

# Utah Data Guide

Utah State Data Center

A Newsletter for Data Users

Utah Office of Planning and Budget, Demographic and Economic Analysis

Volume 9, Number 3

## 1990 Census

### Preliminary Counts

The U.S. Bureau of the Census has released a preliminary Census Count for Utah of 1,711,117 as of April 1, 1990. This preliminary count, which shows a 17% increase for the decade of the 1980s, is slightly lower than anticipated. We caution against any official use of these numbers until they are issued as final. There are a number of possible challenges, and the final population count for the state may well be different by the time it is released on December 31st of this year.

There are two programs conducted by the Bureau of the Census which have allowed comment and/or challenges to any city or county housing or population counts in the state. The purpose of the first program, Local Review, is to provide all local governments (cities and counties) with the opportunity to improve the completeness and accuracy of the 1990 Census housing unit count. Preliminary counts were provided to these entities at the end of August, and they were then given fifteen working days to review census maps and counts. Participation in this program was voluntary, although it did give local governments the opportunity to identify potential problems at the census block level. Local governments compared preliminary housing unit counts to local sources of information such as utility connections, tax assessment records and address listings. Significant discrepancies between the housing unit counts were then reported to the Bureau of the Census. The Bureau is conducting clerical and/or field reviews to resolve the reported discrepancies. This is the last field operation conducted by the Bureau to make the 1990 Census complete and accurate.

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The second program is Count Review. This program consists of state agencies participating in the Federal-State Cooperative Program for Population Estimates commenting on city and county population and housing counts. The process for the review in Utah consists of the Demographic and Economic Analysis (DEA) Section comparing city census population estimates for 1988 with population counts and comparing April 1990 utility data with housing counts. Those cities with significant discrepancies in population and/or housing counts are being contacted by DEA staff. If the city believes there is a potential error in a count, DEA will complete a Review Referral Form outlining the discrepancy and forward it to the Bureau of the Census. The deadline for DEA comments is September 28, 1990.

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The increase in state population during the 1980s of over 250,000 was due entirely to births in the state. If the state total of 1,711,117 holds, there is an implied net out-migration of over 45,000 for the decade of the 1980s. In other words, 45,000 more people left the state over the past ten years than moved in. This is very different from the 1970s, when there was a net in-migration of 400,000 over the ten year period.

The most significant implication of this preliminary population count is that the annual average growth rate for the 1980s was **half** of what it was in the 1970s (1.6% versus 3.3%). This means that future projections must take this lower growth into account, rather than continuing to use the higher rate of the 1970s. This slower growth of the 1980s confirms two components which were recognized as having experienced changes in the years between the 1980 and 1990 censuses. First, a lower fertility rate for women. This rate has

dropped significantly during the past decade, from 3.12 children per woman, to approximately 2.5 children. Second, net out-migration which was estimated to have occurred since the mid-80s was in fact even greater than estimated.

The preliminary Counts for Utah counties have also been released, and are presented in Table 1. As mentioned above, we caution against any official use of these numbers as they are subject to possible revision.

According to the preliminary counts, the five counties which grew the fastest in the 1980s--Washington, Summit, Kane, Davis and Millard (in descending order)--all experienced **net** in-migration. Other counties in the state also experienced growth during the decade, but all of the growth was due to natural increase, rather than in-migration.

**Table 1**  
**Preliminary 1990 Census Population Counts**  
**(subject to possible revision)**

	1980 Census	1990 Preliminary Census Count	1980-90 Growth
UTAH	1,461,037	1,711,117	17.12%
Beaver County	4,378	4,739	8.25%
Box Elder County	33,222	36,364	9.46%
Cache County	57,176	70,083	22.57%
Carbon County	22,179	20,147	-9.16%
Daggett County	769	694	-9.75%
Davis County	146,540	187,072	27.66%
Duchesne County	12,565	12,563	-0.02%
Emery County	11,451	10,220	-10.75%
Garfield County	3,673	3,945	7.41%
Grand County	8,241	6,606	-19.84%
Iron County	17,349	20,644	18.99%
Juab County	5,530	5,754	4.05%
Kane County	4,024	5,155	28.11%
Millard County	8,970	11,216	25.04%
Morgan County	4,917	5,506	11.98%
Piute County	1,329	1,263	-4.97%
Rich County	2,100	1,716	-18.29%
Salt Lake County	619,066	720,709	16.42%
San Juan County	12,253	12,360	0.87%
Sanpete County	14,620	16,054	9.81%
Sevier County	14,727	15,367	4.35%
Summit County	10,198	15,463	51.63%
Tooele County	26,033	26,444	1.58%
Uintah County	20,506	21,992	7.25%
Utah County	218,106	261,303	19.81%
Wasatch County	8,523	10,010	17.45%
Washington County	26,065	47,825	83.48%
Wayne County	1,911	2,161	13.08%
Weber County	144,616	157,742	9.08%

Source: U.S. Bureau of the Census

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# 1990 Census Calendar of Activities in Utah

<b>September 1990</b>	Local governments respond to postcensus Local Review counts within 15 working days of receiving the counts
<b>October 1990</b>	Census Bureau completes all field work  Census Bureau responds to local government's postcensus Local Review discrepancies  Salt Lake District Office closes
<b>December 1990</b>	Census Bureau delivers state population counts to the President by December 31, 1990 to be used in reapportioning the U.S. House of Representatives
<b>April 1991</b>	Census Bureau provides states with population counts on a block level for the states to use to redraw legislative districts (April 1, 1991)

Note: These activities are tentative and are subject to change. For information about a particular activity, call the Demographic and Economic Analysis section at (801) 538-1036.

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## Utah Demographic Report

The second annual *Utah Demographic Report*, prepared by the Demographic and Economic Analysis Section, is currently available. This report is a single source for the most commonly requested demographic data on Utah. Demographic profiles are shown for Utah, its multi-county districts, and counties. The report also includes selected demographic information for all fifty states and Washington, D.C.

Table 2, on page 4, is an example of some of the information found in the *Utah Demographic Report*. It can be purchased for \$4.00 from the Utah Office of Planning and Budget's Demographic and Economic Analysis Section. Those interested in ordering a copy should call (801) 538-1036.

**Table 2  
State of Utah  
Demographic Profile  
Years 1970, 1980 through 1989**

	Census 1970	Census 1980	July 1, 1980	July 1, 1981	July 1, 1982	July 1, 1983	July 1, 1984	July 1, 1985	July 1, 1986	July 1, 1987	July 1, 1988	July 1, 1989
Population	1,059,273	1,461,037	1,474,000	1,516,000	1,559,000	1,596,000	1,624,000	1,645,000	1,665,000	1,680,000	1,695,000	1,715,000
Increase	-	-	54,000	42,000	43,000	37,000	28,000	21,000	20,000	15,000	15,000	20,000
Percent Change	-	-	-	3.8%	2.8%	2.4%	1.8%	1.3%	1.2%	0.9%	0.9%	1.2%
Population Density	12.9	17.8	18.0	18.5	19.0	19.4	19.8	20.0	20.3	20.5	20.7	20.9
Births	-	-	41,591	41,511	41,774	40,557	38,643	37,508	37,145	35,469	35,648	35,549
Births per Thousand Pop	-	-	28.2	27.4	26.8	25.4	23.8	22.8	22.3	21.1	21.0	20.7
Fertility Rate	-	-	122	119	116	111	104	100	97	92	92	91
Deaths	-	-	8,108	8,112	8,404	8,346	8,886	8,923	8,790	8,813	9,122	8,916
Deaths per Thousand Pop	-	-	5.5	5.4	5.4	5.2	5.5	5.4	5.3	5.2	5.4	5.2
Natural Increase	-	-	33,483	33,399	33,370	32,211	29,757	28,585	28,355	26,656	26,526	26,633
Net Migration	-	-	20,517	8,601	9,630	4,789	(1,757)	(7,585)	(8,355)	(11,656)	(11,526)	(6,774)
Households	297,934	449,000	-	465,000	476,000	483,000	496,000	505,000	514,000	518,000	525,000	534,000
Persons per Household	3.56	3.20	-	3.26	3.28	3.30	3.27	3.26	3.24	3.24	3.23	3.14
<b>Population by Age Group*</b>												
0-4	111,798	189,962	-	199,060	203,150	201,720	198,810	193,330	186,740	179,710	175,600	172,940
Percent of Total	10.6%	13.0%	-	13.1%	13.0%	12.6%	12.2%	11.7%	11.2%	10.7%	10.4%	10.1%
5-17	312,052	350,143	-	361,410	371,240	382,280	394,070	407,230	428,220	436,700	440,920	446,630
Percent of Total	29.5%	24.0%	-	23.8%	23.8%	24.0%	24.2%	24.7%	25.7%	26.0%	26.0%	26.0%
18-29	215,332	351,391	-	361,720	367,110	368,010	365,180	358,300	348,940	345,010	342,560	343,850
Percent of Total	20.3%	24.1%	-	23.8%	23.5%	23.1%	22.5%	21.8%	21.0%	20.5%	20.2%	20.0%
30-39	111,352	184,866	-	197,090	209,410	220,460	230,880	240,460	247,210	253,810	256,470	260,980
Percent of Total	10.5%	12.7%	-	13.0%	13.4%	13.8%	14.2%	14.6%	14.9%	15.1%	15.1%	15.2%
40-64	231,178	275,455	-	281,220	287,120	294,190	301,020	306,270	307,700	319,300	329,360	339,870
Percent of Total	21.8%	18.9%	-	18.5%	18.4%	18.4%	18.5%	18.6%	18.5%	19.0%	19.4%	19.8%
65+	77,561	109,220	-	116,510	122,780	129,240	135,520	141,470	145,890	145,190	150,250	156,040
Percent of Total	7.3%	7.5%	-	7.7%	7.9%	8.1%	8.3%	8.6%	8.8%	8.6%	8.9%	9.1%
75+	50,541	41,400	-	44,620	47,570	50,760	53,920	57,260	59,860	60,670	63,910	67,540
Percent of Total	4.8%	2.8%	-	2.9%	3.0%	3.2%	3.3%	3.5%	3.6%	3.6%	3.8%	3.9%
85+	5,997	8,852	-	9,750	10,550	11,330	12,060	13,040	13,860	14,090	15,050	16,080
Percent of Total	0.6%	0.6%	-	0.6%	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%
16 and over	682,543	974,209	-	1,008,040	1,036,260	1,061,340	1,082,220	1,096,840	1,106,230	1,121,070	1,134,970	1,157,000
Percent of Total	64.4%	66.7%	-	66.5%	66.4%	66.5%	66.6%	66.6%	66.5%	66.7%	67.0%	67.3%
18 and over	635,423	920,932	-	956,180	986,410	1,011,890	1,032,590	1,046,500	1,049,750	1,063,310	1,078,640	1,100,730
Percent of Total	60.0%	63.0%	-	63.0%	63.2%	63.4%	63.5%	63.5%	63.1%	63.3%	63.6%	64.0%
21 and over	570,349	831,588	-	866,020	899,960	927,320	950,890	966,660	970,900	982,220	995,700	1,014,490
Percent of Total	53.8%	56.9%	-	57.1%	57.7%	58.1%	58.5%	58.7%	58.3%	58.5%	58.7%	59.0%
Median Age	23.1	24.2	-	24.3	24.6	24.8	25.0	25.2	25.2	25.5	25.7	25.7
Dependency Ratio	90	80	-	81	81	81	81	82	84	83	83	82
<b>Minority and Ethnic Status**</b>												
White	1,031,936	1,382,550	-	1,397,100	1,434,800	1,467,000	1,491,600	1,509,500	-	-	-	-
Percent of Total	97.4%	94.6%	-	92.2%	92.0%	91.9%	91.8%	91.8%	-	-	-	-
Black	6,617	9,225	-	10,600	10,700	11,300	11,500	11,800	-	-	-	-
Percent of Total	0.6%	0.6%	-	0.7%	0.7%	0.7%	0.7%	0.7%	-	-	-	-
American Indian	11,273	19,256	-	-	-	-	-	-	-	-	-	-
Percent of Total	1.1%	1.3%	-	-	-	-	-	-	-	-	-	-
Asian & Pacific Islander	6,386	15,076	-	-	-	-	-	-	-	-	-	-
Percent of Total	0.6%	1.0%	-	-	-	-	-	-	-	-	-	-
Hispanic	NA	60,326	-	62,400	64,800	67,300	69,500	70,600	-	-	-	-
Percent of Total	NA	4.1%	-	4.1%	4.2%	4.2%	4.3%	4.3%	-	-	-	-
Other	3,071	34,930	-	45,900	48,700	50,400	51,400	53,100	-	-	-	-
Percent of Total	0.3%	2.4%	-	3.0%	3.1%	3.2%	3.2%	3.2%	-	-	-	-
Female	536,008	736,536	743,080	763,460	785,000	803,740	817,950	826,980	839,010	846,250	854,290	867,290
Percent of Total	50.6%	50.4%	50.4%	50.3%	50.3%	50.4%	50.3%	50.2%	50.4%	50.4%	50.4%	50.4%

\* 1981-1989 age estimates are rounded.

\*\* American Indian, Asian and Pacific Islander population estimates for 1981 to 1985 are included in the "Other" category.

- = Not available.

Sources: Population estimates, Utah Population Estimates Committee;

Births and Deaths, Utah Dept. of Health, Bureau of Vital Records & Health Statistics, Utah's Vital Statistics;

Age estimates, Utah Office of Planning & Budget, Demographic & Economic Analysis, UPED Model;

Racial & Minority estimates, U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1040-RD-1;

Households and Median age, U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1058; and

1970 and 1980 Census Years, U.S. Bureau of the Census, Census of the Population, General Population Characteristics, Utah, 1970, 1980.

# 1990 Statistical Abstract of the United States

## State Rankings

<b>Total 1989 Population</b>			<b>Population 1988 (Under Age 18)</b>			<b>Population Density</b>		
	Thousands	Rank		Percent	Rank		Sq. Mile	Rank
U.S.	248,239	---	U.S.	26.0%	---	U.S.	69.5	---
Utah	1,707	35	Utah	37.3%	1	Utah	20.6	41
California	29,063	1	Massachusetts	22.6%	50	New Jersey	1,033.9	1
Wyoming	475	50				Alaska	0.9	50
<b>1988 Population In Metro Areas</b>			<b>Population Increase 1980-89</b>			<b>Total Net Migration 1985-88</b>		
	Percent	Rank		Percent	Rank		Thousands	Rank
U.S.	77.1	---	U.S.	9.6%	---	U.S.	2,042	---
Utah	77.4	17	Utah	16.8%	10	Utah	-35	38
New Jersey	100.0	1	Nevada	38.9%	1	California	1,101	1
Idaho	20.0	50	West Virginia	-4.8%	50	Louisiana	-196	50
<b>Birth Rate 1987</b>			<b>1987 Infant Mortality</b>			<b>Unmarried Births--1987</b>		
	Per 1,000	Rank		Per 1,000	Rank		Percent of Total	Rank
U.S.	15.6	---	U.S.	10.1	---	U.S.	24.5%	---
Utah	21.0	2	Utah	8.8	39	Utah	11.1%	50
Alaska	22.2	1	Mississippi	13.7	1	Mississippi	35.1%	1
West Virginia	11.8	50	Massachusetts	7.2	50			
<b>Low Birthweight Births 1987</b>			<b>Hospital Beds--1987</b>			<b>1988 Physicians</b>		
	Percent of Total	Rank		Per 100,000	Rank		Per 100,000	Rank
U.S.	6.9%	---	U.S.	518	---	U.S.	210	---
Utah	5.7%	36	Utah and Hawaii	351	49	Utah	177	28
Mississippi	9.0%	1	North Dakota	878	1	Maryland	325	1
Alaska	4.8%	50				Idaho	120	50
<b>Civilian Labor Force 1988</b>			<b>1987 Female Participation Labor Force</b>			<b>Non-Ag. Empl. Increase 1980-88</b>		
	Empl/Pop	Rank		Percent	Rank		Percent	Rank
U.S.	62.3	---	U.S.	56.6%	---	U.S.	16.8%	---
Utah	65.8	16	Utah	59.4%	24	Utah	19.8%	16
Vermont	70.9	1	Nevada	66.1%	1	Florida	42.1%	1
West Virginia	46.2	50	West Virginia	41.1%	50	Wyoming	-12.9%	50
<b>Unempl. Rate 1988</b>			<b>Avg. Annual Pay-1988</b>			<b>Disposable Income-1988</b>		
	Percent	Rank		Amount	Rank		Per Capita	Rank
U.S.	5.5%	---	U.S.	\$21,871	---	U.S.	\$14,107	---
Utah	4.9%	29	Utah	\$18,910	36	Utah	\$10,564	48
Louisiana	10.9%	1	Alaska	\$28,033	1	Connecticut	\$19,096	1
New Hampshire	2.4%	50	South Dakota	\$15,424	50	Mississippi	\$9,612	50
<b>Farms-Percent Land Increase 1982-87</b>			<b>1988 Fed Grants to St &amp; Lcl Gvts</b>			<b>Public Aid Recipients 1982-88</b>		
	Percent	Rank		Per Capita	Rank		Percent of Pop.	1988 Rank
U.S.	-2.3	---	U.S.	\$447	---	U.S.	6.1%	---
Utah	2.2	1	Utah	\$429	33	Utah	3.1%	47
Alaska	-22.4	50	Alaska	\$1,130	1	Mississippi	11.1%	1
			Florida	\$277	50	New Hampshire	1.7%	50
<b>Public Elem &amp; Sec School Enrollment 1980-1990</b>			<b>Housing Starts 1987-88</b>			<b>Retail Sales Per Household 1982-88</b>		
	Percent Increase	Rank		Percent Increase	Rank		Percent Increase	Rank
U.S.	-5%	---	U.S.	-8.3%	---	U.S.	40.2%	---
Utah	28.9%	1	Utah	-30.5%	47	Utah	28.4%	40
Massachusetts	-19.8	50	Montana	47.5%	1	New Hampshire	64.9%	1
						Wyoming	.7%	50

Note: These figures and rankings were taken from the 1990 Statistical Abstract of the United States. Published annually, the Abstract is one of the most comprehensive collections of national statistics available in one volume. Copies are available prepaid from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402-9325. The paperback (GPO #003-024-06905-9) sells for \$26.00, and the hardback (GPO #003-024-06906-7) sells for \$32.00.

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## BEA Regional Projections

The U.S. Department of Commerce's Bureau of Economic Analysis (BEA) recently released its publication *BEA Regional Projections to 2040*. Volume 1 (States) presents projections of population and economic activity to the year 2040 for the U.S. and the states. (The second and third volumes, which present projections for metropolitan statistical areas and BEA economic areas, will be published in late 1990). Projections are available for (1) population in three age groups, (2) personal income, classified by major income component, and (3) employment and earnings—each of which is presented for 57 industrial groups. Projections are given for 1995, 2000, 2005, 2010, 2020, and 2040; historical data are given for 1973, 1979, 1983, and 1988.

Tables 3 and 4 provide selected data from BEA's report. Table 3 shows total personal income, population, and employment for the U.S., states, and regions for 1988 and projected years. According to the data, the average annual growth rate (years 1988-2040) for total personal income in Utah is projected to be 1.6 percent, higher than the U.S. rate of 1.3 percent, and just smaller than the top three states of Nevada, Arizona, and Florida. Nevada has the highest projected growth rate of all the states at 1.8 percent, and the Far West and Rocky Mountains have the highest rates for regions with a rate of 1.4 percent.

In terms of population growth, Nevada comes in first again with an annual growth rate of 1.0 percent (between 1988 and 2040). Utah's rate of 0.6 percent is sixth largest, and greater than the U.S. rate of 0.4 percent.

The growth rates for total employment also show Utah in one of the top ten positions. According to BEA, the average annual rate of growth for total employment in Utah is projected to be 0.5 percent between the years 1988 and 2040. Utah's rate of growth is greater than the U.S. rate of 0.2 percent and greater than that for the Rocky Mountain region (0.4 percent). It should be noted that BEA employment includes agriculture and all self-employed individuals, and is therefore not directly comparable to data on non-agricultural employment published by the Utah Department of Employment Security.

Table 4 provides detailed information for sources of personal income for Utah. Total personal income is projected to grow 1.6 percent between the years 1988 and 2040, with nonfarm income experiencing the same growth rate and farm income experiencing a rate of 0.7 percent.

Total earnings in Utah are projected to grow 1.5 percent annually (years 1988 to 2040), with nonfarm earnings growing at the same rate and farm earnings experiencing an annual growth rate of 0.7 percent. Agricultural services, forestry, and fisheries is the industry expected to see the largest rate of growth in earnings at 2.1 percent between 1988 and 2040. The service industry is expected to see an annual rate of growth of 2.0 percent. Retail and wholesale trade will see growth rates of 1.5 percent and 1.4 percent, respectively, while the mining industry will experience the lowest growth rate at 0.4 percent.

Per capita income in Utah, for the years 1988 and 2040, is expected to experience a 1.0 percent annual rate of growth. Population will witness a 0.6 percent overall rate of growth between 1988 and 2040, with the 65 and over age group growing the most at a rate of 1.8 percent; 18 to 64 years, 0.6 percent; and under 18 years, 0.2 percent.

These projections are longer in time span than any projections developed by the State of Utah. Projections for 2000 and 2010 have been compared with those developed by DEA. These comparisons show a 0.4 percent difference in population and employment for the year 2000. However, the BEA projections of the age distribution are vastly different than those published by DEA.

After the year 2000, these projections begin to deviate significantly from those developed by DEA. These projections are 12.0 percent lower in population and 11.2 percent lower in employment than DEA's projections for the year 2010. These projections imply a very slow rate of growth after the year 2000, which would appear inconsistent with demographic cycles which are apparent in Utah. Although it is recognized that these projections are the only set of long term economic projections published by the Federal Government for all states, users of the projections should use caution when using them for the state of Utah.

If needed, more detailed information is available. Inquiries should be directed towards the Demographic and Economic Analysis section at (801) 538-1036.

**Table 3**  
**Total Personal Income, Population and Employment**  
**Historical Year 1988 & Projected Years 2000-2040**  
**for the U.S., States, and Regions**

	1988			2000			2010			2020			2040		
	Tot. Personal Income	Tot. Population	Tot. Employment	Tot. Personal Income	Tot. Population	Tot. Employment	Tot. Personal Income	Tot. Population	Tot. Employment	Tot. Personal Income	Tot. Population	Tot. Employment	Tot. Personal Income	Tot. Population	Tot. Employment
United States	3,255,648.2	245,807	132,502.5	4,108,386.0	267,741	151,450.0	4,708,320.0	282,050	158,618.0	5,206,981.0	293,839	155,816.0	6,220,252.0	301,282	150,644.0
New England	210,062.3	12,963	8,025.6	255,367.9	14,067	9,015.8	287,817.1	14,832	9,377.6	314,649.0	15,408	9,171.7	370,412.5	15,742	8,815.2
Connecticut	59,813.8	3,233	2,012.9	71,529.5	3,489	2,246.9	79,888.6	3,666	2,328.3	86,538.3	3,803	2,272.0	100,678.9	3,877	2,177.0
Maine	14,615.1	1,205	686.3	18,337.4	1,308	763.3	21,027.9	1,377	791.5	23,290.9	1,430	773.4	27,886.3	1,460	742.5
Massachusetts	98,567.5	5,889	3,767.3	118,565.6	6,342	4,229.3	133,042.8	6,674	4,394.0	145,363.3	6,931	4,293.6	170,982.9	7,079	4,121.1
New Hampshire	16,765.3	1,085	662.7	21,531.0	1,240	765.5	24,829.7	1,334	811.2	27,325.2	1,392	802.3	32,441.3	1,430	782.8
Rhode Island	13,441.2	993	559.4	16,677.0	1,072	631.6	18,955.4	1,129	657.0	21,012.8	1,179	642.7	25,177.3	1,212	618.0
Vermont	6,859.5	557	336.9	8,727.4	615	379.2	10,072.7	652	395.5	11,118.4	674	387.7	13,245.8	685	373.8
Mideast	663,353.0	43,531	23,896.0	804,379.3	46,024	26,530.5	903,713.0	47,822	27,348.8	989,290.0	49,482	26,599.5	1,165,589.0	50,264	25,367.9
Delaware	9,385.9	660	396.4	11,968.0	760	460.6	13,778.5	818	485.6	15,196.4	855	479.1	18,083.4	881	465.9
Dist. of Columbia	10,578.8	617	764.1	12,379.7	625	857.7	13,786.6	643	892.6	15,214.4	666	873.8	18,127.2	680	841.2
Maryland	72,689.9	4,622	2,607.2	90,933.1	5,148	3,005.6	103,784.5	5,469	3,159.0	114,010.1	5,679	3,108.0	135,033.3	5,802	3,011.9
New Jersey	137,280.2	7,721	4,337.4	168,833.9	8,470	4,929.9	191,633.3	8,989	5,148.7	209,391.5	9,363	5,047.5	246,302.7	9,601	4,866.3
New York	277,065.7	17,909	9,733.6	330,379.4	18,506	10,592.7	366,630.9	18,950	10,783.0	398,905.4	19,422	10,403.9	465,648.0	19,463	9,808.5
Pennsylvania	156,352.5	12,001	6,057.5	189,885.1	12,515	6,684.0	214,099.2	12,953	6,879.9	236,572.2	13,497	6,687.1	282,394.4	13,837	6,374.0
Great Lakes	549,336.7	42,119	21,927.4	670,276.7	44,396	24,521.0	756,128.3	46,070	25,423.1	829,720.2	47,714	24,826.1	980,929.3	48,537	23,810.1
Illinois	164,057.5	11,614	6,166.4	199,416.1	12,362	6,952.5	224,509.6	12,883	7,237.5	245,700.6	13,345	7,082.7	289,427.6	13,580	6,811.8
Indiana	66,330.3	5,556	2,937.7	82,518.0	5,881	3,309.7	93,899.4	6,131	3,446.7	103,324.9	6,359	3,375.5	122,598.5	6,482	3,249.5
Michigan	122,782.5	9,240	4,514.4	149,509.3	9,733	5,061.3	168,614.6	10,101	5,259.5	185,282.3	10,470	5,144.8	219,545.6	10,667	4,947.0
Ohio	135,529.8	10,855	5,622.5	163,636.1	11,261	6,185.0	183,810.9	11,596	6,360.9	201,622.4	11,986	6,180.7	238,184.4	12,158	5,887.6
Wisconsin	60,636.5	4,855	2,686.3	75,197.2	5,159	3,012.5	85,293.9	5,360	3,118.5	93,789.9	5,553	3,042.5	111,173.2	5,650	2,914.1
Plains	219,538.0	17,759	10,153.9	274,130.8	18,825	11,349.5	311,229.9	19,536	11,740.4	342,274.8	20,247	11,449.5	405,764.0	20,612	10,960.6
Iowa	33,373.7	2,834	1,574.3	41,282.6	2,981	1,757.2	46,760.3	3,084	1,815.4	51,540.7	3,202	1,768.9	61,300.1	3,267	1,691.5
Kansas	31,550.1	2,495	1,426.8	39,256.4	2,620	1,572.7	44,306.7	2,700	1,615.2	48,522.2	2,790	1,569.6	57,200.6	2,828	1,495.4
Minnesota	57,611.2	4,307	2,549.5	72,216.5	4,657	2,905.0	82,121.8	4,869	3,025.9	90,110.9	5,046	2,961.5	106,485.8	5,137	2,848.4
Missouri	63,821.9	5,141	2,922.6	79,286.7	5,434	3,252.0	90,280.0	5,647	3,367.2	99,560.9	5,860	3,285.1	118,463.6	5,975	3,146.7
Nebraska	19,036.7	1,602	932.7	24,148.7	1,686	1,036.3	27,419.3	1,746	1,069.6	30,093.3	1,809	1,041.9	35,593.3	1,841	995.9
North Dakota	6,839.9	667	365.8	8,703.2	698	401.6	9,858.7	719	411.2	10,880.3	743	398.9	12,954.0	753	379.4
South Dakota	7,304.4	713	382.4	9,236.5	749	424.6	10,483.1	771	436.0	11,566.5	798	423.6	13,766.7	810	403.4
Southeast	681,456.1	58,673	30,608.1	879,764.0	64,260	35,155.1	1,020,681.4	67,983	36,923.0	1,139,916.6	71,213	36,352.3	1,379,816.5	73,565	35,256.4
Alabama	42,329.0	4,102	1,960.2	51,855.9	4,234	2,157.2	58,463.1	4,341	2,212.3	64,515.8	4,494	2,148.8	76,781.1	4,568	2,046.3
Arkansas	23,497.8	2,395	1,158.3	29,182.9	2,517	1,290.5	33,180.2	2,604	1,331.2	36,970.8	2,719	1,296.5	44,566.4	2,794	1,238.6
Florida	164,542.5	12,335	6,524.1	225,849.1	14,575	7,994.2	270,569.5	16,026	8,665.3	309,052.2	17,281	8,669.3	385,724.9	18,531	8,584.5
Georgia	77,763.8	6,342	3,563.7	102,019.1	7,136	4,173.4	118,789.4	7,612	4,418.4	131,749.7	7,922	4,373.5	157,897.6	8,113	4,271.6
Kentucky	38,397.6	3,727	1,831.8	47,049.8	3,863	2,026.3	53,314.5	3,981	2,089.9	59,018.6	4,126	2,036.9	70,565.8	4,201	1,949.0
Louisiana	43,531.1	4,408	1,918.7	51,293.4	4,392	2,033.4	56,755.1	4,409	2,045.0	61,875.5	4,480	1,960.2	72,367.3	4,437	1,832.2
Mississippi	23,411.1	2,620	1,167.2	28,936.0	2,722	1,291.6	32,857.5	2,795	1,330.5	36,555.2	2,896	1,295.9	43,948.3	2,945	1,238.8
North Carolina	74,500.3	6,489	3,732.6	94,879.6	7,038	4,183.7	109,009.8	7,402	4,341.7	120,321.6	7,686	4,248.6	143,323.7	7,849	4,087.6
South Carolina	35,991.8	3,470	1,828.1	45,410.5	3,691	2,038.9	51,984.1	3,842	2,111.8	57,412.1	3,980	2,065.7	68,435.3	4,052	1,986.8
Tennessee	54,519.4	4,895	2,632.9	70,693.9	5,359	3,036.0	81,829.5	5,658	3,182.3	91,070.0	5,903	3,127.2	109,624.7	6,064	3,024.6
Virginia	85,349.2	6,015	3,544.6	112,133.7	6,860	4,147.5	131,158.0	7,404	4,403.4	146,021.9	7,753	4,367.0	176,065.3	8,010	4,277.9
West Virginia	17,622.5	1,876	746.0	20,460.2	1,873	782.3	22,770.6	1,909	791.2	25,353.2	1,974	762.6	30,516.0	2,001	718.6
Southwest	289,087.7	25,078	12,604.0	372,836.8	27,347	14,524.7	431,054.0	28,693	15,270.1	477,593.8	29,848	15,032.1	571,752.8	30,539	14,574.0
Arizona	41,970.1	3,489	1,803.6	58,991.5	4,236	2,285.5	71,296.4	4,689	2,521.8	81,368.6	5,039	2,549.5	101,270.3	5,378	2,558.7
New Mexico	15,122.1	1,507	700.0	20,202.5	1,691	829.4	23,733.6	1,798	878.8	26,614.3	1,875	868.5	32,326.3	1,924	846.3
Oklahoma	34,688.5	3,242	1,574.9	43,319.1	3,348	1,756.4	49,523.1	3,447	1,815.8	55,073.7	3,584	1,771.7	66,218.6	3,664	1,697.7
Texas	197,306.9	16,841	8,525.5	250,323.7	18,072	9,653.4	286,501.0	18,758	10,053.8	314,537.3	19,350	9,842.4	371,937.5	19,573	9,471.2
Rocky Mountain	83,924.2	7,278	3,925.5	109,967.4	8,099	4,591.2	128,756.4	8,624	4,879.8	143,640.5	8,994	4,834.7	173,381.4	9,228	4,727.2
Colorado	43,643.8	3,301	1,937.0	57,941.9	3,784	2,303.9	68,253.8	4,086	2,466.4	76,147.1	4,269	2,453.8	91,968.7	4,394	2,412.3
Idaho	10,145.0	1,003	496.8	13,072.1	1,073	569.6	15,135.8	1,121	596.1	16,867.2	1,169	585.5	20,332.5	1,199	565.9
Montana	8,339.2	805	411.1	10,284.6	824	444.7	11,631.7	845	454.4	12,873.5	872	439.7	15,372.1	883	416.5
Utah	16,544.8	1,690	827.6	22,548.9	1,943	1,009.5	26,943.0	2,095	1,098.1	30,398.9	2,200	1,101.8	37,177.9	2,276	1,095.0
Wyoming	5,251.3	479	253.0	6,119.9	474	263.4	6,792.1	478	264.8	7,353.9	484	253.9	8,530.2	477	237.5
Far West	536,095.5	36,783	20,410.9	712,707.8	42,877	24,654.3	835,550.1	46,504	26,482.2	932,848.9	48,859	26,386.1	1,128,137.3	50,657	25,991.1
California	426,707.4	28,314	15,711.5	567,565.8	33,166	19,070.4	665,586.5	36,045	20,539.0	742,575.8	37,853	20,496.5	897,147.6	39,222	20,230.5
Nevada	14,839.9	1,054	644.4	21,702.4	1,369	847.3	26,414.8	1,551	939.2	30,060.2	1,665	951.6	37,299.2	1,777	957.6
Oregon	33,068.6	2,767	1,505.8	42,692.8	3,070	1,732.5	49,350.0	3,255	1,814.2	54,908.6	3,409	1,779.7	66,106.1	3,519	1,716.9
Washington	61,479.7	4,648	2,549.2	80,746.8	5,272	3,004.1	94,198.8	5,653	3,189.7	105,304.4	5,931	3,158.3	127,584.4	6,140	3

**Table 4**  
**Sources of Personal Income**  
**Historical Years 1973-1988 & Projected Years 1995-2040**  
**for Utah**  
**(In Millions of 1982 dollars)**

	1973	1979	1983	1988	1995	2000	2005	2010	2020	2040
Income by place of residence:										
Total personal income	9,936.1	13,413.7	14,407.0	16,544.8	19,934.2	22,548.9	24,856.0	26,943.0	30,398.9	37,177.9
Nonfarm personal income	9,650.3	13,241.3	14,347.9	16,387.6	19,762.5	22,365.6	24,663.7	26,743.7	30,192.4	36,953.0
Farm income	285.8	172.4	59.1	157.3	171.7	183.3	192.2	199.4	206.5	224.9
Derivation of total personal income:										
Total earnings by place of work	8,145.5	10,913.5	11,071.7	12,566.7	15,242.2	17,384.3	19,264.1	20,873.8	22,992.0	27,361.5
Less: Personal contributions for social insurance	415.9	578.2	646.5	796.0	1,029.4	1,237.0	1,441.0	1,638.2	1,937.4	2,621.7
Plus: Adjustment for residence	14.8	44.0	49.4	67.6	88.1	100.1	110.5	119.3	129.9	151.6
Equals: Net earnings by place of residence	7,744.4	10,379.3	10,474.6	11,838.4	14,300.9	16,247.4	17,933.6	19,354.9	21,184.6	24,891.5
Plus: Dividends, interest, and rent	1,066.8	1,443.8	1,871.9	2,270.7	2,765.7	3,148.1	3,482.1	3,759.3	4,116.8	4,876.7
Plus: Transfer payments	1,124.8	1,590.6	2,060.5	2,435.7	2,867.7	3,153.4	3,440.3	3,828.9	5,097.5	7,409.8
Earnings by place of work by industry:										
Total earnings	8,145.5	10,913.5	11,071.7	12,566.7	15,242.2	17,384.3	19,264.1	20,873.8	22,992.0	27,361.5
Farm	285.8	172.4	59.1	157.3	171.7	183.3	192.2	199.4	206.5	224.9
Nonfarm	7,859.7	10,741.1	11,012.6	12,409.5	15,070.5	17,200.9	19,071.9	20,674.4	22,785.6	27,136.6
Private	5,913.8	8,589.4	8,664.0	9,812.2	12,169.0	14,035.7	15,680.8	17,091.9	18,962.6	22,771.5
Agricultural services, forestry, fisheries, and other	21.0	31.8	35.6	38.5	51.5	61.8	71.0	78.8	89.6	111.0
Mining	318.2	559.0	478.4	264.1	274.6	285.3	293.5	300.9	307.3	329.3
Construction	661.6	1,074.1	846.2	741.6	887.7	1,035.3	1,164.3	1,274.9	1,420.5	1,710.7
Manufacturing	1,252.7	1,801.2	1,844.7	2,150.8	2,565.6	2,877.7	3,146.5	3,379.0	3,673.6	4,290.5
Transportation and public utilities	681.4	942.7	1,053.3	1,063.8	1,269.1	1,425.9	1,560.8	1,681.1	1,837.2	2,165.5
Wholesale trade	520.6	756.1	733.2	791.0	936.5	1,051.5	1,157.4	1,253.3	1,378.4	1,636.5
Retail trade	929.7	1,152.7	1,108.4	1,197.6	1,455.1	1,674.9	1,864.4	2,022.3	2,229.0	2,653.2
Finance, insurance, and real estate	371.4	578.7	544.8	676.6	859.8	1,001.6	1,128.7	1,243.0	1,397.3	1,705.7
Services	1,157.1	1,693.1	2,019.3	2,888.3	3,869.2	4,621.6	5,294.2	5,858.6	6,629.8	8,169.1
Government and government enterprises	1,945.9	2,151.7	2,348.5	2,597.3	2,901.4	3,165.3	3,391.1	3,582.5	3,823.0	4,365.1
Federal, civilian	836.1	792.1	828.8	877.3	932.9	979.0	1,017.0	1,048.5	1,080.0	1,174.0
Federal, military	133.9	123.6	153.1	170.6	181.0	188.9	197.3	205.9	224.4	266.3
State and local	975.9	1,235.9	1,366.6	1,549.4	1,787.6	1,997.3	2,176.9	2,328.1	2,518.5	2,924.8
Total population as of July 1 (thousands)										
By age:	1,169.0	1,416.0	1,595.0	1,690.0	1,841.0	1,943.0	2,025.0	2,095.0	2,200.0	2,276.0
Under 18 years	N.A.	N.A.	599.0	630.0	671.0	684.0	680.0	675.0	692.0	684.0
18-64 years	N.A.	N.A.	873.0	919.0	1,007.0	1,087.0	1,164.0	1,221.0	1,239.0	1,230.0
65 years and over	N.A.	N.A.	123.0	141.0	163.0	172.0	181.0	199.0	269.0	362.0
Per capita income (1982 dollars)	8,501.0	9,472.0	9,030.0	9,791.0	10,827.0	11,605.0	12,272.0	12,863.0	13,818.0	16,337.0
Per capita income relative (U.S.=1.00)	0.81	0.82	0.78	0.74	0.75	0.76	0.76	0.77	0.78	0.79
Employment/population ratio	0.44	0.47	0.44	0.49	0.51	0.52	0.53	0.52	0.50	0.48
Employment/population ratio relative (U.S.=1.00)	0.96	0.96	0.91	0.91	0.91	0.92	0.93	0.93	0.94	0.96
Total employment (Thousands of jobs)	514.9	672.4	709.0	827.6	932.9	1,009.5	1,063.6	1,098.1	1,101.8	1,095.0
Farm	18.8	19.3	20.5	19.5	19.1	18.8	18.4	17.9	16.6	14.7
Nonfarm	496.1	653.1	688.4	808.1	913.9	990.7	1,045.2	1,080.2	1,085.2	1,080.4

Source: U.S. Department of Commerce, Bureau of Economic Analysis

# State of Utah Economic Forecasts

## Economic and Revenue Forecasts

The outlook for Utah's economy still appears to be good for the 1990s. Population is expected to grow at a rate of 1.3 percent per year. Out-migration continues to be on the decrease--4,900 projected out-migration in 1990 to 300 projected out-migration in 1991. Utah's non-agricultural employment is expected to increase 4.5 percent during 1990, and Utah's personal income is forecast to increase by 7.5 percent. Actual and estimated economic indicators, shown on Table 5, are a regular feature in this newsletter.

The Utah Office of Planning and Budget and the Utah State Tax Commission recently released actual 1989 and 1990 revenue figures, as well as 1991 projections based on the economic forecasts mentioned above (see Table 6).

Revenues increased between fiscal years 1989 and 1990 by over \$63 million, an increase of 3.49 percent. Between FY 1990 and 1991, revenues are expected to increase by 3.19 percent, or \$60 million.

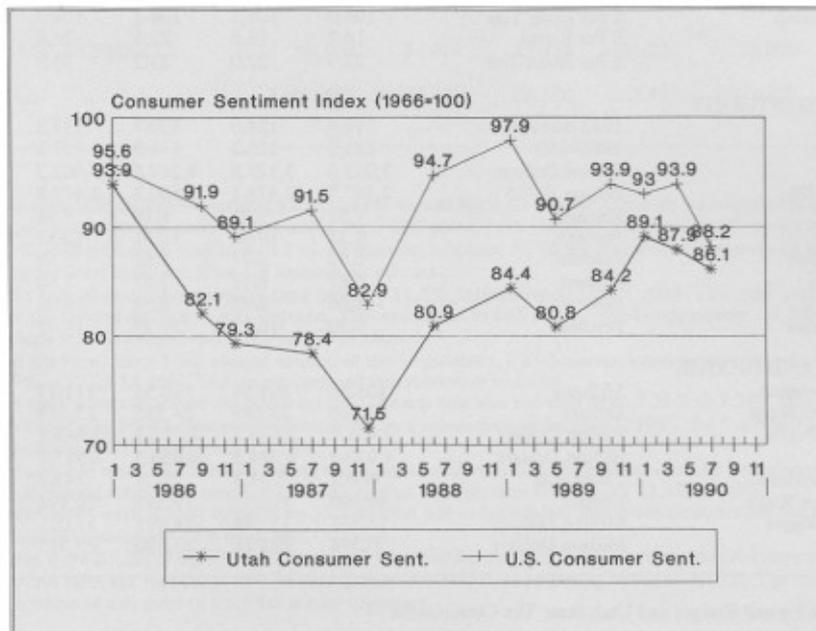
## Consumer Sentiment Index

For the second time in a row during 1990, Utahns' view of Utah's economy decreased, according to the Utah Index of Consumer Sentiment (ICS). The index, which peaked at 89.1 in January of 1990, decreased to 87.9 in April and then dipped further to 86.1 in July 1990. On the national level, U.S. consumers' view of the economy increased between January and April 1990 from 93.0 to 93.9, and then decreased 5.7 points to the July index of 88.2.

Although the latest Utah index might seem low at 86.1, it is still higher than any reading between 1987 and 1989 (see Figure 1). The index continues to be almost 4 points higher than it was in July of 1989, and almost 8 points above the July 1987 reading.

The Utah Index of Consumer Sentiment is based on a survey conducted by the University of Utah's Survey Research Bureau, on behalf of the Utah Office of Planning and Budget and the Utah State Tax Commission. The U.S. Index of Consumer Sentiment is conducted nationally by the University of Michigan.

**Figure 1**  
**Utah and U.S. Consumer Sentiment Index**



**Table 5**  
**Utah and the United States**  
**Actual and Estimated Economic Indicators**  
**September 1990**

U.S. AND UTAH INDICATORS	UNITS	1988 Actual	1989 Actual	1990 Estimate	1991 Forecast	% CHG 88-89	% CHG 89-90	% CHG 90-91
<b>PRODUCTION AND SPENDING</b>								
U.S. Gross National Product	Billion Dollars	4,873.7	5,200.8	5,473.3	5,755.5	6.7	5.2	5.2
U.S. Real Gross National Product	Billion 1982\$	4,016.8	4,117.7	4,161.3	4,193.8	2.5	1.1	0.8
U.S. Real Personal Consumption	Billion 1982\$	2,606.5	2,656.8	2,685.5	2,726.2	1.9	1.1	1.5
U.S. Real Bus. Fixed Investment	Billion 1982\$	487.2	506.1	505.8	504.1	3.9	(0.1)	(0.3)
U.S. Real Defense Spending	Billion 1982\$	260.6	256.3	258.5	248.4	(1.7)	0.9	(3.9)
U.S. Real Exports	Billion 1982\$	534.7	593.3	624.9	634.4	11.0	5.3	1.5
U.S. Industrial Production	1987=100	105.4	108.1	109.3	109.9	2.6	1.1	0.5
Utah Coal Production	Million Tons	18.2	20.5	21.6	21.8	12.6	5.3	1.0
Utah Oil Production	Million Barrels	33.0	28.4	26.8	26.3	(13.9)	(5.6)	(1.9)
Utah Copper Production	Million Pounds	502.0	550.0	520.0	540.0	9.6	(5.5)	3.8
<b>SALES AND CONSTRUCTION</b>								
U.S. New Auto and Truck Sales	Millions	15.5	14.6	14.2	14.5	(5.8)	(2.7)	2.1
U.S. Housing Starts	Millions	1.49	1.39	1.22	1.16	(6.7)	(12.2)	(4.9)
U.S. Residential Construction	Billion Dollars	232.5	231.0	224.6	214.3	(0.6)	(2.8)	(4.6)
U.S. Nonresidential Structures	Billion Dollars	139.9	146.2	149.1	152.1	4.5	2.0	2.0
Utah New Auto and Truck Sales	Thousands	60.7	60.7	59.0	60.3	0.0	(2.7)	2.1
Utah Dwelling Unit Permits	Thousands	5.7	5.6	7.0	6.9	(1.8)	25.0	(1.4)
Utah Residential Permit Value	Million Dollars	413.0	447.8	580.0	605.0	8.4	29.5	4.3
Utah Nonresidential Permit Value	Million Dollars	272.1	389.6	432.0	390.0	43.2	10.9	(9.7)
Utah Retail Sales	Million Dollars	7,346	8,048	8,587	9,108	9.6	6.7	6.1
<b>DEMOGRAPHICS AND SENTIMENT</b>								
U.S. Population	Millions	246.4	248.8	251.4	254.0	1.0	1.0	1.0
U.S. Consumer Sentiment of U.S.	1966=100	93.7	92.8	86.7	88.0	(1.0)	(6.6)	1.5
Utah Population	Thousands	1,675.0	1,695.0	1,716.8	1,739.0	1.2	1.3	1.3
Utah Migration	Thousands	(11.8)	(6.8)	(4.9)	(0.3)	na	na	na
Utah Consumer Sentiment of Utah	1966=100	80.0	82.1	86.7	88.0	2.6	5.7	1.5
<b>PROFITS AND PRICES</b>								
U.S. Corp. Profits Before Tax	Billion Dollars	316.7	307.7	297.7	303.4	(2.8)	(3.2)	1.9
U.S. Oil Ref. Acquis. Cost	\$ Per Barrel	14.7	18.0	22.1	24.4	21.9	23.3	10.1
U.S. Coal Price Index	1982=100	95.4	95.5	97.9	100.6	0.1	2.5	2.8
U.S. Ave. Copper Cathode Price	\$ Per Pound	1.21	1.31	1.22	1.17	8.7	(6.7)	(4.0)
U.S. No. 1 Heavy Melting Scrap	\$ Per Long Ton	109.0	107.3	109.1	104.7	(1.5)	1.7	(4.0)
Utah Oil Prices	\$ Per Barrel	14.2	18.6	22.5	24.8	31.0	21.0	10.1
Utah Coal Prices	\$ Per Short Ton	22.9	22.0	23.2	23.9	(3.9)	5.5	2.8
<b>INFLATION, MONEY AND INTEREST</b>								
U.S. CPI Urban Consumers	1982-84=100	118.4	124.0	130.7	137.3	4.7	5.4	5.0
U.S. GNP Implicit Deflator	1982=100	121.3	126.3	131.5	137.2	4.1	4.1	4.3
U.S. Money Supply (M2)	Billion Dollars	3,017.6	3,129.8	3,287.8	3,402.3	3.7	5.0	3.5
U.S. Real Money Supply (M2)	Billion 1982\$	2,487.7	2,478.1	2,500.2	2,479.8	(0.4)	0.9	(0.8)
U.S. Federal Funds Rate	Percent	7.57	9.22	8.10	7.98	21.8	(12.1)	(1.5)
U.S. Bank Prime Rate	Percent	9.32	10.87	10.01	10.13	16.6	(7.9)	1.2
U.S. Prime Less GNP Inflation	Percent	6.02	6.77	5.91	5.83	12.5	(12.7)	(1.4)
U.S. 3-Month Treasury Bills	Percent	6.67	8.11	7.57	7.69	21.6	(6.7)	1.6
U.S. T-Bond Rate, 30-Year	Percent	8.96	8.45	8.84	9.03	(5.7)	4.6	2.1
U.S. Mortgage Rates, Effective	Percent	9.29	10.12	10.35	10.45	8.9	2.3	1.0
<b>EMPLOYMENT, WAGES AND INCOME</b>								
U.S. Nonagricultural Employment	Millions	105.58	108.58	110.55	111.17	2.8	1.8	0.6
U.S. Average Nonagriculture Wage	Dollars	23,026	23,699	24,535	25,619	2.9	3.5	4.4
U.S. Total Nonagriculture Wages	Billion Dollars	2,431.1	2,573.2	2,712.3	2,848.1	5.8	5.4	5.0
U.S. Personal Income	Billion Dollars	4,070.8	4,384.3	4,656.3	4,917.7	7.7	6.2	5.6
Utah Nonagricultural Employment	Thousands	660.1	691.3	721.9	743.2	4.7	4.5	3.0
Utah Average Nonagriculture Wage	Dollars	18,590	19,019	19,525	20,198	2.4	2.7	3.5
Utah Total Nonagriculture Wages	Million Dollars	12,271	13,148	14,095	15,011	7.1	7.2	6.5
Utah Personal Income	Million Dollars	20,598	22,218	23,890	25,515	7.9	7.5	6.8

Source: Utah Office of Planning and Budget and Utah State Tax Commission

**Table 6**  
**Revenue Comparisons for FY89-91**  
**Modified Accrual Basis**  
**(Thousands of Dollars)**

	FY89 ACTUAL	FY90 ACTUAL	CHANGE	% CHG	SEPT90 FY91 FORECAST	CHANGE	% CHG
<b>GENERAL FUND</b>							
SALES TAX (Net of Olympics)	666,943	708,234	41,291	6.19	730,000	21,766	3.07
LIQUOR PROFITS	15,984	16,602	618	3.87	16,300	-302	-1.82
INSURANCE PREMIUMS	26,406	30,020	3,614	13.69	31,800	1,780	5.93
BEER, CIG., AND TOBACCO	30,730	30,178	-552	-1.80	29,700	-478	-1.58
OIL SEVERANCE TAX	23,198	24,707	1,509	6.50	25,000	293	1.19
METAL SEVERANCE TAX	4,936	5,389	453	9.18	6,400	1,011	18.76
INHERITANCE TAX	9,766	7,593	-2,173	-22.25	6,000	-1,593	-20.98
INVESTMENT INCOME	19,236	17,893	-1,343	-6.98	16,000	-1,893	-10.58
OTHER	27,437	32,594	5,157	18.80	33,000	406	1.25
CIRCUIT BREAKER	-1,396	-3,363	-1,967	140.90	-3,400	-37	1.10
<b>SUBTOTAL</b>	<b>823,240</b>	<b>869,847</b>	<b>46,607</b>	<b>5.66</b>	<b>890,800</b>	<b>20,953</b>	<b>2.41</b>
<b>UNIFORM SCHOOL FUND</b>							
ADJSTD INC. TAX COLLECTIONS	615,156	682,366	67,210	10.93	737,400	55,034	8.07
INCOME TAX ACCRUALS	33,758	0	-33,758	NA	0	0	NA
SEPT89 INCOME TAX CUT	0	-35,200	-35,200	NA	-37,400	-2,200	NA
SEPT89 INC TAX CUT ACCRUAL	-12,400	12,400	24,800	NA	0	-12,400	NA
<b>SUBTOTAL INCOME TAX</b>	<b>636,514</b>	<b>659,566</b>	<b>23,052</b>	<b>3.62</b>	<b>700,000</b>	<b>40,434</b>	<b>6.13</b>
CORPORATE FRANCHISE TAX	92,979	99,694	6,715	7.22	90,000	-9,694	-9.72
PERMANENT FUND INTEREST	3,110	4,533	1,423	45.76	5,000	467	10.30
GROSS RECEIPTS TAX	2,814	4,172	1,358	48.26	4,500	328	7.86
OTHER	13,749	11,189	-2,560	-18.62	13,000	1,811	16.19
<b>SUBTOTAL</b>	<b>749,166</b>	<b>779,154</b>	<b>29,988</b>	<b>4.00</b>	<b>812,500</b>	<b>33,346</b>	<b>4.28</b>
<b>TOTAL BOTH FUNDS</b>	<b>1,572,406</b>	<b>1,649,001</b>	<b>76,595</b>	<b>4.87</b>	<b>1,703,300</b>	<b>54,299</b>	<b>3.29</b>
<b>TRANSPORTATION FUND</b>							
MOTOR FUEL TAX	131,220	132,475	1,255	0.96	130,000	-2,475	-1.87
SPECIAL FUEL TAX	29,305	29,092	-213	-0.73	33,100	4,008	13.78
OTHER	36,891	38,685	1,794	4.86	39,900	1,215	3.14
<b>SUBTOTAL</b>	<b>197,416</b>	<b>200,252</b>	<b>2,836</b>	<b>1.44</b>	<b>203,000</b>	<b>2,748</b>	<b>1.37</b>
<b>TOTAL ALL FUNDS</b>	<b>1,769,822</b>	<b>1,849,253</b>	<b>79,431</b>	<b>4.49</b>	<b>1,906,300</b>	<b>57,047</b>	<b>3.08</b>
MINERAL LEASE PAYMENTS	50,800	34,941	-15,859	-31.22	38,000	3,059	8.75
<b>GRAND TOTAL</b>	<b>1,820,622</b>	<b>1,884,194</b>	<b>63,572</b>	<b>3.49</b>	<b>1,944,300</b>	<b>60,106</b>	<b>3.19</b>

- 1) Certain funds represent expenses incurred and revenues earned for a given year although such expenses and revenues were not actually paid or received in cash. For example, the FY89 income tax includes \$27.8 million from an overwithholding reserve AND \$5.958 million in undistributed rebate monies; whereas, FY88 income taxes were reduced by \$27.8 million for the reserve account and by \$77 million for income tax rebates.
- 2) The July 1988 special session reduced income taxes by 11.5%, retroactive to Jan. 1, 1988. Tax rates were cut by 5% and 1/3 of the federal deduction was restored. This amounted to \$35 and \$38MM respectively.  $11.5\% = ((35+38)/635.3)$ . A \$71MM rebate was also approved in the July88 session.
- 3) As a result of the September 1989 special session of the Legislature, FY90 income taxes were reduced a total of \$35.2 million or 5.7%  $= (35.2/615.156)$ . The components of this reduction include:
  - a) Income tax rates were cut across the board by 2%. The top rate was reduced from 7.35% to 7.2%. This will amount to a \$14 million reduction in FY90. However, since the cut was retroactive to January 1, 1989, the State will accrue an overwithholding liability of \$12.4 million for FY89.
  - b) FY90 income taxes were also reduced during the special session by \$21 million because the Legislature raised the deductibility of federal taxes, that could be claimed against state income taxes, from 33.3% to 50%.
  - c) FY90 income taxes were further reduced by \$3.5 million due to legislative action which increased the retirement exemption from \$6 thousand to \$7.5 thousand.
  - d) Income taxes were RAISED by \$3.3 million due to a legislative decision to start taxing state employee pensioners.
- 4) The general fund sales tax rate drops to 4.984375% from 5.09375% as of Jan. 1, 1990; or 2.15%. The overall rate drops to 5.0%, but 1/64ths of this goes to fund the winter olympics.

Source: Utah State Tax Commission and Utah Office of Planning and Budget



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The Demographic and Economic Analysis section (DEA) provides economic and demographic data and analysis for the governor's office, state agencies, local governments, and the general public. DEA is also the lead agency in Utah for the Bureau of the Census State Data Center Program. The Data Center Program helps data users access and understand the broad range of economic and demographic data available from the Bureau of the Census, other federal agencies, as well as state and local governments in Utah. The 22 affiliates listed below also help disseminate data. If you would like a free subscription to this quarterly newsletter, call (801) 538-1036.

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