cases, such as a nongovernment agency serving as a focal point, in conjunction with other organizations and agencies, for the provision of population estimates, are indicated in the tables.

¹ At present, estimates are prepared for the 38 largest SMSA's.

WORK OF STATE AGENCIES

Sources of estimates.--In all but one State, North Dakota, some State agency reported making population estimates for counties or other local areas. In a number of instances, census counts rather than estimates are available. Thus, the State of Kansas takes a State census every year as of March 1. Massachusetts takes one in years ending in 5; the results of the last one, taken as of January 1, 1965, have recently become available. The Washington State Census Board counts the population in selected places and supplements these counts with estimates of the population of other cities and towns. The State of Rhode Island in 1965 contracted with the U.S. Bureau of the Census to conduct a special census covering the whole State. (See, Current Population Reports, Special Censuses, Series P-28, No. 1393.) In all other instances, the data reported here represent population estimates derived by various methods.

As in earlier surveys, the State departments of health lead other types of State-wide agencies in the preparation of local population estimates. Out of a total of 66 different State agencies making such estimates, 27 were departments of health. This is approximately the same number of State departments of health reported as preparing estimates in our earlier surveys. State universities are the second most important source of such estimates; 21 such agencies reported making population estimates. Ten of these were Bureaus of Business Research at State universities and the remainder were represented by Departments of Sociology and newly established Population Study Centers. Other types of agencies preparing estimates were: economic development commissions (6), employment security commissions (4), State planning commissions (3), and other agencies. These agencies include the State Census Boards in Oregon and Washington. (The Oregon State Census Board has recently been replaced by the Center for Population Research and Census at Portland State College.) In the State of California, population estimation is the responsibility of the Population Research Unit in the Department of Finance. In Utah, an interagency committee has the responsibility for such estimates.

Table A below summarizes the sources of population estimates by type of agency preparing such estimates. The results from the earlier surveys are also shown for comparative purposes. In general, the changes reported over time are true representations of shifts in responsibility of preparing such estimates. It is quite possible, however, that the increase in the total number of agencies reporting work in this area since 1960 reflects the more extensive coverage of the 1965 survey.

Table A.--STATE AGENCIES MAKING POPULATION ESTIMATES FOR LOCAL AREAS: PERIODIC SURVEYS, 1955 TO 1965

Agency	1965	1960	1957-58	1955
Total.....	66	57	62	46
Department of health.....	27	27	30	31
State university.....	21	16	19	9
Bureau of business research...	10	10	15	7
Other department.....	11	6	4	2
Planning commission or economic development agency.....	9	5	3	1
Employment security office.....	4	2	4	2
Other.....	15	7	6	3

¹ Includes California State Department of Finance, Kansas State Board of Agriculture, Utah Population Committee, Washington State Census Board, and the Office of the Secretary of the Commonwealth of Massachusetts (census every 10 years).

In 15 States, more than one agency is involved in population estimation work. This apparent dual responsibility may involve some duplication; at times it represents supplemental estimates by a second agency to meet its own specific needs, but overlapping responsibility does appear to be the situation in about 10 of these States.

Methods used.--The methods used by State agencies to make population estimates for local areas are summarized in table B below. Explanations of the various methods listed are given in a later section of this report (pages 4 and 5).

Table B.--METHODS USED BY STATE AGENCIES TO MAKE POPULATION ESTIMATES FOR LOCAL AREAS: SURVEY OF 1965

Method	Number of agencies
Agencies reporting, total.....	66
Agencies preparing estimates of total population..	¹ 60
State census.....	2
Component method.....	34
Bureau of the Census: Method II.....	15
Age or grade progression.....	3
Average of Method II and other methods.....	4
Other.....	12
Composite method.....	5
Bogue-Duncan.....	3
Other variation.....	2
Censal ratio method.....	10
Simple.....	2
Complex.....	8
Vital rates.....	3
Ratio-correlation.....	3
Other.....	2
Natural increase.....	3
Arithmetic or geometric extrapolation.....	4
Other.....	2

¹ Excludes three agencies involved in supplementing the estimates of total population prepared by other agencies, and three agencies that have not prepared estimates in this decade.

² Includes net migration based on past trends (4); net migration based on other symptomatic data (3); Census Bureau Method I (1); and other variations.

More than half of the agencies preparing estimates of the total population of counties use some form of component method in which the primary components of population change, that is, births, deaths, and net migration are estimated separately. Included are methods in which net migration is based on current series of symptomatic data or simply on the extrapolation of past levels or trends. Component Method II, or an adaptation of the method, was the principal specific component method used, accounting for close to half of all the component method variants.

The censal ratio method was the second most frequently cited method. Here, too, the symptomatic data series used varies from State to State, with vital statistics being very frequently used. Three agencies use estimates based solely on natural increase without any allowance for net migration, and four agencies were reported as using arithmetic or geometric extrapolation. These last methods are considered substantially less reliable than the other methods shown, in that they do not make use of any current indicators which may reflect population change due to net migration. In only four instances was an average of the results of two or more methods used, although many of the single-technique estimates use more than one series of data to estimate either net migration or the distribution of total population among geographic areas. Recent studies conducted by the Bureau of the Census suggest that the averaging of the results of two or more independent methods of relatively the same level of accuracy tend to produce estimates of lower average error than estimates produced by a single method.

The assignment of the method to a particular classification is based on a description of the method provided by the local agencies. In this respect, then, there had to be a fair degree of guesswork in the assignment process. However, within broad categories, it may be possible to see to what extent techniques used by State agencies have changed in the 10 years since the first survey was initiated in 1955. Table C below summarizes the results of the four surveys available to date.

Table C.--SUMMARY OF METHODS USED BY STATE AGENCIES TO MAKE POPULATION ESTIMATES FOR LOCAL AREAS: PERIODIC SURVEYS, 1955 TO 1965

Method	1965	1960	1957-58	1955
Total.....	60	57	62	44
State census.....	2	2	2	2
Component method.....	34	24	28	17
Composite method.....	5	6	5	-
Censal ratio.....	10	14	7	3
Natural increase.....	3	4	5	7
Proration.....	-	3	6	5
Extrapolation.....	4	4	4	8
Other.....	2	-	5	2

WORK OF LOCAL AGENCIES

Types of agencies.--As indicated earlier, questionnaires were sent to over 200 county and city agencies, mainly regional and county planning commissions, city planning commissions, and city departments of health. The majority of the jurisdictions replying reported some agency involved in population estimates, with planning commissions, in general, being the type of agency most frequently reported. The agencies contacted and those making such estimates were distributed as follows:

Table D.--LOCAL AGENCIES PREPARING POPULATION ESTIMATES: SURVEY OF 1965

Type of agency	Number contacted	Number preparing estimates
Total.....	218	118
City planning commission.....	66	30
City and county department of health.....	30	12
Regional and county planning commission..	122	275
Other.....	-	1

¹ Of these, 30 had the term "Regional" or "Metropolitan" in their title.

² Fifteen of these prepare estimates for two or more counties in the area.

For the 100 SMSA's covered in the survey, estimates are available for the entire SMSA in 35 cases. In most instances, estimates for the entire metropolitan area are available from a single, local source. Typically, where a metropolitan or regional planning commission exists and prepares estimates, the estimates are prepared for the entire metropolitan area and its component counties. Of the 270 metropolitan counties covered in the survey, estimates are available for 142 of these, or slightly more than half.

Of the 51 cities with a population of 250,000 or more in 1960 covered specifically in the survey, estimates were reported for 36. In 19 of these, estimates were reported as available by census tracts. In the 1960 survey covering approximately the same cities, only 12 cities reported preparing estimates for census tracts.

Methods used.--The procedures used by county and city agencies do not readily lend themselves to precise classification. Rarely was only one method or one single type of symptomatic data series reported as the means of deriving population estimates. Even where two or more methods or series of data were used, the manner in which the methods or data were combined is not always clear. Generally, local agencies preparing population estimates make use of multiple series of data manipulated in a variety of ways to arrive at current estimates of population.

In a broad sense, the most frequently used procedure was the "dwelling unit" method based mainly on residential building permits. However, substantial variation exists in the availability and use of such supplementary information as vacancy rates, demolitions, and average size of household. The extent of complex variations in the application of the method even raises questions as to the appropriateness of a single classification under the general heading of "dwelling unit" method. Similar situations exist for other methods.

Perhaps such flexibility should be expected and preferred at the local level. For one thing, the availability of data relating to population change varies from area to area. For another, many local estimators prefer to introduce elements of judgment both in the kinds of data selected and the manner in which the data are used in arriving at the best population figure. Such variability in data and flexibility in approach, however, create problems in the classification and evaluation of the methods. Expected average errors based on past tests of accuracy may not be applicable because of lack of comparability of base data and lack of uniformity in application.

Because of these problems of classification, the description of methods in table 2 emphasizes the kinds of data that the local agencies used in deriving the estimates. The overall classification represents only a rough approximation to how the data are used to make the estimates. For more information on the techniques used to develop estimates for any specific area, it is suggested that the reader refer to the publication source of the estimates, or write directly to the originating agency.

CLASSIFICATION OF METHODS

The questionnaire asked each respondent to describe the methods used to prepare estimates, including the kinds of symptomatic data and the particular way in which they were used. It also asked whether net migration was measured separately. This information was used to classify each of the replies into the methods listed below. A brief explanation of these methods is as follows:

Component or migration-and-national-increase methods are those in which the components of population change since the last census--that is, births, deaths, and net migration--are estimated separately.

In Component Method II* of the Bureau of the Census, net migration is estimated on the basis of school enrollment or school census data from the difference between the actual population of elementary school age and the population of school age expected on the basis of the most recent

Census and births since the census. (In Component Method I of the Bureau of the Census, the net migration rate for a given area is estimated, on the basis of school enrollment or school census data, as the difference between the percent change in the population of school age for the area and the corresponding change for the United States.)

In other component methods, net migration is estimated in various other ways, such as the use of data on school enrollment for successive school years by grade (the grade-progression method), the use of reported migration of previous decades, and other kinds of data, such as information on residential utility installations and dwelling units.

In the composite method*, estimates of various age groups are derived separately and are then summed to secure a total for all ages. One method is to use age-specific deaths and death rates; another, developed by Bogue and Duncan,³ uses death statistics to estimate ages 45 and over, birth statistics to estimate ages 18 to 44 and under 5, and Component Method II (see above) to estimate ages 5 to 17 years. Other variations of the composite method employ other combinations of "indicators" for various age groups. These methods permit the choice of those indicators best suited to a given age range and provide some age detail as a by-product.

In the censal ratio methods, current symptomatic data are multiplied by the ratio of population to the same symptomatic datum at the last census for the area for which the estimate is being made. A variation of the method allows for a trend in this ratio between the census and the estimate date. Sometimes the initial estimates of population by the censal ratio method for the constituent parts of an area are adjusted so as to add to an independent estimate for the entire area. A censal ratio method may be simple, using one indicator, or complex using two or more indicators. The vital rates method* is a ratio method in which two sets of estimates, based, respectively, on birth and death statistics, are averaged. The ratio-correlation method* is a censal ratio method in which the estimate is obtained by use of a formula for multiple regression between change in the proportion of the State's population in a county and the change in a number of censal ratios for

Detailed descriptions of methods noted by an asterisk (), as used by the Bureau of the Census, are given in: U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 324, January 20, 1966, and No. 298, February 12, 1965.

³ See, Donald J. Bogue and Beverly Duncan, "A Composite Method for Estimating Postcensal Population of Small Areas by Age, Sex, and Color," National Office of Vital Statistics, Vital Statistics - Special Reports, Vol. XLVII, No. 6 (August 24, 1959).

the last decade. The dwelling unit method* is yet another censal ratio method, in which the estimates of population are based on estimates of dwelling units. The latter, in turn, are based on data on building permits issued, or on data on electric, gas, or water meter connections. In this method, allowance may or may not be made for the trend in the size of household in the area. Because of the lack of the necessary data to measure changes in the number of dwelling units for rural areas, the method is generally limited to urban areas.

The proration method involves the distribution of an estimated total for some large area among the constituent parts, as an independently estimated State total among counties, on the basis of the population at the last census or on the basis of current symptomatic data, such as school data, births, or deaths. This procedure implicitly assumes that the State's population is currently distributed in the same proportion over the counties as at the last census, or that the ratio of population to the symptomatic item is the same for all of the counties. (In this respect, the proration method differs from the censal ratio method. In the latter, the ratio of population to the symptomatic item is derived separately for each county.)

Arithmetic extrapolation assumes that the yearly amount of population change in an area in the postcensal period equals the average yearly amount of change in the area in a recent past period--usually the most recent intercensal period. In geometric extrapolation, the average yearly rate of change is assumed to remain the same as in the past period.

The natural increase method involves merely adding natural increase (births minus deaths) to the census figure. It assumes, therefore, that net migration since the last census equals zero.

ACCURACY OF METHODS

The Bureau of the Census is keenly interested in the development of new data sources and improved methodology for the derivation of population estimates in local areas and has for some time participated in the development of estimates and in testing methodology. In order to add to the available information on the relative accuracy of methods of preparing population estimates, the questionnaire to the agencies included the question "Have you conducted any tests of accuracy of your past estimates or of the methods used to prepare current estimates?" Sufficient detail to this question was not received in most cases to provide a firm basis for additional evaluation of the accuracy of various methods. Many agencies

preparing estimates during the 1950's have compared their estimates for 1960 with the 1960 Census results, in order to obtain some feeling for the level of accuracy of their estimates. Little is known, however, about the extent to which such comparisons resulted in changing the methodology or conversely, reinforcing procedures already in use. (It is noteworthy that about one-third of the States answered "Yes" to the question on tests of accuracy, but only a few gave detailed information on the design and results of such tests.)

Tests conducted by the Bureau of the Census and others provide information on the accuracy of various methods of preparing local estimates. Some of the more recent studies using the 1960 Census as a standard are:

1. David Goldberg and T. R. Balakrishnan, A Partial Evaluation of Four Estimating Techniques ("Michigan Population Studies No. 2," Ann Arbor, Michigan: University of Michigan, 1961). Also, David Goldberg et al, "Tests of Accuracy of Ratio Correlation Population Estimates," Land Economics, Volume 40, No. 64, February 1964, pages 100 to 102.
2. George A. Hillery, Jr., Postcensal Population Estimates for Small Areas: An Evaluation of Selected Techniques (Lexington, Kentucky: University of Kentucky, Agricultural Experiment Station, KAES RS-17, September 1962).
3. Meyer Zitter and Henry S. Shryock, Jr., "Accuracy of Methods For Preparing Postcensal Population Estimates for States and Local Areas," Demography, Volume 1, No. 1, 1964.
4. National Vital Statistics Division (now Division of Vital Statistics, National Center for Health Statistics), Preliminary Report of the Study Group on Postcensal Population Estimates, the Public Health Conference on Records and Statistics (Washington, D.C., June 11, 1962).

The aforementioned tests provide some indication of the general level of accuracy achieved in the past for selected methods for different kinds of areas. Substantial variation about the average has been found for specific areas, however.

OTHER SOURCES OF POPULATION ESTIMATES

In addition to the population estimates prepared and compiled by State and city agencies described above, local population figures are available from several other sources. These include special census counts made by the Bureau of the Census and estimates prepared by various private groupings including Chambers of Commerce, welfare agencies, and marketing research organizations.

Since 1960, the Bureau of the Census has taken over 700 special censuses at the request and expense of local governments. The places in which censuses have been taken vary in size from small

villages to very large cities, complete counties, and, in one instance, a whole State. Up to the period ending July 1, 1965, special censuses have been completed for 8 whole counties and 8 cities in excess of 100,000 inhabitants. These are listed in tables E and F below.⁴ The Bureau issues quarterly and annual summaries on results of special censuses in Current Population Reports, Series P-28.

Table E.--COUNTIES FOR WHICH SPECIAL CENSUSES HAVE BEEN TAKEN BY THE BUREAU OF THE CENSUS BETWEEN APRIL 1, 1960, AND JULY 1, 1965

State and county	Date of special census	P-28 report number	Population	
			Special census	April 1, 1960
Alabama:				
Madison.....	Sept. 22, 1964	1380	173,285	117,348
Indiana:				
Clark ¹	May 14, 1964	1377	66,453	62,795
Floyd ¹	May 14, 1964	1377	53,008	51,397
Kentucky:				
Jefferson ¹	May 14, 1964	1377	649,445	610,947
New York:				
Monroe.....	April 1, 1964	1376	625,128	586,387
Putnam.....	March 29, 1965	1392	41,811	31,722
Rockland.....	April 1, 1963	1338	162,029	136,803
Westchester.....	April 6, 1965	1394	853,198	808,891

¹ Three counties--Clark and Floyd in Indiana and Jefferson in Kentucky--constitute the entire Louisville SMSA.

⁴ The censuses in two of the areas, Louisville SMSA and Cleveland city, were taken at the expense of the Bureau of the Census as part of its planning program for the 1970 Decennial Census.

Table F.--CITIES OF 100,000 OR MORE FOR WHICH SPECIAL CENSUSES HAVE BEEN TAKEN BY THE BUREAU OF THE CENSUS BETWEEN APRIL 1, 1960, AND JULY 1, 1965

City	Date of special census	P-28 report number	Population	
			Special census	April 1, 1960
Cleveland, Ohio.....	April 1, 1965	1390	810,858	876,050
Huntsville, Ala.....	Sept. 22, 1964	1380	123,519	72,365
Little Rock, Ark.....	June 8, 1964	1375	128,929	107,813
Louisville, Ky.....	May 14, 1964	1377	389,044	390,639
Madison, Wis.....	Oct. 5, 1964	1382	157,844	126,706
Rochester, N.Y.....	April 1, 1964	1376	305,849	316,611
Rockford, Ill.....	Jan. 9, 1964	1364	132,109	126,706
Sacramento, Calif.....	Nov. 9, 1964	1386	237,712	191,667

POPULATION PROJECTIONS

There has been much interest in the availability of projections of population in future years for various geographic areas in the country. Hence, the Bureau of the Census decided to include a question on the availability of projections in the 1965 mail survey. The question asked was whether the specific agency or some other State or local organization had prepared population projections within the past five years (since the 1960 Census). No information was specifically solicited on the type or scope of such projections. An asterisk (*) has been added to the agency names listed in tables 1 and 2 to indicate the availability of population projections. State agencies preparing population projections but not listed in table 1 are listed in table 3. Local agencies preparing population projections but not listed in table 2 are shown in table 4.

Table 1.--POPULATION ESTIMATES PREPARED BY STATE AGENCIES: SURVEY OF 1965

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 3 for additional State agencies preparing projections)

State	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Alabama.....	*Bureau of Business Research University of Alabama P.O. Box KK University, Alabama 35486	Counties.....	Component--Method II.....	Published annually in <u>Alabama Business</u> .
Alaska.....	*Research and Analysis Section Employment Security Division Department of Labor P.O. Box 2661 Juneau, Alaska 99801	Election districts.....	Component--Method II.....	Published annually in <u>Current Population Estimates - Alaska, by Election District</u> .
Arizona.....	*Arizona State Employment Service 1717 West Jefferson Street Phoenix, Arizona 85007	Counties..... (Cities irregularly upon request)	Component--Estimate of net migration based on dwelling units and State income tax returns.	Published annually in <u>Arizona Basic Economic Data</u> .
Arkansas.....	Bureau of Business and Economic Research College of Business Research University of Arkansas Fayetteville, Arkansas 72703	Counties.....	Component--modified Method II: 1. Elementary and high school enrollment used 2. Constant relationship assumed between migration rates for school ages and total population.	Published annually in <u>Arkansas Business Bulletin</u> .
California.....	*Population Research Unit Department of Finance Sacramento, California 95814	Counties and cities, total population only. State by age and sex	<u>Counties</u> : Component--Grade-progression. <u>Cities</u> : Various methods, including dwelling unit, sample surveys, and enumeration.	Published annually in <u>California Population</u> .
Colorado.....	*Colorado State Division of Accounts and Control Room 1-10 State Capitol Building Denver, Colorado 80203	Counties and cities.....	Component--modified Method II...	Published annually in <u>The Colorado Year Book</u> .
Connecticut.....	Public Health Statistics Section State Department of Health 79 Elm Street Hartford, Connecticut 06115	Counties and towns, total population only. State by age and sex	Component--Age-progression using school census data.	Published annually as a special issue of <u>Weekly Health Bulletin</u> .
Delaware.....	Bureau of Vital Statistics State Board of Health Dover, Delaware 19901 Delaware State Planning Office 45 The Green Dover, Delaware 19901	Counties and Wilmington city, by color. Counties and municipalities.	Arithmetic extrapolation..... Censal ratio--based on housing unit count obtained in State-wide field survey.	Unpublished; prepared annually and available upon request. Estimates now in preparation, will be revised and published at irregular intervals and available upon request.
Dist. of Columbia.	Biostatistics Section Planning, Research, and Statistics Division D.C. Department of Public Health 300 Indiana Avenue, N.W. Washington, D.C. 20001	District of Columbia by age, sex, and color. Statistical areas by age and color Census tracts, total population only	Composite--Bogue-Duncan method..	Published annually in <u>Vital Statistics Summary</u> .
Florida.....	Bureau of Economic and Business Research College of Business Administration 221 Matherly Hall University of Florida Gainesville, Florida 32603 Division of Public Health Statistics Florida State Board of Health Jacksonville, Florida 32201	Counties..... Counties by color.....	Average of two methods: 1. Component--Method II 2. Censal ratio--based on vital statistics. Component--migration based on past trends, adjusted to county totals of University of Florida (above).	Published annually in <u>Population Bulletin Series, Economic Leaflets, and Business and Economic Dimensions</u> . Published annually in <u>Florida Vital Statistics</u> .
Georgia.....	*Biostatistics Service Georgia Department of Public Health 47 Trinity Avenue, S.W. Atlanta, Georgia 30334 *Demographic Laboratory Social Science Research Institute University of Georgia Athens, Georgia 30601	Counties and cities of 2,500 and over by color, State by age, sex, and color Counties and cities of 5,000 and over by color and sex.	Component--adaptation of Method II. Component--Method II.....	Published annually as a separate release. Estimates now in preparation and will be published by the Bureau of Business Research, University of Georgia.

Table 1.--POPULATION ESTIMATES PREPARED BY STATE AGENCIES: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 3 for additional State agencies preparing projections)

State	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Hawaii.....	Research, Planning, and Statistics Office State Department of Health 1250 Punch Bowl Street Honolulu, Hawaii 96801	Civilian population, counties, islands, and cities of Hilo and Honolulu. Honolulu by census tract	Component--migration based on passenger statistics.	Published semiannually in <u>Estimated Civilian Population of the State of Hawaii by Geographic Area.</u>
	*Department of Planning and Economic Development 426 Queen Street Honolulu, Hawaii 96813	Resident population for above areas.	Estimates based on above plus data obtained on Armed Forces.	Published semiannually in <u>Statistical Report, "The Population of Hawaii."</u>
Idaho.....	Bureau of Vital Statistics Idaho Department of Health State House Boise, Idaho 83701	Counties.....	Natural increase method.....	Published annually in <u>Annual Report.</u>
Illinois.....	*Bureau of Statistics Department of Public Health Springfield, Illinois 62706	Counties and cities of 10,000 and over.	Component--natural increase with migration based on 1950-60 trend.	Published annually in <u>Vital Statistics--Special Report Series.</u>
Indiana.....	*Public Health Statistics State Board of Health 1230 West Michigan Street Indianapolis, Indiana 46202	Counties and cities of 5,000 and over.	Average of Method II and census ratio based on vital statistics.	Published annually as a separate release.
Iowa.....	Division of Vital Statistics State Department of Health Des Moines, Iowa 50319	Counties and cities of 10,000 and over.	Component--modified Method II...	Published annually in "Statistical Supplement" of the <u>Biennial Report.</u>
Kansas.....	Kansas State Board of Agriculture State Office Building Topeka, Kansas 66612	Counties, cities, and townships.	Annual enumeration by county assessors.	Published annually in <u>Kansas Directory of Governmental Officials</u> , and by State Department of Health in <u>Annual Summary of Vital Statistics.</u>
	Division of Vital Statistics State Department of Health State Office Building Topeka, Kansas 66612	State by age, sex, and color. Counties and selected cities by age and sex	Totals from State Board of Agriculture (see above) age, sex, and color based on a combination involving the use of school enrollment, age-specific death rates, and an estimate of net migration.	Unpublished; prepared at irregular intervals and available upon request.
Kentucky.....	*Department of Sociology University of Kentucky Lexington, Kentucky 40506	Counties.....	Average of four methods: 1. Census ratio--based on vital statistics 2. Component--Method II 3. Ratio correlation--based on school census, vehicle registrations, and vital statistics 4. Hamilton-Perry ratio projection.	Published annually as a special report of the Kentucky Agricultural Experiment Station.
	Division of Planning, Research, and Statistics Kentucky Department of Health 275 East Main Street Frankfort, Kentucky 40601	Counties and cities of 10,000 and over, by color.	Census ratio--based on vital statistics.	Published annually in <u>Vital Statistics Report.</u>
Louisiana.....	Tabulation and Analysis Section State Board of Health New Orleans, Louisiana 70160	State by age and color... Parishes and cities of 10,000 and over by color	Natural increase method.....	Published annually as a statistical report of the Division of Public Health Statistics.
Maine.....	Division of Research and Vital Records Department of Health and Welfare State House Augusta, Maine 04330	Counties.....	Average of two methods: 1. Census ratio--based on vital statistics 2. Component--natural increase with migration implicitly assumed in adjustment to State total.	Published annually in <u>Vital Statistics Report.</u>
Maryland.....	*Division of Statistical Research and Records State Department of Health 301 West Preston Street Baltimore, Maryland 21201	Counties by age and color.	Composite--Bogue-Duncan method..	Published annually in <u>Final Vital Statistics Tables, Maryland.</u>

Table 1.--POPULATION ESTIMATES PREPARED BY STATE AGENCIES: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 3 for additional State agencies preparing projections)

State	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Massachusetts.....	Office of the Secretary of the Commonwealth State House Boston, Massachusetts 02133	Counties, cities, and towns by age and sex.	State census on January 1, 1965.	State census taken decennially in years ending in "5." Latest census published in <u>The Decennial Census, 1965.</u>
	Bureau of Research and Statistics State Department of Commerce and Development 150 Causeway Street Boston, Massachusetts 02114	Counties and cities.....	Data on migration, natural increase, and new family accommodations used.	Unpublished; prepared at irregular intervals and available upon request.
Michigan.....	*Population Studies Center University of Michigan 527 East Liberty Street Ann Arbor, Michigan 48103	Counties.....	Ratio correlation--multiple regression equation using births, auto registrations, sales tax, school census data, etc.	Published annually as a separate release by the State Department of Health and available upon request.
	Health Statistics and Evaluation Center Michigan Department of Health 3500 North Logan Lansing, Michigan 48914	Cities of 2,500 and over.	Component--County net migration (per above) apportioned to cities and "balance of county."	Same as above.
Minnesota.....	*Section of Vital Statistics Department of Health 350 State Office Building St. Paul, Minnesota 55101	Counties.....	Composite--Bogue-Duncan method.	Published annually as a separate release.
Mississippi.....	*Division of Sociology and Rural Life Mississippi State University State College, Mississippi 39762	Counties by color.....	Censal ratio--based on vital statistics.	Published annually as special bulletins of the Agricultural Experiment Station, Mississippi State University.
Missouri.....	Statistical Services State Department of Health and Welfare State Office Building Jefferson City, Missouri 65102	Counties and selected cities.	Component--natural increase with net migration based on 1950-60 trend.	Published annually in a special issue of monthly <u>Health.</u>
	*Research Center School of Business and Public Administration University of Missouri Columbia, Missouri 65202	Counties and selected cities.	Natural increase method.....	Unpublished; prepared annually and available upon request.
Montana.....	Division of Records and Statistics State Board of Health Helena, Montana 59601	Counties.....	Component--Method II.....	Published annually in <u>Statistical Supplement</u> and as a separate release.
Nebraska.....	Bureau of Business Research 310 Social Science Building University of Nebraska Lincoln, Nebraska 68503	Counties and selected cities.	Ratio-correlation--based on school census, number of votes cast, drivers licenses, vital statistics, and head tax.	Published annually in <u>Business in Nebraska.</u>
Nevada.....	*Bureau of Business and Economic Research College of Business Administration University of Nevada Reno, Nevada 89507	Counties.....	Censal ratio--based on school enrollment.	Unpublished; prepared at irregular intervals and available upon request.
New Hampshire.....	Division of Economic Security Department of Resources and Economic Development State House Annex Concord, New Hampshire 03301	Counties, cities, and towns.	Composite--based on school census and State head tax data.	Prepared at irregular intervals and available upon request.
	*Department of Employment Security 32 South Main Street Concord, New Hampshire 03301	Counties.....	Based on work-force statistics..	Prepared and published at irregular intervals. Estimates for 1964 published in <u>Economic Changes in New Hampshire Counties in 1937 to 1965.</u>
New Jersey.....	*Division of Resource Development Department of Conservation and Economic Development Bureau of Commerce Research and Statistics Section P.O. Box 1839 Trenton, New Jersey 08625	Counties and all incorporated municipalities.	Ratio-correlation--based on vital statistics, dwelling units, newspapers, and migration trends.	Published annually in research report, <u>New Jersey Population Estimates 196.</u>

Table 1.--POPULATION ESTIMATES PREPARED BY STATE AGENCIES: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 3 for additional State agencies preparing projections)

State	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
New Jersey-- Continued	Bureau of Public Health Statistics Department of Health Health-Agriculture Building John Fitch Plaza - P.O. Box 1540 Trenton, New Jersey 08625	Counties and cities of 50,000 and over.	Arithmetic extrapolation.....	Published annually in <u>New Jersey Health Statistics</u> .
New Mexico.....	*Bureau of Business Research University of New Mexico 1821 Roma Street, N.E. Albuquerque, New Mexico 87106	Counties.....	Censal ratio--based on school date, vital statistics, and other data.	Published annually in special issue of <u>Business Information Series</u> .
New York.....	Office of Biostatistics New York State Department of Health 84 Holland Avenue Albany, New York 12208	Counties and cities of 10,000 and over. State and New York City by age and sex	New York City: See table 2. <u>Nassau, Suffolk, and West- chester Counties</u> : Censal ratio--based on utility data. All other counties and cities: Component--natural increase with net migration based on 1950-60 trends. Age and sex: Cohort survival.	Published annually in <u>Monthly Vital Statistics Review and Annual Statistical Report</u> .
North Carolina...	Public Health Statistics Section State Board of Health P.O. Box 2091 Raleigh, North Carolina 27602	Counties and cities of 10,000 and over by color.	Arithmetic extrapolation.....	Published annually in a separate <u>Vital Statistics Report</u> .
	*Department of Rural Sociology University of North Carolina P.O. Box 5428 Raleigh, North Carolina 27607	Counties.....	Component--Method II.....	Estimates now in preparation.
North Dakota.....	.....	.....	.....	No estimates reported.
Ohio.....	*Economic Research Division State Development Department Box 1001 Columbus, Ohio 43216	Counties, cities, villages, standard metropolitan statis- tical areas, and economic regions.	Component--natural increase with net migration based on 1950-60 trend and other factors for evaluating change in trend.	Estimates for counties and cities published semiannually; for villages, annually in <u>Population Estimates for Ohio, Series A and B</u> .
Oklahoma.....	*Bureau of Business Research University of Oklahoma Norman, Oklahoma 73069	Counties and cities of 2,500 and over.	Counties: Component--Method II. Cities: Censal ratio--based on gas meter connections.	Published annually in the <u>Sta- tistical Abstract of Oklahoma</u> .
Oregon.....	*Center for Population Research and Census Portland State College P.O. Box 751 Portland, Oregon 97207 (Replaced State Board of Census)	Counties and cities.....	Counties: Component--Method II. Cities: Censal ratio--based on dwelling units and enumeration of some areas.	Published annually in <u>Population Estimates of Counties and Incorporated Cities of Oregon</u> .
Pennsylvania.....	*Research Section State Planning Board Governor's Office Harrisburg, Pennsylvania 17120	Counties and selected cities and boroughs.	Censal ratio--based on vital statistics.	Unpublished; prepared annually and available upon request.
Rhode Island ¹	*Rhode Island Development Council Roger Williams Building Hayes Street Providence, Rhode Island 02908	Counties, cities, and towns.	Basically a nonstandardized, composite method.	Prepared at irregular intervals and available upon request.
South Carolina....	Bureau of Vital Statistics State Board of Health Columbia, South Carolina 29201	State by age, sex, and color. Counties and cities of 10,000 and over by color	Arithmetic extrapolation-- adjusted by percent change in births since preceding year.	Published annually in the sta- tistical supplement of <u>The Annual Report of the State Board of Health</u> .
South Dakota.....	*Division of Public Health Statistics State Department of Health Pierre, South Dakota 57501	Counties.....	Component--Method II.....	Published annually in <u>Special Report Series, "South Dakota Population Changes by County."</u>

¹ A special census of the entire State was taken by the Bureau of the Census under contract with the State. Results are published by the Bureau of the Census in Current Population Reports, Series P-28, No. 1393.

Table 1.--POPULATION ESTIMATES PREPARED BY STATE AGENCIES: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 3 for additional State agencies preparing projections)

State	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Tennessee.....	*Bureau of Business and Economic Research College of Business Administration University of Tennessee Knoxville, Tennessee 37916	Counties by sex and color.	Component--Method II.....	Prepared and published at irregular intervals.
Texas.....	*Population Research Center Department of Sociology University of Texas Austin, Texas 78712	Counties and SMSA's.....	Basic methods: 1. Component--variation of Method II 2. Censal ratio--based on vital statistics and passenger car registration.	Published annually by the Bureau of Business Research, University of Texas, in <u>Texas Business Review</u> .
	*Department of Agricultural Economics and Sociology Texas A and M University College Station, Texas 77843	Counties and cities.....	Component--Method I.....	Unpublished; prepared at irregular intervals and available upon request.
Utah.....	*Utah Population Committee Department of Employment Security 174 Social Hall Avenue Salt Lake City, Utah 84110	Counties.....	Component--Grade-progression...	Published annually by the Bureau of Business Research, University of Utah, in the April issue of <u>Utah Economic and Business Review</u> .
Vermont.....	Division of Public Health Statistics Department of Health 115 Colchester Avenue Burlington, Vermont 05401	Counties, total population only. State by age	Composite--based on vital statistics, school enrollment, and 1940-60, 1950-60 trends.	Unpublished; prepared annually and available upon request.
Virginia.....	*Bureau of Population and Economic Research University of Virginia Charlottesville, Virginia 22903	Counties, cities, and towns of 2,500 and over.	Component--migration based on school enrollment, State income tax returns, and 1950-60 trend.	Published annually as a separate release.
	Virginia Employment Commission P.O. Box 1358 Richmond, Virginia 23211	Standard metropolitan statistical areas, counties, and cities.	.....	Estimates now in preparation.
Washington.....	*State Census Board 102 Guthrie Hall University of Washington Seattle, Washington 98105	Incorporated towns and cities.	Annual enumeration of approximately 100 cities and towns; remainder estimated using dwelling unit data.	Published annually in <u>Population Trends - Cities and Towns - State of Washington - 1900 to 196-</u> .
	Public Health Statistics Section State Department of Health Public Health Building Olympia, Washington 98502	Counties.....	Estimates for counties based on city trends shown by above agency.	Unpublished; prepared annually and available upon request.
West Virginia.....	Department of Sociology Agricultural Experiment Station West Virginia University Morgantown, West Virginia 26506	Counties.....	Component--Age-progression.....	Released annually by the State Department of Health.
Wisconsin.....	Bureau of Vital Statistics State Board of Health State Office Building Madison, Wisconsin 53702	Counties and selected cities by age and sex.	Component--Method II.....	Published annually in <u>Public Health Report</u> .
	Department of Rural Sociology University of Wisconsin Madison, Wisconsin 53706	Counties.....	Various methods including arithmetic extrapolation, Hamilton-Perry method, and ratio-correlation.	Prepared at irregular intervals and released as special departmental publications.
Wyoming.....	Division of Business and Economic Research College of Commerce and Industry University of Wyoming Laramie, Wyoming 82071	Counties.....	Censal ratio--based on vital statistics, school enrollment data, auto license registration, and drivers license registration.	Prepared and published at irregular intervals.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Akron, Ohio.....	Department of Planning and Urban Renewal Akron City Planning Commission Akron, Ohio 44308	.....	.....	Estimates now in preparation.
Albany-Schenectady-Troy, N.Y.	.....	.....	.....	No estimates reported.
Allentown-Bethlehem-Easton, Pa.-N.J.	.....	.....	.....	No estimates reported.
Anaheim-Santa Ana-Garden Grove, Calif.	Population Research Committee c/o Orange County Planning Department 400 West Eighth Street Santa Ana, California 92701	Orange County by incorporated place and unincorporated area.	Combination involving the use of: 1. Building permit data and vacancy rate based on electric and gas meter data 2. Vital statistics.	Published quarterly in <u>Quarterly Population Report</u> .
Atlanta, Ga.....	Atlanta Region Metropolitan Planning Commission 900 Glenn Building Atlanta, Georgia 30303	Atlanta SMSA by county, municipality, and census tract.	<u>Total SMSA</u> : Extrapolation of ratio to total U.S. population. <u>Census tracts</u> : Dwelling unit--based on building permit and demolition data.	Published annually in <u>Population and Housing</u> .
Bakersfield, Calif..	*Kern County Planning Commission 1103 Golden State Highway Bakersfield, California 93301	Kern County by census county division and community.	Combination involving the use of: 1. Dwelling unit count 2. Geometric extrapolation.	Unpublished; prepared at irregular intervals and available upon request.
Baltimore, Md.....	*Bureau of Biostatistics Baltimore City Health Department American Building Baltimore, Maryland 21202	City by age and sex. Census tracts, total population only	<u>City total</u> : Component--Method II. <u>Census tracts</u> : Dwelling unit.	Published annually in <u>Quarterly Statistical Report</u> .
	Baltimore County Office of Planning 111 West Chesapeake Avenue Towson, Maryland 21204	Baltimore County by election district and census tract.	Dwelling unit--based on building permit data.	Published annually in <u>Baltimore County Population</u> .
	Office of Planning and Zoning Anne Arundel County Court House Annapolis, Maryland 21404	Anne Arundel County by election district.	Combination involving the use of: 1. Building permits 2. Vital statistics.	Unpublished; prepared annually and available upon request.
	*Howard County Planning Commission 55 Court Avenue Ellicott City, Maryland 21042	Howard County.....	Combination involving the use of: 1. Dwelling unit method 2. Arithmetic extrapolation.	Published biennially in odd years as a special <u>Technical Bulletin</u> .
Beaumont-Port Arthur, Texas.	.....	.....	.....	No estimates reported.
Binghamton, N.Y.-Pa..	*Broome County Planning Board Room 307, Court House Binghamton, New York 13902	Broome County by municipality.	Arithmetic extrapolation.....	Unpublished; prepared at irregular intervals and available upon request.
Birmingham, Ala.....	*Birmingham Planning and Zoning Department City of Birmingham Birmingham, Alabama 35202	Jefferson County by enumeration district. Birmingham city by census tract and block	Natural increase plus estimate of migration based on past trends, distributed on the basis of apportionment to the various geographic areas.	Unpublished; prepared at irregular intervals and available upon request.
	Bureau of Vital Statistics Jefferson County Department of Health 1912 8th Avenue P.O. Box 2591 Birmingham, Alabama 35202	Jefferson County by age, Sex, and race.	Basic methods are arithmetic projection and geometric extrapolation.	Published annually and available upon request.
Boston, Mass. ¹	*Boston Redevelopment Authority City Hall Annex Boston, Massachusetts 02108	Boston city by 17 geographic areas.	Composite method using: 1. Annual census data on adult population collected by the Boston Police Department 2. Vital statistics 3. School enrollment 4. Selective Service data.	Unpublished; prepared annually and available upon request.

¹ Included in 1965 State Census of Massachusetts. See table 1.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Bridgeport, Conn.....	.....	.....	.....	No estimates reported.
Buffalo, N.Y.....	*Erie County Department of Planning 2202 City Hall Buffalo, New York 14202	Erie County by municipality.	Combination involving the use of: 1. Dwelling unit 2. Composite method.	Unpublished; prepared at irregular intervals and available upon request.
	Office of Biostatistics Erie County Department of Health Buffalo, New York 14202	Buffalo city and Erie County by color.	Censal ratio--based on vital statistics.	Published annually.
Canton, Ohio.....	*Stark County Regional Planning Commission 624 County Office Building Canton, Ohio 44702	Stark County by municipality.	Component--based on vital statistics and migration data from various sources including school districts and dwelling unit inventories.	Prepared semiannually and published by the Ohio Department of Development.
Charlotte, N.C.....	*Charlotte-Mecklenburg Planning Commission City Hall 600 East Trade Street Charlotte, North Carolina 28202	Charlotte city and Mecklenburg County by census tract. Union County, total population only	Combination involving the use of data on births, deaths, school enrollment, building activity, residential light meters, and the labor force.	Prepared annually in cooperation with the Charlotte Census Tract Committee and released by the Chamber of Commerce.
Chattanooga, Tenn.-Ga.	Chattanooga-Hamilton County Regional Planning Commission Room 216, City Hall Chattanooga, Tennessee 37402	Hamilton County by municipality.	Censal ratio--based on building permits, school enrollment, housing unit counts, and vital statistics.	Unpublished; prepared at irregular intervals and available upon request.
Chicago, Ill. ²	Northeastern Illinois Metropolitan Area Planning Commission 400 West Madison Street Chicago, Illinois 60606	Chicago SMSA by county, municipality, and township.	Average of three methods: 1. Component--Method II variation 2. Censal ratio--based on dwelling unit data 3. Censal ratio--based on vital statistics.	Estimate for 1963 published in <u>Planning Information Bulletin No. 6</u> .
	*Population Research and Training Center and Chicago Community Inventory University of Chicago 1413 East 60th Street Chicago, Illinois 60637	Chicago SMSA and Chicago city, by sex, color, and broad age group. (Estimates for community areas planned)	Estimates and methodology in preparation.	
	*Lake County Regional Planning Commission 228 North Genesee Street Waukegan, Illinois 60085	Lake County by township..	Component--Method II variation....	Prepared and published at irregular intervals.
Cincinnati, Ohio-Ky..	*Hamilton County Regional Planning Commission 231 Court House Cincinnati, Ohio 45202	Hamilton County by municipality and township.	Dwelling unit--based on data on electric meters.	Annual estimates prepared by Bureau of Governmental Research, Inc., 812 Race Street, Cincinnati, Ohio 45202; and distributed by the Planning Commission.
	*Scripps Foundation for Research in Population Problems 218 Harrison Hall Miami University Oxford, Ohio 45056	Cincinnati SMSA plus Butler County, Ohio, by age and sex.	Component--migration based on auto registration, voter registration, school enrollment, gas and electric meter use, postal deliveries, and dwelling unit activity.	Estimates now in preparation.
Cleveland, Ohio ³	*Regional Planning Commission 415 The Arcade Cleveland, Ohio 44114	Cities, villages, and townships.	Dwelling unit--count of housing units based on annual canvass.	Planning Commission uses annual population estimates published by the <u>Real Property Inventory of Metropolitan Cleveland</u> , 508 The Arcade, Cleveland, Ohio 44114
	Cleveland City Planning Commission Room 730 - C.T.S. Building 1404 East Ninth Street Cleveland, Ohio 44114	Cleveland city by color.	Combination involving the use of: 1. Arithmetic extrapolation 2. Geometric extrapolation 3. Component method 4. Censal ratio--based on vital statistics.	Prepared and published at irregular intervals and available upon request.

² Annual estimates for Chicago SMSA by county and township also prepared by the Hospital Planning Council of Metropolitan Chicago, Inc., 79 West Monroe Street, Chicago, Illinois.³ A special census of Cleveland city was conducted April 1, 1965. Results are published in U.S. Bureau of the Census, Current Population Reports, Series P-28, No. 1390.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Columbus, Ohio.....	*Franklin County Regional Planning Commission 514 South High Street Columbus, Ohio 43215	Franklin County by municipality and township. Columbus city by census tract	Dwelling unit--based on building permits, demolition data, and postal department vacancy survey data.	Planning Commission uses estimates prepared and published annually by the Research Department of the Columbus Area Chamber of Commerce, 30 East Broad Street, Columbus 43216.
Dallas, Texas.....	Department of City Planning City of Dallas Dallas, Texas 75201	Dallas city.....	Arithmetic extrapolation.....	Unpublished; prepared quarterly and available upon request.
Davenport-Rock Island-Moline, Iowa-Ill.	Rock Island County Regional Planning Commission Court House Rock Island, Illinois 61201	Rock Island County.....	Dwelling unit--based on building permit data.	Unpublished; prepared annually and available upon request.
Dayton, Ohio.....	.....	.....	.....	No estimates reported.
Denver, Colo.....	*Inter-County Regional Planning Commission 2475 West 26th Avenue Denver, Colorado 80211	Five metropolitan counties and Douglas County, by census tract. Counties by broad age groups.	Weighted average of four methods: 1. Dwelling unit 2. Ratio-correlation--based on automobile registration 3. Ratio-correlation--based on school enrollment 4. Component--Method II.	Published annually in <u>Population Study - Denver Metro Area</u> .
	*Denver Planning Office Suite 800 810 Fourteenth Street Denver, Colorado 80202	Adams, Arapahoe, Denver, and Jefferson Counties combined, and Denver County separately.	Metropolitan area: Censal ratio--based on civilian labor force data. Denver city-County: Dwelling unit--based on building and demolition permits.	Unpublished; prepared annually and available upon request.
	Adams County Planning Department 4201 East 72nd Avenue Commerce City, Colorado 80022	Adams County by census tract and enumeration district.	Dwelling unit--based on building permits, field house counts, and aerial photographs.	Published annually in <u>Population Study</u> .
	*Arapahoe County Planning Department 5606 South Court Place Littleton, Colorado 80120	Arapahoe County by incorporated city.	County: Component--Method II.... Cities: Dwelling unit--based on building permits.	Unpublished; prepared at irregular intervals and available upon request.
Detroit, Mich.....	*Detroit Metropolitan Area Regional Planning Commission 800 Cadillac Square Building Detroit, Michigan 48226	Detroit and Ann Arbor SMSA's (Wayne, Oakland, Macomb, and Washtenaw Counties) by counties and minor civil division.	Essentially dwelling unit method; attuned by electric meter counts, vital statistics, school censuses, and labor force data.	Published annually in <u>Estimates of Population and Occupied Dwelling Units</u> .
	*Macomb County Planning Commission Macomb County Engineering Building 115 Groesbeck Highway Mount Clemens, Michigan 48043	Macomb County by governmental units, age, and sex.	Expanded school census--annual enumeration of total county population.	Published annually as a special issue of <u>Information Bulletin</u> .
Duluth-Superior, Minn.-Wis.	.....	.....	.....	No estimates reported.
El Paso, Texas.....	*El Paso City Department of Planning 118 South Campbell Street El Paso, Texas 79901	El Paso city by census tract.	Dwelling unit--based on building permits and demolition data.	Published annually in <u>Housing Trends and Estimates</u> .
Flint, Mich.....	.....	.....	.....	No estimates reported.
Fort Lauderdale-Hollywood, Fla.....	*Research Division Broward County Area Planning Board Room 363, Broward County Court House Fort Lauderdale, Florida 33301	Broward County by municipality. County total by age, sex, and color	Dwelling unit--supplemented by field surveys and other data to estimate average size of household.	Published annually in <u>Broward County, A Statistical Summary</u> .
Fort Worth, Texas....	Fort Worth City Planning Department City Hall Fort Worth, Texas 76102	Fort Worth city.....	Average of three methods: 1. Dwelling unit 2. Censal ratio--based on school census data 3. Component--Age-progression.	Unpublished; prepared annually and available upon request.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Fresno, Calif.....	*Fresno County Planning Commission 4499 East Kings Canyon Road Fresno, California 93702	Fresno County by metropolitan and nonmetropolitan area.	Component--Method II.....	Prepared and published at irregular intervals. Latest in Fresno County Population - 1964 (June 1964).
Gary-Hammond-East Chicago, Ind.	.....	.....	.....	No estimates reported.
Grand Rapids, Mich....	.....	.....	.....	No estimates reported.
Harrisburg, Pa.....	.....	.....	.....	No estimates reported.
Hartford, Conn.....	.....	.....	.....	No estimates reported.
Honolulu, Hawaii....	*Honolulu Planning Department City Hall Annex Honolulu, Hawaii 96813	Honolulu County by census tract.	Dwelling unit--based on construction, conversion, relocation, and demolition permits.	Unpublished; prepared annually and available upon request.
Houston, Texas.....	*City Planning Department City of Houston Houston, Texas 77002	Harris County by census tract.	Combination involving the use of data from annual school censuses and residential electric utility connections.	Accept estimates prepared by Research Department, Houston Chamber of Commerce, 3rd floor, Chamber of Commerce Building, Houston, Texas 77002.
Indianapolis, Ind....	*Metropolitan Planning Department of Marion County 2041 City-County Building Indianapolis, Indiana 46204	The seven metropolitan counties and Indianapolis city.	Component method--utility, employment, and dwelling unit data used to derive net migration.	Unpublished; prepared annually and available upon request.
Jacksonville, Fla....	*Jacksonville-Duval Area Planning Board 712 American Heritage Life Building Jacksonville, Florida 32202	Duval County by census county division and enumeration district.	Dwelling unit--based on field counts of units supplemented by aerial photographs.	Prepared and published at irregular intervals.
Jersey City, N.J.....	.....	.....	.....	No estimates reported.
Johnstown, Pa.....	.....	.....	.....	No estimates reported.
Kansas City, Mo.-Kans.	*Kansas City Planning Department Research Section 15th Floor, City Hall Kansas City, Missouri 64106	Kansas City SMSA by county and Kansas City, Missouri.	Dwelling unit data and other information, including vital statistics, field surveys, and other recognized indicators of population change.	Unpublished; prepared annually and available upon request.
Knoxville, Tenn.....	*Knoxville-Knox County Metropolitan Planning Commission P.O. Box 1646, City Hall Park Knoxville, Tennessee 37901	Knox County and Knoxville city by planning unit.	Estimates now in process based primarily upon dwelling unit count obtained in land use survey.	Unpublished; prepared at irregular intervals and available upon request.
Lancaster, Pa.....	.....	.....	.....	No estimates reported.
Lansing, Mich.....	*Tri-County Regional Planning Commission 535 North Clippert Street Lansing, Michigan 48912	Clinton, Eaton, and Ingham Counties.	1965 estimates to be obtained from utility data and R. L. Polk & Company data.	Published annually in Planning Commission's <u>Newsletter</u> .
Los Angeles-Long Beach, Calif.	*Los Angeles County Regional Planning Commission Population Research Section 320 West Temple Street Los Angeles, California 90012	Los Angeles County by statistical area. 41 cities within county by census tract.	Dwelling unit--based on data on building activity, estimates of vacancy, and surveys of institutions.	Estimates for statistical areas published quarterly in <u>Population and Dwelling Unit Bulletin</u> . Estimates for census tracts published semiannually in <u>Census Tract Reports</u> .
	*Los Angeles City Planning Commission Research Section Room 461, City Hall Los Angeles, California 90012	Los Angeles city by census tract and statistical area.	Combination involving the use of: 1. Dwelling unit--based on building permits and electric meter data 2. Census ratio--based on school data.	Estimates for statistical areas published quarterly in <u>Population Estimate Bulletin</u> . Unpublished estimates for census tracts available upon request.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Los Angeles-Long Beach, Calif.-- Continued	*Long Beach City Planning Commission Room 209, City Hall Long Beach, California 90802	Long Beach city by census tract.	Dwelling unit--based on building permit data.	Unpublished; prepared at irregular intervals and available upon request.
Louisville, Ky.- Ind. ⁴	*Louisville and Jefferson County Planning and Zoning Commission 900 Fiscal Court Building Louisville, Kentucky 40202	Jefferson County and Louisville city. (Occasionally by census tract)	Combination involving the use of data on employment participation and natural increase.	Prepared and published at irregular intervals.
	Louisville and Jefferson County Board of Health Statistical Service Division 240 East Madison Street Louisville, Kentucky 40202	Jefferson County and Louisville city by age, sex, and color.	Geometric extrapolation--checked against school enrollment.	Published in <u>Annual Report</u> .
Memphis, Tenn.-Ark...	.....	.....	.....	No estimates reported.
Miami, Fla.....	*Metropolitan Dade County Planning Department Research Division 302 Justice Building Miami, Florida 33125	Dade and Broward Counties.	Average of two methods: 1. Dwelling unit--based on electric meter data 2. Component--Grade-progression.	Published annually in <u>Population Change in Dade and Broward Counties</u> .
	City of Miami Planning Department P.O. Box 708 Cocoanut Grove Station Miami, Florida 33133	Miami city by census tract.	Dwelling unit--based on data from certificates of occupancy.	Unpublished; prepared annually and available upon request.
Milwaukee, Wis.....	*Southeastern Wisconsin Regional Planning Commission P.O. Box 769 Old Courthouse Waukesha, Wisconsin 53187	Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha Counties.	Average of: 1. Census ratio--vital rates 2. Census ratio--based on building permits, electric meter installations, and newspaper circulation.	Unpublished; prepared annually and available upon request.
	Milwaukee City Health Department Vital Statistics Division 841 North Broadway Milwaukee, Wisconsin 53202	Milwaukee city by age and color.	Component--method of obtaining net migration not specified.	Unpublished; prepared annually and available upon request.
	*Department of City Development 155 East Kilbourn Avenue Milwaukee, Wisconsin 53202	Milwaukee city by census tract.	Census tract estimates by dwelling unit method, adjusted to city total prepared by Health Department.	Unpublished; prepared annually and available upon request.
Minneapolis-St. Paul, Minn.	*Twin Cities Metropolitan Planning Commission 200 Criggs-Midway Building University at Fairview St. Paul, Minnesota 55104	Minneapolis-St. Paul SMSA by county, city, village, and township.	Composite-- Under 18: School census. 18 and over: Dwelling Unit--based on building activity and post office vacancy data Institutional population: Annual survey.	Published annually as a special issue of <u>Information Bulletin</u> .
	Minneapolis City Planning Commission 501 City Hall Minneapolis, Minnesota 55415	Minneapolis city by census tract.	Dwelling unit.....	Unpublished; prepared annually and available upon request.
Mobile, Ala.....	.....	.....	.....	No estimates reported.
Nashville, Tenn.....	Metropolitan Planning Commission of Nashville and Davidson County Box 39 Nashville, Tennessee 37202	Davidson County by planning unit.	Dwelling unit field count.....	Prepared and published at irregular intervals.
New Haven, Conn.....	New Haven City Plan Commission 177 Church Street New Haven, Connecticut 06510	New Haven city.....	Dwelling unit change.....	Unpublished; prepared at irregular intervals and available upon request.
New Orleans, La.....	.....	.....	.....	No estimates reported.

⁴ A special census of the Louisville SMSA was conducted May 14, 1964. Results are published in U.S. Bureau of the Census, Current Population Reports, Series P-28, No. 1377.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
New York, N.Y. ⁵	New York City Department of Health Bureau of Records and Statistics 125 Worth Street New York, N.Y. 10013	New York City by borough and health district.	Weighted average of: 1. Vital rates 2. Dwelling unit estimate prepared by Consolidated Edison Company.	Published annually in <u>Summary of Vital Statistics</u> .
	*Rockland County Planning Board New City, New York 10956	Rockland County by town, village, and community.	Dwelling unit.....	Unpublished; prepared annually and available upon request.
	*Nassau County Planning Commission Executive Building Mineola, Long Island, New York 11501	Nassau County by school district.	Based in part on total population figures by school district, supplied annually by school census personnel.	Published in <u>Annual Population Report</u> .
	*Suffolk County Department of Planning Veterans Memorial Highway Hauppauge, New York 11788	Suffolk County by town...	Component--natural increase with migration based on 1950-60 trend.	Prepared and published at irregular intervals and available upon request.
Newark, N.J.....	Division of City Planning Room 211, City Hall Newark, New Jersey 07102	Newark city, by age.....	Composite--Bogue-Duncan method....	Estimates now in preparation.
Norfolk-Portsmouth, Va.	Norfolk City Planning Commission 406 East Plume Street Norfolk, Virginia 23510	Norfolk city by census tract.	Estimates based on dwelling unit count obtained in land use survey.	Estimates now in preparation; will be revised annually and be available upon request.
	Department of City Planning 2292 Cedar Road Chesapeake, Virginia 23320	Chesapeake city (formerly Norfolk County and South Norfolk city).	A variety of methods are being used including natural increase, dwelling unit counts, and school enrollment figures.	Estimates now in preparation.
Oklahoma City, Okla..	.....	.....	.....	No estimates reported.
Omaha, Nebr.-Iowa....	Division of Vital Statistics Omaha-Douglas County Health Department 1201 South 42nd Street Omaha, Nebraska 68105	Douglas County and Omaha city.	Natural increase method.....	Midyear estimates published by the Health Department in <u>Annual Report</u> .
Orlando, Fla.....	.....	.....	.....	No estimates reported.
Paterson-Clifton-Passaic, N.J.	Passaic County Planning Board County Administration Building 317 Pennsylvania Avenue Paterson, New Jersey 07503	Passaic County by municipality.	Estimates based on published data on natural increase and dwelling units added since 1960.	Prepared and published at irregular intervals.
Peoria, Ill.....	*Tri-County Regional Planning Commission Room 304, Peoria County Courthouse Peoria, Illinois 61602	Peoria, Tazewell, and Woodford Counties. Peoria city	Average of three methods: 1. Component--Method II 2. Geometric extrapolation 3. Arithmetic extrapolation.	Published annually in the August issue of <u>Planning Comments</u> .
Philadelphia, Pa.-N.J.	Philadelphia Department of Public Health Division of Statistics and Research 500 South Broad Street Philadelphia, Pennsylvania 19146	Philadelphia city by age, sex, and color for Health Districts.	Composite--Bogue-Duncan method....	Published in <u>Annual Statistical Report</u> .
	Bucks County Planning Commission Administration Building Broad and Court Streets Doylestown, Pennsylvania 18901	Bucks County by borough, township, and planning area.	Composite--based on: 1. School census data 2. Occupation/per capita tax data.	Unpublished; available upon request.
	Chester County Planning Commission Courthouse Annex West Chester, Pennsylvania 19380	Chester County by municipality.	Method varies among municipalities depending upon data available: 1. Dwelling unit 2. Component--Method II 3. Censal ratio--based on per capita taxpayer enumeration.	Published biennially (even years) in <u>Annual Report</u> .

⁵ A special census of Rockland County was conducted April 1, 1963. Results are published in U.S. Bureau of the Census, Current Population Reports, Series P-28, No. 1338. Special censuses were also conducted in 1964 and 1965 covering large portions of Nassau and Suffolk Counties. Summary results are published in Series P-28, Nos. 1388 and 1392.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Philadelphia, Pa.-N.J.--Continued	*Delaware County Planning Commission Court House Media, Pennsylvania 19063	Delaware County by municipality.	Dwelling unit--based on building permit data.	Published biennially (even years) in a special <u>Data Sheet</u> .
	*Montgomery County Planning Commission Court House Norristown, Pennsylvania 19404	Montgomery County by township and borough.	Two basic methods used: 1. Dwelling unit--based on building permits 2. Proration.	Unpublished; prepared at irregular intervals and available upon request.
Phoenix, Ariz.....	*Maricopa County Office of Planning and Zoning 111 South Third Avenue Phoenix, Arizona 85004	Maricopa County by municipality.	Estimates prepared by city clerk in each municipality. Method varies by place.	Estimates collected from city clerks and published annually.
	*Phoenix City Planning Department 801 Municipal Building 251 West Washington Street Phoenix, Arizona 85003	Phoenix city by census tract.	Dwelling unit--based on building permit data.	Published monthly as a separate release.
Pittsburgh, Pa.....	Office of Biostatistics Allegheny County Health Department 620 City-County Building Pittsburgh, Pennsylvania 15219	Allegheny County by health district.	Average of several methods, including vital rates and censal ratio based on school enrollment.	Unpublished; available upon request.
Portland, Oreg.-Wash.	Portland City Planning Commission 414 City Hall Portland, Oregon 97204	Portland city by selected age groups.	Combination involving the use of: 1. Component--Method II 2. Dwelling unit--based on building permits 3. Composite method--based on building permits and school enrollment.	Unpublished; prepared annually and available upon request.
	Multnomah County Planning Commission Room 403, County Courthouse Portland, Oregon 97204	Unincorporated portion of Multnomah County by census tract.	Dwelling unit--based on building permits and field survey of apartment buildings.	Published annually in <u>Population and Housing</u> .
	*Clark County-Vancouver Regional Planning Commission Clark County Court House Vancouver, Washington 98660	Clark County by census tract.	Dwelling unit--based on building permit data and periodic housing unit counts.	Unpublished; prepared annually and available upon request.
Providence-Pawtucket-Warwick, R.I.-Mass. ⁶	*Providence City Planning Commission Suite 103, City Hall Providence, Rhode Island 02903	Providence city by census tract.	Average of several methods including: 1. Vital rates 2. Component--Method II 3. Composite--Bogue-Duncan 4. Censal ratio--based on gas and electric utility data.	Unpublished; prepared annually and available upon request.
Reading, Pa.....	.....	.....	.....	No estimates reported.
Richmond, Va.....	*Richmond Regional Planning Commission 219 Governor Street Richmond, Virginia 23219	Chesterfield and Henrico Counties and Richmond city, by traffic zone.	Dwelling unit--based on housing survey, family size checks, and building permit data.	Prepared and published at irregular intervals.
Rochester, N.Y. ⁷	*Monroe County Planning Council 301 County Office Building 39 Main Street West Rochester, New York 14614	Monroe County by census tract (excluding Rochester city).	Dwelling unit--based on building permits, field surveys, and data on population in group quarters.	Published in <u>Annual Building Permit and Population Survey</u> .
Sacramento, Calif....	*Sacramento County Planning Department 627 Seventh Street Sacramento, California 95814	Sacramento County.....	Censal ratio--based on dwelling unit data and school enrollment.	Unpublished; prepared annually and available upon request.

⁶ A special census of the State of Rhode Island has been conducted by the U.S. Bureau of the Census. Results are published in U.S. Bureau of the Census, Current Population Reports, Series P-28, No. 1393.

⁷ A special census of Monroe County was conducted April 1, 1964. Results are published in U.S. Bureau of the Census, Current Population Reports, Series P-28, No. 1376.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
St. Louis, Mo.-Ill. ⁸	St. Louis Division of Health Room 3, Municipal Courts Building St. Louis, Missouri 63103	St. Louis city by age, sex, and color. Census tracts by color	Arithmetic extrapolation.....	Unpublished; prepared annually and available upon request.
	St. Louis County Planning Commission Court House Clayton, Missouri 63105	St. Louis County by incorporated and unincorporated areas.	Dwelling unit method, tempered by geometric extrapolation.	Unpublished; prepared annually and available upon request.
Salt Lake City, Utah.	Salt Lake County Planning Commission 333 South 200 East Salt Lake City, Utah 84111	Salt Lake County by census tract.	Dwelling unit--based on building permit data.	Published annually in Implementation Series, "Residential Construction and Population Growth."
San Antonio, Texas...	*City Planning Department Third Floor, City Hall San Antonio, Texas 78205	Bexar County by incorporated city and neighborhood.	Combination involving the use of vital statistics and data on light meter connections.	Published annually. Unpublished monthly estimates available upon request.
San Bernardino- Riverside-Ontario, Calif.	*San Bernardino County Planning Department 316 Mountain View San Bernardino, California 92408	San Bernardino County by community census tract and enumeration district.	Dwelling unit--based on building permit data taking vacancy factors into consideration.	Published quarterly in <u>Popula- tion and Housing Bulletin</u> .
	Riverside County Planning Commission Court House Riverside, California 92501	Riverside County by incorporated area and census tract.	Dwelling unit--based on building permit data and occupancy factors by census tract.	Published quarterly in <u>Cumulative Population Estimates</u> .
San Diego, Calif.....	*San Diego City Planning Commission Research Section City Administration Building Community Concourse San Diego, California 92101	San Diego city by statistical area and census tract.	Dwelling unit--based on housing unit inventory data adjusted for varying trends in housing occupancy and household size in different parts of the city.	Estimates for statistical areas published quarterly and for census tracts annually in <u>Population and Land Use Bulletin</u> .
	San Diego County Planning Department 207 County Administration Center 1600 Pacific Highway San Diego, California 92101	San Diego County by incorporated city and by census tract for unincorporated area.	Dwelling unit--based on building permit completions, vacancies estimated from utility connections, questionnaires to institutions.	Published semiannually in <u>San Diego County Population and Housing Bulletin</u> .
San Francisco-Oak- land, Calif.	San Francisco Department of Public Health Bureau of Records and Statistics 101 Grove Street San Francisco, California 94102	San Francisco city-County by broad age groups, sex, and color.	Estimates of characteristics de- veloped using vital statistics, rate of change from 1950-1960, and estimates of shifts of popu- lation in various areas based on demolitions and new construc- tions. Adjusted to estimate of total population released by State Department of Finance.	Published annually in the Statistical Report of the San Francisco Department of Public Health.
	Oakland City Planning Department Oakland, California 94604	Oakland city by census tract.	Dwelling unit--based on building and demolition permits.	Published annually in <u>Estimate of Population by Census Tract - City of Oakland</u> .
	*Marin County Planning Department Civic Center San Rafael, California 94903	Marin County by incorporated com- munity and census tract.	Dwelling unit--based on building permit data; estimates of military and institutional population.	Published annual estimates pre- pared by Marin County Development Association.
	San Mateo County Planning Commission County Government Center Redwood City, California 94063	San Mateo County by city and census tract.	Dwelling unit--based on building permits and vacancy survey data, augmented by school enrollment and other indicators.	Unpublished; prepared annually and available upon request.
	*Alameda County Planning Commission 224 West Winton Avenue Hayward, California 94544	Alameda County by city, planning unit, and statistical area.	Dwelling unit--based on number of housing units by type of struc- ture, number of residential electric bills sent, and average persons per household by type of structure. Also estimates of population in group quarters.	Prepared semiannually and published annually in issue of <u>Data</u> .
Contra Costa County Planning Commission County Administration Building Martinez, California 94554	Unincorporated portion of Contra Costa County by census tract.	Dwelling unit--based on resi- dential construction permits.	Unpublished; prepared annually and available upon request.	

⁸ Biennial estimates for the St. Louis SMSA are prepared by the Metropolitan Census Committee of the St. Louis Chapter of the American Statistical Association, 224 North Broadway, St. Louis, Missouri 63102.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued

(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
San Jose, Calif.....	*Santa Clara County Planning Department County Administration Building 70 West Hedding Street San Jose, California 95110	Santa Clara County by city, school district, planning area, and census tract.	County: Censal ratio--based on school enrollment. City, census tract: Dwelling unit--based on building permit data adjusted to county total.	Published annually as special issue of <u>Info</u> .
Seattle-Everett, Wash.	*Seattle City Planning Commission 401 Municipal Building Seattle, Washington 98104	Seattle city by census tract.	Dwelling unit estimates by census tract. Adjusted to city total provided by State Census Board.	Prepared annually and available upon request. Published at irregular intervals.
	*King County Planning Department King County Court House Seattle, Washington 98104	King County by statistical area, planning area, and census tract.	Dwelling unit--based on building permits tabulated by census tract and statistical area.	Unpublished; prepared annually and available upon request.
	Snohomish County Planning Commission Court House Everett, Washington 98201	Snohomish County, occasionally by census tract.	Dwelling unit--based on building permit data for residential new construction and periodic land use surveys.	Unpublished; prepared at irregular intervals and available upon request.
Shreveport, La.....	Shreveport Metropolitan Planning Commission of Caddo Parish City Hall, 1234 Texas Avenue Shreveport, Louisiana 71102	Caddo Parish and Shreveport city.	Dwelling unit--based on building permit data.	Unpublished; prepared annually and available upon request.
South Bend, Ind.....	.....	.....	.....	No estimates reported.
Spokane, Wash.....	Spokane City Plan Commission Room 309, City Hall Spokane, Washington 99201	Spokane city.....	Combination involving the use of building department records and natural increase. (Tested by factors such as the local economy, size of the labor force, housing market, family arrivals and departures, active electric and water meters, and changes in group housing populations.)	Annual estimate published by State Census Board.
	*Spokane County Planning Commission Spokane County Courthouse Spokane, Washington 99201	"Suburban areas" of Spokane County by census tract.	Dwelling unit--based on building permits, field checks, and aerial photos.	Unpublished; prepared at irregular intervals and available upon request.
Springfield-Chicopee-Holyoke, Mass.-Conn.	*Springfield City Planning Department City Hall Springfield, Massachusetts 01101	Springfield city by census tract.	Composite--based on annual enumeration by City Board of Election Commissioners of all persons 21 years and over.	Unpublished; prepared at irregular intervals and available upon request.
Syracuse, N.Y.....	*Syracuse Department of City Planning 211 East Water Street Syracuse, New York 13202	Syracuse city by age, sex, and color. Total population for other towns and villages within Onondaga County.	Methods used involve birth rates, death rates, and net migration. Coordination of population and occupied dwelling units within the city are made to determine household size and other characteristics.	Prepared and published at irregular intervals.
Tacoma, Wash.....	Tacoma City Planning Department 335 County-City Building Tacoma, Washington 98402	Tacoma city by census tract.	Dwelling unit--based on residential building activity.	Published annually in <u>Population Data, Tacoma, Washington</u> .
	Pierce County Planning Commission County-City Building Tacoma, Washington 98402	Unincorporated portion of Pierce County by census tract.	Dwelling unit--based on count of new units.	Unpublished; prepared annually and available upon request.
Tampa-St. Petersburg, Fla.	Hillsborough County Planning Commission Court House Tampa, Florida 33601	Tampa city by census tract. Plant city, Temple Terrace, and unincorporated area of county by census county division.	Dwelling unit--based on residential building permits and demolitions.	Prepared and published at irregular intervals.
	St. Petersburg City Planning Department Municipal Building St. Petersburg, Florida 33701	St. Petersburg city by census tract.	Dwelling unit--based on residential building permits.	Prepared annually and published in a separate release.

Table 2.--POPULATION ESTIMATES PREPARED BY LOCAL AGENCIES IN 100 LARGEST STANDARD METROPOLITAN STATISTICAL AREAS: SURVEY OF 1965--Continued
(Agencies reporting that they prepare population "projections" are noted by an asterisk (*). See table 4 for additional local agencies preparing projections)

Standard metropolitan statistical area	Name and address of agency preparing estimates	Areas and detail available	Method or types of data used	Source and frequency
Toledo, Ohio.....	.....	.....	.....	No estimates reported.
Trenton, N.J.....	.....	.....	.....	No estimates reported.
Tulsa, Okla.....	Tulsa Metropolitan Area Planning Commission 600 Kennedy Building Tulsa, Oklahoma 74103	Tulsa SMSA by county and Tulsa city.	Censal ratio--based on: 1. Dwelling unit data 2. Utility data 3. School enrollment 4. Postal stop data 5. Newspaper circulation.	Prepared annually in cooperation with the Population and Census Tract Committee of the Tulsa Chamber of Commerce, 616 South Boston, Tulsa, Oklahoma.
Utica-Rome, N.Y.....	*Herkimer-Oneida Counties Comprehensive Planning Program Oneida County Courthouse Utica, New York 13501	Herkimer and Oneida Counties by municipality.	Dwelling unit--based on actual count of housing units.	Estimates now in preparation; will be prepared annually.
Washington, D.C.-Md.-Va.	*National Capital Regional Planning Council 1701 Pennsylvania Avenue, N.W. Washington, D.C. 20576	Estimates prepared for District of Columbia and Loudoun County, Virginia; other areas in SMSA collected from local planning agencies.	Dwelling unit.....	Estimates provided by local planning agencies within entire metropolitan area are published annually in <u>Regional Planning Bulletin</u> .
	*Maryland-National Capital Park and Planning Commission 8787 Georgia Avenue Silver Spring, Maryland 20910	Montgomery and Prince Georges Counties, Maryland, by census tract.	Dwelling unit--based on annual tally of units by type, to which are applied conversion factors.	Published annually in a special <u>Information Bulletin</u> .
	*Comprehensive Planning Office County of Fairfax Fairfax, Virginia 22030	Fairfax County by town, magisterial district, and census tract.	Dwelling unit--based on building permit data and aerial photographs; checked by comparison with school census results.	Prepared monthly and published annually in <u>Population and Housing Analysis</u> .
	*Alexandria City Department of Planning and Urban Renewal City Hall Alexandria, Virginia 22300	Alexandria city by census tract.	Dwelling unit--based on data on units built and demolished, and separate estimates of household size for each type of structure.	Published semiannually in <u>Population and Dwelling Unit Estimates</u> .
	Arlington County Office of Planning Court House Arlington, Virginia 22201	Arlington County by census tract.	Dwelling unit--occupancy factors from 1960 Census applied to new units constructed.	Unpublished; prepared semi-annually and available upon request.
Wichita, Kans.....	.....	.....	.....	No estimates reported.
Wilkes Barre-Hazleton, Pa.	.....	.....	.....	No estimates reported.
Wilmington, Del.-N.J.-Md.	New Castle County Regional Planning Commission Box 165, Robert Kirkwood Highway Wilmington, Delaware 19899	New Castle County by census tract.	Estimates for 1965 based in part upon results of special school district surveys conducted by the Division of Urban Affairs at the University of Delaware.	Estimates now in preparation; will be revised annually and will be available upon request.
Worcester, Mass.....	.....	.....	.....	No estimates reported.
York, Pa.....	.....	.....	.....	No estimates reported.
Youngstown-Warren, Ohio.	*Youngstown City Planning Commission City Hall Youngstown, Ohio 44503	Youngstown city by census tract.	Dwelling unit--based on construction and demolition activity and annual vacancy survey conducted by the post office.	Unpublished; prepared at irregular intervals and available upon request.

Table 3.--STATE AGENCIES PREPARING POPULATION PROJECTIONS

(In addition to those indicated in table 1)

State	Name and address	State	Name and address
Alabama.....	State Planning and Industrial Development Board State Office Building Montgomery, Alabama 36104	Maryland--Continued	Department of Economic Development State Office Building Annapolis, Maryland 21401
Arkansas.....	Industrial Research and Extension Center College of Business Administration University of Arkansas Little Rock, Arkansas 72203	Michigan.....	Research and Statistics Division Employment Security Commission 7310 Woodward Avenue Detroit, Michigan 48202
Connecticut.....	Employment Security Division Labor Department Hartford, Connecticut 06115	Missouri.....	Department of Rural Sociology University of Missouri Columbia, Missouri 65202
	Department of Rural Sociology University of Connecticut Storrs, Connecticut 06268	Nebraska.....	Division of Employment Department of Labor Box 4600, State House Station Lincoln, Nebraska 68509
Delaware.....	Division of Urban Affairs University of Delaware Newark, Delaware 19711	New Jersey.....	Division of Employment Security Department of Labor and Industry John Fitch Plaza Trenton, New Jersey 08625
Georgia.....	Bureau of Business and Economic Research Graduate School of Business and Administration University of Georgia Athens, Georgia 30601	New York.....	Office for Regional Development Executive Chamber Albany, New York 12224
	Department of Industry and Trade Planning Division 100 State Capitol Atlanta, Georgia 30303	North Carolina.....	Division of Community Planning North Carolina Department of Conservation and Development Raleigh, North Carolina 27601
Idaho.....	Department of Commerce and Development State House Boise, Idaho 83702	Pennsylvania.....	Bureau of Economic and Business Research School of Business Administration Temple University Philadelphia, Pennsylvania 19122
Illinois.....	Bureau of Employment Security Department of Labor 165 North Canal Street, Room 200 Chicago, Illinois 60606	South Dakota.....	Business Research Bureau University of South Dakota Vermillion, South Dakota 57069
	Board of Economic Development 400 State Office Building Springfield, Illinois 62706	Tennessee.....	Department of Employment Security 519 Cordell Hull Building Nashville, Tennessee 37219
Indiana.....	Indiana State Employment Security Division 10 North Senate Avenue Indianapolis, Indiana 46204		Tennessee State Planning Commission C2-208 Central Services Building Nashville, Tennessee 37219
Iowa.....	Department of Economics and Sociology Iowa State University Ames, Iowa 50010	Utah.....	Agricultural Experiment Station Utah State University Logan, Utah 84321
Louisiana.....	Department of Public Works Baton Rouge, Louisiana 70801	Vermont.....	Central Planning Office 118 State Street Montpelier, Vermont 05602
	Department of Rural Sociology Louisiana State University Baton Rouge, Louisiana 70803	Virginia.....	Division of Industrial Development and Planning 1010 State Office Building Richmond, Virginia 23219
Maine.....	Research and Planning Division Department of Economic Development State House Augusta, Maine 04330	Wisconsin.....	Department of Resource Development State Capitol Madison, Wisconsin 53702
Maryland.....	State Planning Department State Office Building 301 West Preston Street Baltimore, Maryland 21201		

Table 4.--LOCAL AGENCIES PREPARING POPULATION PROJECTIONS

(In addition to those indicated in table 2)

Standard metropolitan statistical area	Name and address	Standard metropolitan statistical area	Name and address
Albany-Schenectady-Troy, N.Y.	Saratoga County Planning Board P.O. Box 199 46 West High Street Ballston Spa, New York 12020	Minneapolis-St. Paul, Minn.	City Planning Board 1315 City Hall and Court House Saint Paul, Minnesota 55102
Allentown-Bethlehem-Easton, Pa.-N.J.	Joint Planning Commission for Lehigh and Northampton Counties P.O. Box 2087 Lehigh Valley, Pennsylvania 18000	New Orleans, La.	City Planning Commission of New Orleans City Hall, Civic Center New Orleans, Louisiana 70112
Atlanta, Ga.	DeKalb County Department of Planning DeKalb Building Decatur, Georgia 30030	Orlando, Fla.	East Central Florida Regional Planning Council 2323 South Washington Avenue Titusville, Florida 32780
Baltimore, Md.	Baltimore Regional Planning Council 803 State Office Building 301 West Preston Street Baltimore, Maryland 21201	Philadelphia, Pa.-N.J.	Montgomery County Planning Commission Court House Norristown, Pennsylvania 19404
Boston, Mass.	Boston Regional Planning Project 11 Ashburton Place Boston, Massachusetts 02108	Pittsburgh, Pa.	Pittsburgh Department of City Planning 100 Ross Street, Fourth Floor Pittsburgh, Pennsylvania 15219
Bridgeport, Conn.	The Greater Bridgeport Regional Planning Agency 301 Professional Building White Plains Road Trumbull, Connecticut 06611		Beaver County Planning and Zoning Commission Court House Beaver, Pennsylvania 15009
Buffalo, N.Y.	Buffalo City Division of Planning 203 City Hall Buffalo, New York 14202		Washington County Planning Commission 1 South College Street Washington, Pennsylvania 15301
Chicago, Ill.	Kane County Planning Department Court House Geneva, Illinois 60134		Southwestern Pennsylvania Regional Planning Commission 200 Ross Street Pittsburgh, Pennsylvania 15219 (Prepared by Pittsburgh Regional Planning Association)
Cincinnati, Ohio-Ky.-Ind.	Cincinnati City Planning Commission Room 222, City Hall Cincinnati, Ohio 45202	Portland, Oreg.-Wash.	Portland Metropolitan Planning Commission 424 S. W. Main Street Portland, Oregon 97204
Detroit, Mich.	Oakland County Planning Commission 1 Lafayette Street Pontiac, Michigan 48053	Reading, Pa.	Berks County Planning Commission Court House Reading, Pennsylvania 19601
	Research Division City Plan Commission 8th Floor, City-County Building 2 Woodward Avenue Detroit, Michigan 48226	Rochester, N.Y.	Bureau of Planning Rochester City Planning Commission 340 City Public Safety Building Rochester, New York 14616
Duluth-Superior, Minn.-Wis.	Duluth City Planning Commission 209 City Hall Duluth, Minnesota 55802	St. Louis, Mo.-Ill.	Southwestern Illinois Metropolitan Area Planning Commission 1800 St. Louis Road Collinsville, Illinois 62234
Fresno, Calif.	Fresno City Department of Planning and Inspection City Hall, 2326 Fresno Street Fresno, California 93721	Springfield-Chicopee-Holyoke, Mass.-Conn.	Lower Pioneer Valley Planning Commission 31 Elm Street Springfield, Massachusetts 01103
Gary-Hammond-East Chicago, Ind.	Lake County Plan Commission 100 East Joliet Street Crown Point, Indiana 46307	Syracuse, N.Y.	Onondaga County Department of Planning County Office Building Syracuse, New York 13202
	Gary Plan Commission Municipal Building Gary, Indiana 46407	Toledo, Ohio-Mich.	Toledo-Lucas County Plan Commission 445 Huron Street Toledo, Ohio 43604
Grand Rapids, Mich.	Grand Rapids City Planning Commission 401 City Hall Grand Rapids, Michigan 49502	Wichita, Kans.	Wichita-Sedgwick County Metropolitan Area Planning Department City Building Annex 104 South Main Street Wichita, Kansas 67202
Johnstown, Pa.	Regional Planning Commission of the Johnstown Area 221 Central Avenue Johnstown, Pennsylvania 15902	Wilkes-Barre-Hazleton, Pa.	Luzerne County Planning Commission Franklin Federal Building 44 West Market Street Wilkes-Barre, Pennsylvania 18701
Memphis, Tenn.-Ark.	Memphis and Shelby County Planning Commission 161 Adams Avenue Memphis, Tennessee 38103	Worcester, Mass.	City of Worcester Planning Department Worcester, Massachusetts 01601
		York, Pa.	York County Planning Commission 1320 West Market Street York, Pennsylvania 17404

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APPENDIX

COPY OF LETTER CIRCULARIZED TO STATE AND LOCAL AGENCIES

The Bureau of the Census is now in the process of updating its inventory of population estimates prepared by State and local agencies. This inventory has proved to be very useful in bringing to the attention of consumers the appropriate sources of such data. The summary of the most recent survey is given in the enclosed Current Population Reports, Series P-25, No. 244. In order to classify and tally the varied responses, appropriately, we should appreciate as complete replies to the questions below as you can give us. (If your agency does not prepare population estimates, we should appreciate your indicating this to us and supplying us with the name of the agency that does prepare such estimates. Please feel free also to forward this letter to the appropriate agency.)

1. What is the name and address of the agency preparing population estimates? What is the name of the specific individual to be contacted?
2. What are the geographic areas covered, such as counties, cities, and census tracts?
3. In what detail are the figures available--that is, total population only, or by age, sex, color, etc.?
4. What method or methods are used? Can you provide a description of the methods, including the kinds of symptomatic data and the particular way in which they are used? Is net migration measured separately, or are the various data used to measure total population directly?
5. Have you conducted any tests of accuracy of your past estimates or of the methods you use to prepare current estimates? Are the results published or otherwise available? (If yes, may we receive a copy?)
6. How often are estimates prepared, and how frequently are they published? In what publication do they appear? (May we receive a copy of the latest report or the latest set of estimates?)
7. If estimates are not published regularly, are they available to the public upon request?
8. Are the estimates prepared and used for any specific legislative purpose, such as the distribution of tax money?
9. Has your agency prepared intercensal estimates for the 1950-60 period tied in with both the 1950 and 1960 Census of Population? Have they been published? (If yes, may we receive a copy of the report?)

In addition to population estimates, there has been much interest expressed in the availability of population projections for States and local areas. In our terminology here, population projections refer to estimates of future population for 5, 10, 15 years, etc. ahead. At this time, we are mainly interested in whether your agency or some other State or local organization in the State has prepared population projections within the last five years (since the April 1, 1960 Decennial Census) and if so, may we receive a copy of the report?

Your cooperation in providing us with this information will be greatly appreciated.