



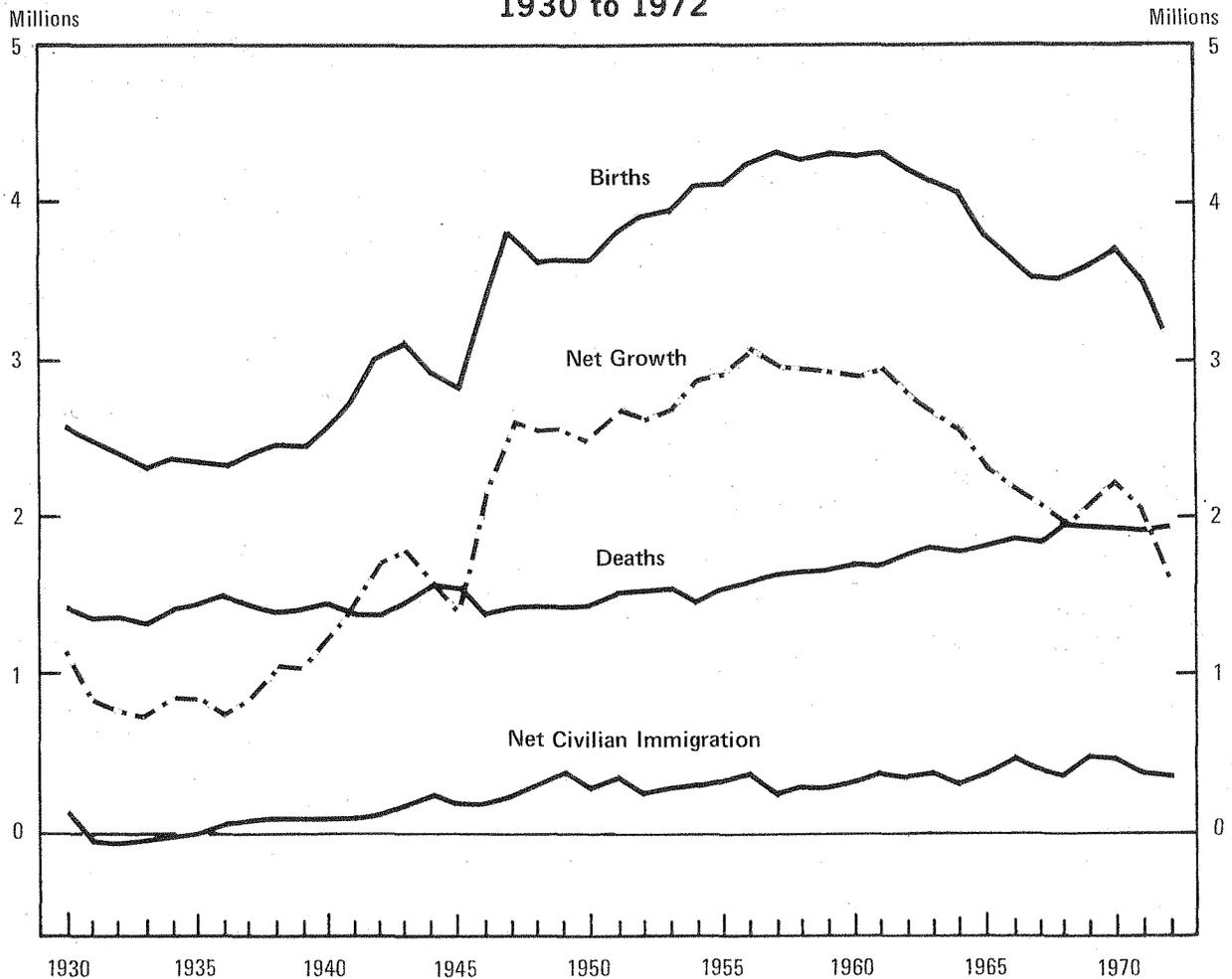
Population Estimates and Projections

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ESTIMATES OF THE POPULATION OF THE UNITED STATES AND COMPONENTS OF CHANGE: 1972 (With annual data from 1930)

Figure 1. Annual Levels of Net Growth, Births, Deaths, and Net Immigration:
1930 to 1972



Source: Table 1 and appendix B-1.

CONTENTS

	Page
Trends in population growth	1
Coverage of population	4
Methods and sources of data	6

TEXT TABLES

Table

A. Annual rates of net growth, births, deaths, and net immigration: 1930 to 1972	1
B. Annual estimates of the general fertility rate: 1930 to 1972	2
C. Components of population change, by type of population: 1950 to 1960, 1960 to 1970, and 1970 to 1973.	3
D. Estimates of the population by type, at semiannual intervals: 1960 to 1973.	5

CHARTS

Figure

1. Annual levels of net growth, births, deaths, and net immigration: 1930 to 1972	cover
2. Annual birth rate and general fertility rate: 1930 to 1972	4

DETAILED TABLES

Table

1. Estimates of the components of population change for the United States including Armed Forces overseas, by calendar year and fiscal year periods: 1940 to 1972.	9
2. Estimates of the components of population change for the United States including Armed Forces overseas, by semiannual periods: 1950 to 1972.	10
3. Annual estimates of the population of the United States, by type of population: April 1, 1940 to April 1, 1970	11
4. Annual estimates of the population of conterminous United States, by type of population: July 1, 1900 to 1939.	11
5. Monthly estimates of the population of the United States, by type of population: January 1, 1960 to 1973.	12

APPENDIXES

	Page
A. Methods and sources of data, 1930 to 1939	14
B. Estimates of the components of population change for the United States: 1930 to 1939	15

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ESTIMATES OF THE POPULATION OF THE UNITED STATES AND COMPONENTS OF CHANGE: 1972 (With annual data from 1930)

(This report supersedes Current Population Reports, Series P-25, No. 481. Estimates are consistent with the official 1970 resident population count of 203,235,298. The 1960 to 1970 intercensal estimates are provisional and will be revised when final estimates of the components of change for the intercensal period become available)

TRENDS IN POPULATION GROWTH

On January 1, 1973, the total population of the United States including Armed Forces overseas was estimated to be 209,717,000, an increase of 1,628,000 over the corresponding figure for January 1, 1972. The numerical increase was the lowest since 1945. The growth rate in

1972 was 7.8 per 1,000 midyear population, less than half the highest post-Second World War growth rate of 18.1 registered in 1956 and the lowest since 1937 when the estimated growth rate was 6.7 (table A).

During 1972, there were an estimated 3,256,000 births, more than one million under the 1957 peak

Table A. ANNUAL RATES OF NET GROWTH, BIRTHS, DEATHS, AND NET IMMIGRATION: 1930 TO 1972

(Rate per 1,000 midyear population including Alaska, Hawaii, and Armed Forces overseas)

Year	Net growth rate ¹	Rate of natural increase	Birth rate ²	Death rate	Net civilian immigration rate	Year	Net growth rate ¹	Rate of natural increase	Birth rate ²	Death rate	Net civilian immigration rate
1972.....	7.8	6.2	15.6	9.4	1.6	1950.....	16.3	14.3	23.9	9.6	2.0
1971.....	9.7	7.9	17.2	9.3	1.9	1949.....	17.1	14.8	24.5	9.7	2.2
1970.....	10.9	8.8	18.2	9.4	2.1	1948.....	17.2	15.0	24.8	9.9	1.9
1969.....	10.3	8.2	17.8	9.5	2.2	1947.....	18.3	16.4	26.5	10.1	1.6
1968.....	9.7	7.9	17.6	9.7	2.0	1946.....	15.3	14.2	24.1	9.9	1.1
1967.....	10.4	8.5	17.9	9.4	2.1	1945.....	10.4	9.4	20.5	11.0	1.2
1966.....	11.2	9.0	18.5	9.5	2.3	1944.....	11.5	9.9	21.3	11.4	1.5
1965.....	11.9	10.1	19.6	9.4	1.9	1943.....	13.1	11.8	22.7	10.9	1.1
1964.....	13.3	11.8	21.2	9.4	1.7	1942.....	12.7	11.8	22.2	10.4	0.6
1963.....	14.0	12.3	21.9	9.6	1.9	1941.....	10.3	9.7	20.3	10.6	0.4
1962.....	14.9	13.2	22.6	9.4	1.9	1940.....	9.2	8.6	19.4	10.8	0.6
1961.....	16.1	14.2	23.5	9.3	2.0						
1960.....	16.1	14.4	23.8	9.5	1.8	1939 ³	7.9	8.0	18.8	10.8	0.4
1959.....	16.5	14.9	24.3	9.4	1.6	1938 ³	8.2	8.4	19.2	10.9	0.4
1958.....	16.7	15.0	24.5	9.5	1.7	1937 ³	6.7	7.2	18.7	11.5	0.3
1957.....	17.2	15.7	25.2	9.5	1.6	1938 ³	5.9	6.6	18.4	11.8	0.1
1956.....	18.1	15.8	25.1	9.3	2.3	1935 ³	6.7	7.5	18.7	11.2	(Z)
1955.....	17.6	15.6	24.9	9.3	2.0	1934 ³	6.8	7.7	19.0	11.3	-0.1
1954.....	17.8	16.0	25.2	9.1	1.8	1933 ³	6.1	7.5	18.4	10.9	-0.3
1953.....	17.0	15.3	24.9	9.6	1.6	1932 ³	6.2	8.5	19.5	11.1	-0.5
1952.....	16.9	15.4	25.0	9.6	1.5	1931 ³	7.0	9.0	20.2	11.2	-0.1
1951.....	17.4	15.1	24.8	9.7	2.2	1930 ³	9.4	9.7	21.3	11.5	0.9

Z Rounds to 0.0.

¹Net growth rate includes "error of closure" between censuses. See Methods and Sources of Data and appendix A.

²Births adjusted for underregistration through March 1970.

³Excluding Alaska, Hawaii, and Armed Forces overseas. For a discussion of these revised estimates, see appendix A.

of 4,332,000, and the lowest number since 1945. The crude birth rate (births per 1,000 population) of 15.6 and the general fertility rate (births per 1,000 women 15 to 44 years old) of 73.4 in 1972 were the lowest in American history (table B). The total fertility rate dropped below "replacement level" to about 2,025, which also is the lowest level in American history.¹

Table B. ANNUAL ESTIMATES OF THE GENERAL FERTILITY RATE: 1930 TO 1972

(Number of births per 1,000 women 15 to 44 years of age. Includes Alaska and Hawaii from 1950 to date)

Calendar year	General fertility rate ¹	Calendar year	General fertility rate ¹
1972.....	73.4	1950.....	106.1
1971.....	81.9	1949.....	107.1
1970.....	87.4	1948.....	107.3
		1947.....	113.3
1969.....	86.2	1946.....	101.9
1968.....	86.0	1945.....	85.9
1967.....	88.0	1944.....	88.8
1966.....	91.7	1943.....	94.3
1965.....	97.3	1942.....	91.5
1964.....	105.8	1941.....	83.4
1963.....	109.4	1940.....	79.9
1962.....	113.2		
1961.....	118.5		
1960.....	119.1	1939.....	77.6
1959.....	120.2	1938.....	79.1
1958.....	120.2	1937.....	77.1
1957.....	123.0	1936.....	75.8
1956.....	121.4	1935.....	77.2
1955.....	118.7	1934.....	78.5
1954.....	118.3	1933.....	76.3
1953.....	115.3	1932.....	81.7
1952.....	114.0	1931.....	84.6
1951.....	111.7	1930.....	89.2

¹Births adjusted for underregistration through March 1970.

¹The total fertility rate is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified calendar year. Replacement level fertility, which is about 2,100, is the level of fertility required for women to replace themselves in the following generation and would eventually lead to a cessation of population growth in the absence of net immigration. For a more detailed discussion, see Current Population Reports, Series P-25, No. 493, "Projections of the Population of the United States, by Age and Sex: 1972 to 2020."

There were an estimated 1,964,000 deaths in 1972, or 9.4 per 1,000 midyear population. The number has increased during the past two decades as the effects of increasing population and the increasing proportion of the population at older ages have more than offset declines in age-specific mortality rates, which have been more pronounced among females than among males.² Since 1949, the crude death rate has fluctuated in the 9.1 to 9.7 range (table A).

Of the 1,628,000 population increase in 1972, an estimated 338,000 was due to net civilian immigration. While this figure is the lowest since 1964, the decline may well be temporary. In fiscal year 1971-1972, the last year for which firm immigration data are available, net civilian immigration was 343,000 in comparison to the peak figure of 505,000 in 1969-1970 fiscal year. The estimated net movement of citizens between the United States and Puerto Rico and the net migration of citizens affiliated with the Federal government (civilian employees, their dependents and dependents of military personnel) have accounted for most of the fluctuations in the estimates of net civilian immigration during the past few years. Alien immigration, the major component of net civilian immigration, increased slightly during the period.

The total population including Armed Forces overseas increased by 24.3 million between April 1, 1960 and April 1, 1970 (table C). This population growth was greater than for any previous decade except the 1950 to 1960 period when the population grew by 28.3 million. The average annual rate of population growth dropped from 1.71 percent in the 1950's to 1.26 in the 1960's. The decline in fertility throughout the 1960's resulted in 1.9 million fewer births in the past decade than during the previous 10 years despite a substantial increase in the number of women in the childbearing ages. The total number of births declined from 40,963,000 during the 1950's to 39,033,000 during 1960's (table C). Net civilian immigration between April 1, 1960 and April 1, 1970 was 3,887,000 compared to 2,975,000 between 1950 and 1960 (table C). Much of the increase in immigration during the 1960's was due to increased immigration after 1965.

²National Center for Health Statistics, Monthly Vital Statistics Report, Provisional Statistics, Annual Summary for the United States, 1971, table 5.

Table C. COMPONENTS OF POPULATION CHANGE, BY TYPE OF POPULATION: 1950 TO 1960, 1960 TO 1970, AND 1970 TO 1973

(Numbers in thousands. Includes Alaska and Hawaii in all periods)

Type of population and component of change	April 1, 1970, to Jan. 1, 1973	April 1, 1960, to April 1, 1970	April 1, 1950, to April 1, 1960	Average annual change per 100 of midperiod population		
				April 1, 1970, to Jan. 1, 1973	April 1, 1960, to April 1, 1970	April 1, 1950, to April 1, 1960
TOTAL POPULATION INCLUDING ARMED FORCES OVERSEAS						
Population at beginning of period..	204,335	180,007	151,718	(X)	(X)	(X)
Net change during period.....	5,382	24,328	28,289	0.94	1.26	1.71
Births ¹	9,657	39,033	40,963	1.69	2.02	2.48
Total deaths ²	5,305	18,263	15,653	0.93	0.94	0.95
Net civilian immigration.....	1,041	3,887	2,975	0.18	0.20	0.18
Inductions less discharges overseas.....	-11	11	8	(Z)	(Z)	(Z)
Error of closure ³	(X)	-341	-3	(X)	-0.02	(Z)
Population at end of period.....	209,717	204,335	180,007	(X)	(X)	(X)
RESIDENT POPULATION						
Population at beginning of period..	⁴ 203,235	⁴ 179,323	⁴ 151,326	(X)	(X)	(X)
Net change during period.....	5,888	23,912	27,997	1.04	1.24	1.70
Births ¹	9,657	39,033	40,963	1.70	2.02	2.49
Resident deaths ²	5,296	18,208	15,608	0.93	0.94	0.95
Net civilian immigration.....	1,041	3,887	2,975	0.18	0.20	0.18
Net movement of Armed Forces to posts overseas.....	-486	460	330	-0.09	0.02	(Z)
Error of closure ³	(X)	-341	-3	(Z)	-0.02	(Z)
Population at end of period.....	209,123	⁴ 203,235	⁴ 179,323	(X)	(X)	(X)
CIVILIAN POPULATION						
Population at beginning of period..	201,064	177,472	150,219	(X)	(X)	(X)
Net change during period.....	6,249	23,592	27,253	1.11	1.24	1.68
Births ¹	9,657	39,033	40,963	1.72	2.04	2.53
Civilian deaths ²	5,287	18,174	15,570	0.94	0.95	0.96
Net civilian immigration.....	1,041	3,887	2,975	0.19	-0.20	0.18
Inductions less discharges in the United States.....	-837	814	1,112	-0.15	0.04	0.07
Error of closure ³	(X)	-341	-3	(Z)	-0.02	(Z)
Population at end of period.....	207,313	201,064	177,472	(X)	(X)	(X)

X Not applicable. Z Less than 0.05 percent.

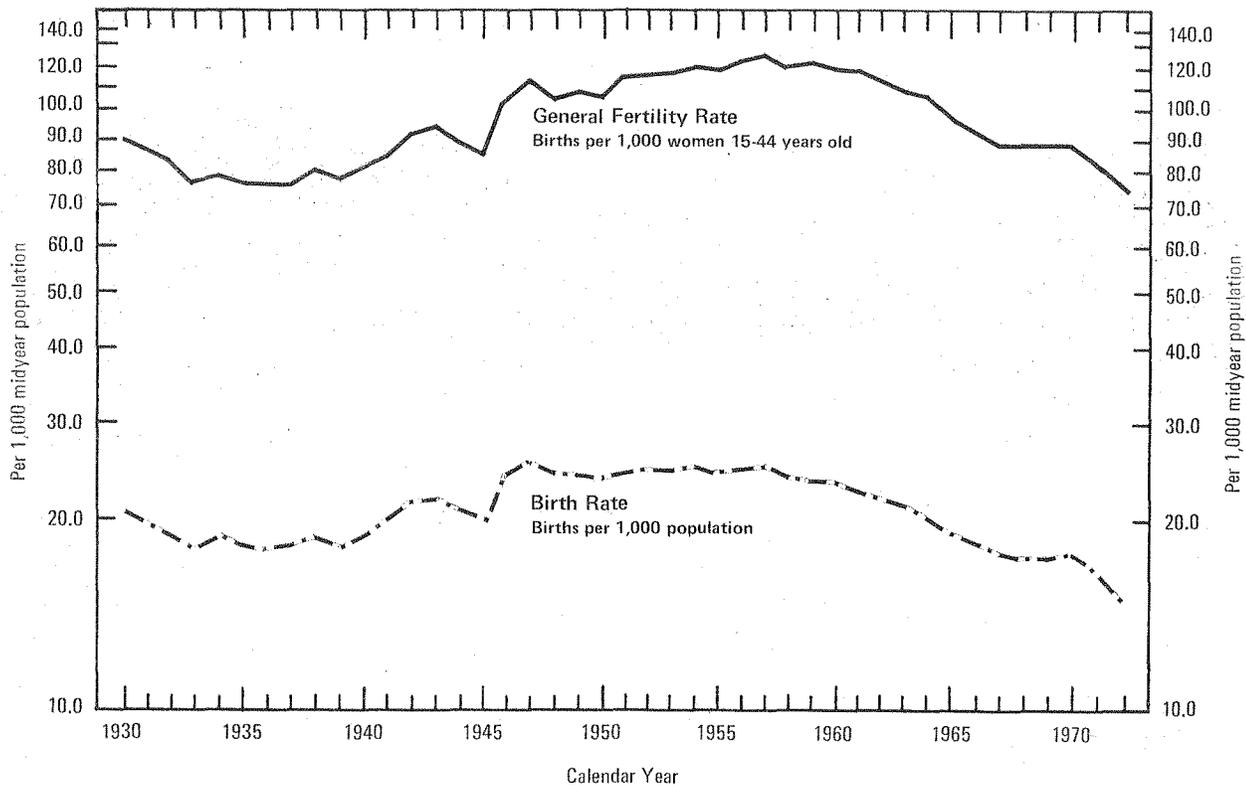
¹Adjusted for underregistration through March 1970.

²Infant deaths adjusted for underregistration through March 1960. Estimates of deaths differ according to type of population as a result of inclusion or exclusion of deaths of Armed Forces at home and overseas.

³See definition on p. 8 of the text.

⁴Census counts: April 1, 1970--203,235,298; April 1, 1960--179,323,175; April 1, 1950--151,325,798.

Figure 2. Annual Birth Rate and General Fertility Rate: 1930 to 1972



Source: Tables A and B.

COVERAGE OF POPULATION

This report provides estimates of the population of the United States for each July 1 from 1900 to 1972 and for each month from January 1, 1960 to January 1, 1973. The report shows estimates of the components of change for the total population for each calendar year and fiscal year from 1940 to 1972. The fiscal year begins on July 1 and ends June 30.

Two series of estimates are given for the period from 1940 to 1970 (table 3). One series relates only to conterminous United States, excluding Alaska and Hawaii; the other relates to the entire United States, including Alaska and Hawaii.

Estimates of the total population including Armed Forces overseas and the civilian population are presented for each year from 1930 to 1972, and annual estimates of the resident population are shown for 1900 to 1972. The resident population conforms to the concept of the United

States population for which the principal tabulations are made for the census reports. In general, it includes residents for the 50 States and the District of Columbia but excludes residents of the Commonwealth of Puerto Rico, residents of the outlying areas under United States sovereignty of jurisdiction (principally American Samoa, Canal Zone, Guam, Virgin Islands of the United States, and the Trust Territory of the Pacific Islands), and other American citizens living overseas. However, some estimates of the resident population shown here relate only to conterminous United States, excluding Alaska and Hawaii. The "total population including Armed Forces overseas" includes the resident population and the Armed Forces stationed in foreign countries and in the outlying areas, but not their dependents. The "civilian population" represents the resident population less the Armed Forces stationed in the United States.

A fourth type of population, shown since 1960, is the most comprehensive population coverage for which estimates are currently provided in this

series of publications (table D). In addition to the total population including Armed Forces overseas, this coverage includes the following U.S. civilian population overseas; (1) dependents of members of the Armed Forces and (2) civilian citizen employees of the Federal government and their dependents. At present the dependents of the Armed Forces far out number the latter category. An even more comprehensive population coverage,

in addition to the total population including overseas Armed Forces, government employees, and their dependents, would include (1) crews of merchant vessels overseas and (2) other citizens living overseas. The latter category includes businessmen, students, retirees, and others. Difficulty in obtaining reliable current estimates for these groups has prevented their inclusion in the population estimates presented here.

Table D. ESTIMATES OF THE POPULATION BY TYPE, AT SEMIANNUAL INTERVALS: 1960 TO 1973

(In thousands)

Date	Total population incl. overseas Armed Forces, government employees, and their dependents	Total population including Armed Forces overseas	Resident population	Civilian population
January 1, 1973.....	210,125	209,717	209,123	207,313
July 1, 1972.....	209,258	203,342	208,230	206,457
January 1, 1972.....	208,509	208,089	207,397	205,497
July 1, 1971.....	207,486	207,045	206,212	204,250
January 1, 1971.....	206,535	206,072	205,152	203,106
July 1, 1970.....	205,358	204,879	203,810	201,722
April 1, 1970.....	¹ 204,839	204,335	² 203,235	201,064
January 1, 1970.....	204,373	203,849	202,717	200,466
July 1, 1969.....	203,224	202,677	201,385	199,145
January 1, 1969.....	202,308	201,760	200,498	198,287
July 1, 1968.....	201,253	200,706	199,399	197,113
January 1, 1968.....	200,370	199,808	198,578	196,359
July 1, 1967.....	199,262	198,712	197,457	195,264
January 1, 1967.....	198,276	197,736	196,596	194,355
July 1, 1966.....	197,122	196,560	195,576	193,420
January 1, 1966.....	196,125	195,539	194,649	192,633
July 1, 1965.....	194,892	194,303	193,526	191,605
January 1, 1965.....	193,815	193,223	192,529	190,512
July 1, 1964.....	192,464	191,889	191,141	189,141
January 1, 1964.....	191,254	190,668	189,973	187,942
July 1, 1963.....	189,829	189,242	188,483	186,493
January 1, 1963.....	188,629	188,013	187,284	185,282
July 1, 1962.....	187,140	186,538	185,771	183,677
January 1, 1962.....	185,833	185,242	184,508	182,392
July 1, 1961.....	184,271	183,691	182,992	181,143
January 1, 1961.....	182,878	182,287	181,629	179,742
July 1, 1960.....	181,265	180,671	179,979	178,140
April 1, 1960.....	180,600	180,007	² 179,323	177,472

¹Includes 504,567 overseas civilian employees of the federal government, their dependents, and dependents of the Armed Forces overseas in addition to the total population including Armed Forces overseas shown here.

²Census counts: April 1, 1970--203,235,298; April 1, 1960--179,323,175.

METHODS AND SOURCES OF DATA

The estimates from 1940 to date involved the following computational steps:

- (1) Last census count of population,
- plus (2) Armed Forces overseas on the census date,
- plus (3) resident births,
- less (4) deaths, including deaths to Armed Forces overseas,
- plus (5) net civilian immigration,
- plus (6) net inductions into Armed Forces overseas,
- plus
- or (7) "error of closure" for the inter-censal period,
- less (8) Armed Forces overseas on the estimate date, to obtain the resident population,
- less (9) Armed Forces in the United States on the estimate date, to obtain the civilian population.

The estimates for earlier years were prepared by essentially the same procedures as the years since 1940.

The Armed Forces components are based on data on the size and distribution of the Armed Forces obtained from the Statistical Service Center of the Department of Defense and from the Army, Navy, Air Force, Marine Corps, and Coast Guard. Reserve forces on 3 and 6 months active duty for training, National Guard reserve forces on active duty for 4 months or more, and students at the military academies are included in the Armed Forces; reserve forces and national guardsmen on shorter tours of training and officers in the Public Health Service are not included. Crews of U.S. Naval vessels homeported in the United States and not deployed to the overseas fleets are included in the United States resident population; those deployed to the overseas fleets, and those homeported outside the United States are considered overseas.

Estimates of the Armed Forces based on the Defense Department data are used throughout for census dates, although counts of the Armed Forces are obtained in the decennial censuses.

Complete 1970 census data for the Armed Forces are not yet available, but the Department of Defense figures will continue to be used to maintain continuity over time. In 1960 and 1950 there was a substantial difference between Depart-

ment of Defense data and the census counts.³ In 1970 there were no significant differences for the overseas portion of the Armed Forces, since the census counts for overseas personnel were derived from statistics generated by the Department of Defense, except for Navy ships which were enumerated separately. However, the military population residing in the United States was enumerated in 1970 essentially as in 1960.

Births and deaths for the resident population are tabulated by the Vital Statistics Division, National Center for Health Statistics, Public Health Service. Final tabulations for births were used through 1968 and for deaths through 1969. Preliminary estimates of births for 1969 through 1972 and deaths for 1970 through 1972 were provided by the Department of Health, Education, and Welfare from a compilation of the certificates received by the States during each month.

The Vital Statistics Division has corrected births for underregistration by factors obtained by interpolating and extrapolating the results of the 1940 and 1950 Birth Registration Tests. The tests were conducted in connection with the 1940 and 1950 censuses through the joint efforts of the Vital Statistics Division (Public Health Service), and the Bureau of the Census. A sample birth registration test was conducted by the Bureau of the Census in 1970, covering the period 1964-1968. Preliminary findings of this test confirm in general the level of underregistration observed in 1950 after taking into account percent of births outside of hospitals by race. Some improvement in completeness of registration was indicated for births to Negro and other races. The estimates of births in this report have not yet been adjusted to reflect the results of the 1970 test. For more complete information about the test, see Current Population Reports, Series P-25, No. 460, pp. 5-6. In this report, the number of births was corrected for underregistration through March 1970. The correction was dropped after April 1, 1970 because it is estimated that the registration of births is now over 99 percent complete.

³The census counts of Armed Forces and the percent differences from the estimates based on Defense Department data for 1950 and 1960 are as follows:

	Census count		Percent difference from Defense Department data	
	1960	1950	1960	1950
Total.....	2,366,949	1,312,869	-7.1	-14.2
Inside U.S.....	1,733,402	982,313	-6.8	-12.7
Outside U.S.....	633,547	330,556	-8.0	-18.6

No similar test has ever been conducted for deaths. However, the Census Bureau corrected deaths of children under 1 year old through March 1960 using the same factors as for births. This correction was dropped from the estimates starting in April 1960 because it had become so small as hardly to affect them. The figures on deaths to members of the Armed Forces overseas include data covering the Korean War obtained from the Department of Defense; deaths of military personnel for other periods have been estimated on the basis of data provided by the Department of Defense and the Vital Statistics Division, U.S. Public Health Service.

Data on net civilian immigration are final through June 1972. The figures for the period since April 1, 1960, are based on statistics of net immigration of aliens from foreign countries provided by the Immigration and Naturalization Service of the Department of Justice; on statistics of net immigration from Puerto Rico provided by the Planning Board of the Commonwealth of Puerto Rico; and on data relating to civilian citizens affiliated with the U.S. Government provided by the Department of Defense and Civil Service Commission. The statistics specifically include the following categories:⁴

1. Immigrant aliens;
2. Net arrivals from Puerto Rico;
3. Net immigration of civilian citizens affiliated with the U.S. Government;
4. Refugee-escapees covered by the Act of July 14, 1960, and refugees from Cuba and Hong Kong now termed "parolees"; and
5. Other emigrants not included in 2 or 3 above.

Estimates of the number of immigrant aliens entering the United States annually are derived from statistics published by the Immigration and Naturalization Service, Department of Justice. The number of immigrants is limited to 120,000 annually from the Western Hemisphere while the Eastern Hemisphere limit is 170,000 annually. However, immediate relatives of U.S. citizens are exempt from these limitations.

⁴These statistics include certain extraneous categories which tend to cancel out as follows:

- a. Immigrants from foreign countries to Puerto Rico and to other outlying areas are counted with the immigrants to the United States in category 1.
- b. Immigrants from other outlying areas and foreign countries to Puerto Rico are counted with the emigrants from United States in category 2.
- c. Emigrants from Puerto Rico to other outlying areas and foreign countries are counted with the immigrants to the United States in category 2.

Estimates of the emigration of United States citizens and resident aliens after April 1, 1960, were made by the Bureau of the Census using information provided by the Social Security Administration and data presented in statistical publications of various foreign countries. The Immigration and Naturalization Service stopped tabulating data for nonemigrant aliens after June 1956 and for emigrant aliens after June 1957.

Since July 1957, aliens who have had their residence status changed from temporary to permanent have been included in the total for immigrant aliens published by the Immigration and Naturalization Service in the year in which their status was converted. For some of the years since 1957, these immigrants have been allocated back to their probable year of entry. Figures for net arrivals from Puerto Rico were smoothed by use of a centered 12-month moving average to eliminate variations arising from the seasonal movement of travelers. An allowance has been made for Cuban refugees who have come to the United States since April 1960 but who do not appear in the data on alien immigration because they have not yet been granted permanent residence.

The statistics do not include the movement of agricultural workers from Mexico and the British West Indies under special contract. It is believed that they also fail to include some of the aliens entering the country by way of the Canadian or Mexican border.

A category, net arrivals of civilian citizen passengers by ship and plane was employed to account for movements of civilian citizens in estimates for the period prior to April 1, 1960. This has been replaced for the period since that date by the category, net immigration of civilian citizens affiliated with the U.S. Government. The previous item, civilian citizen passengers, showed a persistent excess of arrivals over departures spanning many years, whereas other data suggested an excess of departures in this period. The accuracy of the estimates of net immigration of citizens based on the passenger data depends on the "balancing out" of very large temporary movements, including movements of tourists as well as of U.S. citizens changing their usual residence. As a result, deficiencies in the completeness of reporting of the citizen passenger data in either direction or a substantial net movement of citizens into or out of the United States across our land borders could have a considerable impact on the net immigration figure as representing the balance of changes in usual residence.

Estimates of net immigration of civilian citizens affiliated with the U.S. Government for the period since the 1960 census have been derived from data on births in military hospitals overseas and changes in the numbers of civilian citizen employees of the Federal Government overseas and of citizen dependents of Federal employees and servicemen.⁵ This basis of estimating net overseas migration of civilian citizens excludes the net overseas movement of citizens not affiliated with the Federal Government.

Figures for net civilian immigration from July 1, 1972, to January 1, 1973, are based on provisional estimates for the 5 categories of net civilian immigration. Immigrant aliens, the largest of these categories, are estimated by assuming that the monthly pattern of immigration observed during the past three years will continue and that the level of immigration will remain at approximately the level recorded during the previous fiscal year. To this estimate of immigrant aliens are added current monthly figures for Cuban parolees provided by the Immigration and Naturalization Service, an estimate of net arrivals from Puerto Rico based on currently reported passenger traffic, an estimate of net immigration of civilian citizens affiliated with the U.S. Government, and an estimate of emigration based on the latest data available.

A minor component of population change is shown separately in table C. Inductions less discharges overseas represent the difference between the number of persons inducted into the Armed Forces at overseas locations and the number of servicemen discharged from the Armed Forces overseas. Inductions less discharges overseas for each month were estimated as the net change during the month in the number of recruits from overseas who are in the Armed Forces.

The last of the "components" of change listed in table C is the "error of closure." This is the difference between (1) the population as shown by a census count, and (2) the estimate of the population on that date as derived from the previous

⁵The estimating procedure consisted essentially of subtracting natural increase (births) of Americans overseas during a given period from the total increase in the number of civilian citizens overseas affiliated with the U.S. Government during the period. For this purpose, the few deaths in the American population overseas, and the balance of U.S. citizens overseas who leave Federal employment but remain overseas and U.S. citizens living overseas who accept Federal employment, were ignored.

census count and data on the various components of population change for the intercensal period. For the period 1960 to 1970, the preliminary estimate of the error of closure is 341,000. Since this difference represents the balance of errors in the estimates of the components of change and in the two census counts, the size of the error of closure should not be taken as a measure of the accuracy of either the estimates of the individual components of change or the census counts. In preparing the preliminary intercensal estimate shown in this report, the error of closure was distributed evenly over the 10 year intercensal period, in order to obtain a smooth transition between the 1960 and 1970 census counts.

The components of change from 1950 to 1960, 1960 to 1970, and 1970 to 1973 in table C are given according to three definitions; total population including Armed Forces overseas, resident population and civilian population. These three sets of figures differ only in the treatment of the Armed Forces component. Components of change for the total population including Armed Forces overseas take account of deaths to all members of the Armed Forces, as well as inductions and discharges overseas; those for the resident population take into account deaths to resident Armed Forces and treat the movement of Armed Forces to and from posts overseas as an additional category of migrants. Components of change for the civilian population omit military deaths but take account of inductions and discharges in the United States.

The estimates presented in this report through April 1, 1960, are the same as those given in Current Population Reports, Series P-25, Nos. 465 and 481. The table below lists other Current Population Reports containing estimates consistent with the national population estimates in this report, and specifies the years for which consistent data are provided.

Type of estimate	Years	Series
		report number
U.S., by age and sex.....	1960-1970	483
U.S. total and components of change, by age, color, and sex..	1950-1960	310
U.S., by age, color, and sex.....	1900-1959	311

The estimates shown in this report have been independently rounded to the nearest thousand from figures computed to the last digit. The sums of parts shown may differ from the totals shown. Percents, rates, and averages are based on unrounded numbers.

Table 1. ESTIMATES OF THE COMPONENTS OF POPULATION CHANGE FOR THE UNITED STATES INCLUDING ARMED FORCES OVERSEAS, BY CALENDAR YEAR AND FISCAL YEAR PERIODS: 1940 TO 1972

(Numbers in thousands. Includes Alaska and Hawaii in all years)

Period	Population at beginning of period	Net change during year or period		Components of change during year or period			
		Number	Percent ¹	Births ²	Deaths ³	Net civilian immigration	Other ⁴
CALENDAR YEAR							
1973.....	209,717	(X)	(X)	(X)	(X)	(X)	(X)
1972.....	208,089	1,628	0.78	3,256	1,964	338	-2
1971.....	206,072	2,017	0.98	3,554	1,924	387	-5
1970.....	203,849	2,223	1.09	3,725	1,927	438	-14
1969.....	201,760	2,089	1.04	3,605	1,934	453	-35
1968.....	199,808	1,952	0.98	3,535	1,948	398	-32
1967.....	197,736	2,072	1.05	3,555	1,861	414	-35
1966.....	195,539	2,197	1.12	3,642	1,869	455	-30
1965.....	193,223	2,315	1.20	3,801	1,830	373	-29
1964.....	190,668	2,555	1.34	4,070	1,799	317	-33
1963.....	188,013	2,655	1.41	4,142	1,815	361	-33
1962.....	185,242	2,771	1.50	4,213	1,758	351	-34
1961.....	182,287	2,955	1.62	4,317	1,703	373	-33
1960.....	179,386	2,901	1.62	4,307	1,708	327	-25
1959.....	176,447	2,939	1.67	4,313	1,663	292	-2
1958.....	173,533	2,915	1.68	4,279	1,655	292	(Z)
1957.....	170,571	2,961	1.74	4,332	1,641	272	-1
1956.....	167,513	3,058	1.83	4,244	1,572	387	-1
1955.....	164,588	2,925	1.78	4,128	1,537	337	-2
1954.....	161,690	2,898	1.79	4,102	1,489	287	-2
1953.....	158,973	2,717	1.71	3,989	1,531	261	-1
1952.....	156,309	2,663	1.70	3,933	1,512	242	(Z)
1951.....	153,622	2,688	1.75	3,845	1,501	336	+9
1950.....	151,135	2,486	1.65	3,645	1,468	299	+11
1949.....	148,580	2,556	1.72	3,667	1,452	323	+18
1948.....	146,047	2,533	1.73	3,655	1,453	280	+52
1947.....	143,394	2,653	1.85	3,834	1,455	238	+35
1946.....	141,229	2,165	1.53	3,426	1,409	151	-3
1945.....	139,767	1,462	1.05	2,873	1,549	162	-24
1944.....	138,170	1,597	1.16	2,954	1,582	202	+23
1943.....	136,371	1,799	1.32	3,118	1,503	148	+36
1942.....	134,657	1,714	1.27	3,002	1,407	83	+36
1941.....	133,275	1,382	1.04	2,716	1,415	60	+21
1940.....	132,054	1,221	0.92	2,570	1,432	77	+6
FISCAL YEAR (JULY 1)							
1972-1973.....	208,842	(X)	(X)	(X)	(X)	(X)	(X)
1971-1972.....	207,045	1,797	0.87	3,408	1,949	343	-5
1970-1971.....	204,879	2,166	1.06	3,701	1,925	395	-5
1969-1970.....	202,677	2,202	1.09	3,660	1,933	505	-30
1968-1969.....	200,706	1,971	0.98	3,567	1,946	383	-33
1967-1968.....	198,712	1,994	1.00	3,520	1,911	420	-34
1966-1967.....	196,560	2,152	1.09	3,608	1,852	429	-33
1965-1966.....	194,303	2,257	1.16	3,716	1,851	425	-33
1964-1965.....	191,889	2,414	1.26	3,940	1,821	323	-28
1963-1964.....	189,242	2,647	1.40	4,119	1,782	341	-32
1962-1963.....	188,538	2,704	1.45	4,185	1,804	356	-31
1961-1962.....	183,691	2,846	1.55	4,259	1,744	365	-34
1960-1961.....	180,671	3,020	1.67	4,350	1,683	385	-32
1959-1960.....	177,830	2,811	1.60	4,279	1,697	269	-11
1958-1959.....	174,882	2,948	1.69	4,298	1,647	298	-1
1957-1958.....	171,984	2,898	1.69	4,313	1,683	269	-2
1956-1957.....	168,903	3,081	1.82	4,312	1,581	350	(Z)
1955-1956.....	165,931	2,972	1.79	4,167	1,570	376	-1
1954-1955.....	163,026	2,905	1.78	4,119	1,505	294	-3
1953-1954.....	160,184	2,842	1.77	4,045	1,487	285	-2
1952-1953.....	157,553	2,631	1.67	3,951	1,530	211	-1
1951-1952.....	154,878	2,675	1.73	3,859	1,510	323	+3
1950-1951.....	152,271	2,606	1.71	3,771	1,485	306	+14
1949-1950.....	149,767	2,504	1.67	3,638	1,465	308	+23
1948-1949.....	147,208	2,559	1.74	3,660	1,440	313	+26
1947-1948.....	144,698	2,510	1.73	3,658	1,457	263	+46
1946-1947.....	141,936	2,762	1.95	3,948	1,429	217	+27
1945-1946.....	140,468	1,468	1.05	2,873	1,443	88	-50
1944-1945.....	138,916	1,552	1.12	2,937	1,639	231	+22
1943-1944.....	137,250	1,666	1.21	2,989	1,520	170	+26
1942-1943.....	135,361	1,889	1.40	3,168	1,451	129	+43
1941-1942.....	133,894	1,467	1.10	2,789	1,389	45	+22
1940-1941.....	132,594	1,300	0.98	2,631	1,425	72	+22

X Not applicable. Z Less than 500. ¹Percent of population at beginning of period. ²Adjusted for underregistration through March 1970. ³Deaths occurring in the United States plus estimated deaths occurring to Armed Forces overseas. Infant deaths adjusted for underregistration through March 1960. ⁴Comprises estimates of overseas admissions into and discharges from the Armed Forces and the "error of closure" between censuses. See text.

Table 2. ESTIMATES OF THE COMPONENTS OF POPULATION CHANGE FOR THE UNITED STATES INCLUDING ARMED FORCES OVERSEAS, BY SEMIANNUAL PERIODS: 1950 TO 1972

(Numbers in thousands. Includes Alaska and Hawaii in all years)

Period	Population at beginning of period	Net change during year or period		Components of change during year or period			
		Number	Percent ¹	Births ²	Deaths ³	Net civilian immigration	Other ⁴
1972: July-December.....	208,842	875	0.42	1,652	961	183	(Z)
January-June.....	208,089	753	0.36	1,604	1,003	155	-3
1971: July-December.....	207,045	1,044	0.50	1,804	946	189	-2
January-June.....	206,072	973	0.47	1,755	978	198	-2
1970: July-December.....	204,879	1,194	0.58	1,946	947	197	-3
January-June.....	203,849	1,030	0.51	1,779	980	242	-11
1969: July-December.....	202,677	1,172	0.58	1,881	953	263	-19
January-June.....	201,760	917	0.45	1,724	981	190	-16
1968: July-December.....	200,706	1,054	0.53	1,844	965	192	-17
January-June.....	199,808	898	0.45	1,691	983	206	-15
1967: July-December.....	198,712	1,096	0.55	1,829	928	214	-19
January-June.....	197,736	976	0.49	1,726	933	199	-16
1966: July-December.....	196,560	1,175	0.60	1,881	919	230	-16
January-June.....	195,539	1,022	0.52	1,761	950	225	-14
1965: July-December.....	194,303	1,236	0.64	1,955	900	200	-19
January-June.....	193,223	1,080	0.56	1,846	929	173	-10
1964: July-December.....	191,889	1,335	0.70	2,094	891	150	-17
January-June.....	190,668	1,220	0.64	1,977	908	167	-16
1963: July-December.....	189,242	1,427	0.75	2,142	874	174	-16
January-June.....	188,013	1,229	0.65	1,999	941	187	-17
1962: July-December.....	186,538	1,475	0.79	2,186	863	169	-17
January-June.....	185,242	1,296	0.70	2,026	895	182	-17
1961: July-December.....	183,691	1,551	0.84	2,233	848	183	-17
January-June.....	182,287	1,404	0.77	2,084	854	190	-16
1960: July-December.....	180,671	1,616	0.89	2,266	828	195	-16
January-June.....	179,386	1,285	0.72	2,041	880	133	-10
1959: July-December.....	177,830	1,556	0.88	2,238	817	137	-2
January-June.....	176,447	1,382	0.78	2,074	846	154	(Z)
1958: July-December.....	174,882	1,565	0.90	2,224	802	143	(Z)
January-June.....	173,533	1,349	0.78	2,055	854	149	(Z)
1957: July-December.....	171,984	1,548	0.90	2,259	830	121	-2
January-June.....	170,571	1,413	0.83	2,073	811	151	(Z)
1956: July-December.....	168,903	1,668	0.99	2,239	770	200	(Z)
January-June.....	167,513	1,390	0.83	2,005	802	187	-1
1955: July-December.....	165,931	1,582	0.95	2,162	768	189	(Z)
January-June.....	164,588	1,343	0.82	1,966	768	148	-2
1954: July-December.....	163,026	1,562	0.96	2,154	737	146	-1
January-June.....	161,690	1,336	0.83	1,948	752	141	-1
1953: July-December.....	160,184	1,506	0.94	2,097	735	144	-1
January-June.....	158,973	1,212	0.76	1,892	797	116	(Z)
1952: July-December.....	157,553	1,420	0.90	2,060	733	91	-1
January-June.....	156,309	1,243	0.80	1,874	779	147	+1
1951: July-December.....	154,878	1,431	0.92	1,985	732	176	+2
January-June.....	153,622	1,255	0.82	1,860	769	159	+7
1950: July-December.....	152,271	1,350	0.89	1,912	715	147	+7
January-June.....	151,135	1,136	0.75	1,733	753	152	+4

Z Less than 500.

¹Percent of population at beginning of period.

²Adjusted for underregistration through March 1970.

³Deaths occurring in the United States plus estimated deaths occurring to Armed Forces overseas. Infant deaths adjusted for underregistration through March 1960.

⁴Comprises estimates of overseas admissions into and discharges from the Armed Forces, and the "error of closure" between censuses. See text.

Table 3. ANNUAL ESTIMATES OF THE POPULATION OF THE UNITED STATES, BY TYPE OF POPULATION: APRIL 1, 1940 TO APRIL 1, 1970

(In thousands. For explanation of the three types of population, see text)

Year (July 1, except as noted)	United States (including Alaska and Hawaii)			Conterminous United States (excluding Alaska and Hawaii)		
	Total population including Armed Forces overseas	Resident population	Civilian population	Total population including Armed Forces overseas	Resident population	Civilian population
1970 (April 1).....	¹ 204,335	² 203,235	201,064	203,350	² 202,163	200,079
1969.....	202,677	201,385	199,145	201,712	200,338	198,181
1968.....	200,706	199,399	197,113	199,777	198,380	196,184
1967.....	198,712	197,457	195,264	197,802	196,456	194,354
1966.....	196,550	193,576	193,420	195,665	194,595	192,525
1965.....	194,303	193,526	191,605	193,414	192,551	190,716
1964.....	191,889	191,141	189,141	191,034	190,178	188,286
1963.....	189,242	188,483	186,493	188,397	187,545	185,648
1962.....	186,538	185,771	183,677	185,721	184,842	182,860
1961.....	183,691	182,992	181,143	182,888	182,096	180,339
1960.....	180,671	179,979	178,140	179,893	179,108	177,362
1960 (April 1).....	180,007	² 179,323	177,472	179,235	² 178,464	176,700
1959.....	177,830	177,135	175,277	177,073	176,289	174,521
1958.....	174,882	174,149	172,226	174,141	173,320	171,485
1957.....	171,984	171,187	169,110	171,274	170,371	168,400
1956.....	168,903	168,088	166,055	168,221	167,306	165,373
1955.....	165,931	165,069	162,967	165,275	164,308	162,311
1954.....	163,026	161,884	159,695	162,391	161,164	159,059
1953.....	160,184	158,955	156,595	159,565	158,242	155,975
1952.....	157,553	156,393	153,892	156,954	155,687	153,292
1951.....	154,878	153,982	151,599	154,287	153,310	151,009
1950.....	152,271	151,868	150,790	151,684	151,235	150,203
1950 (April 1).....	151,718	² 151,326	150,219	151,133	² 150,697	149,634
1949.....	149,767	149,304	148,157	149,488	148,665	147,578
1948.....	147,208	146,730	145,746	146,631	146,093	145,168
1947.....	144,698	144,083	143,138	144,126	143,446	142,566
1946.....	141,936	140,686	138,932	141,389	140,054	138,385
1945.....	140,468	133,434	128,112	139,928	132,481	127,573
1944.....	138,916	133,915	127,227	138,397	132,885	126,708
1943.....	137,250	135,107	128,010	136,739	134,245	127,499
1942.....	135,361	134,617	131,444	134,860	133,920	130,942
1941.....	133,894	133,669	132,086	133,402	133,121	131,595
1940.....	132,594	132,457	132,129	132,122	131,954	131,658
1940 (April 1).....	132,288	² 132,166	131,859	131,820	² 131,669	131,391

¹Includes approximately 23,000 Armed Forces personnel overseas who resided outside of the United States at the time they entered military service.

²Census counts: (Including Alaska and Hawaii) April 1, 1970, 203,235,298; April 1, 1960, 179,323,175; April 1 1950,151, 325, 798; April 1, 1940, 132, 166,000; (excluding Alaska and Hawaii) April 1, 1970, 202,163,212; April 1, 1960, 178,464,236; April 1, 1950, 150,697,361; April 1, 1940, 131,669,275. Figure for United States (including Alaska and Hawaii) on April 1, 1940, includes an estimate for Alaska of 74,000; census count as of October 1, 1939, was 73,024.

Table 4. ANNUAL ESTIMATES OF THE POPULATION OF CONTERMINOUS UNITED STATES, BY TYPE OF POPULATION: JULY 1, 1900 TO 1939

(In thousands. Excludes Alaska and Hawaii)

Year	Total popula- tion includ- ing Armed Forces overseas	Resident popula- tion	Civilian popula- tion	Year	Resident popula- tion	Year	Resident popula- tion	Year	Resident popula- tion
1939.....	131,028	130,880	130,683	1929.....	121,767	1919.....	¹ 104,514	1909.....	90,490
1938.....	129,969	129,825	129,635	1928.....	120,509	1918.....	¹ 103,208	1908.....	88,710
1937.....	128,961	128,825	128,639	1927.....	119,035	1917.....	¹ 103,268	1907.....	87,008
1936.....	128,181	128,053	127,879	1926.....	117,397	1916.....	101,961	1906.....	85,450
1935.....	127,362	127,250	127,099	1925.....	115,829	1915.....	100,546	1905.....	83,822
1934.....	126,485	126,374	126,228	1924.....	114,109	1914.....	99,111	1904.....	82,166
1933.....	125,690	125,579	125,436	1923.....	111,947	1913.....	97,225	1903.....	80,632
1932.....	124,949	124,840	124,694	1922.....	110,049	1912.....	95,335	1902.....	79,163
1931.....	124,149	124,040	123,886	1921.....	108,538	1911.....	93,863	1901.....	77,584
1930.....	123,188	123,077	122,923	1920.....	106,461	1910.....	92,407	1900.....	76,094

¹Total population including Armed Forces overseas, 1917, 103,414,000; 1918,104,550,000; 1919, 105,063,000. Civilian population, 1917, 102, 796,000; 1918, 101,488,000; 1919,104,158,000.

Table 5. MONTHLY ESTIMATES OF THE POPULATION OF THE UNITED STATES, BY TYPE OF POPULATION: JANUARY 1, 1960 TO 1973

(In thousands. Includes Alaska and Hawaii in all years. For explanation of the three types of population, see text)

Date	Total population including Armed Forces overseas	Resident population	Civilian population	Date	Total population including Armed Forces overseas	Resident population	Civilian population
1973:				1967:			
January 1.....	209,717	209,123	207,313	December 1.....	199,657	198,428	196,192
1972:				November 1.....	199,498	198,275	196,029
December 1.....	209,583	208,971	207,152	October 1.....	199,311	198,075	195,842
November 1.....	209,444	208,831	207,013	September 1.....	199,113	197,852	195,660
October 1.....	209,293	208,702	206,878	August 1.....	198,911	197,675	195,464
September 1.....	209,134	208,529	206,728	July 1.....	198,712	197,457	195,264
August 1.....	208,981	208,369	206,586	June 1.....	198,537	197,283	195,094
July 1.....	208,842	208,230	206,457	May 1.....	198,363	197,124	194,911
June 1.....	208,706	208,095	206,321	April 1.....	198,206	196,976	194,761
May 1.....	208,562	207,934	206,146	March 1.....	198,037	196,834	194,600
April 1.....	208,441	207,797	205,978	February 1.....	197,892	196,696	194,475
March 1.....	208,312	207,622	205,807	January 1.....	197,736	196,596	194,355
February 1.....	208,206	207,518	205,666	1966:			
January 1.....	208,089	207,397	205,497	December 1.....	197,572	196,406	194,195
1971:				November 1.....	197,398	196,306	194,059
December 1.....	207,942	207,203	205,284	October 1.....	197,207	196,147	193,928
November 1.....	207,782	207,021	205,086	September 1.....	196,984	195,957	193,751
October 1.....	207,603	206,806	204,887	August 1.....	196,762	195,727	193,581
September 1.....	207,409	206,617	204,661	July 1.....	196,560	195,576	193,420
August 1.....	207,216	206,407	204,441	June 1.....	196,372	195,371	193,274
July 1.....	207,045	206,212	204,250	May 1.....	196,178	195,209	193,133
June 1.....	206,882	206,049	204,067	April 1.....	195,999	195,045	192,990
May 1.....	206,708	205,839	203,858	March 1.....	195,831	194,881	192,855
April 1.....	206,548	205,658	203,665	February 1.....	195,688	194,759	192,747
March 1.....	206,381	205,450	203,455	January 1.....	195,539	194,649	192,633
February 1.....	206,231	205,296	203,280	1965:			
January 1.....	206,072	205,152	203,106	December 1.....	195,372	194,506	192,529
1970:				November 1.....	195,195	194,319	192,394
December 1.....	205,884	204,919	202,869	October 1.....	194,997	194,164	192,232
November 1.....	205,705	204,699	202,661	September 1.....	194,761	193,924	192,035
October 1.....	205,499	204,468	202,418	August 1.....	194,528	193,750	191,820
September 1.....	205,291	204,252	202,182	July 1.....	194,303	193,526	191,605
August 1.....	205,080	204,029	201,943	June 1.....	194,087	193,329	191,406
July 1.....	204,879	203,810	201,722	May 1.....	193,888	193,158	191,204
June 1.....	204,694	203,620	201,520	April 1.....	193,709	192,983	191,021
May 1.....	204,506	203,409	201,293	March 1.....	193,540	192,781	190,846
April 1.....	204,335	203,235	201,064	February 1.....	193,393	192,680	190,686
March 1.....	204,156	203,032	200,839	January 1.....	193,223	192,529	190,512
February 1.....	204,008	202,865	200,662	1964:			
January 1.....	203,849	202,717	200,466	December 1.....	193,039	192,347	190,307
1969:				November 1.....	192,847	192,119	190,109
December 1.....	203,675	202,494	200,236	October 1.....	192,631	191,899	189,883
November 1.....	203,500	202,279	200,031	September 1.....	192,376	191,655	189,624
October 1.....	203,302	202,050	199,770	August 1.....	192,131	191,401	189,374
September 1.....	203,090	201,826	199,546	July 1.....	191,889	191,141	189,141
August 1.....	202,877	201,581	199,342	June 1.....	191,666	190,925	188,919
July 1.....	202,677	201,385	199,145	May 1.....	191,447	190,738	188,696
June 1.....	202,507	201,210	198,986	April 1.....	191,245	190,507	188,497
May 1.....	202,331	201,048	198,806	March 1.....	191,047	190,304	188,299
April 1.....	202,161	200,887	198,653	February 1.....	190,858	190,124	188,121
March 1.....	202,023	200,729	198,525	January 1.....	190,668	189,973	187,942
February 1.....	201,881	200,589	198,398	1963:			
January 1.....	201,760	200,498	198,287	December 1.....	190,472	189,760	187,723
1968:				November 1.....	190,265	189,544	187,518
December 1.....	201,621	200,342	198,119	October 1.....	190,028	189,301	187,281
November 1.....	201,466	200,185	197,943	September 1.....	189,761	189,026	187,008
October 1.....	201,290	200,011	197,737	August 1.....	189,496	188,762	186,741
September 1.....	201,095	199,809	197,512	July 1.....	189,242	188,483	186,493
August 1.....	200,898	199,593	197,302	June 1.....	189,018	188,271	186,280
July 1.....	200,706	199,399	197,113	May 1.....	188,790	188,046	186,049
June 1.....	200,536	199,238	196,975	April 1.....	188,580	187,837	185,839
May 1.....	200,361	199,070	196,823	March 1.....	188,387	187,656	185,652
April 1.....	200,208	198,923	196,693	February 1.....	188,213	187,456	185,484
March 1.....	200,056	198,788	196,565	January 1.....	188,013	187,284	185,282
February 1.....	199,920	198,679	196,443				
January 1.....	199,808	198,578	196,359				

See footnotes at end of table.

Table 5. MONTHLY ESTIMATES OF THE POPULATION OF THE UNITED STATES, BY TYPE OF POPULATION: JANUARY 1, 1960 TO 1973—Continued

(In thousands. Includes Alaska and Hawaii in all years. For explanation of the three types of population, see text)

Date	Total population including Armed Forces overseas	Resident population	Civilian population	Date	Total population including Armed Forces overseas	Resident population	Civilian population
1962:				1961--Continued:			
December 1.....	187,796	187,016	185,052	June 1.....	183,452	182,771	180,921
November 1.....	187,574	186,761	184,816	May 1.....	183,217	182,517	180,675
October 1.....	187,323	186,561	184,581	April 1.....	182,992	182,298	180,445
September 1.....	187,058	186,326	184,318	March 1.....	182,742	182,031	180,187
August 1.....	186,790	186,016	183,926	February 1.....	182,520	181,848	179,962
July 1.....	186,538	185,771	183,677	January 1.....	182,287	181,629	179,742
June 1.....	186,314	185,551	183,454	1960:			
May 1.....	186,087	185,284	183,209	December 1.....	182,042	181,364	179,484
April 1.....	185,874	185,104	182,987	November 1.....	181,796	181,123	179,240
March 1.....	185,650	184,872	182,760	October 1.....	181,528	180,848	178,981
February 1.....	185,452	184,684	182,554	September 1.....	181,238	180,571	178,698
January 1.....	185,242	184,508	182,392	August 1.....	180,945	180,257	178,408
1961:				July 1.....	180,671	179,979	178,140
December 1.....	185,016	184,265	182,188	June 1.....	180,444	179,780	177,926
November 1.....	184,783	184,058	182,007	May 1.....	180,222	179,540	177,695
October 1.....	184,524	183,822	181,913	April 1.....	180,007	² 179,323	177,472
September 1.....	184,243	183,552	181,666	March 1.....	179,788	179,112	177,244
August 1.....	183,958	183,266	181,397	February 1.....	179,597	178,902	177,052
July 1.....	183,691	182,992	181,143	January 1.....	179,386	178,729	176,850

¹Census count: April 1, 1970-203,235,298.

²Census count: April 1, 1960-179,323,175.

APPENDIX A

METHODS AND SOURCES OF DATA : 1930 TO 1939

Because the growth rate of the United States population has fallen in the past two years (from 10.9 in 1970 to 7.8 in 1972) to the lowest level since the Depression, there has been increasing interest in estimates of the annual rates of net growth and of the components of population change during the 1930's. The available data on the components of population change during the 1930's are not as comprehensive as for later years because the birth and death registration areas did not include all States until 1933 and because comprehensive emigration data are limited to aliens. Research on the available data suggests that despite these limitations, it is possible to generate a set of reasonably accurate estimates of annual rates for the 1930's.¹

The estimates of the components of population change for the 1930's are for the resident population of the conterminous United States. These estimates are generally comparable to the estimates for 1940 to 1972 which include Alaska, Hawaii, and Armed Forces overseas. As of April 1, 1940, the difference between the two populations was about 600,000, or 0.4 percent (table 3).

The first step was to add the components of population change for the 1930 to 1940 intercensal period to the April 1, 1930 census population. Births corrected for underregistration were divided into the necessary quarterly and semiannual periods on the basis of registered births by month (Vital Statistics of the United States, annual volumes). Deaths corrected for underregistration were taken from an earlier Bureau of the Census report, Series P-3, No. 10, published in 1941. Data on net international migration (alien immigrants less alien emigrants) for fiscal years were obtained from Historical Statistics of the United States and were divided pro rata into the necessary quarterly and semi-annual periods.

The second step was to determine the "error of closure" between the 1930 and 1940 censuses

and to distribute it over the decade to permit the calculation of a set of intercensal consistent growth rates. The components of population change (births, deaths, and net international migration) yielded a population increase of 10,197,000 between April 1, 1930 and April 1, 1940. The intercensal increase derived from the results of the two censuses was 8,894,000, leaving an error of closure of 1,303,000.

Since a set of annual July 1 estimates of the resident population for the 1930 - 1939 period are available, these estimates were used as control totals.² Thus a July 1 control figure minus the corresponding July 1 estimate obtained from the components of change added to the 1930 census population represents the cumulative error of closure to that date, and the difference between the cumulative errors of closure to two consecutive July 1 dates represents the error of closure for that fiscal year. The errors of closure for the 12-month periods from July 1, 1930 to July 1, 1939 and for the 9-month period July 1, 1939 to April 1, 1940 were distributed linearly to obtain intercensal-consistent estimates of population on January 1, 1931 to 1940, which in turn permitted the calculation of intercensal-consistent population growth for calendar years. In obtaining a population estimate for January 1, 1930, it was assumed that the proportionate underregistration of deaths in the first quarter of 1930 was the same as in the last three quarters and that the error of closure for the first quarter of 1930 was the same as for the second quarter. The results of this procedure is to allocate the bulk of the error of closure to the first half of the 1930-1940 decade (appendix B). Since recorded emigration is limited to aliens and since alien emigration was much higher during the first half of the decade than the second half of the decade, it is reasonable to assume that unrecorded emigration was also greater during the first half of the decade; however, there is no reliable method of estimating the total number.

It appears that relatively less complete coverage in the 1940 census than in the 1930 census

¹Estimated rates for selected years during the 1930's were shown in several previous annual reports on the components of population change (Series P-25, Nos. 368, 398, 418, 442, 465, and 481). These rates were based on incomplete data, were not intercensal consistent, and are superceded by the estimates presented in this report in table A and appendix B.

²Current Population Reports, Series P-25, No. 311, "Estimates of the Population of the United States, by Single Years of Age, Color, and Sex: 1900 to 1959." The estimates for the 1930-1940 period were based on census age data and data on the components of population change (p.1).

accounts for most of the error of closure,³ and that unrecorded emigration may be a secondary factor. In contrast, the estimates of intercensal births and deaths corrected for underregistration do not appear to be subject to appreciable error.

³Ansley J. Coale, "The Population of the United States in 1950 Classified by Age, Sex, and Color - A Revision of Census Figures," Journal of the American Statistical Association, Vol. 50 (March, 1955), pp. 16 - 54. U.S. Census of Population: 1950, Vol. II, Part 1, pp. 6-7.

APPENDIX B

ESTIMATES OF THE COMPONENTS OF POPULATION CHANGE FOR THE UNITED STATES: 1930 TO 1939

Calendar year	Beginning population	Net change during year		Births	Deaths	Net civilian immigration ²	Other ²
		Number	Percent ¹				
1940.....	131,450	(X)	(X)	(X)	(X)	(X)	(X)
1939.....	130,411	1,039	0.80	2,466	1,416	+53	-64
1938.....	129,345	1,066	0.82	2,496	1,410	+50	-70
1937.....	128,481	864	0.67	2,413	1,480	+33	-102
1936.....	127,727	754	0.59	2,355	1,509	+12	-104
1935.....	126,874	853	0.67	2,377	1,421	-2	-101
1934.....	126,014	860	0.68	2,396	1,425	-7	-103
1933.....	125,261	753	0.60	2,307	1,369	-34	-151
1932.....	124,486	775	0.62	2,440	1,382	-62	-220
1931.....	123,615	871	0.70	2,506	1,395	-16	-224
1930.....	122,487	1,128	0.92	2,618	1,419	+113	-184

X Not applicable.

¹Percent of population at beginning of year.

²Net civilian immigration is the recorded number of alien immigrants admitted less the recorded number of alien emigrants. The "Other" category represents the "error of closure" between censuses. See appendix A.