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Inter-university Consortium for
Political and Social Research

**Projections of the Population of States by Age,
Sex, and Race [United States]: 1988 to 2010**

United States Department of Commerce
Bureau of the Census

ICPSR 9270

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PROJECTIONS OF THE POPULATION OF STATES BY AGE, SEX, AND RACE
[UNITED STATES]: 1988 TO 2010

(ICPSR 9270)

Principal Investigator

U.S. Dept. of Commerce
Bureau of the Census

Inter-university Consortium for Political and Social Research
P.O. Box 1248
Ann Arbor, Michigan 48106

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United States Department of Commerce. Bureau of the Census
PROJECTIONS OF THE POPULATION OF STATES BY AGE, SEX, AND RACE [UNITED STATES]: 1988 TO 2010 (ICPSR 9270)

SUMMARY: This dataset provides annual population projections for the 50 states and the District of Columbia by age, sex, and race for the years 1986 through 2010. The projections were made using a mathematical projection model called the cohort-component method. This method allows separate assumptions to be made for each of the components of population change: births, deaths, internal migration, and international migration. The projections are consistent with the July 1, 1986 population estimates for states. In general, the projections assume a slight increase in the national levels of fertility, an increasing level of life expectancy, and a decreasing level of net international migration. Internal migration assumptions are based on the annual state-to-state migration data for the years 1975-1986. CLASS IV

UNIVERSE: The resident population of the 50 states and the District of Columbia.

NOTE: Data are included for the years 1986 and 1987 as well as 1988-2010. Figures for 1986 are estimates, while those for 1987 and succeeding years are projections.

EXTENT OF COLLECTION: 1 data file
DATA FORMAT: Logical Record Length

File Structure: rectangular
Cases: 15,600
Variables: approx. 97
Record Length: 800
Records Per Case: 1

**PROJECTIONS OF THE POPULATION OF STATES
BY AGE, SEX, AND RACE: 1988 TO 2010
TECHNICAL DOCUMENTATION**

Attachment 1	Abstract
Attachment 2	Introduction
Attachment 3	Record Layout

Questions about the **documentation** should be directed to Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

Questions about the **tape** should be directed to Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

Questions about the **subject matter** should be directed to Population Division, Bureau of the Census, Washington, D.C. 20233. Phone (301) 763-1902.

ABSTRACT

*Projections of the Population of States,
by Age, Sex and Race: 1988 to 2010
[machine-readable data file] / prepared by the
Bureau of the Census. – Washington: The Bureau
of the Census [producer and distributor], 1989.*

Type of File:

Summary statistics.

Universe Description:

The universe is the resident population of the 50 states and the District of Columbia.

Subject-Matter Description:

This file contains annual projections of the resident population for the 50 states and the District of Columbia by single years of age (age 0 to 85 and over), sex (males and females), and race (white, black, and other races) for years 1986 through 2010.

These projections utilize a mathematical projection model known as the cohort-component method. This method permits separate assumptions to be made for each of the components of population change: births, deaths, internal migration and international migration.

The projections are consistent with the July 1, 1986 population estimates for States. In general, these projections assume a slight increase in the national levels of fertility to an ultimate level of 1.8 births per woman. For mortality, these projections assume that the overall level of life expectancy increases from 75.0 in 1986 to 77.6 in 2005 and 81.2 in 2080. The projections assume a decreasing level of net international migration from an annual level of 600,000 through 1988 to 500,000 by 1998. Internal migration assumptions in these projections are based on the annual state-to-state migration data for the 1975-86 period.

Technical Description:

File Structure: Rectangular
Record size: 800 characters
Record count: 15,600
Sort sequence: By year, race, state, and sex

Reference Materials:

Projections of the Population of States by Age, Sex, and Race, 1988 to 2010 Technical Documentation. This documentation consists of this abstract and record layouts of the files. One copy accompanies each order. The documentation may be purchased separately for \$5 from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

Related Printed Reports:

Copies of the report, *Projections of the Population of States, by Age, Sex and Race: 1988 to 2010*, Current Population Reports, Series P-25, No. 1017, Stock No. 803-004-00025-1, price \$6, are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

File Availability:

The file is available on two tapes at 1600 bpi for \$350 or on one tape at 6250 bpi for \$175. It may be ordered from Data User Services Division using the order form on the following page.

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INTRODUCTION

PROJECTIONS OF THE POPULATION OF STATES, BY AGE, SEX, AND RACE: 1988 TO 2010

This tape contains the Census Bureau's latest set of annual projections of the resident population for the 50 states and the District of Columbia by single years of age (age 0 to 85 and over), sex (males and females), and race (white, black, and other races) for years 1986 through 2010. A mathematical projection model known as the cohort-component method was utilized to produce these projections. This method permits separate assumptions to be made for each of the components of population change: births, deaths, internal migration, and international migration. These projections are consistent with the July 1, 1986 population estimates for states. In general, these projections assume a slight increase in the national levels of fertility to an ultimate level of 1.8 births per woman and a continuation of the existing differentials in state age-specific birth rates. For mortality, these projections also assume that the existing patterns of state differentials in mortality remain unchanged while the overall level of life expectancy increases from 75.0 in 1986 to 77.6 in 2005 and 81.2 in 2080. A decreasing level of net international migration from an annual level of 600,000 through 1988 to 500,000 by 1998 is assumed.

At the state level, internal migration is the most important and complex component of population changes. In general, it is also the component that shows the greatest degree of fluctuation. The present projections are the first to incorporate the annual state-to-state flows of migrants for the 1975 through 1986 period developed from annual administrative data. These data are used in combination with decennial census migration data as a basis for projecting future migration. Although certain parts of the historical period examined (1975 through 1986) may represent unique circumstances in many of the states, the past does, in general, provide a basis for projecting the future. Undoubtedly, this set of projections does not imply certainty about the future course of events. Small and often unforeseeable changes in economic, social, or demographic conditions in any state can and will cause future population changes to deviate from the projected trends.

The difference between these projections and forecasts is that they present only the results of the mathematical projection model given explicitly stated assumptions. The resulting projections represent a consistent methodology and a consistent set of assumptions that add to the projected national resident population. With this type of approach, the projections of one State can easily be compared to the projections of another State.

The assumptions concerning future levels of fertility, mortality, and international migration are consistent with the middle series of the national population projections published as *Current Population Reports, Series P-25, No. 1018*. These projections are identical to the summary data included in the recent Census Bureau report, *Current Population Reports, Series P-25, No. 1017*.

RECORD LAYOUT

POSITION	TYPE	DESCRIPTION
1-4	Num	Year (from 1986 to 2010)
6	Num	Race (0 = total, 1 = white, 2 = black, 3 = other)
8-9	Alpha	State (postal codes, 'US' = total)
11	Num	Sex (0 = total, 1 = male, 2 = female)
13-21	Num	Total population for specified year, race, state, sex
23-30	Num	Population aged 0 for specified subset
32-39	Num	Population aged 1 for specified subset
41-48	Num	Population aged 2 for specified subset
50-57	Num	Population aged 3 for specified subset
59-66	Num	Population aged 4 for specified subset
67-80	Num	Filler
81-88	Num	Population aged 5 for specified subset
90-97	Num	Population aged 6 for specified subset
99-106	Num	Population aged 7 for specified subset
108-115	Num	Population aged 8 for specified subset
117-124	Num	Population aged 9 for specified subset
126-133	Num	Population aged 10 for specified subset
135-142	Num	Population aged 11 for specified subset
144-151	Num	Population aged 12 for specified subset
153-160	Num	Population aged 13 for specified subset
161-168	Num	Population aged 14 for specified subset
170-177	Num	Population aged 15 for specified subset
179-186	Num	Population aged 16 for specified subset
188-195	Num	Population aged 17 for specified subset
197-204	Num	Population aged 18 for specified subset
206-213	Num	Population aged 19 for specified subset
215-222	Num	Population aged 20 for specified subset
224-231	Num	Population aged 21 for specified subset
233-240	Num	Population aged 22 for specified subset
241-248	Num	Population aged 23 for specified subset
250-257	Num	Population aged 24 for specified subset
259-266	Num	Population aged 25 for specified subset
268-275	Num	Population aged 26 for specified subset
277-284	Num	Population aged 27 for specified subset
286-293	Num	Population aged 28 for specified subset
295-302	Num	Population aged 29 for specified subset
304-311	Num	Population aged 30 for specified subset
313-320	Num	Population aged 31 for specified subset
321-328	Num	Population aged 32 for specified subset
330-337	Num	Population aged 33 for specified subset
339-346	Num	Population aged 34 for specified subset
348-355	Num	Population aged 35 for specified subset
357-364	Num	Population aged 36 for specified subset
366-373	Num	Population aged 37 for specified subset
375-382	Num	Population aged 38 for specified subset

POSITION	TYPE	DESCRIPTION
384-391	Num	Population aged 39 for specified subset
393-400	Num	Population aged 40 for specified subset
401-408	Num	Population aged 41 for specified subset
410-417	Num	Population aged 42 for specified subset
419-426	Num	Population aged 43 for specified subset
428-435	Num	Population aged 44 for specified subset
437-444	Num	Population aged 45 for specified subset
446-453	Num	Population aged 46 for specified subset
455-462	Num	Population aged 47 for specified subset
464-471	Num	Population aged 48 for specified subset
473-480	Num	Population aged 49 for specified subset
481-488	Num	Population aged 50 for specified subset
490-497	Num	Population aged 51 for specified subset
499-506	Num	Population aged 52 for specified subset
508-515	Num	Population aged 53 for specified subset
517-524	Num	Population aged 54 for specified subset
526-533	Num	Population aged 55 for specified subset
535-542	Num	Population aged 56 for specified subset
544-551	Num	Population aged 57 for specified subset
553-560	Num	Population aged 58 for specified subset
561-568	Num	Population aged 59 for specified subset
570-577	Num	Population aged 60 for specified subset
579-586	Num	Population aged 61 for specified subset
588-595	Num	Population aged 62 for specified subset
597-604	Num	Population aged 63 for specified subset
606-613	Num	Population aged 64 for specified subset
615-622	Num	Population aged 65 for specified subset
624-631	Num	Population aged 66 for specified subset
633-640	Num	Population aged 67 for specified subset
641-648	Num	Population aged 68 for specified subset
650-657	Num	Population aged 69 for specified subset
659-666	Num	Population aged 70 for specified subset
668-675	Num	Population aged 71 for specified subset
677-684	Num	Population aged 72 for specified subset
686-693	Num	Population aged 73 for specified subset
695-702	Num	Population aged 74 for specified subset
704-711	Num	Population aged 75 for specified subset
713-720	Num	Population aged 76 for specified subset
721-728	Num	Population aged 77 for specified subset
730-737	Num	Population aged 78 for specified subset
739-746	Num	Population aged 79 for specified subset
748-755	Num	Population aged 80 for specified subset
757-764	Num	Population aged 81 for specified subset
766-773	Num	Population aged 82 for specified subset
775-782	Num	Population aged 83 for specified subset
784-791	Num	Population aged 84 for specified subset
793-800	Num	Population aged 85+ for specified subset