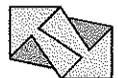
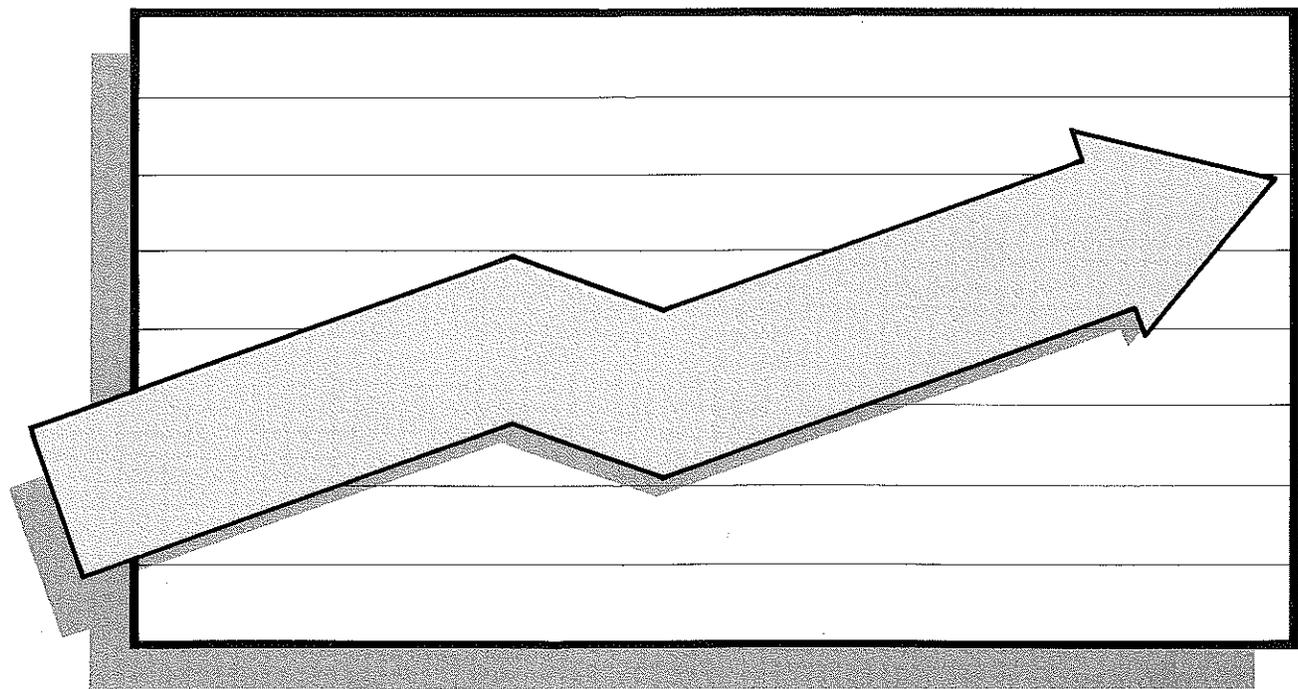


State of Utah

**Economic &
Demographic
Projections
1988**



**Data Resources Section
Utah Office of Planning and Budget**

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THE UNITED STATES OF AMERICA

IN SENATE

January 1, 1900

REPORT

OF THE

COMMISSIONERS

OF THE

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INTRODUCTION

This is the updated projection of "baseline" or the "most likely" economic and demographic conditions through the year 2010 for the State of Utah, its counties, and its multi-county planning districts (MCD's). Rapidly changing economic and demographic circumstances in recent years have exacerbated the usual difficulties encountered when making long term projections. Despite these added uncertainties, an attempt has been made to quantify the changes that have occurred and develop new long term projections. While the projection process is improving, the uncertainty of the times makes it technically more difficult and, to an extent, decreases the reliability of the projections.

The primary purpose of this report is to make available to state agencies updated economic and demographic projections for planning and budgeting purposes, in an effort to achieve planning coordination. It is also hoped that local governments and private industry will utilize the projections to further achieve planning coordination.

The effort of producing population and employment projections is a continuous and evolving process. The annual updates are made based on empirical evidence of changing economic and demographic conditions. More specifically, updates are benchmarked to the latest employment estimates of the Utah Department of Employment Security, population estimates from the Utah Population Estimates Committee, birth and death data from the Bureau of Health Statistics and school enrollment data from the Utah Office of Education.

It should be noted however, that these projections are not based on current 1987 employment and population estimates but are based on 1986 final population and employment estimates. These projections were developed before final 1987 estimates were available. For this reason the short term projections may seem unrealistically high. *These projections are intended to provide a long-term perspective, which is relatively unaffected by the level at which they begin.* More reliable short-term projections for 1988 are 1,696,000 for population and 648,400 for wage and salary employment, which have been published in State of Utah Revenue Forecast, February 1988.

These projections reflect a "baseline projection," or a projection of the future based on the existing economic structure of the area and the changing demographic characteristics of the population. These economic and demographic conditions are projected into the future; in other words, a projection of the future is made by extrapolating the current trends. This is not a prediction or forecast of the future, but rather an attempt to depict the direction current trends are likely to take without major changes in the economic base.

These new projections were developed by using the Utah Process Economic and Demographic Model (UPED) -- the model the Office of Planning and Budget (OPB) has used for many years to generate population and employment impact projections (a more complete description of UPED is found in Appendix A).

What follows this narrative report are summary tables and figures which briefly describe and illustrate the projections to the year 2010 for Utah. Population data in this report represent estimates and projections as of July 1 of each year unless otherwise noted. More detailed projections are found in Appendices B and C. Further detailed information can be obtained by calling the Data Resources Section, Utah Office of Planning and Budget, (801) 538-1036. This projection information is also available in machine readable format.

STATE AND MULTI-COUNTY PLANNING DISTRICT (MCD) POPULATION GROWTH

Utah is projected to have almost one million more inhabitants in the year 2010 than were counted during the census in 1980. The projected population of 2,442,000 represents an average annual growth of 1.7 percent from 1980 to 2010. While this rate of growth is significantly lower than Utah's rate of 2.5 percent from 1950 to 1980, it is still almost double the national growth rate for the same projection period. Figure 1 presents the average annual population growth rates for the state and MCD's. Table 1 presents the projections, along with the percentage distribution among MCD's and the total state population.

COMPONENTS OF STATE POPULATION CHANGE

Births

Population change in any area over time results from three phenomena: (1) Births, (2) Deaths, and (3) Net in- or out-migration. Utah's birth rate has historically been the highest in the nation. "Total fertility" (a measure of average births per woman) in Utah is still very high relative to the national average. However, Utah's rate has declined steadily during the 1980's, while the national rate has held fairly constant at about 1.8 births per woman (See Figure 2 and Table 2). After a historical comparison of Utah and U.S. fertility rates it seems reasonable to assume that the Utah total fertility rate will begin to stabilize at a level above that of the U.S. average. For the purpose of these projections, Utah's total fertility rate was assumed to decline to 2.5 births per woman by 1990 and then held constant for the remainder of the projection period.

Table 3 and Figure 3 show the expected natural increase (births minus deaths) for selected years. It is projected that 910,000 births will occur to Utah residents between 1987 and 2010. While the number of births is expected to taper off for the next few years, another surge of births is expected in the late 1990's as another generation begins to age into the childbearing years. Table 4 and Figure 4 show graphically the changing age structure of the state's population, and Table 5 and Figure 5 present the proportional distribution of the age cohorts.

Deaths

Not surprisingly, the number of deaths in the state is expected to rise continually through 2010 as is shown in Table 3, even though the survival rates for each age level are assumed to remain constant. The reason for this increase is that the population as a whole becomes more heavily concentrated in the older, lower survival rate age groups. For example, in 1980, 10.5 percent of the population was 60 years old or older, but this same age group is projected to increase to 14.2 percent of the population by 2010.

Net Migration

Migration is typically the most volatile component of population change because it varies with demographic changes and economic conditions. There was a period of net out-migration in the 1950's and into the 1960's, however net in-migration was experienced in Utah in every year from 1968 until 1983. We have now experienced four consecutive years of out-migration from Utah, totalling over 33,000 people.

During the period 1987 to 2010, over 180,000 net in-migration is expected to occur in the state (i.e., in-migration is expected to exceed out-migration by 180,000). Although out-migration is created when the economy is not growing fast enough to provide enough jobs for the growing labor force, population growth frequently occurs during these periods of net out-migration.

SCHOOL AGE POPULATION

Table 6 and Figure 6 present school age population (ages 5 through 17) growth. Although school age population is still increasing, it is expected to grow at an average of 1.2 percent per year from 1987 through 1993. This is substantially less growth than the 3.2 percent annual rate of growth experienced from 1980 to 1987. The decline in fertility rates, the age structure of women in the childbearing years, and the recent out-migration are responsible for the slowdown in the growth of the school age population. After 1993, there are nine consecutive years that are expected to show an actual decline in the school age population. In 2003 a new demographic growth cycle resumes as a result of women who began entering the childbearing years five years previously. Over the twenty three year period (1987-2010), school age population is projected to increase by over 65,000 children, an increase of 15 percent.

HOUSEHOLD FORMATION

Projections of the number of households in the state is produced by applying age and sex specific household formation probabilities to each year's population. These probabilities are held constant over the projection interval. They produce an increase in total households of over 400,000 for the 30 year projection period (Please see page B-1 in Appendix B). The lower fertility rate assumption, which results in fewer children, along with the projected aging of the population is reflected in the decline in average number of persons per household from 3.2 in 1980 to 2.75 in 2010.

EMPLOYMENT

Table 7 shows total state employment increasing from 617,300 jobs in 1980 to 1,188,000 jobs in 2010. This increase of over 570,000 jobs represents an average annual growth rate of 2.2 percent. Table 8 and Figures 7 and 8 show the changes in the industrial structure projected for Utah's job market. The overall pattern appears to be one of significant movement away from dependence on the state's traditional extractive-heavy manufacturing-government economic base and toward services and trade as driving sectors in the Utah economy. Appendix B presents employment projections by major industry for the state, and Appendix C presents these projections for the MCD's.

ASSUMPTIONS

Some of the major assumptions incorporated in Projections 1988 are as follows:

- o Declining total fertility rates through 1990, and then held constant at 2.5 average births per woman (ages 15-44).
- o Constant age specific mortality rates.
- o Employment related migration concentrated in early adult ages.
- o Constant age-sex specific household formation probabilities.
- o Increases in overall female labor force participation rates.

Two other major categories of model driving assumptions concern industrial sector specific basic employment assumptions, and the relationships between number of people living in the state and the number of "residential" jobs located in the state to serve their needs. Please see Appendix A for a detailed discussion of UPED and its components.

In UPED, each of over 60 industrial sectors (agriculture, coal mining, chemical manufacturing, etc.) are separated into basic and residential components. Basic employment is analyzed and projected outside the model and is "fed" to the model as a major input. Residential employment, on the other hand, is produced within the model as a function of the number of people projected to be in the study area and of other inputs to the model.

Basic employment estimates by industrial sector for each MCD for the calibration year 1986 were produced to reflect actual 1986 employment levels. A major analytical and judgmental effort was subsequently carried out to project the future growth and/or decline of each industry through 2010. Two different approaches were utilized and their results were combined to produce the basic employment projections upon which these projections are based.

The first approach is based upon statistical analysis of historical employment data. Several different statistical models were specified as alternative hypothetical "explanations" of sector and MCD-specific employment histories. Some of the models attempted to use relationships of MCD to national employment levels and then national projections by industry were used to project MCD employment by industry. The results of each model were evaluated for goodness of fit and reasonableness of the basic employment projections produced by extending each model through the year 2010. For most sectors in most MCD's, one of the models provided both a good "explanation" of historical experience and reasonable projections of future basic employment growth or decline.

In many cases, however, dramatic alterations from past trends are virtually certain to occur over the next twenty three years. No statistical analysis of the past can reveal or capture the magnitude of such changes. Thus, a judgmental approach to basic employment projections was also carried out. This approach included an evaluation of proposed projects and events. This evaluation focused on three aspects of each event listed: (1) the likelihood of its actually occurring; (2) the basic, as opposed to residential, nature of the activity; and (3) the extent to which the event represents a real break from past trends as opposed to being part of normal growth projected as part of the statistical analysis described earlier.

COUNTY DISAGGREGATIONS

Regional population totals have been disaggregated to the county level. These projections are presented in Table 9 and Figure 9. As a result of the economic circumstances discussed earlier, the projections show that only seven counties in Utah will experience growth which will exceed the state average, while twenty-two counties will grow at the same rate or below the state average. The projections indicate that Washington, Davis and Morgan counties, are expected to be the fastest growing counties in Utah respectively over the next twenty three years, averaging at least two percent per year. The slowest growth, with an average of less than 1 percent growth per year, is projected to occur in Grand, Daggett, Emery, San Juan, Carbon, Piute, Rich, Juab, Wayne and Garfield counties respectively.

CONCLUSIONS

It can be discerned from this report that Utah can be expected to experience continued relatively good growth through the remainder of the 20th century and well into the 21st. The population growth rate in Utah is projected to be almost twice the growth projected for the nation. Although Utah will continue to be a growth state it will not experience the rapid growth rates of the past. Also, growth in Utah will not be evenly distributed across the state. In particular, the rural counties historically dependent on natural resource development appear to face the prospect of not being able to provide adequate jobs to employ all of their young people as they age into the labor force. Indeed, as has already been observed in the past few years, the entire state will experience periods of net out-migration as a result of inadequate employment opportunities. The overall state-level picture for most years, however, is one of adequate job growth to meet Utahns' employment needs and of in-migration. The geographic distribution within the state of new jobs may cause migration from rural areas to metropolitan counties. Migration is extremely volatile and difficult to project and is subject to cycles in various industries. The expectations expressed in these projections are, of course, based on a set of crucial assumptions about future economic and demographic behavior. The assumptions have been summarized and discussed earlier, and they represent a consensus best effort of a large number of planners, officials, and analysts at both state and local levels. They are certainly plausible and reasonable as viewed from this point in time. Nonetheless, as all users and producers of such projections are constantly aware, some of them will prove to be wrong -- some badly wrong. The long term future of Utah is inherently difficult to predict.

TABLE 1
BASELINE POPULATION PROJECTIONS BY MCD
SELECTED YEARS 1980-2010

MCD	1980	1985	1987	1990	1995	2000	2005	2010
Bear River MCD	93,350	105,400	108,950	112,800	119,400	124,900	135,200	150,300
Wasatch Front MCD	949,150	1,047,750	1,069,750	1,138,700	1,242,500	1,332,000	1,463,200	1,628,100
Mountainland MCD	239,050	271,600	279,900	287,700	295,600	304,300	317,700	369,100
Central MCD	47,600	57,200	55,000	53,200	55,350	55,850	59,550	64,950
Southwest MCD	56,050	68,900	74,500	80,900	84,800	88,800	97,900	109,700
Uintah Basin MCD	34,150	39,400	36,300	39,300	40,300	42,100	47,300	54,100
Southeast MCD	54,650	54,750	53,600	54,950	54,750	54,650	59,050	65,600
TOTAL*	1,474,000	1,645,000	1,678,000	1,767,000	1,893,000	2,003,000	2,180,000	2,442,000

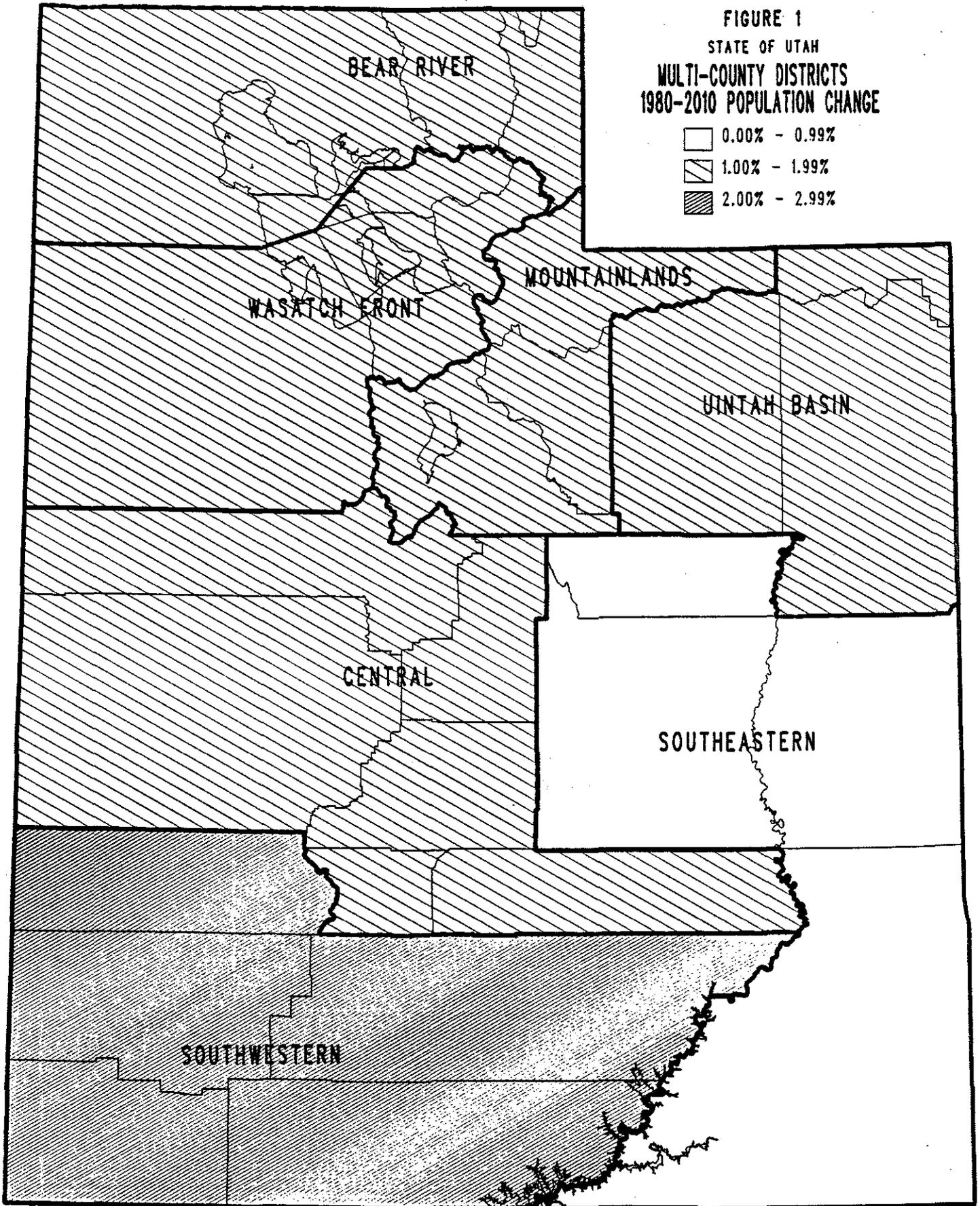
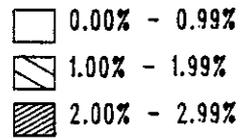
* May not add due to rounding

PERCENT OF STATE POPULATION

MCD	1980	1985	1987	1990	1995	2000	2005	2010
Bear River MCD	6.3%	6.4%	6.5%	6.4%	6.3%	6.2%	6.2%	6.2%
Wasatch Front MCD	64.5%	63.7%	63.7%	64.4%	65.6%	66.6%	67.1%	66.6%
Mountainland MCD	16.2%	16.5%	16.7%	16.3%	15.6%	15.2%	14.6%	15.1%
Central MCD	3.2%	3.5%	3.3%	3.0%	2.9%	2.8%	2.7%	2.7%
Southwest MCD	3.8%	4.2%	4.4%	4.6%	4.5%	4.4%	4.5%	4.5%
Uintah Basin MCD	2.3%	2.4%	2.2%	2.2%	2.1%	2.1%	2.2%	2.2%
Southeast MCD	3.7%	3.3%	3.2%	3.1%	2.9%	2.7%	2.7%	2.7%
TOTAL	100.1%	100.0%	99.9%	100.0%	100.0%	100.1%	100.0%	99.9%

Source: 1980-1987, Utah Population Estimates Committee
1990-2010, Utah Office of Planning and Budget, UPED Model

FIGURE 1
STATE OF UTAH
MULTI-COUNTY DISTRICTS
1980-2010 POPULATION CHANGE



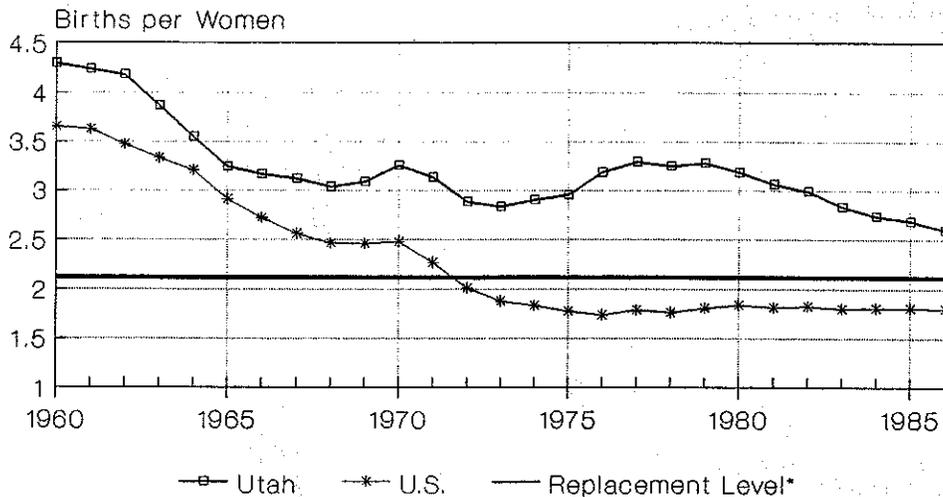
Digital map compilation by
 State of Utah
 Office of Planning and Budget
 Automated Geographic Reference

Primary source map:
 U.S. Department of Commerce Bureau of the Census, 1980
 Population data:
 Utah Office of Planning and Budget Data Resources Section.

TABLE 2
STATE OF UTAH AND U.S.
TOTAL FERTILITY: 1960-1986

YEAR	UTAH	U.S.	YEAR	UTAH	U.S.
1960	4.30	3.65	1974	2.91	1.84
1961	4.24	3.63	1975	2.96	1.77
1962	4.18	3.47	1976	3.19	1.74
1963	3.87	3.33	1977	3.30	1.79
1964	3.55	3.21	1978	3.25	1.76
1965	3.24	2.91	1979	3.28	1.81
1966	3.17	2.72	1980	3.19	1.84
1967	3.12	2.56	1981	3.06	1.82
1968	3.04	2.46	1982	2.99	1.83
1969	3.09	2.46	1983	2.83	1.80
1970	3.26	2.48	1984	2.74	1.81
1971	3.14	2.27	1985	2.69	1.81
1972	2.88	2.01	1986	2.60	1.80
1973	2.84	1.88			

Figure 2
Total Fertility: 1960-1986
for Utah and the U.S.



*rate (2.1) needed to maintain population without immigration.
Source: E.Brown-Fertility in Ut; UT OPB

TABLE 3
STATE OF UTAH
BIRTHS, DEATHS, NATURAL INCREASE, AND MIGRATION
SELECTED YEARS 1980-2010

FISCAL YEAR	BIRTHS	DEATHS	NATURAL INCREASE	MIGRATION
1980	41,591	8,108	33,483	24,500
1985	37,508	8,923	28,585	-7,585
1987	35,469	8,813	26,665	-13,656
1990	33,600	10,600	23,000	5,600
1995	34,800	12,500	22,300	-500
2000	37,500	14,300	23,200	3,200
2005	41,900	16,100	25,800	14,500
2010	46,200	18,100	28,100	30,000

Source: 1980-1987, Utah Department of Health (births and deaths)
1980-1987, Utah Population Estimates Committee (migration)
1990-2010, Utah Office of Planning and Budget, UPED Model

Figure 3
Components of Population Change

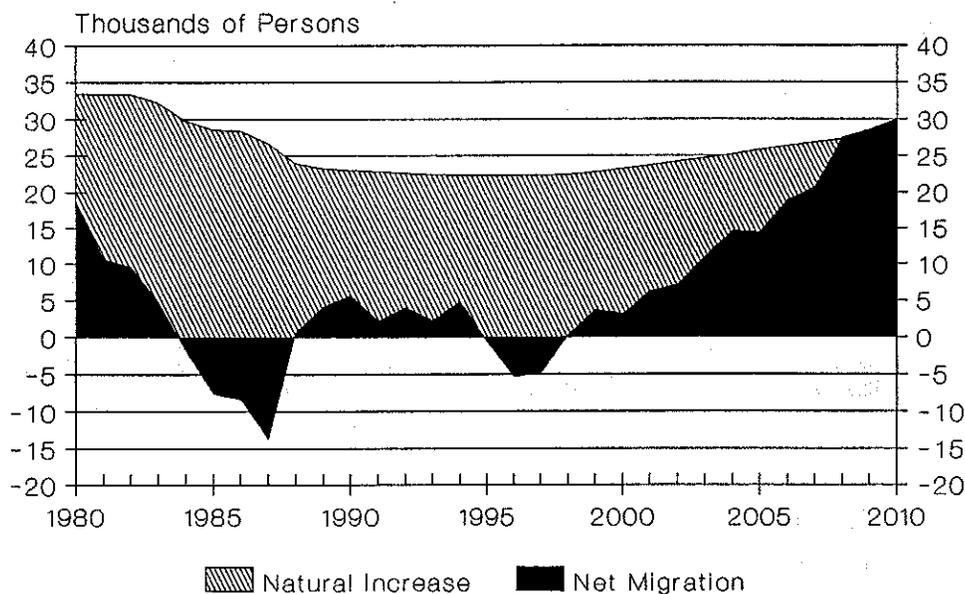


TABLE 4
STATE OF UTAH
POPULATION BY SELECTED AGE GROUPS
SELECTED YEARS 1980-2010

AGE GROUP	1980*	1986	1990	1995	2000	2005	2010
0-4	189,962	186,744	170,999	172,330	181,627	203,049	227,953
5-17	350,143	428,209	461,467	467,765	444,446	453,516	503,585
18-29	351,391	348,951	344,893	363,758	411,406	453,013	469,416
30-39	184,866	247,209	271,390	278,737	264,359	279,363	349,253
40-64	275,455	307,688	350,403	419,900	496,749	570,420	642,433
65+	109,220	145,906	168,268	190,086	204,121	220,554	249,308
TOTAL	1,461,037	1,664,707	1,767,420	1,892,576	2,002,708	2,179,915	2,441,948

*The 1980 data represents the Census count as of April 1, 1980.

Figure 4
Population by Age Group

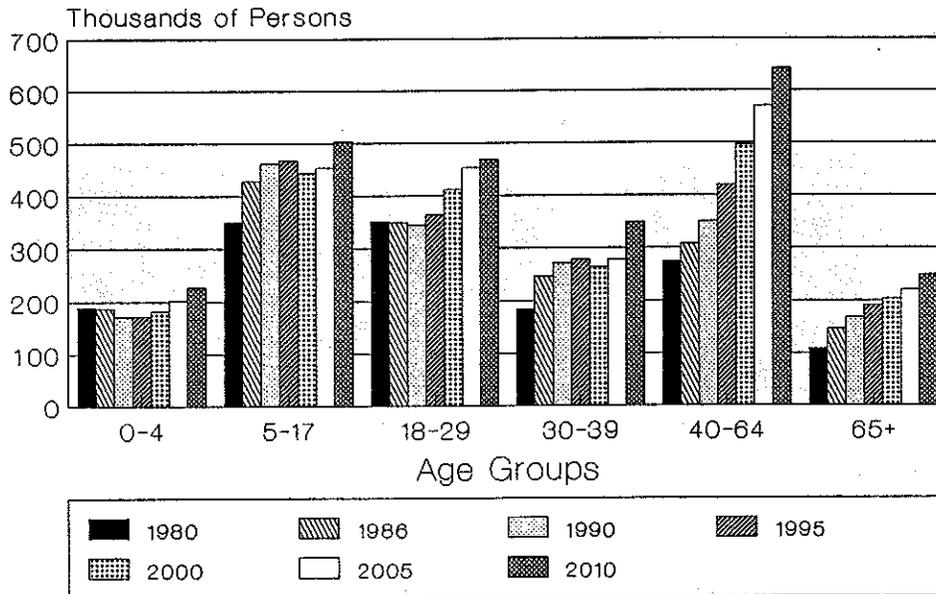


TABLE 5

STATE OF UTAH
POPULATION BY SELECTED AGE GROUPS
AS A PERCENT OF TOTAL
SELECTED YEARS 1980-2010

AGE GROUP	1980	1986	1990	1995	2000	2005	2010
0-4	13.0%	11.2%	9.7%	9.1%	9.1%	9.3%	9.3%
5-17	23.9%	25.6%	26.1%	24.8%	22.2%	20.8%	20.6%
18-29	24.0%	21.0%	19.5%	19.2%	20.5%	20.8%	19.2%
30-39	12.7%	14.9%	15.4%	14.7%	13.2%	12.8%	14.3%
40-64	18.9%	18.5%	19.8%	22.2%	24.8%	26.2%	26.4%
65+	7.5%	8.8%	9.5%	10.0%	10.2%	10.1%	10.2%
TOTAL	100.0%						

Figure 5
Population by Age Group
as a Percent of the Total

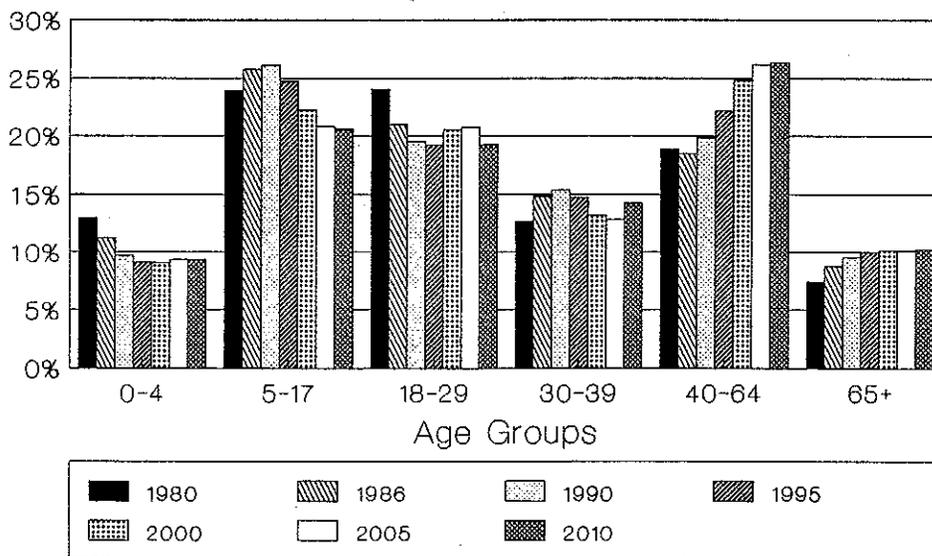


TABLE 6
STATE OF UTAH
SCHOOL AGE POPULATION
SELECTED YEARS 1980-2010

YEAR	SCHOOL AGE POPULATION	AVERAGE ANNUAL RATE OF CHANGE
1980	350,200	-----
1985	412,000	3.3%
1987	438,800	3.2%
1990	461,500	1.7%
1995	467,800	0.3%
2000	444,400	-1.0%
2005	453,500	0.4%
2010	503,600	2.1%

Figure 6
School Age Population (Ages 5-17)

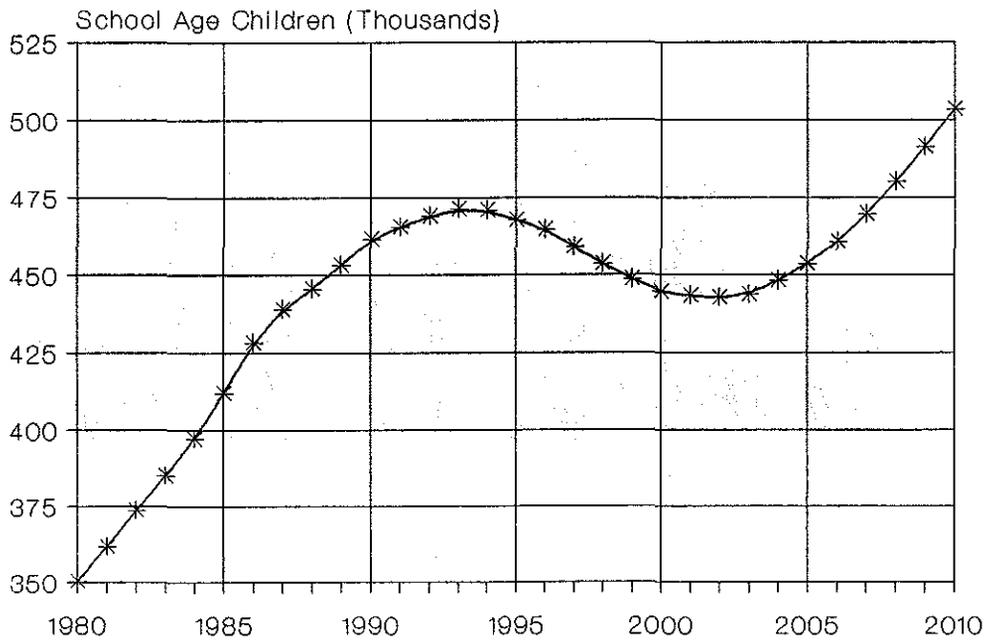


TABLE 7
STATE OF UTAH
TOTAL EMPLOYMENT*

YEAR	TOTAL EMPLOYMENT	AVERAGE ANNUAL RATE OF CHANGE
1980	617,400	---
1985	698,100	2.5%
1986	709,300	1.6%
1990	782,000	2.5%
1995	877,000	2.3%
2000	963,000	1.9%
2005	1,067,000	2.1%
2010	1,189,000	2.2%

* Total employment includes non-agricultural wage and salary employment as well as all agricultural employment, private household employment, and non-farm proprietors.

Source: 1980-1986, Utah Department of Employment Security and U.S. Bureau of Economic Analysis
 1990-2010, Utah Office of Planning and Budget, UPED Model

Figure 7
Total Employment by Industry

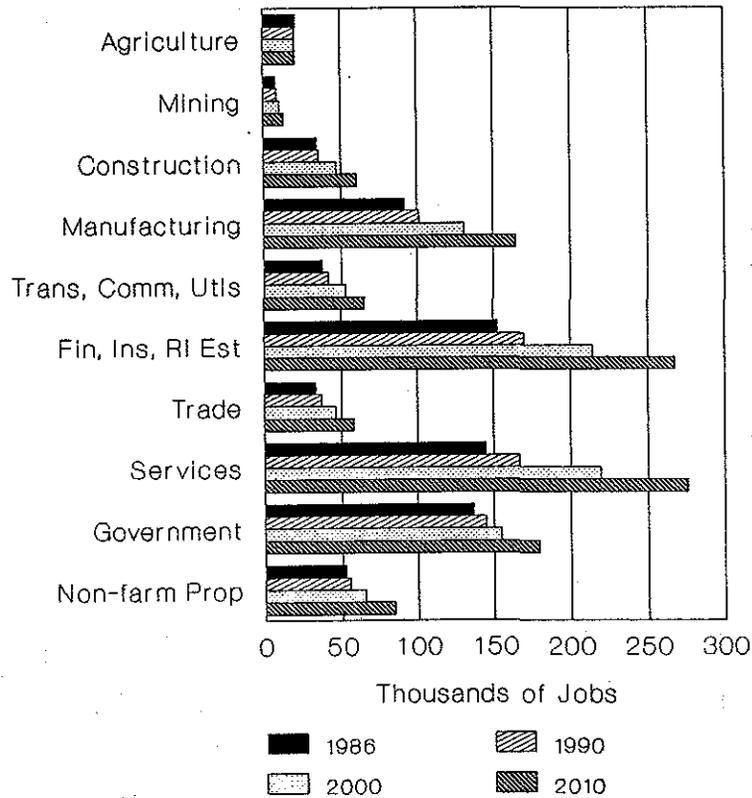


TABLE 8
STATE OF UTAH
TOTAL EMPLOYMENT BY INDUSTRY

	AGRICUL- TURE (1)	MINING	CONSTRUC- TION	MANUFAC- TURING	TCPU (2)	TRADE	FIRE (3)	SERVICES (4)	GOV'T (5)	NON-FARM PROPRIETORS	TOTAL EMPLOY	TOTAL WAGE AND SALARY
1980												
NUMBER OF JOBS	21,966	18,500	31,549	87,700	34,120	128,678	25,768	102,232	122,240	44,626	617,379	550,781
% OF TOTAL	3.6%	3.0%	5.1%	14.2%	5.5%	20.8%	4.2%	16.6%	19.8%	7.2%	100.0%	
1986												
NUMBER OF JOBS	20,845	7,810	34,100 (6)	92,085	37,543	152,440	32,868	144,800	136,476	52,200	711,167	634,138
% OF TOTAL	2.9%	1.1%	4.8%	12.9%	5.3%	21.4%	4.6%	20.4%	19.2%	7.3%	100.0%	
1990												
NUMBER OF JOBS	20,300	8,800	35,300	101,400	41,600	170,200	36,900	166,700	145,000	54,900	781,100	706,300
% OF TOTAL	2.6%	1.1%	4.5%	13.0%	5.3%	21.8%	4.7%	21.3%	18.6%	7.0%	100.0%	
1995												
NUMBER OF JOBS	20,300	9,600	41,100	116,900	47,700	193,700	41,900	195,600	151,200	58,900	876,900	797,800
% OF TOTAL	2.3%	1.1%	4.7%	13.3%	5.4%	22.1%	4.8%	22.3%	17.2%	6.7%	100.0%	
2000												
NUMBER OF JOBS	20,300	10,500	46,800	131,400	52,800	214,500	46,200	219,900	155,100	65,400	962,900	877,800
% OF TOTAL	2.1%	1.1%	4.9%	13.6%	5.5%	22.3%	4.8%	22.8%	16.1%	6.8%	100.0%	
2005												
NUMBER OF JOBS	20,300	11,600	53,200	147,200	58,700	238,600	51,500	245,800	164,800	75,100	1,066,800	971,600
% OF TOTAL	1.9%	1.1%	5.0%	13.8%	5.5%	22.4%	4.8%	23.0%	15.4%	7.0%	100.0%	
2010												
NUMBER OF JOBS	20,300	12,800	60,300	164,900	65,300	267,100	58,100	275,700	179,500	84,600	1,188,600	1,084,600
% OF TOTAL	1.7%	1.1%	5.1%	13.9%	5.5%	22.5%	4.9%	23.2%	15.1%	7.1%	100.0%	
AVG ANNUAL GROWTH												
1980-1986	-0.9%	-13.4%	1.3%	0.8%	1.6%	2.9%	4.1%	6.0%	1.9%	2.6%	2.4%	
1986-2010	-0.1%	2.1%	2.4%	2.5%	2.3%	2.4%	2.4%	2.7%	1.1%	2.0%	2.2%	

- (1) Includes Agricultural Services
- (2) Transportation, Communication, Public Utilities
- (3) Finance, Insurance, Real Estate
- (4) Includes Private Household employees and State/Local Hospitals
- (5) Excludes State/Local Hospitals
- (6) Includes IPP construction

Source: 1980-1986, Utah Department of Employment Security and
U.S. Bureau of Economic Analysis
1990-2010, Utah Office of Planning and Budget, UPED Model

Figure 8

Employment as a Percent of the Total by Industry

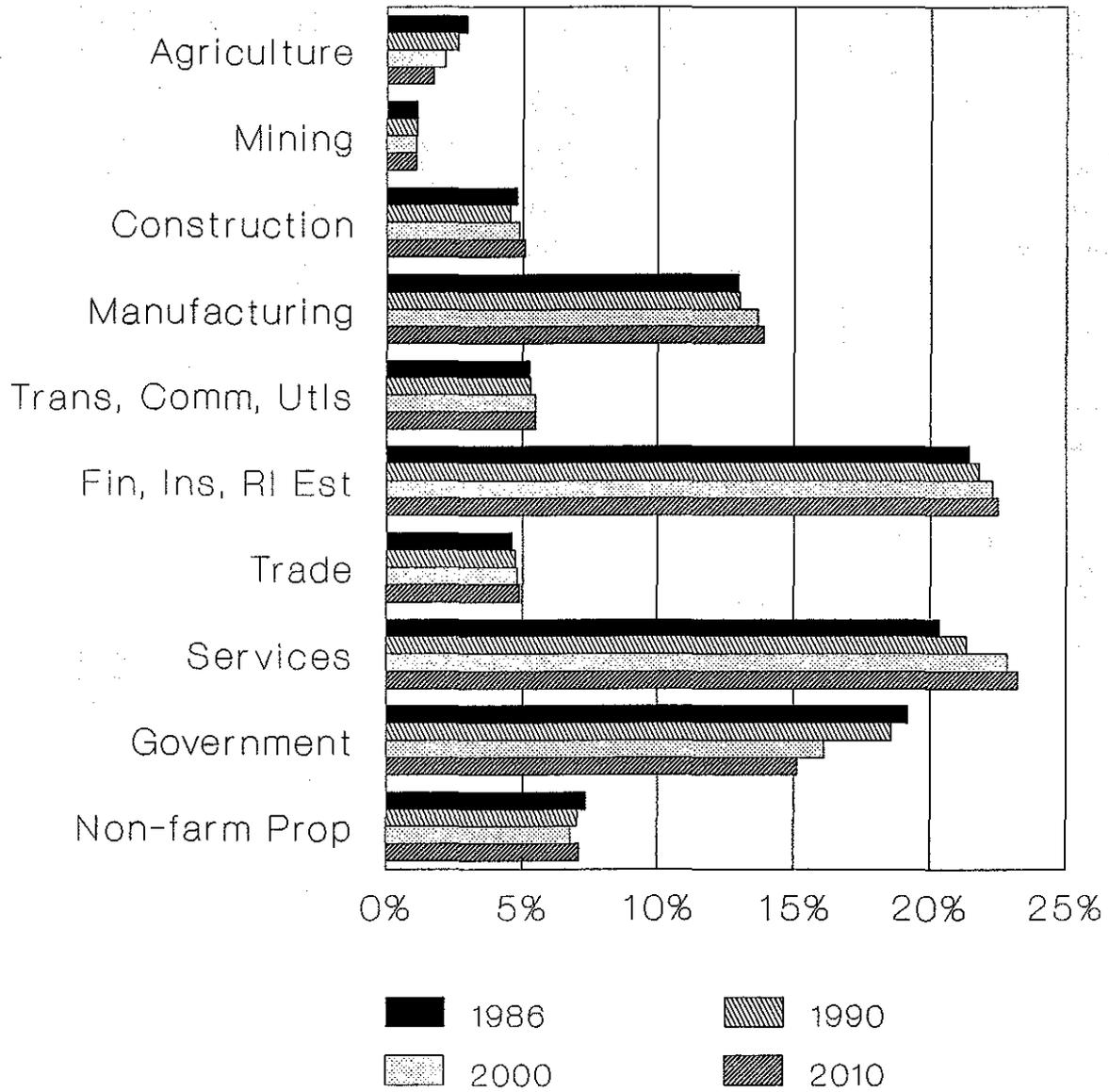


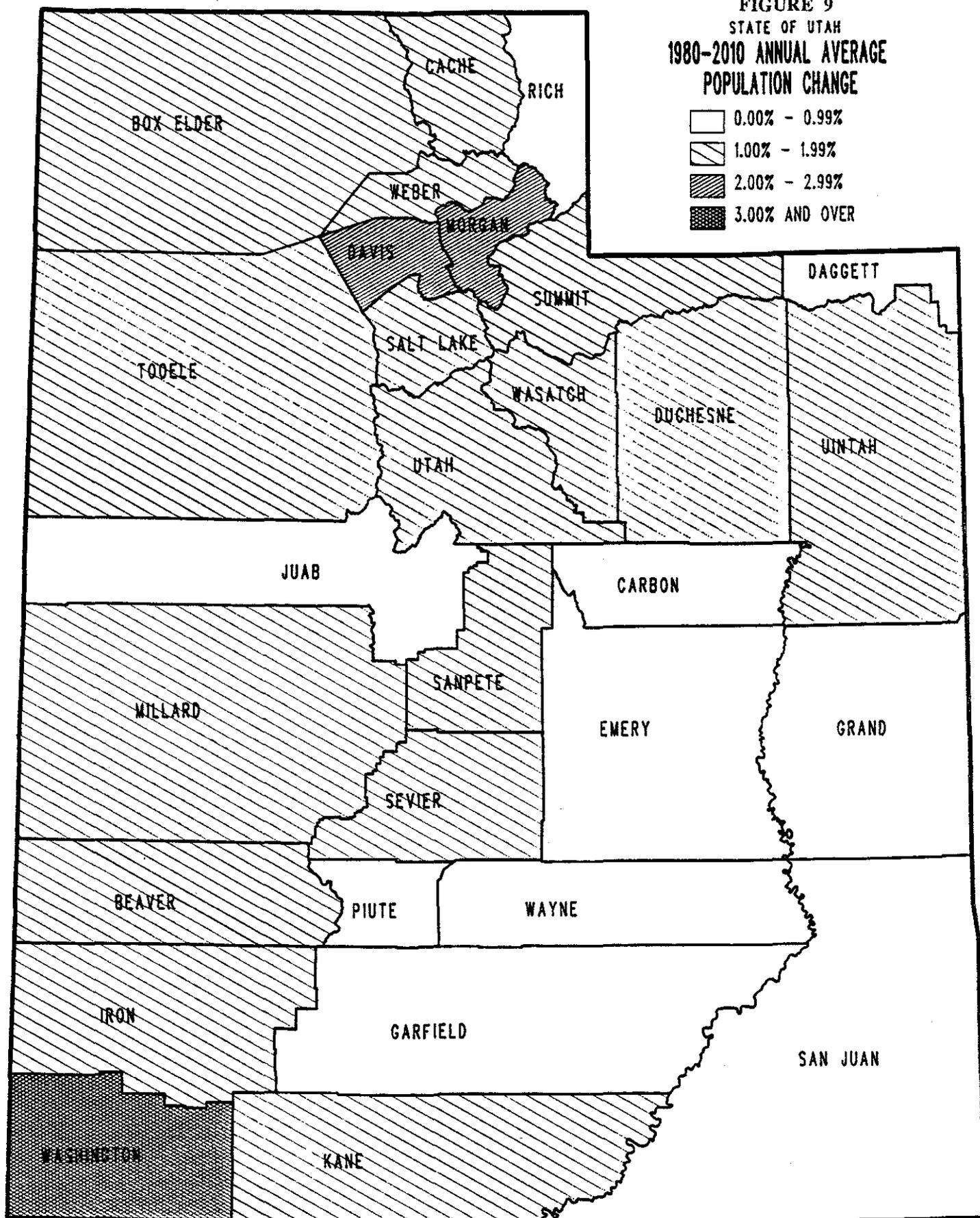
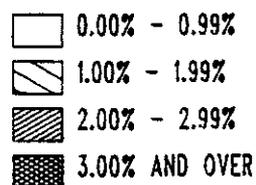
TABLE 9
UTAH BASELINE PROVISIONAL POPULATION PROJECTIONS
APRIL 1988
1980-2010

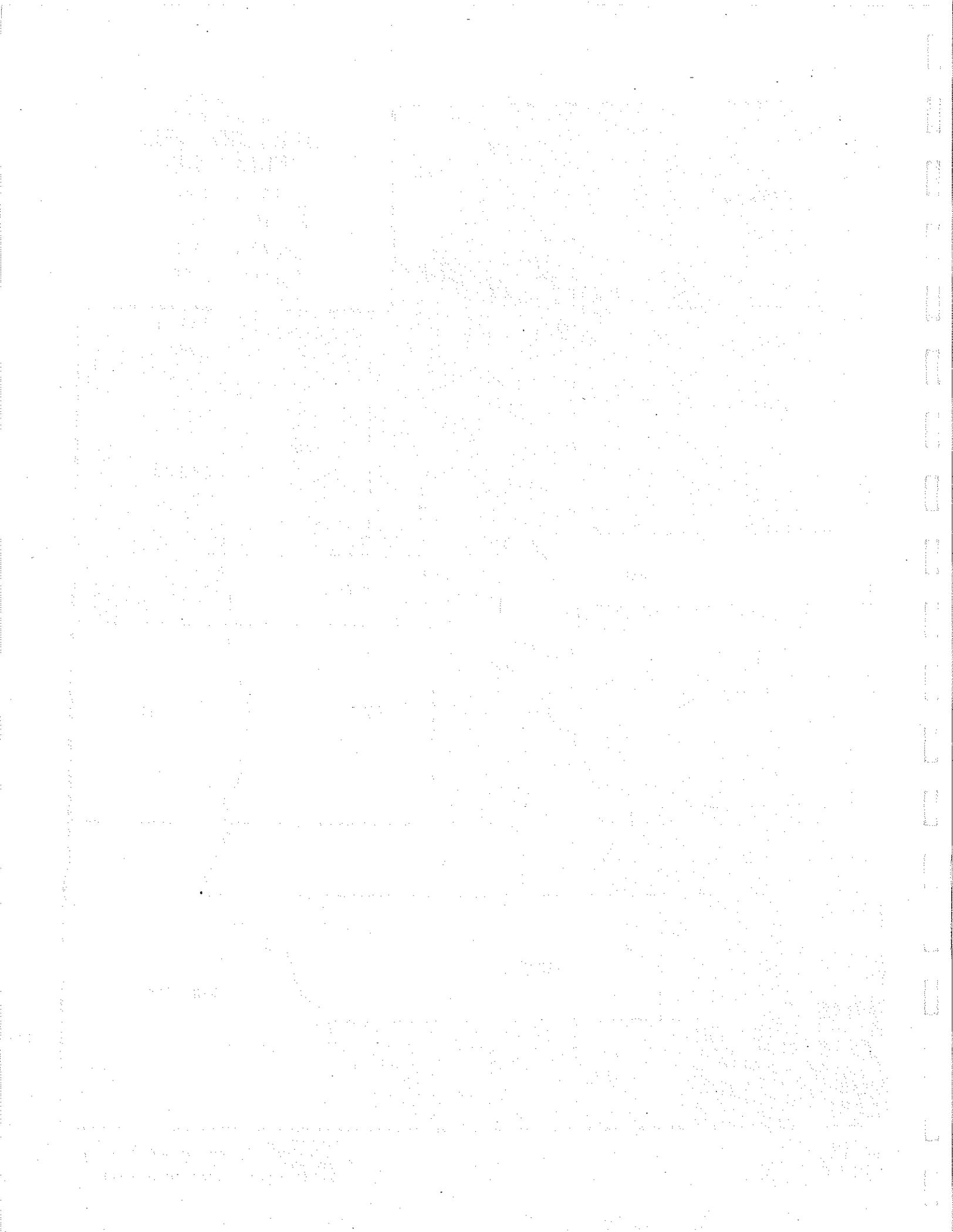
COUNTY	1980	1985	1987	1990	1995	2000	2005	2010	ANNUAL % CHANGE 1980-2010
Bear River MCD	93,350	105,400	108,950	112,800	119,400	124,900	135,200	150,300	1.6%
Box Elder	33,500	36,600	37,800	38,900	40,600	41,900	44,800	49,400	1.3%
Cache	57,700	66,700	69,200	71,800	76,600	80,600	87,800	98,100	1.8%
Rich	2,150	2,100	1,950	2,100	2,200	2,400	2,600	2,800	0.9%
Wasatch Front MCD	949,150	1,047,750	1,069,750	1,138,700	1,242,500	1,332,000	1,463,200	1,628,100	1.8%
Davis	148,000	170,000	179,000	194,000	217,000	238,000	266,000	300,000	2.4%
Morgan	4,950	5,450	5,650	5,950	6,450	6,950	8,050	9,200	2.1%
Salt Lake	625,000	689,000	700,000	747,000	813,000	869,000	954,000	1,062,000	1.8%
Tooele	26,200	28,300	28,100	29,800	32,500	34,700	38,100	42,300	1.6%
Weber	145,000	155,000	157,000	162,000	174,000	184,000	197,000	215,000	1.3%
Mountainland MCD	239,050	271,600	279,900	287,700	295,600	304,300	317,700	369,100	1.5%
Summit	10,400	12,400	13,200	13,600	14,000	14,400	15,300	18,100	1.9%
Utah	220,000	250,000	257,000	264,000	271,000	280,000	292,000	339,000	1.5%
Wasatch	8,650	9,200	9,700	10,100	10,300	10,400	10,700	12,400	1.2%
Central MCD	47,600	57,200	55,000	53,200	55,350	55,850	59,550	64,950	1.0%
Juab	5,550	6,250	5,800	5,900	6,150	6,150	6,550	7,200	0.9%
Millard	9,050	14,200	13,200	11,000	11,400	11,600	12,000	12,900	1.2%
Piute	1,350	1,550	1,550	1,550	1,600	1,600	1,650	1,700	0.8%
Sanpete	14,800	16,900	16,600	16,600	17,300	17,400	18,800	20,700	1.1%
Sevier	14,900	16,200	15,800	16,000	16,700	16,900	18,200	19,900	1.0%
Wayne	1,950	2,100	2,050	2,150	2,200	2,200	2,350	2,550	0.9%
Southwest MCD	56,050	68,900	74,500	80,900	84,800	88,800	97,900	109,700	2.3%
Beaver	4,400	5,050	4,900	5,200	5,400	5,500	5,750	6,200	1.1%
Garfield	3,700	4,050	4,050	4,250	4,300	4,350	4,500	4,850	0.9%
Iron	17,500	19,400	19,500	20,900	21,600	22,400	24,000	26,300	1.4%
Kane	4,050	4,700	4,850	5,250	5,500	5,750	6,250	6,950	1.8%
Washington	26,400	35,700	41,200	45,300	48,000	50,800	57,400	65,400	3.1%
Uintah Basin MCD	34,150	39,400	36,300	39,300	40,300	42,100	47,300	54,100	1.5%
Daggett	750	700	700	700	700	700	800	800	0.2%
Duchesne	12,700	14,700	13,700	14,800	15,200	15,900	17,900	20,500	1.6%
Uintah	20,700	24,000	21,900	23,800	24,400	25,500	28,600	32,800	1.5%
Southeast MCD	54,650	54,750	53,600	54,950	54,750	54,650	59,050	65,600	0.6%
Carbon	22,400	23,400	22,400	23,300	23,200	23,000	25,000	28,000	0.7%
Emery	11,600	11,800	11,600	11,900	11,800	11,800	12,700	14,000	0.6%
Grand	8,250	7,050	6,700	6,950	6,950	6,950	7,700	8,700	0.2%
San Juan	12,400	12,500	12,900	12,800	12,800	12,800	13,700	15,000	0.6%
TOTAL*	1,474,000	1,645,000	1,678,000	1,767,000	1,893,000	2,003,000	2,180,000	2,442,000	1.7%

* May not add due to rounding

Source: 1980-1987, Utah Population Estimates Committee
1990-2010, Utah Office of Planning and Budget, UPED Model

FIGURE 9
STATE OF UTAH
1980-2010 ANNUAL AVERAGE
POPULATION CHANGE





APPENDIX A
COMPUTER MODEL

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THE UTAH PROCESS ECONOMIC & DEMOGRAPHIC MODEL (UPED)

The Utah Process Economic and Demographic Impact Simulation Model (UPED) is the official model used by the Office of Planning and Budget to project population and employment growth in the state.* UPED is a hybrid of two standard population and economic projection methodologies: (1) the cohort survival model and (2) the economic base model. In the three-component, cohort survival population model, future population levels are projected from base year figures by adding births, subtracting deaths, and adding net in-migration or subtracting net out-migration. The values of each of the three components of population change (births, deaths, and migration) are projected as a function of the initial year values and the resultant increments are added or subtracted to generate the first projection year's values. The process is then repeated to generate the second projection year's values and so on to the last projection year. The population is disaggregated into appropriate sub-groups, called cohorts, whose values are projected over time. In UPED, sex and single year of age cohorts are used. Through the projection years, of course, each cohort ages and its behavior with respect to demand for goods and services, labor force participation, fertility, mortality, and geographic mobility varies with the aging process.

According to the economic base concept, for all but the largest (national-continental regions), the primary determinant of the level of economic activity, and consequently of population size, is the amount of goods and services produced for export to other areas. Increases or decreases in basic (export) employment produce corresponding changes in the number of households deriving their income from these sectors. These changes, in turn, produce changes in the demand for goods and services produced locally for the local consumption. (These local production-local consumption activities are referred to variously as non-basic, service, residentiary, or population dependent sectors). Initial changes in population dependent sectors in turn, produce changes in population and in household incomes which generate further changes until, finally, a given projected initial change in basic sector employment will produce a "multipliered" change in population dependent and local employment as well as in population.

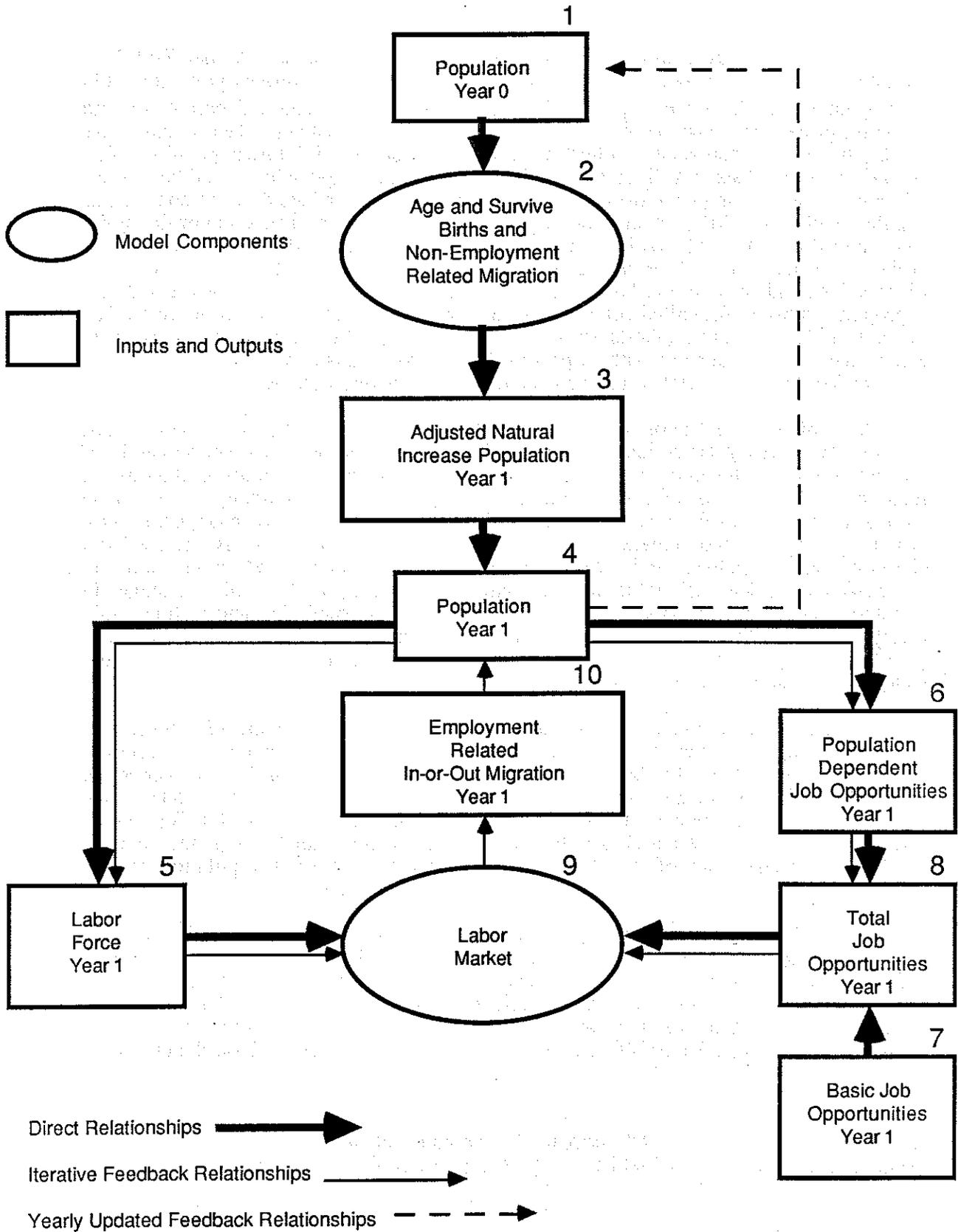
In UPED, the economic base methodology is adapted to affect population projection through the migration component. Population projections, in turn, generate residentiary employment for each level of basic employment. Thus, the cohort survival and economic base methodologies are combined in UPED to form a complex systems model. The workings of the UPED Model and of its key data requirements are presented in Figure A-1. The top three boxes represent the natural increase (births and deaths), aging, and the non-employment related part of the migration components of UPED's population project methodology.

The initial (Year t) population, consisting of a census-type count or estimate of all people residing in the area by age and sex is adjusted to reflect the temporary absence of some individuals who are permanent residents (an increase) and/or the temporary presence of individuals who are not permanent residents (a decrease). Relevant categories here include college students, military, and LDS missionaries. The resultant estimate of the permanent resident population is then survived by applying cohort specific survival rates.

*Rodger Weaver, et.al., UPED79, Bureau of Economic and Business Research, College of Business, University of Utah and Utah State Planning Coordinator's Office, Salt Lake City, Utah, 1980.

FIGURE A-1

SIMPLIFIED GENERAL FLOWCHART OF THE UPED MODEL



The result is the subset of the initial resident population expected to still be alive the next year. Members of each cohort have aged one year. The aged-survived population is adjusted to reflect projected levels of temporary absence (a decrease) or presence (an increase) and permanent non-employment related in-(increase) and out-(decrease) migration. Total births are projected by applying a vector of age specific birth rates to the female component of this adjusted aged-survived population. Infants' sex composition and infant mortality are also projected at this stage. The result of these calculations, as shown in Box 3, is the Adjusted Natural Increase Population at Year t+1, which becomes the initial estimate of population in that year (Box 4).

This first approximation population projection is the source of two elements of Labor Market Analysis: (1) the initial (pre-employment related migration) Labor Force and (2) initial Population Dependent Job Opportunities at Year t+1 (Boxes 5 and 6, respectively). The Labor Force is derived by applying projected age and sex specific labor force participation rates to the projected population. The projected participation rates are dependent upon both extrapolations of their secular trends and year-to-year changes in area economic opportunity.

Population dependent job opportunities are projected as dependent upon (1) the size and age composition of the population, (2) projected sector specific ratios of area per capita residentiary employment to national employment per capita, and (3) projections of national residentiary employment by sector and/or national population by cohort. Thus, changes in the size and/or demographic composition of the population, in the capability of the area to produce goods and services for its own consumption, and/or national economic and demographic conditions can all influence the projection of each sectors population dependent job opportunities. The most critical operational assumptions here are the local-national per capita residentiary employment relatives. Of special importance is the ability to adjust these assumptions to reflect structural changes as market expansion leads to import substitution possibilities.

As Box 7 indicates, basic employment demand is exogenously projected by sector and treated parametrically in UPED. These projections of basic employment are varied to reflect the different economic developments to be analyzed. For example, to project the impacts of a particular power plant, the direct basic employment by industrial sector involved in constructing and operating the plant would be added to a baseline basic employment projections and the sum would serve as the basic job opportunities input for that power plant's UPED run.

Basic and population dependent job opportunities are summed to produce Total Job Opportunities at Year t+1 (Box 8). This, initial value for both the supply of and demand for labor are introduced into the Labor Market component of UPED, where they are used to calculate the projected unemployment rate as an index of the area's economic opportunities. This rate is compared against a parametrically established "normal" range of unemployment rates. If it is higher than the upper bound of the range -- the out-migration triggering rate -- this is taken to indicate inadequate opportunities for the natural increase population and Employment related Out-Migration at t+1 is projected. Alternatively, if it is below the lower bound -- the in-migration triggering prosperity is indicated and Employment Related In-Migration at Year t+1 is projected.

The amount of migration projected is sufficient to provide the labor force required to adjust the unemployment rate to the relevant triggering rate, assuming no change in population dependent job opportunities. The demographic detail of this migration reflects

cohort difference in (1) labor force participation rates, (2) migration propensities, and (3) the composition of the source population (local population for out-migration, national population for in-migration).

Of course, the assumption stressed in the previous paragraph, that job opportunities do not change as a result of migration, is invalid. The migration of workers and their families either increases or decreases population dependent job opportunities. This first round migration will prove insufficient to adjust the unemployment rate to the relevant bound of normal range, and further migration in the same direction must be projected. The short dash arrows in Figure A-1 indicate the iterative nature of the UPED solution to this interdependence problem. The iterative process continues until the calculated unemployment rate is satisfactorily close to the relevant triggering rate, at which time solution is achieved and no further migration or employment changes are calculated. Final population, migration, and employment outputs are presented with the former being used to derive projections of households, labor force, and school age population. The solution value for projected population is then fed back into the Model (long dash arrow in Figure A-1) to serve as the initial population vector for the next projection year.

APPENDIX B
STATE OF UTAH DETAIL PROJECTIONS

SOURCES:

Population Data

1980, U.S. Bureau of Census
1981-1987, Utah Population Estimates Committee
1981-2010, Utah Office of Planning and Budget, UPED Model

Employment Data

1980-1986, Utah Department of Employment Security and
U.S. Bureau of Economic Analysis
1987-2010, Utah Office of Planning and Budget, UPED Model

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April 1988

TABLE B-1

STATE OF UTAH ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	AVERAGE HOUSEHOLD SIZE
1987	1,678,000	---	438,800	---	726,000	---	651,000	---	538,000	---	3.12
1988	1,711,000	2.0%	445,000	1.4%	743,000	2.3%	667,000	2.5%	550,000	2.2%	3.11
1989	1,739,000	1.6%	453,000	1.8%	761,000	2.4%	685,000	2.7%	562,000	2.2%	3.09
1990	1,767,000	1.6%	462,000	2.0%	781,000	2.6%	706,000	2.9%	576,000	2.5%	3.07
1991	1,792,000	1.4%	465,000	0.6%	799,000	2.3%	722,000	2.4%	588,000	2.1%	3.05
1992	1,819,000	1.5%	469,000	0.9%	819,000	2.5%	741,000	2.6%	600,000	2.0%	3.03
1993	1,844,000	1.4%	471,000	0.4%	839,000	2.4%	759,000	2.4%	612,000	2.0%	3.01
1994	1,871,000	1.5%	471,000	0.0%	859,000	2.4%	779,000	2.6%	625,000	2.1%	2.99
1995	1,893,000	1.2%	468,000	-0.6%	877,000	2.1%	798,000	2.3%	637,000	1.9%	2.97
1996	1,910,000	0.9%	465,000	-0.6%	892,000	1.7%	811,000	1.8%	647,000	1.6%	2.95
1997	1,927,000	0.9%	459,000	-1.3%	908,000	1.8%	826,000	1.8%	658,000	1.7%	2.93
1998	1,950,000	1.2%	454,000	-1.1%	926,000	2.0%	842,000	1.9%	670,000	1.8%	2.91
1999	1,976,000	1.3%	449,000	-1.1%	945,000	2.1%	860,000	2.1%	684,000	2.1%	2.89
2000	2,003,000	1.4%	445,000	-0.9%	963,000	1.9%	878,000	2.0%	698,000	2.0%	2.87
2001	2,033,000	1.5%	444,000	-0.2%	983,000	2.1%	894,000	1.9%	713,000	2.1%	2.85
2002	2,064,000	1.5%	443,000	-0.2%	1,002,000	1.9%	912,000	2.0%	729,000	2.2%	2.83
2003	2,100,000	1.7%	444,000	0.2%	1,023,000	2.1%	931,000	2.1%	745,000	2.2%	2.82
2004	2,140,000	1.9%	448,000	0.9%	1,045,000	2.2%	952,000	2.3%	763,000	2.4%	2.80
2005	2,180,000	1.9%	454,000	1.3%	1,067,000	2.1%	972,000	2.1%	781,000	2.4%	2.79
2006	2,225,000	2.1%	461,000	1.5%	1,089,000	2.1%	992,000	2.1%	801,000	2.6%	2.78
2007	2,273,000	2.2%	469,000	1.7%	1,111,000	2.0%	1,013,000	2.1%	820,000	2.4%	2.77
2008	2,327,000	2.4%	480,000	2.3%	1,136,000	2.3%	1,036,000	2.3%	843,000	2.8%	2.75
2009	2,384,000	2.4%	491,000	2.3%	1,162,000	2.3%	1,060,000	2.3%	865,000	2.6%	2.75
2010	2,442,000	2.4%	504,000	2.6%	1,189,000	2.3%	1,084,000	2.3%	889,000	2.8%	2.75

TABLE B-2

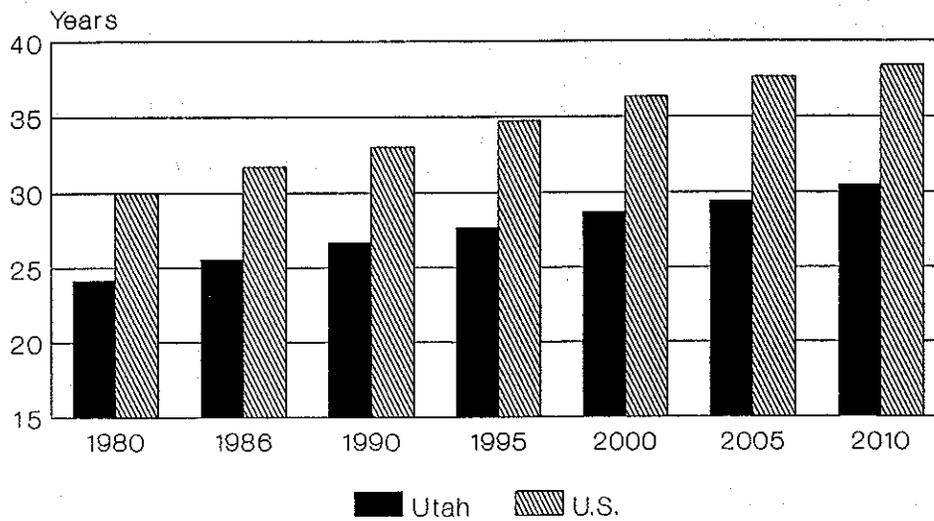
STATE OF UTAH EMPLOYMENT
BY DETAILED INDUSTRY

SIC CODE		1986	1990	1995	2000	2005	1986-2010 2010 RATE OF CHG.	
1,2,8,9	Agriculture	19,100	18,200	17,800	17,300	16,900	16,400	-0.63%
	7 AG Services	1,745	2,100	2,500	2,900	3,400	3,900	3.41%
	12 Coal Mining	2,770	3,000	3,500	3,900	4,400	4,900	2.41%
	13 Pet. and Natural Gas	2,427	2,600	2,900	3,300	3,800	4,300	2.41%
	10 Metal Mining	1,752	2,300	2,300	2,300	2,400	2,500	1.49%
	14 Non-Metal/Fuel Mining	861	900	900	1,000	1,000	1,100	1.03%
	15 General Construction	9,435	10,500	12,200	13,800	15,700	17,700	2.66%
	16 Heavy Const. Incl. IPP	6,500	5,000	5,700	6,400	7,200	8,200	0.97%
	17 Special Trades Construc.	18,165	19,800	23,200	26,600	30,300	34,400	2.70%
	20 Food Manufacturing	9,556	10,900	11,500	12,100	12,900	13,700	1.51%
22,23	Text. and App. Mfg.	5,753	6,200	6,700	6,900	7,100	7,500	1.11%
	27 Printing and Publishing	7,328	8,100	9,300	10,200	11,200	12,400	2.22%
	28 Chemical Manufacturing	2,692	3,000	3,500	4,000	4,500	5,100	2.70%
24,25	Lumber/Furniture Mfg.	6,207	6,900	8,000	9,000	10,100	11,500	2.60%
35,36	Machine Manufacturing	22,069	24,700	29,900	35,300	41,000	47,100	3.21%
	37 Transportation Equip. Mfg.	14,833	16,000	19,100	22,300	25,600	29,100	2.85%
	29 Petroleum Refining	827	800	800	800	800	800	-0.14%
	33 Primary Metal Mfg.	3,502	3,500	3,600	3,700	3,900	4,000	0.56%
	34 Fabricated Metal Mfg.	5,735	6,400	7,000	7,500	8,100	8,800	1.80%
	32 Stone/clay/glass Mfg.	4,404	4,500	5,400	5,900	6,500	7,300	2.13%
26, 30	31 Misc. and Other Mfg.	9,181	10,400	12,100	13,700	15,500	17,600	2.75%
38, 39	40 Railroad Transportation	3,527	3,500	3,500	3,500	3,500	3,500	-0.03%
	42 Motor Freight and Warehse	10,640	12,000	13,600	15,000	16,700	18,600	2.35%
	41 Local Suburban Trans.	901	900	1,000	1,100	1,200	1,300	1.54%
	45 Air Transportation	5,111	5,700	7,100	8,400	9,800	11,300	3.36%
44,46	Pipe and Water Trans.	98	100	100	100	100	200	3.02%
	47 Transportation Services	1,490	1,700	2,000	2,400	2,700	3,100	3.10%
	48 Communications	7,707	8,700	10,400	11,600	13,000	14,500	2.67%
	49 Electric/Gas and Sanitation	8,070	9,000	10,000	10,700	11,700	12,800	1.94%
50,51	Wholesale Trade	36,099	39,400	44,400	50,400	58,000	67,300	2.63%
	58 Eat/Drinking Retail	37,488	42,300	49,800	54,500	59,700	65,700	2.37%
	52 Bldg. Materials/Farm Equip.	5,253	5,700	6,200	6,800	7,500	8,200	1.87%
	53 Gen. Merchandise Retail	12,766	14,900	17,500	19,100	20,900	23,200	2.52%
	54 Food Retail	21,312	24,000	27,100	30,000	33,100	36,700	2.29%
	55 Auto Dealer/Serv. Stations	13,963	15,100	16,100	17,400	18,900	20,900	1.69%
	56 Apparel Retail	5,801	6,500	7,200	7,900	8,800	9,700	2.17%
	57 Furniture Retail	4,557	5,000	5,500	6,100	6,700	7,400	2.04%
	59 Miscellaneous Retail	15,202	17,300	19,900	22,300	25,000	28,000	2.58%
60,61	Banks and Credit	16,996	19,200	21,900	24,300	26,900	30,200	2.42%
63,64	Insurance	7,740	8,800	9,800	10,700	11,800	13,200	2.25%
62,67	Securities/Investments	2,037	2,300	2,700	3,000	3,400	3,800	2.63%
65,66	Real Estate	6,095	6,600	7,500	8,200	9,400	10,900	2.45%
	70 Hotels/Lodging	9,740	11,100	13,300	15,800	18,300	21,100	3.27%
	72 Personal Services	5,587	6,000	6,700	7,200	7,800	8,600	1.81%
	73 Business Services	26,040	31,900	40,400	46,400	52,500	59,600	3.51%
75,76	Misc. and Auto Repair	7,755	8,800	10,300	11,500	12,800	14,400	2.61%
78,79	Amusement/Recreation	8,978	10,400	12,000	13,200	14,500	16,000	2.44%
	88 Private Household	3,850	3,700	3,500	3,300	3,200	3,000	-1.03%
	80 Medical/Hospitals	41,271	47,800	56,800	65,000	74,200	85,000	3.06%
82,833	Private Education	14,314	14,700	15,100	15,200	15,600	16,200	0.52%
81,83,84	Misc. Professional Services	27,273	32,300	37,500	42,300	46,900	51,800	2.71%
86,89	Federal Public Admin.	11,379	13,600	13,900	14,200	14,800	15,500	1.30%
	Federal Military	23,403	24,100	25,000	25,900	26,800	27,700	0.70%
	Federal Post Office	3,744	3,700	3,700	3,800	3,900	4,000	0.28%
	State Public Administration	14,254	14,800	15,500	16,400	17,500	18,800	1.16%
	State School	20,580	22,200	24,900	27,500	29,800	31,800	1.83%
	Local Public Administration	23,997	24,600	27,400	29,200	31,700	34,800	1.56%
	Local School	39,119	42,000	40,800	38,100	40,300	46,900	0.76%
	Non-Farm Proprietors	52,200	54,900	58,900	65,400	75,100	84,600	2.03%
TOTAL EMPLOYMENT		711,167	781,100	876,900	962,900	1,066,800	1,188,500	2.16%
TOTAL WAGE AND SALARY		634,138	706,300	797,800	877,800	971,600	1,083,500	2.26%

TABLE B-3
STATE OF UTAH AND UNITED STATES
MEDIAN AGE
SELECTED YEARS 1980-2010

YEAR	UTAH	UNITED STATES
1980	24.2	30.0
1986	25.6	31.7
1990	26.7	33.0
1995	27.7	34.7
2000	28.7	36.3
2005	29.4	37.6
2010	30.5	38.4

Figure B-1
Median Age of the Population
for Utah and the U.S.



Source: U.S Bureau of the Census
Office of Planning & Budget, UPED Model.

TABLE B-4

STATE OF UTAH
POPULATION PROJECTIONS BY FIVE YEAR AGE GROUPS BY SEX
SELECTED YEARS 1980-2010

AGE/MALE	1980	1986	1990	1995	2000	2005	2010
0-4	97,310	95,611	87,606	88,289	93,054	104,036	116,801
5-9	74,483	96,835	96,980	86,681	86,788	93,551	107,039
10-14	64,228	78,481	93,038	96,093	85,522	87,492	96,437
15-19	69,021	69,181	74,560	90,787	92,681	84,826	88,818
20-24	75,915	72,745	71,427	77,304	91,836	97,595	93,893
25-29	68,860	76,377	73,138	70,202	75,427	94,990	106,293
30-34	53,430	67,624	71,226	70,156	66,150	74,472	98,489
35-39	39,561	56,891	64,823	70,971	69,119	67,459	78,583
40-44	31,574	40,760	52,502	64,005	69,408	69,631	70,448
45-49	28,201	32,484	39,018	51,709	62,406	69,196	71,593
50-54	27,594	27,615	30,626	38,118	50,260	61,723	70,147
55-59	25,604	26,373	26,240	29,437	36,459	48,897	61,275
60-64	22,152	24,142	24,714	24,653	27,542	34,667	47,480
65-69	17,636	21,736	22,971	23,767	23,618	26,608	33,758
70-74	13,031	17,421	19,853	21,377	21,982	22,142	25,140
75-79	8,263	11,669	14,156	16,738	17,882	18,589	19,017
80-84	4,627	6,458	8,190	10,245	11,956	12,885	13,589
85+	3,011	4,425	5,631	7,505	9,476	11,457	13,108
TOTAL	724,501	826,828	876,699	938,037	991,566	1,080,216	1,211,908

AGE/FEMALE	1980	1986	1990	1995	2000	2005	2010
0-4	92,652	91,133	83,392	84,042	88,571	99,014	111,153
5-9	71,704	92,264	92,511	82,557	82,657	89,095	101,936
10-14	61,453	75,148	88,515	91,651	81,434	83,311	91,835
15-19	69,882	70,153	75,697	90,677	93,093	85,047	88,841
20-24	79,761	72,761	72,667	80,135	94,396	100,274	96,249
25-29	66,227	73,213	67,831	65,436	72,020	90,348	101,660
30-34	52,258	66,484	70,968	66,611	63,179	72,720	95,245
35-39	39,617	56,209	64,373	70,998	65,910	64,711	76,938
40-44	32,054	40,636	51,911	63,751	69,635	66,613	67,824
45-49	28,820	33,008	39,409	51,434	62,528	69,759	68,911
50-54	28,251	28,542	31,640	38,966	50,607	62,565	71,451
55-59	27,097	27,776	27,684	30,984	37,982	50,137	63,173
60-64	24,108	26,350	26,660	26,845	29,918	37,235	50,132
65-69	20,547	24,807	26,455	27,012	27,085	30,352	37,958
70-74	16,606	22,070	24,795	26,747	27,192	27,524	30,950
75-79	11,979	16,729	20,153	23,424	25,072	25,704	26,310
80-84	7,679	11,153	13,792	17,019	19,526	21,021	21,787
85+	5,841	9,435	12,270	16,256	20,332	24,269	27,690
TOTAL	736,536	837,871	890,723	954,545	1,011,137	1,099,699	1,230,043

TABLE B-4 (Continued)

AGE/TOTAL	1980	1986	1990	1995	2000	2005	2010
0-4	189,962	186,744	170,998	172,331	181,625	203,050	227,954
5-9	146,187	189,099	189,491	169,238	169,445	182,646	208,975
10-14	125,681	153,629	181,553	187,744	166,956	170,803	188,272
15-19	138,903	139,334	150,257	181,464	185,774	169,873	177,659
20-24	155,676	145,506	144,094	157,439	186,232	197,869	190,142
25-29	135,087	149,590	140,969	135,638	147,447	185,338	207,953
30-34	105,688	134,108	142,194	136,767	129,329	147,192	193,734
35-39	79,178	113,100	129,196	141,969	135,029	132,170	155,521
40-44	63,628	81,396	104,413	127,756	139,043	136,244	138,272
45-49	57,021	65,492	78,427	103,143	124,934	138,955	140,504
50-54	55,845	56,157	62,266	77,084	100,867	124,288	141,598
55-59	52,701	54,149	53,924	60,421	74,441	99,034	124,448
60-64	46,260	50,492	51,374	51,498	57,460	71,902	97,612
65-69	38,183	46,543	49,426	50,779	50,703	56,960	71,716
70-74	29,637	39,491	44,648	48,124	49,174	49,666	56,090
75-79	20,242	28,398	34,309	40,162	42,954	44,293	45,327
80-84	12,306	17,611	21,982	27,264	31,482	33,906	35,376
85+	8,852	13,860	17,901	23,761	29,808	35,726	40,798
TOTAL	1,461,037	1,664,699	1,767,422	1,892,582	2,002,703	2,179,915	2,441,951

TABLE B-5

STATE OF UTAH
POPULATION PROJECTIONS BY SINGLE YEAR OF AGE
1980-2010

AGE	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0-1	42,233	41,390	41,065	38,615	38,109	37,253	35,052	34,518	34,142	33,859
1	39,408	42,560	41,337	40,655	38,168	37,868	36,905	34,822	34,396	34,101
2	38,240	39,755	42,526	40,959	40,237	37,944	37,539	36,697	34,720	34,376
3	36,447	38,575	39,706	42,149	40,551	39,983	37,610	37,334	36,590	34,693
4	33,634	36,784	38,516	39,344	41,745	40,280	39,637	37,402	37,221	36,545
5	31,471	34,940	37,703	39,006	39,671	42,248	40,035	39,420	37,290	37,170
6	29,198	29,756	32,803	35,417	36,945	37,727	39,321	39,695	39,181	37,112
7	28,650	29,708	29,851	32,771	35,336	36,699	38,303	39,158	39,630	39,174
8	27,665	29,167	29,801	29,832	32,699	35,098	35,361	38,144	39,088	39,613
9	29,203	28,215	29,292	29,814	29,798	32,507	36,085	35,256	38,122	39,120
10	27,394	29,701	28,279	29,280	29,764	29,607	34,198	35,941	35,190	38,093
11	25,509	27,785	29,667	28,166	29,129	29,474	31,136	33,947	35,758	35,048
12	24,324	26,002	27,861	29,654	28,110	28,941	30,453	31,014	33,886	35,737
13	24,560	24,833	26,098	27,878	29,470	27,799	29,817	30,275	30,900	33,812
14	23,894	25,040	24,898	26,087	27,707	29,337	28,026	29,681	30,198	30,865
15	24,998	24,401	25,137	24,923	25,812	27,442	29,000	27,820	29,530	30,086
16	26,092	25,485	24,479	25,140	24,718	25,772	29,671	28,961	27,841	29,586
17	27,185	26,374	25,371	24,307	24,908	24,575	26,811	29,500	28,839	27,769
18	29,809	29,982	28,912	28,055	26,966	27,407	27,365	29,112	31,720	31,137
19	30,819	29,572	29,383	28,581	27,735	26,596	26,488	26,372	27,909	30,174
20	28,716	30,607	28,150	27,930	26,999	25,836	24,995	24,199	24,132	25,709
21	31,158	34,043	34,918	31,738	31,357	29,860	30,169	29,390	28,188	28,226
22	32,346	32,150	34,906	35,689	32,351	31,586	29,744	30,536	29,902	28,764
23	32,298	32,321	31,987	34,670	35,295	31,544	30,348	29,056	29,981	29,421
24	31,158	32,160	32,084	31,667	34,163	34,366	30,250	29,578	28,427	29,454
25	29,965	30,705	31,631	31,396	30,791	32,960	32,567	29,154	28,633	27,581
26	28,610	29,657	30,354	31,120	30,714	29,772	31,384	31,630	28,385	27,999
27	27,254	28,457	29,458	29,992	30,592	29,855	28,482	30,617	31,011	27,916
28	24,897	27,051	28,203	29,049	29,411	29,680	28,507	27,696	29,949	30,484
29	24,361	25,014	27,122	28,118	28,801	28,835	28,645	28,054	27,372	29,764
30	23,355	24,651	25,238	27,291	28,146	28,526	28,182	28,523	28,048	27,480
31	22,207	23,621	24,888	25,386	27,295	27,845	27,857	27,986	28,443	28,087
32	22,402	22,475	23,857	25,045	25,397	27,007	27,196	27,666	27,910	28,487
33	21,178	22,673	22,708	24,019	25,065	25,132	26,381	27,010	27,592	27,954
34	16,546	21,441	22,869	22,833	24,005	24,767	24,493	26,156	26,891	27,587
35	16,750	16,647	21,567	22,875	22,793	23,755	24,239	24,375	26,121	26,943
36	17,392	16,878	16,756	21,608	22,852	22,599	23,290	24,105	24,317	26,140
37	16,701	17,507	16,980	16,776	21,583	22,714	22,170	23,157	24,033	24,321
38	14,252	16,826	17,606	16,998	16,756	21,452	22,319	22,051	23,085	24,034
39	14,083	14,367	16,938	17,625	16,983	16,659	21,079	22,228	22,000	23,100
40	13,544	14,237	14,521	17,007	17,639	16,925	16,400	20,971	22,156	21,978
41	13,057	13,694	14,380	14,596	17,030	17,563	16,652	16,345	20,905	22,134
42	12,661	13,205	13,838	14,449	14,638	16,971	17,276	16,592	16,319	20,898
43	12,067	12,797	13,333	13,897	14,470	14,591	16,691	17,186	16,548	16,327
44	12,299	12,209	12,932	13,399	13,931	14,428	14,376	16,621	17,142	16,560
45	12,023	12,328	12,238	12,930	13,377	13,850	14,215	14,312	16,572	17,123
46	11,184	12,046	12,350	12,230	12,901	13,298	13,642	14,143	14,263	16,548
47	11,237	11,210	12,068	12,343	12,204	12,829	13,095	13,576	14,096	14,244
48	10,925	11,249	11,218	12,046	12,300	12,120	12,616	13,016	13,516	14,057
49	11,652	10,942	11,263	11,204	12,010	12,220	11,926	12,547	12,963	13,483

AGE	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
50	11,431	11,665	10,951	11,245	11,166	11,927	12,015	11,857	12,491	12,928
51	11,237	11,442	11,671	10,931	11,205	11,086	11,731	11,941	11,802	12,453
52	10,989	11,240	11,442	11,639	10,884	11,117	10,892	11,649	11,875	11,758
53	11,055	10,995	11,239	11,412	11,588	10,799	10,924	10,815	11,584	11,834
54	11,133	11,052	10,987	11,201	11,355	11,487	10,601	10,840	10,747	11,531
55	10,928	11,103	11,018	10,925	11,120	11,238	11,272	10,510	10,758	10,684
56	10,771	10,897	11,065	10,952	10,843	11,009	11,026	11,173	10,429	10,692
57	10,350	10,738	10,860	10,997	10,868	10,740	10,800	10,927	11,084	10,365
58	10,470	10,302	10,683	10,775	10,892	10,747	10,523	10,687	10,827	10,998
59	10,182	10,424	10,254	10,603	10,680	10,773	10,534	10,417	10,590	10,743
60	9,725	10,130	10,366	10,171	10,499	10,557	10,551	10,422	10,317	10,504
61	9,777	9,667	10,066	10,274	10,064	10,370	10,337	10,430	10,313	10,223
62	9,332	9,713	9,604	9,972	10,162	9,937	10,147	10,215	10,317	10,217
63	8,778	9,247	9,622	9,491	9,839	10,009	9,700	10,004	10,082	10,198
64	8,648	8,689	9,150	9,498	9,353	9,677	9,762	9,554	9,864	9,953
65	8,124	8,757	8,796	9,228	9,557	9,406	9,640	9,820	9,624	9,938
66	8,200	8,238	8,857	8,877	9,289	9,609	9,372	9,698	9,883	9,702
67	7,572	8,266	8,300	8,890	8,898	9,296	9,519	9,388	9,714	9,907
68	7,447	7,642	8,321	8,336	8,901	8,909	9,203	9,525	9,402	9,727
69	6,840	7,499	7,690	8,338	8,338	8,893	8,809	9,194	9,518	9,403
70	6,662	6,865	7,506	7,677	8,295	8,295	8,742	8,765	9,140	9,467
71	6,328	6,673	6,873	7,481	7,637	8,237	8,151	8,684	8,710	9,081
72	5,993	6,326	6,661	6,842	7,421	7,572	8,070	8,082	8,601	8,637
73	5,330	5,970	6,293	6,603	6,770	7,332	7,397	7,969	7,985	8,498
74	5,324	5,295	5,911	6,211	6,498	6,664	7,129	7,279	7,838	7,854
75	4,758	5,282	5,253	5,837	6,118	6,395	6,483	7,017	7,163	7,709
76	4,455	4,685	5,188	5,148	5,696	5,973	6,168	6,331	6,845	6,993
77	4,069	4,387	4,608	5,080	5,036	5,564	5,763	6,022	6,184	6,684
78	3,552	3,967	4,267	4,469	4,911	4,875	5,318	5,574	5,824	5,983
79	3,408	3,463	3,858	4,131	4,318	4,746	4,661	5,137	5,382	5,621
80	3,146	3,289	3,340	3,700	3,953	4,138	4,492	4,464	4,915	5,150
81	2,635	3,018	3,152	3,193	3,525	3,767	3,898	4,279	4,258	4,683
82	2,411	2,507	2,864	2,982	3,015	3,334	3,512	3,685	4,040	4,021
83	2,132	2,278	2,367	2,690	2,795	2,834	3,098	3,297	3,458	3,791
84	1,982	1,992	2,123	2,199	2,491	2,596	2,607	2,875	3,060	3,209
85+	8,852	9,754	10,547	11,330	12,061	13,039	13,861	14,736	15,754	16,823
TOT	1,461,037	1,516,650	1,560,799	1,595,887	1,625,468	1,647,049	1,664,707	1,686,807	1,711,429	1,738,835

TABLE B-5 (Continued)

AGE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
0-1	34,021	34,163	34,315	34,539	34,833	35,170	35,441	35,772	36,292	37,023
1	33,836	33,934	34,107	34,238	34,502	34,714	34,966	35,239	35,664	36,240
2	34,098	33,770	33,900	34,052	34,222	34,402	34,533	34,793	35,156	35,635
3	34,365	34,025	33,733	33,840	34,033	34,119	34,220	34,356	34,704	35,123
4	34,677	34,285	33,981	33,669	33,816	33,926	33,932	34,036	34,263	34,665
5	36,517	34,591	34,239	33,915	33,645	33,711	33,737	33,748	33,943	34,227
6	37,014	36,299	34,425	34,051	33,768	33,417	33,404	33,435	33,537	33,789
7	37,128	36,966	36,289	34,400	34,074	33,709	33,279	33,268	33,392	33,554
8	39,171	37,070	36,941	36,247	34,418	34,008	33,566	33,139	33,225	33,406
9	39,660	39,156	37,086	36,944	36,298	34,394	33,903	33,468	33,134	33,276
10	39,105	39,592	39,109	37,032	36,926	36,218	34,260	33,774	33,412	33,131
11	37,959	38,924	39,432	38,933	36,899	36,729	35,962	34,018	33,608	33,297
12	35,038	37,898	38,885	39,377	38,912	36,819	36,589	35,826	33,966	33,607
13	35,674	34,931	37,807	38,781	39,306	38,775	36,622	36,395	35,714	33,908
14	33,779	35,594	34,872	37,731	38,740	39,200	38,604	36,458	36,313	35,685
15	30,763	33,633	35,467	34,735	37,620	38,570	38,963	38,371	36,306	36,204
16	30,152	30,789	33,672	35,497	34,791	37,617	38,501	38,900	38,382	36,363
17	29,507	30,019	30,677	33,515	35,342	34,596	37,329	38,208	38,688	38,234
18	30,133	31,746	32,249	32,858	35,583	37,274	36,504	39,101	40,003	40,514
19	29,704	28,760	30,175	30,575	31,152	33,410	34,828	34,174	36,448	37,251
20	27,924	27,369	26,452	27,815	28,209	28,695	30,729	32,121	31,620	33,839
21	30,136	32,722	32,083	31,010	32,690	33,116	33,537	36,098	37,918	37,378
22	28,818	30,625	33,261	32,588	31,582	33,125	33,434	33,846	36,571	38,464
23	28,306	28,257	30,138	32,768	32,169	31,004	32,443	32,748	33,327	36,144
24	28,912	27,697	27,704	29,545	32,245	31,501	30,224	31,648	32,102	32,761
25	28,646	27,974	26,789	26,754	28,719	31,326	30,428	29,136	30,743	31,289
26	26,985	27,908	27,299	26,086	26,120	27,936	30,394	29,506	28,369	30,065
27	27,567	26,428	27,406	26,751	25,617	25,507	27,195	29,633	28,903	27,867
28	27,434	26,956	25,910	26,816	26,235	24,963	24,730	26,408	28,984	28,366
29	30,336	27,161	26,767	25,675	26,646	25,903	24,525	24,301	26,104	28,784
30	29,941	30,415	27,258	26,822	25,785	26,630	25,783	24,388	24,269	26,187
31	27,554	29,897	30,443	27,250	26,885	25,716	26,444	25,605	24,334	24,305
32	28,163	27,526	29,933	30,434	27,317	26,815	25,545	26,269	25,552	24,377
33	28,560	28,131	27,569	29,924	30,497	27,248	26,635	25,380	26,216	25,591
34	27,977	28,479	28,119	27,518	29,939	30,359	27,022	26,414	25,293	26,217
35	27,661	27,986	28,536	28,148	27,591	29,931	30,276	26,937	26,409	25,349
36	26,978	27,636	27,999	28,525	28,183	27,540	29,800	30,145	26,901	26,437
37	26,162	26,937	27,633	27,971	28,542	28,114	27,402	29,651	30,082	26,918
38	24,335	26,114	26,928	27,599	27,982	28,466	27,966	27,262	29,586	30,085
39	24,064	24,305	26,121	26,912	27,624	27,923	28,331	27,836	27,217	29,607
40	23,084	23,985	24,254	26,034	26,858	27,479	27,706	28,111	27,701	27,156
41	21,965	23,005	23,938	24,181	25,984	26,721	27,263	27,491	27,968	27,629
42	22,124	21,898	22,965	23,867	24,141	25,854	26,515	27,052	27,358	27,894
43	20,888	22,043	21,847	22,880	23,814	24,004	25,636	26,290	26,892	27,264
44	16,354	20,830	22,007	21,784	22,845	23,699	23,821	25,433	26,154	26,815
45	16,548	16,318	20,808	21,968	21,763	22,780	23,593	23,717	25,368	26,126
46	17,100	16,505	16,291	20,763	21,937	21,692	22,672	23,483	23,644	25,326
47	16,533	17,055	16,482	16,258	20,745	21,867	21,589	22,564	23,413	23,609
48	14,213	16,470	17,009	16,422	16,215	20,651	21,737	21,459	22,469	23,348
49	14,032	14,164	16,433	16,955	16,391	16,151	20,535	21,617	21,376	22,416

AGE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
50	13,456	13,978	14,127	16,377	16,912	16,316	16,053	20,413	21,524	21,320
51	12,894	13,399	13,935	14,075	16,333	16,832	16,215	15,952	20,323	21,460
52	12,413	12,831	13,347	13,874	14,028	16,243	16,713	16,100	15,871	20,253
53	11,721	12,354	12,782	13,291	13,827	13,953	16,129	16,597	16,017	15,813
54	11,785	11,656	12,297	12,717	13,234	13,740	13,842	16,004	16,496	15,944
55	11,469	11,703	11,586	12,218	12,643	13,140	13,623	13,725	15,890	16,401
56	10,623	11,386	11,632	11,509	12,146	12,546	13,020	13,503	13,622	15,794
57	10,631	10,548	11,314	11,550	11,440	12,052	12,431	12,904	13,399	13,539
58	10,288	10,539	10,463	11,219	11,460	11,332	11,923	12,299	12,788	13,294
59	10,917	10,198	10,457	10,375	11,133	11,357	11,213	11,799	12,189	12,685
60	10,658	10,815	10,112	10,364	10,291	11,025	11,230	11,089	11,684	12,085
61	10,411	10,550	10,718	10,014	10,275	10,183	10,893	11,097	10,975	11,579
62	10,130	10,303	10,452	10,610	9,924	10,162	10,056	10,762	10,980	10,872
63	10,102	10,001	10,182	10,320	10,490	9,794	10,012	9,913	10,619	10,851
64	10,070	9,964	9,875	10,045	10,192	10,341	9,639	9,857	9,771	10,485
65	10,031	10,135	10,040	9,947	10,120	10,250	10,387	9,696	9,922	9,848
66	10,015	10,095	10,203	10,105	10,020	10,178	10,297	10,432	9,762	9,997
67	9,729	10,027	10,114	10,215	10,126	10,026	10,174	10,292	10,434	9,789
68	9,920	9,740	10,038	10,119	10,224	10,123	10,019	10,162	10,289	10,439
69	9,728	9,909	9,737	10,025	10,113	10,198	10,093	9,988	10,140	10,275
70	9,360	9,669	9,850	9,678	9,967	10,040	10,111	10,011	9,916	10,076
71	9,405	9,290	9,594	9,767	9,610	9,878	9,940	10,011	9,923	9,842
72	8,999	9,305	9,201	9,493	9,670	9,504	9,755	9,816	9,894	9,819
73	8,533	8,874	9,180	9,076	9,364	9,524	9,357	9,597	9,670	9,752
74	8,354	8,381	8,713	9,006	8,909	9,177	9,324	9,164	9,409	9,483
75	7,728	8,204	8,234	8,553	8,845	8,740	8,992	9,134	8,987	9,232
76	7,519	7,528	7,993	8,018	8,324	8,597	8,487	8,728	8,876	8,743
77	6,827	7,326	7,335	7,780	7,808	8,095	8,351	8,246	8,484	8,634
78	6,460	6,589	7,068	7,074	7,502	7,523	7,782	8,029	7,938	8,173
79	5,779	6,222	6,352	6,803	6,810	7,212	7,222	7,469	7,714	7,631
80	5,373	5,519	5,941	6,060	6,489	6,485	6,859	6,868	7,107	7,343
81	4,904	5,105	5,247	5,641	5,754	6,151	6,140	6,489	6,508	6,734
82	4,416	4,621	4,810	4,940	5,308	5,410	5,770	5,760	6,093	6,113
83	3,771	4,134	4,325	4,497	4,620	4,955	5,044	5,378	5,372	5,686
84	3,515	3,496	3,824	3,997	4,155	4,268	4,566	4,647	4,953	4,953
85+	17,903	19,103	20,150	21,353	22,577	23,763	24,874	26,117	27,304	28,645
1,767,438	1,792,438	1,818,971	1,843,657	1,870,793	1,892,607	1,909,589	1,927,076	1,949,836	1,976,327	

TABLE B-5 (Continued)

AGE	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-1	37,827	38,668	39,535	40,433	41,379	42,307	43,205	44,097	45,016	45,940	46,796
1	36,952	37,804	38,647	39,564	40,521	41,454	42,445	43,375	44,366	45,300	46,245
2	36,193	36,950	37,808	38,703	39,678	40,617	41,616	42,643	43,668	44,675	45,632
3	35,582	36,188	36,950	37,858	38,810	39,771	40,778	41,806	42,925	43,969	44,999
4	35,069	35,573	36,182	36,997	37,960	38,896	39,923	40,956	42,083	43,218	44,281
5	34,614	35,060	35,569	36,231	37,099	38,049	39,047	40,102	41,232	42,372	43,525
6	34,054	34,484	34,935	35,498	36,213	37,068	38,079	39,107	40,258	41,401	42,557
7	33,787	34,097	34,533	35,037	35,654	36,357	37,272	38,311	39,435	40,599	41,760
8	33,547	33,824	34,140	34,631	35,190	35,794	36,557	37,501	38,635	39,771	40,952
9	33,441	33,628	33,912	34,284	34,829	35,374	36,039	36,833	37,872	39,020	40,176
10	33,258	33,459	33,651	33,980	34,394	34,931	35,525	36,213	37,081	38,130	39,292
11	33,001	33,166	33,372	33,609	33,983	34,387	34,969	35,588	36,352	37,229	38,290
12	33,283	33,025	33,193	33,444	33,728	34,093	34,546	35,150	35,845	36,617	37,507
13	33,537	33,248	32,998	33,213	33,511	33,786	34,200	34,679	35,360	36,065	36,850
14	33,875	33,541	33,257	33,055	33,319	33,608	33,931	34,369	34,926	35,616	36,335
15	35,567	33,798	33,470	33,234	33,076	33,333	33,670	34,019	34,534	35,099	35,803
16	36,252	35,655	33,895	33,617	33,424	33,260	33,565	33,929	34,355	34,876	35,456
17	36,229	36,172	35,598	33,908	33,669	33,472	33,356	33,682	34,120	34,550	35,080
18	40,056	38,190	38,145	37,629	36,047	35,811	35,682	35,601	35,990	36,420	36,843
19	37,670	37,329	35,726	35,731	35,348	33,996	33,844	33,754	33,753	34,097	34,476
20	34,646	35,050	34,697	33,269	33,400	33,052	31,997	31,896	31,962	31,983	32,337
21	40,132	41,164	41,762	41,452	39,796	39,892	39,566	38,160	38,237	38,353	38,415
22	37,892	40,758	41,795	42,473	42,312	40,620	40,869	40,607	39,392	39,501	39,657
23	38,032	37,555	40,454	41,603	42,425	42,221	40,661	40,972	40,899	39,705	39,863
24	35,527	37,507	37,035	40,014	41,307	42,090	42,034	40,546	41,052	41,013	39,869
25	31,927	34,850	36,897	36,499	39,679	41,003	41,928	41,935	40,619	41,158	41,163
26	30,572	31,298	34,219	36,360	36,080	39,236	40,714	41,709	41,921	40,643	41,230
27	29,523	30,105	30,842	33,846	36,105	35,804	39,089	40,654	41,849	42,099	40,871
28	27,289	29,012	29,597	30,437	33,526	35,773	35,586	38,940	40,725	41,952	42,252
29	28,136	27,123	28,853	29,525	30,467	33,522	35,890	35,763	39,315	41,162	42,434
30	28,866	28,277	27,258	29,080	29,833	30,776	33,959	36,414	36,425	40,060	41,998
31	26,194	28,929	28,355	27,406	29,303	30,030	31,069	34,284	36,894	36,927	40,611
32	24,317	26,265	29,013	28,533	27,646	29,514	30,321	31,411	34,758	37,405	37,467
33	24,394	24,386	26,348	29,190	28,794	27,871	29,819	30,657	31,897	35,257	37,944
34	25,557	24,428	24,431	26,484	29,401	28,997	28,139	30,117	31,078	32,348	35,715
35	26,256	25,628	24,493	24,551	26,666	29,594	29,253	28,401	30,469	31,441	32,745
36	25,356	26,296	25,674	24,599	24,701	26,815	29,805	29,498	28,718	30,788	31,766
37	26,431	25,396	26,333	25,764	24,743	24,836	27,006	30,032	29,830	29,033	31,106
38	26,904	26,459	25,435	26,425	25,906	24,875	25,020	27,226	30,356	30,168	29,360
39	30,083	26,947	26,512	25,554	26,589	26,049	25,077	25,248	27,557	30,713	30,546
40	29,501	30,005	26,921	26,550	25,663	26,666	26,181	25,248	25,512	27,824	30,973
41	27,071	29,430	29,937	26,955	26,640	25,759	26,798	26,334	25,513	25,777	28,099
42	27,537	27,024	29,370	29,937	27,043	26,722	25,915	26,960	26,589	25,786	26,056
43	27,775	27,455	26,959	29,348	29,963	27,098	26,839	26,081	27,200	26,825	26,047
44	27,162	27,706	27,398	26,976	29,399	29,999	27,228	27,003	26,367	27,469	27,093
45	26,772	27,141	27,691	27,423	27,036	29,454	30,094	27,346	27,188	26,560	27,659
46	26,071	26,739	27,116	27,703	27,468	27,081	29,532	30,196	27,514	27,367	26,750
47	25,276	26,040	26,714	27,127	27,747	27,514	27,166	29,635	30,368	27,693	27,557
48	23,532	25,216	25,983	26,693	27,134	27,754	27,562	27,239	29,772	30,514	27,851
49	23,283	23,483	25,167	25,969	26,712	27,151	27,810	27,641	27,391	29,927	30,683

AGE	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
50	22,346	23,229	23,431	25,148	25,981	26,718	27,193	27,875	27,775	27,542	30,083
51	21,244	22,286	23,174	23,408	25,149	25,977	26,751	27,248	27,998	27,911	27,694
52	21,369	21,173	22,217	23,132	23,393	25,130	25,991	26,786	27,346	28,110	28,038
53	20,171	21,299	21,109	22,179	23,121	23,376	25,144	26,022	26,884	27,452	28,233
54	15,737	20,092	21,215	21,059	22,152	23,087	23,370	25,154	26,098	26,969	27,549
55	15,848	15,649	19,987	21,125	20,990	22,077	23,034	23,327	25,157	26,099	26,981
56	16,293	15,754	15,559	19,905	21,051	20,916	22,022	22,989	23,321	25,154	26,104
57	15,689	16,194	15,662	15,490	19,838	20,970	20,859	21,974	22,983	23,317	25,157
58	13,428	15,570	16,075	15,567	15,410	19,738	20,877	20,784	21,935	22,944	23,285
59	13,187	13,330	15,459	15,976	15,490	15,333	19,668	20,803	20,756	21,908	22,921
60	12,578	13,082	13,227	15,360	15,885	15,405	15,265	19,597	20,759	20,717	21,872
61	11,973	12,467	12,970	13,130	15,264	15,781	15,322	15,194	19,556	20,703	20,669
62	11,468	11,860	12,356	12,871	13,044	15,162	15,691	15,246	15,150	19,513	20,647
63	10,740	11,336	11,730	12,234	12,756	12,928	15,045	15,574	15,169	15,077	19,433
64	10,707	10,607	11,196	11,598	12,109	12,625	12,813	14,921	15,472	15,076	14,989
65	10,547	10,773	10,676	11,267	11,672	12,178	12,699	12,889	14,996	15,539	15,156
66	9,918	10,615	10,834	10,753	11,344	11,740	12,251	12,772	12,982	15,070	15,609
67	10,014	9,944	10,628	10,857	10,783	11,364	11,763	12,273	12,805	13,016	15,079
68	9,802	10,030	9,963	10,643	10,876	10,805	11,386	11,781	12,302	12,827	13,041
69	10,420	9,800	10,027	9,968	10,642	10,873	10,812	11,387	11,792	12,312	12,834
70	10,207	10,354	9,752	9,982	9,928	10,590	10,824	10,768	11,349	11,745	12,256
71	9,993	10,124	10,273	9,689	9,925	9,873	10,526	10,762	10,720	11,289	11,681
72	9,738	9,890	10,021	10,172	9,612	9,840	9,798	10,439	10,683	10,649	11,206
73	9,678	9,605	9,752	9,889	10,044	9,498	9,728	9,691	10,329	10,569	10,538
74	9,559	9,498	9,422	9,575	9,718	9,865	9,343	9,571	9,551	10,167	10,405
75	9,307	9,382	9,323	9,262	9,414	9,550	9,702	9,199	9,432	9,412	10,016
76	8,976	9,053	9,124	9,078	9,022	9,170	9,308	9,460	8,986	9,215	9,196
77	8,509	8,736	8,807	8,885	8,846	8,793	8,941	9,079	9,237	8,781	9,003
78	8,313	8,197	8,417	8,493	8,570	8,532	8,489	8,642	8,778	8,930	8,494
79	7,851	7,992	7,883	8,097	8,176	8,248	8,222	8,180	8,338	8,472	8,619
80	7,267	7,477	7,611	7,512	7,721	7,796	7,868	7,846	7,818	7,968	8,096
81	6,959	6,887	7,087	7,217	7,132	7,327	7,405	7,474	7,466	7,440	7,582
82	6,321	6,534	6,468	6,660	6,785	6,707	6,893	6,969	7,043	7,037	7,013
83	5,703	5,893	6,095	6,039	6,218	6,338	6,270	6,445	6,526	6,591	6,589
84	5,239	5,258	5,431	5,622	5,574	5,738	5,850	5,792	5,963	6,034	6,098
85+	29,807	31,102	32,252	33,443	34,687	35,728	36,818	37,897	38,846	39,842	40,798
	2,002,714	2,032,603	2,063,988	2,099,686	2,139,638	2,179,908	2,225,117	2,272,678	2,327,474	2,383,812	2,441,936

APPENDIX C
MULTI-COUNTY DISTRICT LEVEL DETAIL PROJECTIONS

SOURCES:

Population Data

1980, U.S. Bureau of Census
1981-1987, Utah Population Estimates Committee
1981-2010, Utah Office of Planning and Budget, UPED Model

Employment Data

1980-1986, Utah Department of Employment Security and
U.S. Bureau of Economic Analysis
1987-2010, Utah Office of Planning and Budget, UPED Model

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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
NO. 1000
BY
J. H. GOLDSTEIN
AND
R. F. FIESER
PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS
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BEAR RIVER MCD

TABLE C-1
 BEAR RIVER MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
 1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	108,950	---	27,800	---	45,600	---	38,200	---	33,500	---	3.24
1988	109,700	0.7%	28,400	2.2%	46,500	2.0%	39,200	2.6%	34,100	1.8%	3.22
1989	111,100	1.3%	28,900	1.8%	47,500	2.2%	40,300	2.8%	34,700	1.8%	3.20
1990	112,800	1.5%	29,700	2.8%	48,700	2.5%	41,500	3.0%	35,400	2.0%	3.19
1991	114,000	1.1%	30,300	2.0%	49,800	2.3%	42,600	2.7%	35,900	1.4%	3.18
1992	115,400	1.2%	30,900	2.0%	51,000	2.4%	43,700	2.6%	36,500	1.7%	3.16
1993	116,700	1.1%	31,100	0.6%	52,200	2.4%	44,900	2.7%	37,000	1.4%	3.15
1994	118,200	1.3%	31,300	0.6%	53,500	2.5%	46,200	2.9%	37,700	1.9%	3.14
1995	119,400	1.0%	31,200	-0.3%	54,600	2.1%	47,300	2.4%	38,300	1.6%	3.12
1996	120,100	0.6%	31,100	-0.3%	55,600	1.8%	48,300	2.1%	38,700	1.0%	3.10
1997	121,000	0.7%	30,900	-0.6%	56,600	1.8%	49,200	1.9%	39,200	1.3%	3.09
1998	122,000	0.8%	30,500	-1.3%	57,800	2.1%	50,400	2.4%	39,800	1.5%	3.07
1999	123,400	1.1%	30,200	-1.0%	59,000	2.1%	51,500	2.2%	40,500	1.8%	3.05
2000	124,900	1.2%	29,800	-1.3%	60,200	2.0%	52,700	2.3%	41,400	2.2%	3.02
2001	126,600	1.4%	29,500	-1.0%	61,400	2.0%	53,700	1.9%	42,200	1.9%	3.00
2002	128,300	1.3%	29,400	-0.3%	62,600	2.0%	54,900	2.2%	43,100	2.1%	2.98
2003	130,300	1.6%	29,200	-0.7%	64,000	2.2%	56,200	2.4%	44,100	2.3%	2.95
2004	132,800	1.9%	29,200	0.0%	65,400	2.2%	57,500	2.3%	45,100	2.3%	2.94
2005	135,200	1.8%	29,200	0.0%	66,800	2.1%	58,900	2.4%	46,300	2.7%	2.92
2006	137,800	1.9%	29,400	0.7%	68,100	1.9%	60,100	2.0%	47,400	2.4%	2.91
2007	140,500	2.0%	29,700	1.0%	69,500	2.1%	61,400	2.2%	48,500	2.3%	2.90
2008	143,600	2.2%	30,200	1.7%	71,100	2.3%	62,900	2.4%	49,800	2.7%	2.88
2009	146,900	2.3%	30,700	1.7%	72,700	2.3%	64,500	2.5%	51,100	2.6%	2.87
2010	150,300	2.3%	31,400	2.3%	74,400	2.3%	66,100	2.5%	52,500	2.7%	2.86

TABLE C-2

BEAR RIVER MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	4,661	4,293	3,900	3,900	3,900	3,900	3,900
Mining	10	10	0	0	0	0	0
Construction	1,888	1,583	1,800	2,100	2,300	2,600	3,000
Manufacturing	9,793	13,565	15,200	18,000	20,900	23,900	27,200
TCPU (1)	752	727	800	900	1,000	1,100	1,200
Trade	6,207	6,878	7,600	8,600	9,400	10,400	11,600
FIRE (2)	889	795	900	1,000	1,100	1,200	1,400
Services (3)	3,412	4,361	5,200	5,900	6,500	7,200	8,000
Government	8,912	9,402	10,100	10,900	11,500	12,400	13,600
Nonfarm Proprietors	2,646	3,047	3,100	3,300	3,600	4,000	4,500
TOTAL (4)	39,170	44,661	48,700	54,600	60,200	66,800	74,400
Total Non-Ag. W and S	31,863	37,321	41,700	47,400	52,700	58,900	66,000

- (1) Transportation, Communication, and Public Utilities
- (2) Finance, Insurance, and Real Estate
- (3) Services includes Private Household employees
- (4) Totals may not add due to rounding

TABLE C-3

BEAR RIVER MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	12,235	12,976	12,008	11,378	11,389	12,830	14,696
5-9	8,821	12,315	12,907	11,855	11,214	11,513	13,155
10-14	7,598	9,482	11,529	12,604	11,540	11,174	11,655
15-19	9,730	8,755	9,154	11,383	12,312	11,538	11,394
20-24	11,407	10,428	9,560	10,022	12,107	13,515	13,124
25-29	8,209	10,497	9,514	8,073	8,530	11,325	13,254
30-34	5,625	8,120	9,376	8,887	7,421	8,315	11,513
35-39	4,343	5,882	7,418	9,167	8,665	7,529	8,665
40-44	3,848	4,589	5,540	7,274	8,843	8,619	7,813
45-49	3,498	4,068	4,558	5,471	7,060	8,752	8,774
50-54	3,352	3,555	3,868	4,460	5,356	7,064	8,891
55-59	2,985	3,266	3,335	3,738	4,310	5,293	7,077
60-64	2,925	2,923	3,106	3,171	3,557	4,183	5,233
65-69	2,558	2,844	2,820	3,037	3,097	3,509	4,158
70-74	2,123	2,631	2,787	2,736	2,925	3,017	3,425
75-79	1,578	2,017	2,287	2,525	2,484	2,671	2,775
80-84	971	1,346	1,592	1,828	2,002	1,999	2,156
85+	692	1,082	1,394	1,770	2,099	2,394	2,575
TOTAL	92,498	106,776	112,753	119,379	124,911	135,240	150,333

TABLE C-4

BEAR RIVER MCD PROJECTIONS BY SELECTED AGE GROUPS
 SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	12,235	12,976	12,008	11,378	11,389	12,830	14,696
5-17	21,596	26,921	29,698	31,217	29,817	29,236	31,397
18-29	24,169	24,556	22,966	22,720	25,886	29,829	31,185
30-39	9,968	14,002	16,794	18,054	16,086	15,844	20,178
40-64	16,608	18,401	20,407	24,114	29,126	33,911	37,788
65+	7,922	9,920	10,880	11,896	12,607	13,590	15,089
TOTAL	92,498	106,776	112,753	119,379	124,911	135,240	150,333

WASATCH FRONT MCD

TABLE C-5

WASATCH FRONT MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	1,069,750	---	274,200	---	505,900	---	467,200	---	357,800	---	2.99
1988	1,094,600	2.3%	277,400	1.2%	517,800	2.4%	478,700	2.5%	365,500	2.2%	2.99
1989	1,115,900	1.9%	282,300	1.8%	531,400	2.6%	491,900	2.8%	374,900	2.6%	2.98
1990	1,138,700	2.0%	288,200	2.1%	546,600	2.9%	506,500	3.0%	385,100	2.7%	2.96
1991	1,158,800	1.8%	292,300	1.4%	559,600	2.4%	519,000	2.5%	394,200	2.4%	2.94
1992	1,181,400	2.0%	296,600	1.5%	575,000	2.8%	533,700	2.8%	403,900	2.5%	2.92
1993	1,201,800	1.7%	300,000	1.1%	589,700	2.6%	547,800	2.6%	412,900	2.2%	2.91
1994	1,224,400	1.9%	301,900	0.6%	605,200	2.6%	562,600	2.7%	422,900	2.4%	2.90
1995	1,242,500	1.5%	301,900	0.0%	618,500	2.2%	575,400	2.3%	431,800	2.1%	2.88
1996	1,256,600	1.1%	301,600	-0.1%	629,700	1.8%	585,800	1.8%	439,300	1.7%	2.86
1997	1,270,800	1.1%	299,700	-0.6%	641,200	1.8%	598,500	2.2%	446,800	1.7%	2.84
1998	1,289,200	1.4%	298,000	-0.6%	654,300	2.0%	608,700	1.7%	455,900	2.0%	2.83
1999	1,311,000	1.7%	297,200	-0.3%	668,600	2.2%	621,900	2.2%	466,500	2.3%	2.81
2000	1,332,000	1.6%	297,000	-0.1%	682,000	2.0%	634,400	2.0%	476,800	2.2%	2.79
2001	1,354,600	1.7%	298,300	0.4%	696,200	2.1%	646,500	1.9%	487,500	2.2%	2.78
2002	1,378,100	1.7%	299,700	0.5%	709,700	1.9%	659,000	1.9%	498,500	2.3%	2.76
2003	1,405,100	2.0%	302,200	0.8%	724,400	2.1%	672,600	2.1%	510,400	2.4%	2.75
2004	1,433,900	2.0%	305,400	1.1%	739,900	2.1%	686,900	2.1%	523,100	2.5%	2.74
2005	1,463,300	2.1%	309,400	1.3%	755,100	2.1%	701,000	2.1%	536,000	2.5%	2.73
2006	1,492,400	2.0%	313,900	1.5%	769,600	1.9%	714,400	1.9%	548,700	2.4%	2.72
2007	1,522,200	2.0%	319,100	1.7%	784,200	1.9%	727,900	1.9%	561,400	2.3%	2.71
2008	1,556,900	2.3%	325,500	2.0%	801,000	2.1%	743,500	2.1%	575,800	2.6%	2.70
2009	1,592,100	2.3%	332,300	2.1%	817,800	2.1%	759,000	2.1%	590,400	2.5%	2.70
2010	1,628,100	2.3%	339,700	2.2%	835,000	2.1%	774,900	2.1%	605,200	2.5%	2.69

TABLE C-6

**WASATCH FRONT MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010**

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	5,315	5,374	5,300	5,300	5,200	5,200	5,300
Mining	7,122	2,014	2,600	2,700	2,800	2,900	3,100
Construction	21,608	23,323	25,400	29,900	34,200	38,900	43,900
Manufacturing	60,121	63,161	70,100	80,800	91,100	102,100	114,000
TCPU (1)	26,989	29,147	32,400	36,900	41,200	45,800	50,700
Trade	95,898	113,441	127,000	145,400	161,600	180,000	200,400
FIRE (2)	20,770	27,303	30,700	35,000	38,800	43,200	48,600
Services (3)	71,019	98,021	115,700	137,200	153,800	170,400	187,400
Government	86,017	97,628	102,500	107,500	110,900	117,600	126,700
Nonfarm Proprietors	28,016	33,006	34,900	37,900	42,400	48,900	54,800
TOTAL (4)	422,875	492,418	546,600	618,500	682,000	755,100	835,000
Total Non-Ag. W and S	389,544	454,038	506,400	575,300	634,400	701,000	774,900

- (1) Transportation, Communication, and Public Utilities
(2) Finance, Insurance, and Real Estate
(3) Services includes Private Household employees
(4) Totals may not add due to rounding

TABLE C-7

WASATCH FRONT MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	116,891	115,096	112,350	114,751	121,521	135,512	150,169
5-9	93,019	117,359	116,740	113,395	114,601	123,767	139,518
10-14	81,892	96,279	114,029	117,684	113,300	116,782	127,450
15-19	85,829	84,207	90,014	110,309	112,518	110,522	115,384
20-24	92,372	82,377	82,073	91,002	109,570	116,085	116,867
25-29	89,459	95,585	89,802	88,122	95,200	119,271	130,061
30-34	73,082	90,772	95,287	92,235	88,319	99,287	126,562
35-39	54,563	77,493	88,148	96,673	91,994	91,044	103,907
40-44	43,525	56,395	72,946	89,434	96,785	94,881	95,551
45-49	38,852	45,143	54,825	73,429	88,778	98,120	97,857
50-54	37,691	38,151	42,900	54,306	72,165	88,659	99,263
55-59	35,932	36,647	36,845	41,932	52,679	71,095	88,188
60-64	30,014	34,557	34,798	35,430	40,050	51,050	69,598
65-69	23,617	30,406	33,427	34,240	34,612	39,386	50,160
70-74	18,350	24,421	28,555	32,218	32,772	33,450	38,023
75-79	12,544	17,530	21,079	25,605	28,539	29,291	30,076
80-84	7,820	10,914	13,582	16,804	20,046	22,442	23,164
85+	5,720	8,880	11,288	14,896	18,588	22,612	26,323
TOTAL	941,172	1,062,212	1,138,688	1,242,465	1,332,037	1,463,256	1,628,121

TABLE C-8

WASATCH FRONT MCD PROJECTIONS BY SELECTED AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	116,891	115,096	112,350	114,751	121,521	135,512	150,169
5-17	226,157	268,882	288,239	301,935	296,968	309,353	339,653
18-29	216,414	206,925	204,419	218,577	248,221	277,074	289,627
30-39	127,645	168,265	183,435	188,908	180,313	190,331	230,469
40-64	186,014	210,893	242,314	294,531	350,457	403,805	450,457
65+	68,051	92,151	107,931	123,763	134,557	147,181	167,746
TOTAL	941,172	1,062,212	1,138,688	1,242,465	1,332,037	1,463,256	1,628,121

MOUNTAINLAND MCD

TABLE C-9
MOUNTAINLAND MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	279,900	---	73,700	---	92,900	---	82,300	---	78,800	---	3.55
1988	283,100	1.1%	76,000	3.1%	96,300	3.7%	85,700	4.1%	80,700	2.4%	3.51
1989	285,500	0.8%	77,900	2.5%	98,500	2.3%	87,800	2.5%	82,100	1.7%	3.48
1990	287,600	0.7%	79,400	1.9%	100,600	2.1%	89,900	2.4%	83,700	1.9%	3.44
1991	289,400	0.6%	79,100	-0.4%	102,400	1.8%	91,700	2.0%	85,200	1.8%	3.40
1992	290,700	0.4%	78,300	-1.0%	104,400	2.0%	93,600	2.1%	86,400	1.4%	3.36
1993	292,300	0.6%	77,500	-1.0%	106,400	1.9%	95,500	2.0%	87,600	1.4%	3.34
1994	294,000	0.6%	76,000	-1.9%	108,500	2.0%	97,600	2.2%	89,000	1.6%	3.30
1995	295,600	0.5%	74,500	-2.0%	110,600	1.9%	99,600	2.0%	90,400	1.6%	3.27
1996	297,400	0.6%	73,100	-1.9%	112,400	1.6%	101,300	1.7%	92,000	1.8%	3.23
1997	298,800	0.5%	71,100	-2.7%	114,300	1.7%	103,100	1.8%	93,400	1.5%	3.20
1998	301,200	0.8%	69,400	-2.4%	116,600	2.0%	105,200	2.0%	95,100	1.8%	3.17
1999	302,800	0.5%	66,800	-3.7%	118,700	1.8%	107,200	1.9%	96,700	1.7%	3.13
2000	304,300	0.5%	64,000	-4.2%	120,700	1.7%	109,000	1.7%	98,400	1.8%	3.09
2001	306,800	0.8%	61,900	-3.3%	123,100	2.0%	111,100	1.9%	100,400	2.0%	3.06
2002	309,100	0.7%	59,900	-3.2%	125,300	1.8%	113,200	1.9%	102,300	1.9%	3.02
2003	311,100	0.6%	58,300	-2.7%	127,600	1.8%	115,300	1.9%	104,000	1.7%	2.99
2004	314,700	1.2%	58,400	0.2%	130,400	2.2%	118,000	2.3%	106,100	2.0%	2.97
2005	317,700	1.0%	58,600	0.3%	133,000	2.0%	120,400	2.0%	107,800	1.6%	2.95
2006	325,600	2.5%	59,800	2.0%	136,600	2.7%	123,800	2.8%	111,200	3.2%	2.93
2007	334,900	2.9%	61,500	2.8%	140,500	2.9%	127,400	2.9%	114,900	3.3%	2.91
2008	345,600	3.2%	63,600	3.4%	144,800	3.1%	131,400	3.1%	119,200	3.7%	2.90
2009	356,900	3.3%	65,800	3.5%	149,300	3.1%	135,600	3.2%	123,600	3.7%	2.89
2010	369,100	3.4%	68,300	3.8%	154,100	3.2%	140,100	3.3%	128,300	3.8%	2.88

TABLE C-10

MOUNTAINLAND MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	3,901	3,452	3,600	3,500	3,500	3,400	3,400
Mining	1,054	138	100	200	200	200	200
Construction	3,990	3,223	3,700	4,200	4,700	5,300	6,100
Manufacturing	13,333	11,178	11,900	13,000	14,000	15,100	16,900
TCPU (1)	2,356	2,713	3,100	3,500	3,900	4,400	5,000
Trade	14,220	17,756	19,800	22,100	24,300	26,500	30,700
FIRE (2)	2,316	2,925	3,200	3,600	3,900	4,200	4,900
Services (3)	21,236	29,762	32,700	37,500	42,600	48,800	58,100
Government	11,454	13,803	15,400	15,500	15,400	15,900	18,200
Nonfarm Proprietors	5,923	6,812	7,100	7,500	8,200	9,200	10,600
TOTAL (4)	79,783	91,762	100,600	110,600	120,700	133,000	154,100
Total Non-Ag. W and S	69,959	80,498	89,900	99,600	109,000	120,400	140,100

- (1) Transportation, Communication, and Public Utilities
- (2) Finance, Insurance, and Real Estate
- (3) Services includes Private Household employees
- (4) Totals may not add due to rounding

TABLE C-11

MOUNTAINLAND MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	34,652	33,994	25,182	24,337	25,327	28,183	34,099
5-9	23,718	31,963	34,769	23,438	22,728	23,851	29,156
10-14	19,034	25,403	29,781	33,295	22,366	21,800	25,070
15-19	25,417	27,551	30,180	35,057	38,368	28,240	29,689
20-24	36,127	36,373	36,138	37,842	42,630	46,453	40,719
25-29	22,494	25,342	24,348	23,163	25,209	30,542	39,732
30-34	14,404	19,073	20,604	19,092	18,120	20,319	29,692
35-39	10,550	15,793	18,383	19,912	18,565	17,758	22,711
40-44	8,304	10,802	13,728	17,042	18,531	17,384	19,009
45-49	7,529	8,315	10,021	12,877	16,077	17,574	18,447
50-54	7,230	7,437	7,952	9,665	12,454	15,605	18,663
55-59	6,582	6,966	7,028	7,587	9,245	11,955	16,206
60-64	6,016	6,277	6,557	6,609	7,151	8,741	12,257
65-69	5,328	6,087	6,294	6,583	6,643	7,158	9,202
70-74	4,047	5,645	6,098	6,288	6,550	6,618	7,453
75-79	2,733	3,957	4,999	5,571	5,736	5,964	6,317
80-84	1,572	2,473	3,112	3,990	4,409	4,538	4,941
85+	1,090	1,790	2,404	3,266	4,235	4,974	5,704
TOTAL	236,827	275,241	287,578	295,614	304,344	317,657	369,067

TABLE C-12

MOUNTAINLAND MCD PROJECTIONS BY SELECTED AGE GROUPS
 SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	34,652	33,994	25,182	24,337	25,327	28,183	34,099
5-17	54,042	70,507	79,358	74,494	63,964	58,631	68,324
18-29	72,748	76,125	75,858	78,301	87,337	92,255	96,042
30-39	24,954	34,866	38,987	39,004	36,685	38,077	52,403
40-64	35,661	39,797	45,286	53,780	63,458	71,259	84,582
65+	14,770	19,952	22,907	25,698	27,573	29,252	33,617
TOTAL	236,827	275,241	287,578	295,614	304,344	317,657	369,067

CENTRAL MCD

TABLE C-13

CENTRAL MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	55,000	---	16,100	---	21,300	---	15,100	---	16,200	---	3.40
1988	52,900	-3.8%	16,000	-0.6%	20,900	-1.9%	14,700	-2.6%	16,200	0.0%	3.27
1989	52,900	0.0%	16,000	0.0%	21,100	1.0%	14,900	1.4%	16,300	0.6%	3.25
1990	53,200	0.6%	15,800	-1.3%	21,400	1.4%	15,100	1.3%	16,600	1.8%	3.20
1991	53,700	0.9%	15,600	-1.3%	21,700	1.4%	15,400	2.0%	16,900	1.8%	3.18
1992	54,200	0.9%	15,400	-1.3%	22,000	1.4%	15,600	1.3%	17,200	1.8%	3.15
1993	54,700	0.9%	15,100	-1.9%	22,300	1.4%	15,800	1.3%	17,500	1.7%	3.13
1994	55,100	0.7%	14,700	-2.6%	22,600	1.3%	16,100	1.9%	17,800	1.7%	3.10
1995	55,300	0.4%	14,300	-2.7%	22,900	1.3%	16,300	1.2%	18,000	1.1%	3.07
1996	55,600	0.5%	13,800	-3.5%	23,100	0.9%	16,500	1.2%	18,300	1.7%	3.04
1997	55,900	0.5%	13,300	-3.6%	23,400	1.3%	16,700	1.2%	18,600	1.6%	3.01
1998	55,800	-0.2%	12,800	-3.8%	23,600	0.9%	16,800	0.6%	18,800	1.1%	2.97
1999	55,800	0.0%	12,200	-4.7%	23,900	1.3%	17,000	1.2%	18,900	0.5%	2.95
2000	55,900	0.2%	11,800	-3.3%	24,100	0.8%	17,200	1.2%	19,100	1.1%	2.93
2001	56,300	0.7%	11,600	-1.7%	24,400	1.2%	17,400	1.2%	19,400	1.6%	2.90
2002	56,900	1.1%	11,600	0.0%	24,800	1.6%	17,700	1.7%	19,700	1.5%	2.89
2003	57,700	1.4%	11,800	1.7%	25,200	1.6%	18,000	1.7%	20,100	2.0%	2.87
2004	58,600	1.6%	12,100	2.5%	25,600	1.6%	18,300	1.7%	20,400	1.5%	2.87
2005	59,600	1.7%	12,400	2.5%	26,100	2.0%	18,700	2.2%	20,800	2.0%	2.87
2006	60,600	1.7%	12,700	2.4%	26,500	1.5%	19,000	1.6%	21,200	1.9%	2.86
2007	61,600	1.7%	13,100	3.1%	26,900	1.5%	19,300	1.6%	21,600	1.9%	2.85
2008	62,800	1.9%	13,500	3.1%	27,400	1.9%	19,700	2.1%	22,000	1.9%	2.85
2009	63,900	1.8%	13,900	3.0%	27,900	1.8%	20,100	2.0%	22,400	1.8%	2.85
2010	65,000	1.7%	14,300	2.9%	28,300	1.4%	20,400	1.5%	22,700	1.3%	2.86

TABLE C-14

CENTRAL MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	3,649	3,447	3,500	3,500	3,600	3,700	3,800
Mining	706	490	500	600	600	700	700
Construction (1)	822	2,999	1,300	1,500	1,700	1,900	2,000
Manufacturing	2,047	1,744	1,800	1,900	2,100	2,200	2,400
TCPU (2)	589	1,231	1,300	1,400	1,500	1,600	1,700
Trade	2,604	3,221	3,300	3,700	3,900	4,300	4,700
FIRE (3)	347	407	400	500	500	500	600
Services (4)	1,599	1,902	2,300	2,600	2,800	3,100	3,500
Government	3,759	4,157	4,200	4,200	4,100	4,400	4,800
Nonfarm Proprietors	2,278	2,752	2,800	3,000	3,300	3,700	4,100
TOTAL (5)	18,400	22,350	21,400	22,900	24,100	26,100	28,300
Total Non-Ag. W and S	12,473	16,151	15,100	16,400	17,200	18,700	20,400

- (1) Includes IPP construction
- (2) Transportation, Communication, and Public Utilities
- (3) Finance, Insurance, and Real Estate
- (4) Services includes Private Household employees
- (5) Totals may not add due to rounding

TABLE C-15

CENTRAL MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	6,348	6,082	4,487	4,931	5,460	6,105	6,474
5-9	5,021	7,273	6,030	4,400	4,656	5,364	6,143
10-14	4,210	5,876	6,651	5,942	4,192	4,590	5,415
15-19	4,309	4,822	5,187	6,332	5,447	4,138	4,596
20-24	3,172	4,055	3,718	4,459	5,232	4,911	3,712
25-29	3,273	4,329	3,818	4,102	4,629	5,895	5,642
30-34	2,803	3,863	3,418	3,854	3,895	4,681	6,210
35-39	2,328	3,260	3,220	3,397	3,668	3,867	4,809
40-44	1,925	2,251	2,537	2,969	3,023	3,383	3,696
45-49	1,664	1,840	1,951	2,374	2,708	2,832	3,275
50-54	1,990	1,653	1,704	1,900	2,263	2,643	2,838
55-59	1,936	1,815	1,494	1,640	1,795	2,181	2,606
60-64	2,113	1,760	1,729	1,416	1,528	1,704	2,116
65-69	2,096	1,994	1,741	1,734	1,427	1,549	1,741
70-74	1,661	1,938	1,940	1,741	1,717	1,468	1,593
75-79	1,097	1,475	1,691	1,716	1,528	1,531	1,339
80-84	690	846	1,079	1,307	1,312	1,187	1,204
85+	451	681	852	1,130	1,385	1,538	1,553
TOTAL	47,087	55,813	53,247	55,344	55,865	59,567	64,962

TABLE C-16

CENTRAL MCD PROJECTIONS BY SELECTED AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	6,348	6,082	4,487	4,931	5,460	6,105	6,474
5-17	11,803	16,148	15,848	14,268	11,848	12,395	14,334
18-29	8,182	10,207	9,556	10,967	12,308	12,503	11,174
30-39	5,131	7,123	6,638	7,251	7,563	8,548	11,019
40-64	9,628	9,319	9,415	10,299	11,317	12,743	14,531
65+	5,995	6,934	7,303	7,628	7,369	7,273	7,430
TOTAL	47,087	55,813	53,247	55,344	55,865	59,567	64,962

SOUTHWEST MCD

TABLE C-17

SOUTHWEST MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	74,500	---	20,400	---	26,200	---	21,600	---	23,300	---	3.20
1988	77,900	4.6%	20,800	2.0%	27,100	3.4%	22,400	-2.6%	24,100	3.4%	3.23
1989	79,600	2.2%	21,100	1.4%	27,900	3.0%	23,200	1.4%	24,800	2.9%	3.21
1990	80,900	1.6%	21,400	1.4%	28,600	2.5%	23,800	1.3%	25,300	2.0%	3.20
1991	81,900	1.2%	21,500	0.5%	29,200	2.1%	24,400	2.0%	25,800	2.0%	3.17
1992	82,800	1.1%	21,700	0.9%	30,000	2.7%	25,200	1.3%	26,200	1.6%	3.16
1993	83,500	0.8%	21,700	0.0%	30,600	2.0%	25,800	1.3%	26,500	1.1%	3.15
1994	84,300	1.0%	21,700	0.0%	31,300	2.3%	26,500	1.9%	26,900	1.5%	3.13
1995	84,800	0.6%	21,400	-1.4%	31,900	1.9%	27,000	1.2%	27,200	1.1%	3.12
1996	85,000	0.2%	21,200	-0.9%	32,400	1.6%	27,500	1.2%	27,400	0.7%	3.10
1997	85,400	1.5%	20,900	-2.8%	33,000	1.9%	28,100	1.2%	27,800	1.5%	3.10
1998	86,300	1.4%	20,600	-0.5%	33,800	2.4%	28,800	0.6%	28,200	1.4%	3.10
1999	87,500	1.5%	20,500	0.0%	34,600	2.4%	29,500	1.2%	28,800	2.1%	3.08
2000	88,800	1.8%	20,500	0.5%	35,400	2.3%	30,200	1.2%	29,400	2.1%	3.07
2001	90,400	1.8%	20,600	1.0%	36,300	2.5%	31,000	1.2%	30,000	2.0%	3.07
2002	92,000	2.0%	20,800	1.0%	37,100	2.2%	31,700	1.7%	30,700	2.3%	3.06
2003	93,800	2.1%	21,000	1.4%	38,100	2.7%	32,600	1.7%	31,400	2.3%	3.05
2004	95,800	2.2%	21,300	1.4%	39,000	2.4%	33,400	1.7%	32,200	2.5%	3.04
2005	97,900	2.1%	21,600	1.4%	40,000	2.6%	34,300	2.2%	33,000	2.5%	3.03
2006	100,000	2.2%	21,900	2.3%	40,900	2.3%	35,100	1.6%	33,800	2.4%	3.02
2007	102,200	2.3%	22,400	1.8%	41,900	2.4%	36,000	1.6%	34,700	2.7%	2.95
2008	104,600	2.3%	22,800	1.8%	42,900	2.4%	36,800	2.1%	35,600	2.6%	2.94
2009	107,100	2.4%	23,300	2.2%	44,000	2.6%	37,800	2.0%	36,500	2.5%	2.93
2010	109,700	2.4%	23,900	2.6%	45,100	2.5%	38,800	1.5%	37,500	2.7%	2.93

TABLE C-18

SOUTHWEST MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	1,810	1,738	1,700	1,600	1,600	1,600	1,600
Mining	499	245	200	200	200	300	300
Construction	1,308	1,306	1,600	1,900	2,200	2,600	3,000
Manufacturing	1,498	1,624	1,900	2,200	2,400	2,700	3,100
TCPU (1)	1,006	1,083	1,300	1,600	1,900	2,200	2,600
Trade	4,120	5,800	6,700	7,700	8,600	9,700	11,000
FIRE (2)	785	857	1,000	1,100	1,200	1,400	1,600
Services (3)	2,284	4,518	5,400	6,300	7,300	8,300	9,400
Government	4,516	5,115	5,700	6,100	6,400	7,100	7,900
Nonfarm Proprietors	2,386	2,819	3,100	3,200	3,500	4,100	4,700
TOTAL(4)	20,212	25,105	28,600	31,900	35,400	40,000	45,100
Total Non-Ag. W and S	16,016	20,548	23,800	27,100	30,300	34,300	38,800

- (1) Transportation, Communication, and Public Utilities
- (2) Finance, Insurance, and Real Estate
- (3) Services includes Private Household employees
- (4) Totals may not add due to rounding

TABLE C-19

SOUTHWEST MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	7,310	8,103	8,297	8,314	8,617	9,703	10,846
5-9	5,776	8,783	8,554	8,010	8,084	8,727	9,945
10-14	4,820	7,027	8,653	8,299	7,806	8,192	8,950
15-19	5,396	6,210	7,131	8,483	8,123	7,964	8,431
20-24	4,742	5,518	5,762	6,395	7,693	7,862	7,877
25-29	3,924	6,461	6,531	5,539	6,274	8,296	8,759
30-34	3,420	5,188	6,602	6,322	5,411	6,642	8,955
35-39	2,639	4,319	5,361	6,373	6,135	5,607	6,996
40-44	2,131	3,083	4,166	5,042	6,019	6,081	5,732
45-49	2,064	2,443	3,116	3,961	4,792	5,944	6,151
50-54	2,275	2,139	2,372	3,005	3,839	4,805	6,045
55-59	2,247	2,304	2,175	2,264	2,878	3,797	4,819
60-64	2,492	2,167	2,271	2,044	2,139	2,800	3,750
65-69	2,218	2,546	2,406	2,368	2,176	2,329	2,999
70-74	1,769	2,480	2,725	2,523	2,518	2,411	2,598
75-79	1,150	1,806	2,233	2,519	2,377	2,424	2,366
80-84	663	1,092	1,434	1,785	2,007	1,945	2,002
85+	453	769	1,081	1,508	1,939	2,322	2,509
TOTAL	55,489	72,438	80,870	84,754	88,827	97,851	109,730

TABLE C-20

SOUTHWEST MCD PROJECTIONS BY SELECTED AGE GROUPS
 SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	7,310	8,103	8,297	8,314	8,617	9,703	10,846
5-17	13,510	19,623	21,414	21,368	20,510	21,571	23,869
18-29	11,148	14,376	15,217	15,358	17,470	19,470	20,093
30-39	6,059	9,507	11,963	12,695	11,546	12,249	15,951
40-64	11,209	12,136	14,100	16,316	19,667	23,427	26,497
65+	6,253	8,693	9,879	10,703	11,017	11,431	12,474
TOTAL	55,489	72,438	80,870	84,754	88,827	97,851	109,730

UINTAH BASIN MCD

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TABLE C-21

UINTAH BASIN MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	36,300	---	12,000	---	14,300	---	11,200	---	10,800	---	3.36
1988	38,400	5.8%	12,300	2.5%	14,600	2.1%	11,500	2.7%	10,900	0.9%	3.52
1989	38,900	1.3%	12,400	0.8%	14,900	2.1%	11,800	2.6%	11,200	2.8%	3.47
1990	39,300	1.0%	12,500	0.8%	15,200	2.0%	12,100	2.5%	11,400	1.8%	3.45
1991	39,800	1.3%	12,400	-0.8%	15,500	2.0%	12,300	1.7%	11,600	1.8%	3.43
1992	39,800	0.0%	12,200	-1.6%	15,800	1.9%	12,600	2.4%	11,700	0.9%	3.40
1993	39,900	0.3%	12,000	-1.6%	16,000	1.3%	12,800	1.6%	11,900	1.7%	3.35
1994	40,100	0.5%	11,800	-1.7%	16,300	1.9%	13,000	1.6%	12,000	0.8%	3.34
1995	40,300	0.5%	11,500	-2.5%	16,600	1.8%	13,300	2.3%	12,200	1.7%	3.30
1996	40,500	0.5%	11,300	-1.7%	16,800	1.2%	13,500	1.5%	12,400	1.6%	3.27
1997	41,000	1.7%	11,000	-5.3%	17,100	1.8%	13,700	1.5%	12,600	1.6%	3.27
1998	41,200	1.0%	10,700	-0.9%	17,400	1.8%	14,000	2.2%	12,800	1.6%	3.25
1999	41,600	1.2%	10,600	-1.9%	17,700	1.7%	14,200	1.4%	13,000	1.6%	3.24
2000	42,100	1.9%	10,400	-1.0%	18,100	2.3%	14,500	2.1%	13,300	2.3%	3.23
2001	42,900	2.1%	10,300	1.0%	18,500	2.2%	14,800	2.1%	13,600	2.3%	3.22
2002	43,800	2.3%	10,400	1.9%	19,000	2.7%	15,300	3.4%	14,000	2.9%	3.20
2003	44,800	2.7%	10,600	1.9%	19,400	2.1%	15,600	2.0%	14,400	2.9%	3.19
2004	46,000	2.8%	10,800	3.7%	20,000	3.1%	16,100	3.2%	14,800	2.8%	3.20
2005	47,300	2.7%	11,200	3.6%	20,500	2.5%	16,600	3.1%	15,300	3.4%	3.18
2006	48,600	2.7%	11,600	3.4%	21,000	2.4%	17,000	2.4%	15,700	2.6%	3.18
2007	49,900	2.8%	12,000	4.2%	21,600	2.9%	17,500	2.9%	16,200	3.2%	3.08
2008	51,300	2.8%	12,500	4.2%	22,200	2.8%	18,000	2.9%	16,600	2.5%	3.09
2009	52,700	2.7%	12,900	3.2%	22,700	2.3%	18,500	2.8%	17,100	3.0%	3.08
2010	54,100	2.7%	13,400	3.9%	23,300	2.6%	19,000	2.7%	17,600	2.9%	3.07

TABLE C-22

UINTAH BASIN MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	1,427	1,315	1,300	1,300	1,300	1,300	1,300
Mining	2,741	1,786	1,900	2,100	2,400	2,700	3,100
Construction	573	526	600	700	800	1,000	1,100
Manufacturing	357	341	400	400	400	500	500
TCPU (1)	865	958	1,100	1,300	1,500	1,800	2,000
Trade	2,340	2,291	2,500	2,800	3,100	3,500	4,000
FIRE (2)	237	233	300	300	300	400	400
Services (3)	1,771	2,005	2,300	2,700	3,000	3,500	4,000
Government	2,426	2,826	3,000	3,000	3,000	3,300	3,900
Nonfarm Proprietors	1,662	1,756	1,900	2,000	2,300	2,600	3,000
TOTAL (4)	14,399	14,037	15,200	16,600	18,100	20,500	23,300
Total Non-Ag. W and S	11,310	10,966	12,000	13,300	14,500	16,600	19,000

- (1) Transportation, Communication, and Public Utilities
- (2) Finance, Insurance, and Real Estate
- (3) Services includes Private Household employees
- (4) Totals may not add due to rounding

TABLE C-23

UINTAH BASIN MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	4,983	5,032	4,169	4,312	4,861	5,737	6,309
5-9	3,989	5,255	4,982	3,900	4,084	4,882	5,847
10-14	3,217	4,358	4,989	4,695	3,712	4,102	4,977
15-19	3,222	3,245	3,862	4,476	4,228	3,513	3,962
20-24	3,004	2,626	2,763	3,446	4,061	4,200	3,615
25-29	2,921	2,894	2,712	2,685	3,419	4,496	4,810
30-34	2,423	2,817	2,739	2,478	2,501	3,540	4,789
35-39	1,887	2,452	2,605	2,550	2,337	2,561	3,709
40-44	1,596	1,699	2,144	2,347	2,322	2,293	2,596
45-49	1,337	1,476	1,576	1,969	2,174	2,275	2,328
50-54	1,172	1,282	1,410	1,490	1,875	2,162	2,325
55-59	1,053	1,106	1,171	1,322	1,405	1,837	2,166
60-64	907	984	1,015	1,084	1,231	1,355	1,808
65-69	779	868	932	972	1,041	1,207	1,347
70-74	595	759	830	887	926	1,011	1,174
75-79	427	557	670	747	797	849	933
80-84	196	367	432	528	587	639	685
85+	132	212	317	432	547	654	752
TOTAL	33,840	37,989	39,318	40,320	42,108	47,313	54,132

TABLE C-24

UINTAH BASIN MCD PROJECTIONS BY SELECTED AGE GROUPS
 SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	4,983	5,032	4,169	4,312	4,861	5,737	6,309
5-17	9,257	11,806	12,496	11,537	10,398	11,184	13,382
18-29	7,096	6,572	6,812	7,665	9,106	10,009	9,829
30-39	4,310	5,269	5,344	5,028	4,838	6,101	8,498
40-64	6,065	6,547	7,316	8,212	9,007	9,922	11,223
65+	2,129	2,763	3,181	3,566	3,898	4,360	4,891
TOTAL	33,840	37,989	39,318	40,320	42,108	47,313	54,132

SOUTHEAST MCD

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TABLE C-25

SOUTHEAST MCD ECONOMIC AND DEMOGRAPHIC SUMMARY
1987-2010

YEAR	POPULATION	ANNUAL % CHANGE	SCHOOL AGE POPULATION	ANNUAL % CHANGE	TOTAL EMPLOYMENT	ANNUAL % CHANGE	TOTAL W AND S EMPLOYMENT	ANNUAL % CHANGE	HOUSEHOLDS	ANNUAL % CHANGE	HOUSEHOLD SIZE
1987	54,500	---	14,600	---	19,700	---	16,600	---	17,800	---	3.06
1988	54,900	0.7%	14,700	0.7%	20,000	1.5%	16,900	1.8%	18,100	1.7%	3.03
1989	54,900	0.0%	14,500	-1.4%	20,200	1.0%	17,100	1.2%	18,300	1.1%	3.00
1990	55,000	0.2%	14,400	-0.7%	20,500	1.5%	17,400	1.8%	18,400	0.5%	2.99
1991	54,900	-0.2%	14,200	-1.4%	20,700	1.0%	17,600	1.1%	18,600	1.1%	2.95
1992	54,600	-0.5%	13,900	-2.1%	21,000	1.4%	17,900	1.7%	18,700	0.5%	2.92
1993	54,800	0.4%	13,700	-1.4%	21,300	1.4%	18,200	1.7%	18,800	0.5%	2.91
1994	54,700	-0.2%	13,300	-2.9%	21,600	1.4%	18,500	1.6%	19,000	1.1%	2.88
1995	54,700	0.0%	12,900	-3.0%	21,800	0.9%	18,600	0.5%	19,100	0.5%	2.86
1996	54,400	-0.5%	12,600	-2.3%	22,000	0.9%	18,800	1.1%	19,200	0.5%	2.83
1997	54,200	-0.6%	12,100	-7.9%	22,200	0.9%	19,000	1.1%	19,300	0.5%	2.80
1998	54,100	0.4%	11,600	-2.6%	22,400	0.9%	19,200	1.1%	19,500	1.0%	2.78
1999	54,300	0.6%	11,300	-3.5%	22,700	1.3%	19,400	1.0%	19,700	1.0%	2.77
2000	54,600	1.1%	10,900	-0.9%	23,100	1.8%	19,800	2.1%	20,000	1.5%	2.76
2001	55,200	1.3%	10,800	-0.9%	23,500	1.7%	20,100	1.5%	20,300	1.5%	2.75
2002	55,900	1.6%	10,700	0.9%	23,900	1.7%	20,500	2.0%	20,700	2.0%	2.74
2003	56,800	1.9%	10,800	0.9%	24,400	2.1%	20,900	2.0%	21,200	2.4%	2.73
2004	57,900	1.9%	10,900	1.8%	24,900	2.0%	21,400	2.4%	21,600	1.9%	2.73
2005	59,000	2.0%	11,100	2.7%	25,400	2.0%	21,800	1.9%	22,100	2.3%	2.72
2006	60,200	2.0%	11,400	2.6%	25,900	2.0%	22,200	1.8%	22,700	2.7%	2.70
2007	61,400	-14.0%	11,700	2.6%	26,400	1.9%	22,700	2.3%	23,200	2.2%	2.65
2008	62,800	-14.0%	12,000	2.6%	27,000	2.3%	23,200	2.2%	23,700	2.2%	2.23
2009	64,200	21.6%	12,300	2.5%	27,600	2.2%	23,800	2.6%	24,300	2.5%	2.64
2010	65,600	2.2%	12,600	2.4%	28,200	2.2%	24,300	2.1%	24,900	2.5%	2.63

TABLE C-26

SOUTHEAST MCD MAJOR INDUSTRY EMPLOYMENT PROJECTIONS
1980-2010

INDUSTRY	1980	1986	1990	1995	2000	2005	2010
Agriculture	1,203	1,107	1,100	1,100	1,100	1,100	1,100
Mining	6,368	3,129	3,300	3,900	4,300	4,800	5,400
Construction	1,360	660	700	800	900	1,000	1,200
Manufacturing	551	471	500	600	600	700	700
TCPU (1)	1,563	1,685	1,800	1,800	1,900	2,000	2,100
Trade	3,289	3,053	3,300	3,500	3,800	4,200	4,700
FIRE (2)	424	350	400	400	400	500	500
Services (3)	2,067	2,453	3,100	3,500	4,000	4,500	5,200
Government	3,994	4,226	4,300	4,100	3,900	4,100	4,500
Nonfarm Proprietors	1,715	1,998	2,000	2,100	2,200	2,500	2,800
TOTAL (4)	22,534	19,132	20,500	21,800	23,100	25,400	28,200
Total Non-Ag. W and S	19,616	16,027	17,400	18,600	19,800	21,800	24,300

- (1) Transportation, Communication, and Public Utilities
- (2) Finance, Insurance, and Real Estate
- (3) Services includes Private Household employees

TABLE C-27

SOUTHEAST MCD PROJECTIONS BY FIVE YEAR AGE GROUPS
SELECTED YEARS 1980-2010

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	7,543	5,461	4,506	4,307	4,452	4,979	5,360
5-9	5,843	6,151	5,508	4,240	4,077	4,540	5,212
10-14	4,910	5,204	5,920	5,225	4,040	4,164	4,755
15-19	5,000	4,545	4,729	5,423	4,778	3,958	4,201
20-24	4,852	4,129	4,079	4,274	4,939	4,844	4,228
25-29	4,807	4,483	4,243	3,954	4,185	5,513	5,696
30-34	3,931	4,276	4,169	3,898	3,663	4,409	6,012
35-39	2,868	3,901	4,060	3,899	3,665	3,804	4,723
40-44	2,299	2,576	3,351	3,647	3,521	3,603	3,875
45-49	2,077	2,209	2,381	3,061	3,345	3,456	3,671
50-54	2,135	1,941	2,059	2,260	2,915	3,351	3,573
55-59	1,966	2,046	1,876	1,938	2,131	2,875	3,386
60-64	1,793	1,823	1,898	1,742	1,805	2,068	2,850
65-69	1,587	1,798	1,806	1,844	1,707	1,823	2,110
70-74	1,092	1,618	1,713	1,729	1,766	1,692	1,823
75-79	713	1,057	1,351	1,479	1,493	1,564	1,521
80-84	394	574	751	1,022	1,119	1,156	1,225
85+	314	446	566	758	1,015	1,232	1,382
TOTAL	54,124	54,238	54,966	54,700	54,616	59,031	65,603

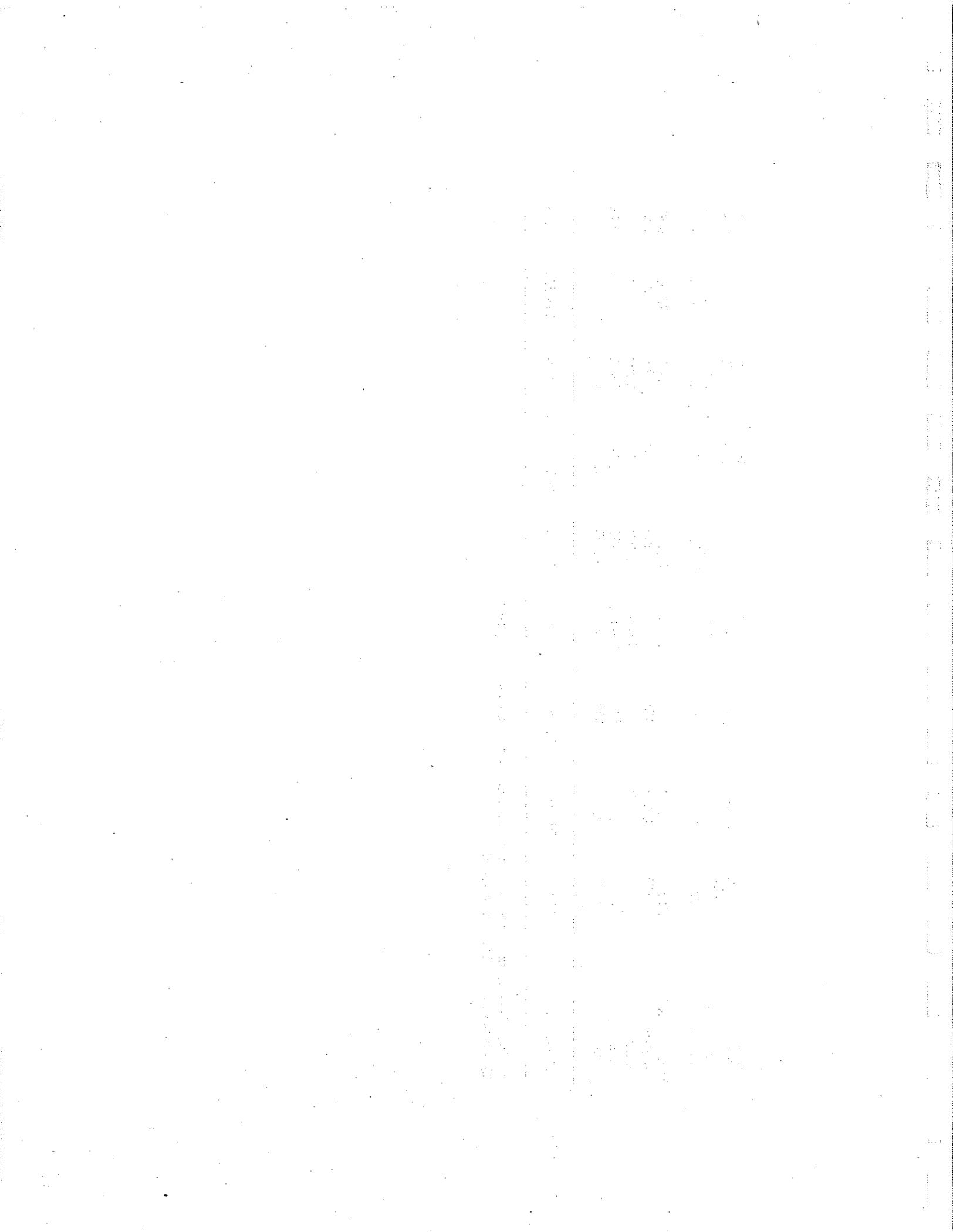
TABLE C-28**SOUTHEAST MCD PROJECTIONS BY SELECTED AGE GROUPS
SELECTED YEARS 1980-2010**

AGE	1980	1986	1990	1995	2000	2005	2010
0-4	7,543	5,461	4,506	4,307	4,452	4,979	5,360
5-17	13,778	14,322	14,414	12,946	10,941	11,146	12,626
18-29	11,634	10,190	10,065	10,170	11,078	11,873	11,466
30-39	6,799	8,177	8,229	7,797	7,328	8,213	10,735
40-64	10,270	10,595	11,565	12,648	13,717	15,353	17,355
65+	4,100	5,493	6,187	6,832	7,100	7,467	8,061
TOTAL	54,124	54,238	54,966	54,700	54,616	59,031	65,603

Uintah Basin MCD	14,399	15,558	14,129	15,200	16,600	18,100	20,500	23,300	1.6%
Daggett	450	306	328	350	350	350	350	400	-0.4%
Duchesne	5,738	5,662	5,349	5,700	6,100	6,700	7,600	8,700	1.4%
Uintah	8,211	9,590	8,452	9,200	10,200	11,100	12,600	14,200	1.8%
Southeast MCD	22,534	19,707	19,369	20,500	21,800	23,100	25,400	28,200	0.8%
Carbon	9,372	8,636	8,658	9,200	9,800	10,500	11,500	12,800	1.0%
Emery	5,480	4,712	4,552	4,800	5,100	5,400	5,900	6,600	0.6%
Grand	3,702	2,718	2,538	2,700	2,900	3,000	3,400	3,800	0.1%
San Juan	3,980	3,641	3,620	3,800	4,000	4,200	4,600	5,000	0.8%
TOTAL (2)	617,379	701,289	711,167	781,100	876,900	962,900	1,066,800	1,188,500	2.2%

(1) Total Employment includes Agriculture and Non-Farm Proprietors employment

(2) Totals may not add due to rounding.



APPENDIX D

COUNTY LEVEL EMPLOYMENT PROJECTIONS

TABLE C-29
STATE OF UTAH
TOTAL EMPLOYMENT BY COUNTY (1)

COUNTY	1980	1985	1986	1990	1995	2000	2005	2010	ANNUAL % CHANGE 1980-2010
Bear River MCD	39,170	43,890	44,814	48,700	54,600	60,200	66,800	74,400	2.2%
Box Elder	14,661	17,054	17,205	18,200	19,900	21,400	23,200	25,300	1.8%
Cache	23,695	26,115	26,954	29,800	33,900	38,000	42,700	48,100	2.4%
Rich	814	721	656	700	800	800	900	1,000	0.7%
Wasatch Front MCD	422,875	484,586	492,910	546,600	618,500	682,000	755,100	835,000	2.3%
Davis	48,550	61,476	63,370	68,800	76,000	82,200	91,400	101,400	2.5%
Morgan	1,579	1,526	1,434	1,700	1,900	2,000	2,200	2,400	1.4%
Salt Lake	307,421	349,718	353,853	397,200	452,600	502,000	557,400	617,800	2.4%
Tooele	10,649	11,309	11,143	12,100	13,300	14,200	15,200	16,400	1.4%
Weber	54,676	60,557	63,109	66,800	74,700	81,600	88,900	97,000	1.9%
Mountainland MCD	79,783	89,035	91,762	100,600	110,600	120,700	133,000	154,100	2.2%
Summit	5,071	6,868	7,144	7,800	8,800	9,900	11,200	13,300	3.3%
Utah	71,879	79,310	81,663	89,700	98,400	107,100	117,900	136,400	2.2%
Wasatch	2,833	2,857	2,831	3,100	3,400	3,700	3,900	4,400	1.5%
Central MCD	18,400	24,376	22,540	21,400	22,900	24,100	26,100	28,300	1.4%
Juab	2,265	2,046	2,053	2,100	2,300	2,500	2,700	3,000	0.9%
Millard	3,645	8,445	6,778	5,400	5,800	5,900	6,200	6,500	1.9%
Piute	463	410	401	400	400	500	500	500	0.3%
Sanpete	5,222	5,906	5,793	5,900	6,400	6,800	7,500	8,200	1.5%
Sevier	6,022	6,800	6,701	6,800	7,200	7,600	8,300	9,100	1.4%
Wayne	783	769	813	800	800	800	900	1,000	0.8%
Southwest MCD	20,212	24,137	25,142	28,600	31,900	35,400	40,000	45,100	2.7%
Beaver	1,585	1,781	1,548	2,000	2,100	2,300	2,600	2,900	2.0%
Garfield	2,156	1,817	1,874	2,000	2,100	2,200	2,700	3,200	1.3%
Iron	6,968	7,452	7,246	8,000	8,800	9,700	10,400	11,300	1.6%
Kane	1,403	1,563	1,685	1,900	2,100	2,300	2,600	2,900	2.4%
Washington	8,100	11,524	12,790	14,700	16,800	18,900	21,700	24,800	3.8%