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# Population Estimates and Projections

## Estimates of the Population of States: July 1, 1978 and 1979 (Advance Report)

This report presents revised estimates of the resident and civilian population of States for July 1, 1978, and provisional estimates for July 1, 1979. The 1978 estimates supersede provisional 1978 numbers published in **Current Population Reports**, Series P-25, No. 799. State estimates for July 1, 1977 are shown in Report 799, and estimates for 1970 through 1976 are shown in Report 727.

The revised population estimates for 1978 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**<sup>1</sup> which employs: vital statistics to measure natural change, and 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**<sup>1</sup> 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: elementary school enrollment, Federal income tax returns, and a work force series comprising the sum of the annual average number nonagricultural wage and salary workers plus the number of unemployed and the number of agricultural workers.

<sup>1</sup> 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**<sup>2</sup> 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 1978 revised State population estimates is not utilized for 1979 estimates because not all of the required data input are available. Consequently, the preliminary 1979 estimates were obtained by adding the average change between 1978 and 1979 as measured by Component Method II and a two-variable ratio-correlation estimate (elementary school enrollment and work force) to the revised 1978 State estimate.

Because of the limitations of the estimation system and the preliminary nature of the 1979 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 an updated time series for 1970 to 1979, 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.

<sup>2</sup> 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, 1978 and 1979

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

Region, division, and State	Resident population					Civilian population				
	July 1, 1979 (provisional)	July 1, 1978	April 1, 1970 (census) <sup>1</sup>	Change, 1970-79		July 1, 1979 (provisional)	July 1, 1978	April 1, 1970 <sup>1</sup>	Change, 1970-79	
				Number	Percent				Number	Percent
United States, total..	220,099	218,228	203,302	16,797	8.3	218,497	216,600	201,131	17,367	8.6
Regions:										
Northeast.....	49,004	49,092	49,061	-56	-0.1	48,896	48,986	48,857	39	0.1
North Central.....	58,408	58,257	56,590	1,818	3.2	58,265	58,109	56,379	1,885	3.3
South.....	71,543	70,644	62,813	8,730	13.9	70,708	69,799	61,736	8,972	14.5
West.....	41,143	40,235	34,838	6,305	18.1	40,629	39,706	34,159	6,470	18.9
Northeast:										
New England.....	12,291	12,267	11,847	444	3.7	12,244	12,221	11,750	494	4.2
Middle Atlantic.....	36,713	36,825	37,213	-500	-1.3	36,652	36,764	37,107	-455	-1.2
North Central:										
East North Central.....	41,289	41,220	40,263	1,026	2.5	41,223	41,152	40,162	1,061	2.6
West North Central.....	17,119	17,036	16,328	792	4.8	17,042	16,957	16,217	824	5.1
South:										
South Atlantic.....	34,977	34,648	30,679	4,298	14.0	34,452	34,118	29,995	4,457	14.9
East South Central.....	14,082	13,951	12,808	1,274	10.0	13,983	13,851	12,678	1,305	10.3
West South Central.....	22,483	22,046	19,326	3,157	16.3	22,273	21,830	19,063	3,211	16.8
West:										
Mountain.....	10,673	10,364	8,290	2,384	28.8	10,560	10,246	8,167	2,393	29.3
Pacific.....	30,470	29,871	26,548	3,922	14.8	30,069	29,460	25,992	4,077	15.7
New England:										
Maine.....	1,097	1,092	994	103	10.4	1,087	1,081	982	105	10.7
New Hampshire.....	887	869	738	149	20.2	883	865	734	149	20.3
Vermont.....	493	487	445	49	10.9	493	487	445	49	10.9
Massachusetts.....	5,769	5,771	5,689	80	1.4	5,756	5,758	5,658	97	1.7
Rhode Island.....	929	932	950	-20	-2.1	924	928	915	9	1.0
Connecticut.....	3,115	3,116	3,032	83	2.7	3,101	3,101	3,016	85	2.8
Middle Atlantic:										
New York.....	17,649	17,746	18,241	-592	-3.2	17,624	17,720	18,210	-586	-3.2
New Jersey.....	7,332	7,315	7,171	161	2.2	7,306	7,291	7,112	194	2.7
Pennsylvania.....	11,731	11,763	11,801	-70	-0.6	11,722	11,753	11,785	-63	-0.5
East North Central:										
Ohio.....	10,731	10,732	10,657	74	0.7	10,719	10,720	10,638	81	0.8
Indiana.....	5,400	5,386	5,195	205	3.9	5,395	5,381	5,187	207	4.0
Illinois.....	11,230	11,238	11,110	119	1.1	11,193	11,201	11,055	139	1.3
Michigan.....	9,208	9,181	8,882	326	3.7	9,197	9,170	8,866	331	3.7
Wisconsin.....	4,720	4,683	4,418	302	6.8	4,719	4,681	4,416	303	6.9
West North Central:										
Minnesota.....	4,060	4,024	3,806	254	6.7	4,058	4,021	3,801	256	6.7
Iowa.....	2,903	2,906	2,825	77	2.7	2,902	2,905	2,825	77	2.7
Missouri.....	4,868	4,847	4,678	190	4.1	4,848	4,827	4,639	209	4.5
North Dakota.....	657	653	618	39	6.3	646	641	606	40	6.6
South Dakota.....	689	690	666	23	3.4	683	684	661	22	3.3
Nebraska.....	1,574	1,569	1,485	89	6.0	1,562	1,557	1,473	89	6.0
Kansas.....	2,369	2,347	2,249	120	5.3	2,344	2,322	2,212	131	5.9
South Atlantic:										
Delaware.....	582	584	548	34	6.2	577	578	542	35	6.5
Maryland.....	4,149	4,148	3,924	225	5.7	4,107	4,105	3,850	256	6.7
District of Columbia.....	656	671	757	-101	-13.4	648	663	746	-98	-13.1
Virginia <sup>2</sup> .....	5,197	5,177	4,651	545	11.7	5,046	5,023	4,458	588	13.2
West Virginia.....	1,878	1,861	1,744	134	7.7	1,877	1,860	1,744	133	7.7
North Carolina.....	5,606	5,571	5,084	522	10.3	5,511	5,472	4,960	551	11.1
South Carolina.....	2,932	2,902	2,591	342	13.2	2,866	2,836	2,513	353	14.0
Georgia.....	5,118	5,075	4,588	530	11.5	5,055	5,015	4,497	558	12.4
Florida.....	8,860	8,661	6,791	2,069	30.5	8,765	8,565	6,685	2,080	31.1
East South Central:										
Kentucky.....	3,527	3,490	3,221	306	9.5	3,492	3,455	3,172	320	10.1
Tennessee.....	4,380	4,333	3,926	454	11.6	4,359	4,311	3,900	459	11.8
Alabama.....	3,769	3,728	3,444	325	9.4	3,746	3,705	3,410	336	9.8
Mississippi <sup>2</sup> .....	2,406	2,400	2,217	189	8.5	2,386	2,379	2,196	190	8.7
West South Central:										
Arkansas.....	2,180	2,167	1,923	257	13.4	2,170	2,157	1,915	256	13.4
Louisiana <sup>2</sup> .....	4,026	3,986	3,645	382	10.5	3,995	3,954	3,603	393	10.9
Oklahoma.....	2,892	2,842	2,559	332	13.0	2,862	2,814	2,522	340	13.5
Texas.....	13,385	13,050	11,199	2,186	19.5	13,246	12,905	11,024	2,222	20.2
Mountain:										
Montana.....	786	780	694	92	13.2	781	775	688	93	13.4
Idaho.....	905	882	713	192	26.9	899	876	708	191	26.9
Wyoming.....	450	425	332	117	35.3	446	421	329	117	35.6
Colorado.....	2,772	2,706	2,210	563	25.5	2,731	2,662	2,159	572	26.5
New Mexico.....	1,241	1,215	1,017	224	22.1	1,225	1,198	1,004	226	22.6
Arizona.....	2,450	2,373	1,775	675	38.0	2,424	2,346	1,747	677	38.7
Utah.....	1,367	1,316	1,059	308	29.0	1,361	1,311	1,056	306	29.0
Nevada.....	702	666	489	213	43.6	693	657	479	213	44.5
Pacific:										
Washington.....	3,926	3,793	3,413	513	15.0	3,876	3,741	3,342	534	16.0
Oregon.....	2,527	2,452	2,092	436	20.8	2,524	2,448	2,088	436	20.9
California.....	22,696	22,314	19,971	2,725	13.6	22,428	22,040	19,577	2,852	14.6
Alaska.....	406	411	303	104	34.3	383	387	270	113	41.7
Hawaii.....	915	902	770	145	18.8	857	844	715	142	19.9

- Represents zero or rounds to zero.

<sup>1</sup>Includes officially recognized changes to census counts through September 1979. 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.<sup>2</sup>As a result of a late data change for Mississippi, the estimates shown here for that State may be revised upward by about 10,000 for 1978 and 20,000 for 1979. Other data revisions in Louisiana and Virginia may result in declines in those two States.