



U.S. Department of Commerce
BUREAU OF THE CENSUS

Series P-25, No. 790
Issued December 1978

Population Estimates and Projections

Estimates of the Population of States: July 1, 1977 and 1978 (Advance Report)

This report presents revised estimates of the resident and civilian population of States for July 1, 1977, and provisional estimates for July 1, 1978. The 1977 estimates supersede provisional 1977 numbers published in **Current Population Reports**, Series P-25, No. 727. This previous report shows estimates for July 1, 1970 to 1976 consistent with the numbers presented here.

The revised population estimates for 1977 were developed by (1) averaging the results of three independent methods to estimate the household population under age 65, (2) using a population change measure based upon Medicare statistics to estimate the population 65 years of age and over, (3) using Department of Defense statistics to estimate the change in the military barracks population, and (4) adding an estimate of the population of other types of group quarters on the estimate date. The three methods are:

1. **Component Method II**¹ which employs: (1) vital statistics to measure natural change and, (2) elementary school enrollment data and expected survivors to this age group as a basis for estimating net migration of the household population.

2. **The Ratio-Correlation Method**¹ in which a multiple correlation estimating equation is applied to the changes in the distribution of three separate series of State data to estimate changes in the distribution of the individual State populations. The three series used are (a) elementary school enrollment, (b) Federal income tax returns, and (c) a work force series comprising the sum of (1) the annual average number of nonagricultural wage and salary workers, (2) the number of unemployed, and (3) the number of agricultural workers.

¹ A detailed discussion of these two methods and their use in both the provisional and revised estimates is contained in **Current Population Reports**, Series P-25, No. 640.

3. **The Administrative Records Method**² which relies upon the same vital statistics as Component Method II to measure natural change, but utilizes the address information reported on Federal income tax returns to measure interstate migration of the household population. Immigration from abroad to the individual States is estimated separately from data on intended State of residence of aliens as published in the annual reports of the Immigration and Naturalization Service.

The complete methodology used in making the 1977 revised State population estimates is not utilized for 1978 estimates because not all of the required data input are available. Consequently, the preliminary 1978 estimates were obtained by adding the average change between 1977 and 1978 as measured by Component Method II and a two-variable ratio-correlation estimate (elementary school enrollment and work force) to the revised 1977 State estimate.

Because of the limitations of the estimation system and the preliminary nature of the 1978 estimates, annual changes in population are subject to relatively larger errors than estimated changes since 1970. Small changes, particularly small changes in the direction of population change, should be interpreted with these limitations in mind. These estimates will be contained in a full report to be published in **Current Population Reports**, Series P-25, which will show components of population change for the period and some discussion of recent growth patterns.

The populations presented in the table have been rounded to the nearest thousand without being adjusted to group totals, which are independently rounded. Percentages are based on unrounded numbers.

² See **Current Population Reports**, Series P-25, Nos. 649 through 698 for a discussion and evaluation of the method.

Table 1. Estimates of the Population of States: July 1, 1977 and 1978

(Numbers in thousands. Resident population includes estimated Armed Forces personnel residing in each State)

Region, division, and State	Resident population					Civilian population				
	July 1, 1978 (provisional)	July 1, 1977	April 1, 1970 (census) ¹	Change, 1970 to 1978		July 1, 1978 (provisional)	July 1, 1977	April 1, 1970 ¹	Change, 1970 to 1978	
				Number	Percent				Number	Percent
United States.....	218,059	216,383	203,302	14,757	7.3	216,405	214,729	201,131	15,274	7.6
REGIONS:										
Northeast.....	49,081	49,305	49,061	21	-	48,972	49,195	48,857	114	0.2
North Central.....	58,251	57,969	56,590	1,661	2.9	58,090	57,809	56,379	1,711	3.0
South.....	70,626	69,793	62,813	7,814	12.4	69,778	68,944	61,736	8,042	13.0
West.....	40,100	39,317	34,838	5,262	15.1	39,566	38,782	34,159	5,407	15.8
NORTHEAST:										
New England.....	12,256	12,238	11,847	409	3.5	12,211	12,193	11,750	461	3.9
Middle Atlantic.....	36,825	37,066	37,213	-388	-1.0	36,761	37,002	37,107	-346	-0.9
NORTH CENTRAL:										
East North Central.....	41,233	41,066	40,263	970	2.4	41,157	40,991	40,162	996	2.5
West North Central.....	17,018	16,903	16,328	691	4.2	16,933	16,818	16,217	716	4.4
SOUTH:										
South Atlantic.....	34,579	34,251	30,679	3,900	12.7	34,054	33,726	29,995	4,059	13.5
East South Central.....	14,001	13,836	12,808	1,193	9.3	13,898	13,733	12,678	1,219	9.6
West South Central.....	22,046	21,705	19,326	2,720	14.1	21,827	21,485	19,063	2,764	14.5
WEST:										
Mountain.....	10,289	10,060	8,290	2,000	24.1	10,171	9,942	8,167	2,004	24.5
Pacific.....	29,811	29,257	26,548	3,262	12.3	29,395	28,840	25,992	3,403	13.1
NEW ENGLAND:										
Maine.....	1,091	1,084	994	98	9.8	1,081	1,074	982	99	10.1
New Hampshire.....	871	850	738	133	18.1	867	846	734	133	18.2
Vermont.....	487	482	445	42	9.5	487	482	445	42	9.5
Massachusetts.....	5,774	5,777	5,689	85	1.5	5,762	5,765	5,658	103	1.8
Rhode Island.....	935	937	950	-15	-1.6	930	933	915	15	1.7
Connecticut.....	3,099	3,107	3,032	66	2.2	3,084	3,093	3,016	68	2.2
MIDDLE ATLANTIC:										
New York.....	17,748	17,932	18,241	-493	-2.7	17,722	17,906	18,210	-488	-2.7
New Jersey.....	7,327	7,338	7,171	156	2.2	7,299	7,309	7,112	186	2.6
Pennsylvania.....	11,750	11,796	11,801	-51	-0.4	11,740	11,786	11,785	-45	-0.4
EAST NORTH CENTRAL:										
Ohio.....	10,749	10,696	10,657	91	0.9	10,736	10,684	10,638	99	0.9
Indiana.....	5,374	5,350	5,195	179	3.4	5,366	5,342	5,187	179	3.4
Illinois.....	11,243	11,228	11,110	132	1.2	11,203	11,188	11,055	148	1.3
Michigan.....	9,189	9,148	8,882	307	3.5	9,175	9,135	8,866	309	3.5
Wisconsin.....	4,679	4,644	4,418	261	5.9	4,677	4,642	4,416	261	5.9
WEST NORTH CENTRAL:										
Minnesota.....	4,008	3,980	3,806	202	5.3	4,005	3,978	3,801	204	5.4
Iowa.....	2,896	2,888	2,825	70	2.5	2,895	2,887	2,825	70	2.5
Missouri.....	4,860	4,822	4,678	182	3.9	4,836	4,798	4,639	197	4.2
North Dakota.....	652	650	618	34	5.5	640	638	606	34	5.6
South Dakota.....	690	688	666	23	3.5	684	682	661	23	3.5
Nebraska.....	1,565	1,555	1,485	80	5.4	1,553	1,543	1,473	80	5.4
Kansas.....	2,348	2,320	2,249	99	4.4	2,320	2,292	2,212	108	4.9
SOUTH ATLANTIC:										
Delaware.....	583	582	548	34	6.3	578	577	542	36	6.6
Maryland.....	4,143	4,137	3,924	219	5.6	4,099	4,094	3,850	249	6.5
District of Columbia.....	674	685	757	-83	-11.0	666	677	746	-80	-10.7
Virginia.....	5,148	5,095	4,651	497	10.7	4,999	4,946	4,458	541	12.1
West Virginia.....	1,860	1,853	1,744	115	6.6	1,859	1,844	1,744	115	6.6
North Carolina.....	5,577	5,515	5,084	493	9.7	5,481	5,419	4,960	521	10.5
South Carolina.....	2,918	2,878	2,591	327	12.6	2,848	2,808	2,513	335	13.3
Georgia.....	5,084	5,041	4,588	496	10.8	5,024	4,981	4,497	527	11.7
Florida.....	8,594	8,466	6,791	1,803	26.5	8,499	8,371	6,685	1,814	27.1
EAST SOUTH CENTRAL:										
Kentucky.....	3,498	3,468	3,221	278	8.6	3,462	3,431	3,172	290	9.1
Tennessee.....	4,357	4,292	3,926	431	11.0	4,336	4,270	3,900	435	11.2
Alabama.....	3,742	3,691	3,444	298	8.6	3,718	3,667	3,410	307	9.0
Mississippi.....	2,404	2,386	2,217	187	8.4	2,382	2,365	2,196	187	8.5
WEST SOUTH CENTRAL:										
Arkansas.....	2,186	2,152	1,923	263	13.6	2,176	2,142	1,915	261	13.6
Louisiana.....	3,966	3,930	3,645	322	8.8	3,937	3,901	3,603	335	9.3
Oklahoma.....	2,880	2,817	2,559	321	12.5	2,849	2,786	2,522	328	13.0
Texas.....	13,014	12,806	11,199	1,815	16.2	12,864	12,656	11,024	1,840	16.7
MOUNTAIN:										
Montana.....	785	766	694	90	13.0	779	760	688	91	13.2
Idaho.....	878	856	713	165	23.1	872	850	708	163	23.1
Wyoming.....	424	406	332	91	27.4	419	402	329	90	27.5
Colorado.....	2,670	2,625	2,210	461	20.9	2,625	2,580	2,159	466	21.6
New Mexico.....	1,212	1,196	1,017	195	19.2	1,196	1,180	1,000	196	19.6
Arizona.....	2,354	2,305	1,775	578	32.6	2,328	2,279	1,747	581	33.2
Utah.....	1,307	1,270	1,059	248	23.4	1,302	1,265	1,056	247	23.4
Nevada.....	660	637	489	171	35.0	650	627	479	171	35.6
PACIFIC:										
Washington.....	3,774	3,681	3,413	360	10.6	3,721	3,628	3,342	379	11.3
Oregon.....	2,444	2,385	2,092	352	16.8	2,441	2,382	2,088	353	16.9
California.....	22,294	21,887	19,971	2,323	11.6	22,015	21,608	19,577	2,438	12.5
Alaska.....	403	413	303	100	33.1	377	387	270	107	39.7
Hawaii.....	897	891	770	127	16.5	840	835	715	125	17.5

- Represents zero or rounds to zero.

¹Includes officially recognized changes to census counts through September 1978. The "official" 1970 census counts used in apportionment are shown in 1970 Census of Population, Volume 1, Characteristics of the Population, Part A, Number of Inhabitants, p. VIII.