

Public Education

Data Book



UTAH 2000

**Office of the Legislative Fiscal Analyst
February, 2000**

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Section I.
Teacher Compensation Survey &
Salary-Benefit Comparisons

**WESTERN STATES TEACHER COMPENSATION SURVEY
AVERAGE SALARY/BENEFIT COMPARISON
(SCHOOL YEAR 1998-1999)**

State	Average Total Salary*	Average Salary Difference	Average Yearly Benefits	Average Benefits Difference	Benefits as a % of Total Compensation	Average Salary Plus Benefits	Total Sal. + Ben. Difference
Utah	\$35,958		\$13,558		27.38	\$49,516	
Arizona	38,825	\$2,867	8,003	(\$5,555)	17.09	46,828	(\$2,688)
Colorado -1-	38,025	2,067	8,188	(5,370)	17.72	46,213	(3,303)
Idaho -2-	34,063	(1,895)	10,385	(3,173)	23.36	44,448	(5,068)
Montana	31,356	(4,602)	7,740	(5,818)	19.80	39,096	(10,420)
Nevada -3-	38,883	2,925	10,650	(2,908)	21.50	49,533	17
New Mexico	32,398	(3,560)	10,757	(2,801)	24.93	43,155	(6,361)
Wyoming	33,500	(2,458)	11,204	(2,354)	25.06	44,704	(4,812)
8 State Average	\$35,376	(\$582)	\$10,061	(\$3,497)	22.14	\$45,437	(\$4,079)

COMPARISON ADJUSTED BY COST OF LIVING INDEX

State	Average Total Salary*	Average Yearly Benefits	ACCRA* Cost of Living Index	Salary Adjusted By Index	Salary Difference From Utah	Benefits Adjusted By Index	Adjusted Salary Plus Benefits	Adj. Total Difference From Utah
Utah	\$35,958	\$13,558	103.3	\$34,809		\$13,125	\$47,934	
Arizona	38,825	8,003	105.3	36,857	\$2,048	7,597	44,454	(\$3,480)
Colorado -1-	38,025	8,188	104.7	36,335	1,526	7,824	44,160	(3,775)
Idaho -2-	34,063	10,385	99.1	34,372	(437)	10,479	44,852	(3,083)
Montana	31,356	7,740	101.9	30,771	(4,038)	7,596	38,367	(9,567)
Nevada -3-	38,883	10,650	108.0	35,989	1,180	9,857	45,847	(2,087)
New Mexico	32,398	10,757	100.6	32,208	(2,601)	10,694	42,902	(5,032)
Wyoming	33,500	11,204	97.3	34,440	(369)	11,518	45,959	(1,976)
8 State Average	\$35,376	\$10,061	102.5	\$34,505	(\$304)	\$9,813	\$44,318	(\$3,616)

Notes:

* Average total salary includes teacher incentive plans, such as: Merit Pay, and Career Ladders.

** 1998, ACCRA: Cost of Living Index.

1- Benefits in Colorado are not paid at the state level. The Colorado Department of Education states that benefits increase at roughly the same percentage rate as teacher salary. This figure was used for this survey.

2- Benefits were calculated as 30.49% of total average salary. Based on a formula provided by the Idaho Dept. of Education.

3- Average Yearly Benefits in Nevada excludes FICA.

Sources:

Office of the Legislative Fiscal Analyst.

State Departments of Education, and American Federation of Teachers: 1996 Cost of Living Index.

National Education Association: Average Salaries of Public School Teachers.

Prepared by: Office of the Legislative Fiscal Analyst, February 2000.

WESTERN STATES TEACHER COMPENSATION SURVEY
Public School Teachers Salary and Benefit Comparison
Indexed by Per Capita Personal Income*, 1998

State	Average Total Salary [^]	Average Yearly Benefits	Per Capita Income*	Salary Indexed	Benefits Indexed	Salary and Benefits Indexed	Rank With Mountain States
Utah	\$35,958	\$13,558	\$21,096	170.4	64.3	234.7	1
Arizona	38,825	8,003	23,152	167.7	34.6	202.3	4
Colorado -1-	38,025	8,188	28,821	131.9	28.4	160.3	8
Idaho -2-	34,063	10,385	21,080	161.6	49.3	210.9	3
Montana	31,356	7,740	20,247	154.9	38.2	193.1	6
Nevada -3-	38,883	10,650	27,360	142.1	38.9	181.0	7
New Mexico	32,398	10,757	20,008	161.9	53.8	215.7	2
Wyoming	33,500	11,204	23,225	144.2	48.2	192.5	5
8 State Average	\$35,376	\$10,061	\$23,124	153.0	43.5	196.5	

Public School Teachers Salary and Benefit Comparison
Indexed by Average Annual Pay, 1998**

State	Average Total Salary [^]	Average Yearly Benefits	Average Annual Pay**	Salary Indexed	Benefits Indexed	Salary and Benefits Indexed	Rank With Mountain States
Utah	\$35,958	\$13,558	\$26,869	133.8	50.5	184.3	1
Arizona	38,825	8,003	29,317	132.4	27.3	159.7	7
Colorado -1-	38,025	8,188	32,246	117.9	25.4	143.3	8
Idaho -2-	34,063	10,385	24,866	137.0	41.8	178.8	3
Montana	31,356	7,740	22,644	138.5	34.2	172.7	4
Nevada -3-	38,883	10,650	30,201	128.7	35.3	164.0	6
New Mexico	32,398	10,757	25,716	126.0	41.8	167.8	5
Wyoming	33,500	11,204	24,747	135.4	45.3	180.6	2
8 State Average	\$35,376	\$10,061	\$27,076	130.7	37.2	167.8	

Notes:

- [^] Average total salary includes teacher incentive plans, such as: Merit Pay, and Career Ladders.
* Per Capita Personal Income, 1998, Source: U.S. Department of Commerce, Bureau of Economic Analysis. (BEA)
** Average Annual Pay for all workers covered by unemployment insurance. Source: U.S. Department of Commerce, BEA.
1- Benefits in Colorado are not paid at the state level. The Colorado Department of Education states that benefits increase at roughly the same percentage rate as teacher salary. This figure was used for this survey.
2- Benefits were calculated as 30.49% of total average salary. Based on a formula provided by the Idaho Dept. of Education.
3- Average Yearly Benefits in Nevada excludes FICA.

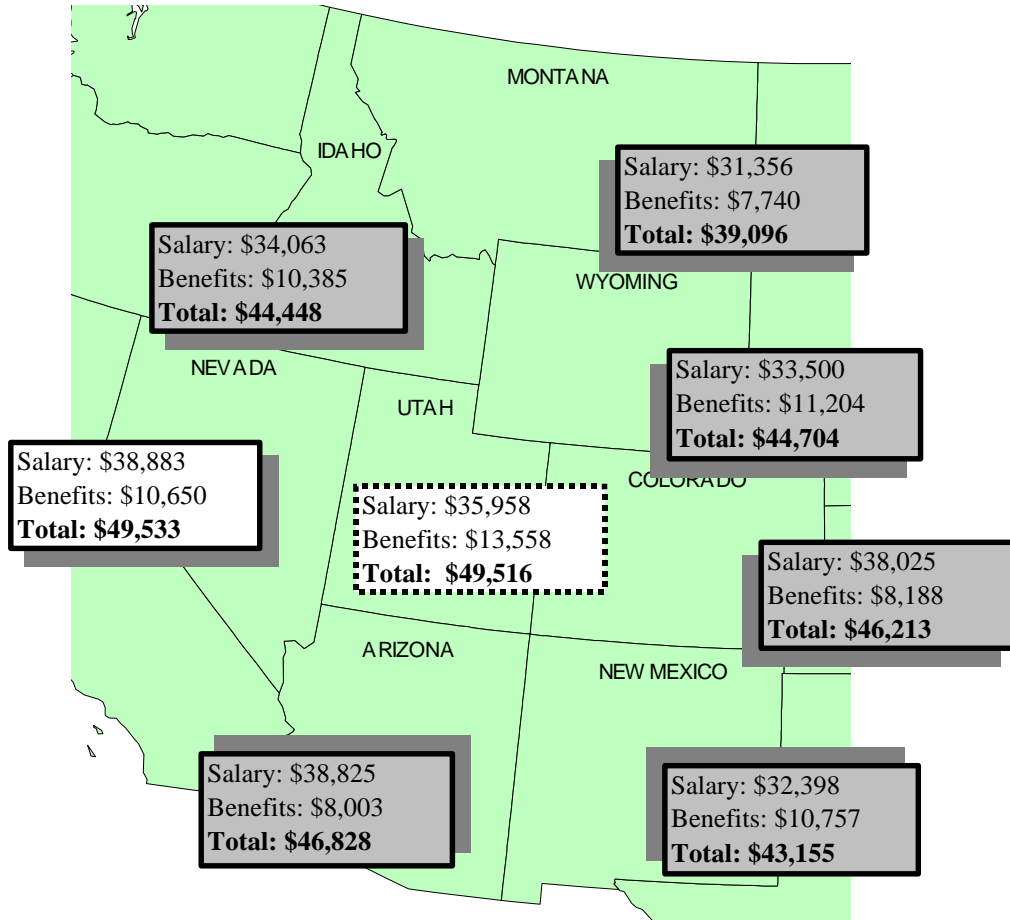
Sources:
Office of the Legislative Fiscal Analyst.
State Departments of Education
National Education Association: Average Salaries of Public School Teachers.

Prepared by: Office of the Legislative Fiscal Analyst, February 2000.

Mountain States'

Teacher Total Compensation Survey

1998-1999



Below Utah



Above Utah

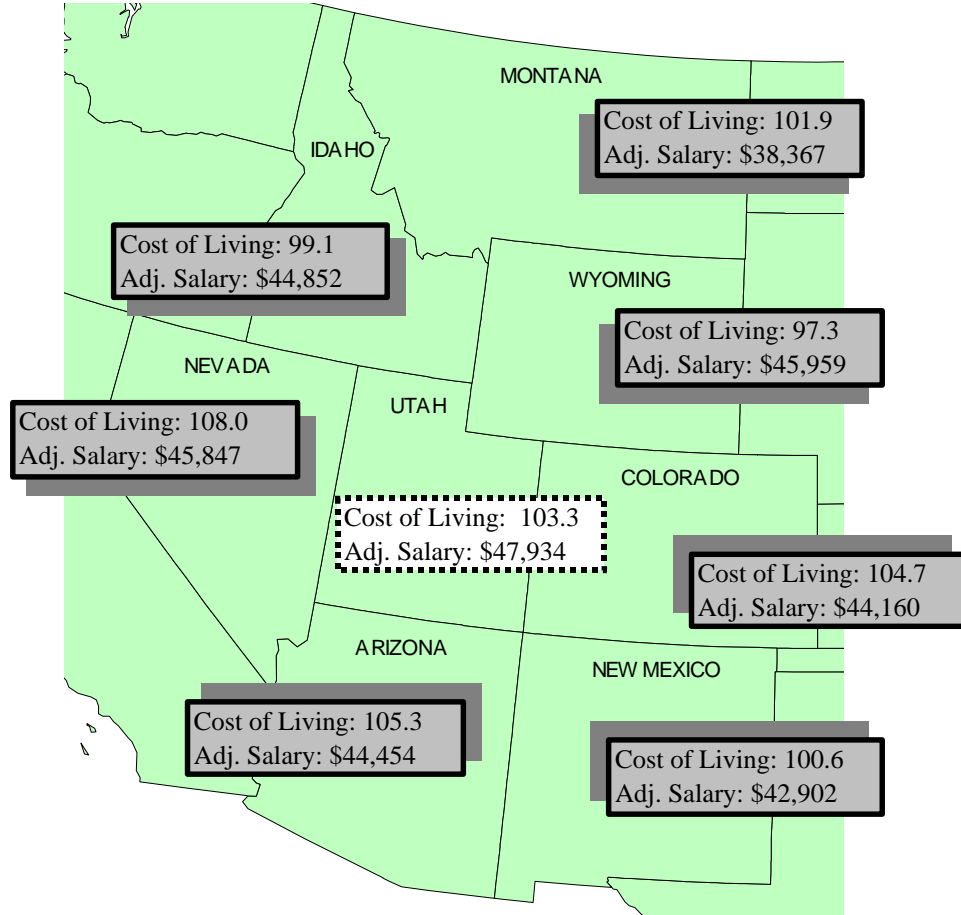
Mountain States'
Total Average:

Salary: \$35,376
Benefits: \$10,061
Total: \$45,437

Mountain States'

Teacher Total Compensation Survey

Adjusted by ACCRA Cost of Living Index: 1998



Below Utah



Above Utah

Mountain States'

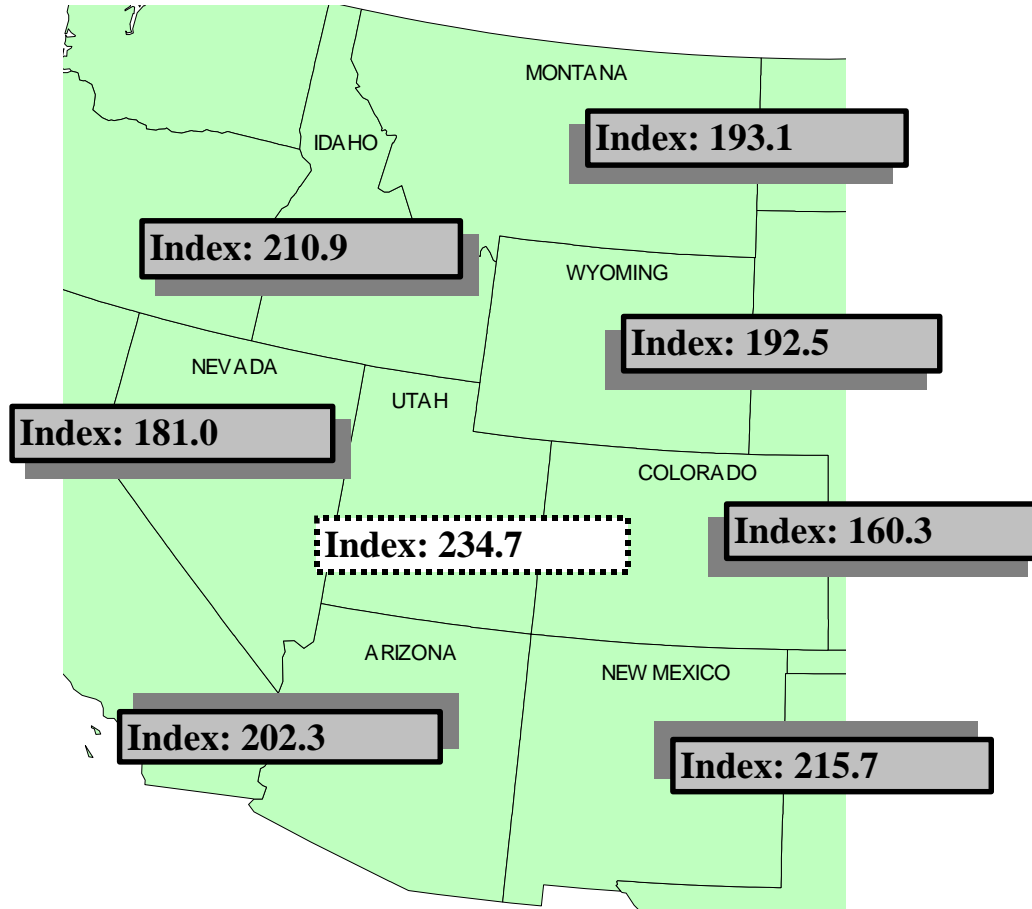
Cost of Living: 102.5

Total Average:

Adjusted Salary: \$44,318

Mountain States'

Teacher Total Compensation Survey
Indexed by Per Capita Personal Income
1998-1999



Below Utah



Above Utah

Mountain States'
Total Average:

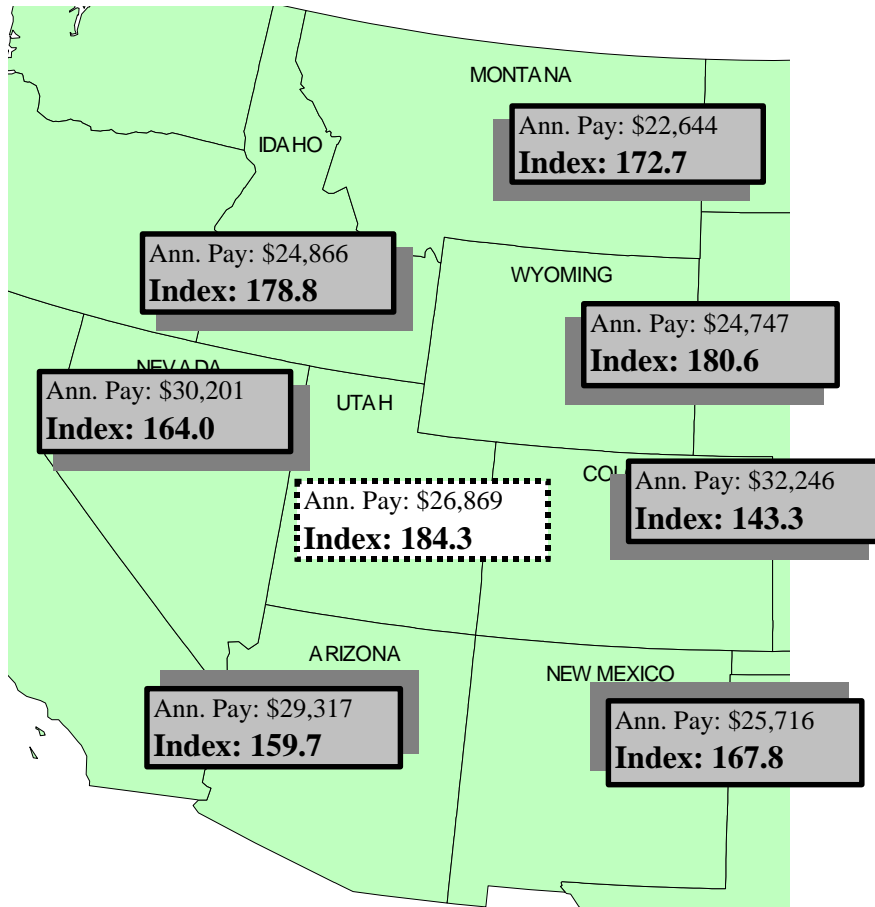
Per Capita Income: \$23,124
Index: 196.5

Mountain States'

Teacher Total Compensation Survey

Indexed by Average Annual Pay

1998-1999



Below Utah



Above Utah

Mountain States'

Annual Pay: \$27,076

Total Average:

Index: 167.8

PUBLIC EDUCATION
Average Teacher Salary Compared With U.S.
1979 Through 1998

School Year	Utah Average Teacher Salary	Annual Percent Salary Increase	Utah* Average Teacher Salary In Real \$	Annual Percent Salary Increase In Real \$	National Average Teacher Salary	National Average Teacher Salary In Real \$	Utah/Nation Difference	Utah/Nation Difference in Real Dollars
1979	\$13,907 *				\$15,032		\$1,125	
1980	14,909	7.21%	13,970	0.46%	15,970	\$14,965	1,061	\$994
1981	16,900	13.35%	17,416	16.82%	17,644	18,183	744	767
1982	18,106	7.14%	18,275	8.14%	19,274	19,454	1,168	1,179
1983	19,859	9.68%	21,146	16.79%	20,695	22,036	836	890
1984	20,007	0.75%	19,296	-2.84%	21,935	21,155	1,928	1,859
1985	22,062	10.27%	23,534	17.63%	23,600	25,174	1,538	1,641
1986	24,295	10.12%	26,292	19.18%	25,199	27,271	904	978
1987	24,874	2.38%	24,571	1.14%	26,569	26,246	1,695	1,674
1988	24,491	-1.54%	23,110	-7.09%	28,034	26,453	3,543	3,343
1989	24,814	1.32%	23,950	-2.21%	29,568	28,539	4,754	4,589
1990	25,580	3.09%	24,988	0.70%	31,367	30,641	5,787	5,653
1991	27,423	7.20%	28,247	10.43%	33,090	34,084	5,667	5,837
1992	28,072	2.37%	27,894	1.72%	34,084	33,868	6,012	5,974
1993	28,958	3.16%	29,003	3.32%	35,027	35,082	6,069	6,078
1994	29,408	1.55%	29,100	0.49%	35,756	35,382	6,348	6,282
1995	30,866	4.96%	31,532	7.22%	36,874	37,670	6,008	6,138
1996	32,498	5.29%	33,241	7.70%	37,594	38,454	5,096	5,213
1997	33,631	3.49%	34,013	4.66%	38,415	38,871	4,784	4,858
1998	34,889	3.74%	35,636	5.96%	39,347	40,189	4,458	4,553

Sources: U.S. Bureau of Labor Statistics and Governor's Office of Planning and Budget
National Center for Educational Statistics

American Federation of Teachers annual surveys of state department of Education

Utah State Board of Education: Finance and Statistics

*U.S. Consumer Price Index for all Urban Consumers (1982-1984 = 100): (Not Seasonally Adjusted)

Public Education

Average 1979 Teacher Salary Factored Against Inflation and Real Dollar Earnings 1979 - 1998

Year	Average Teacher Salary with career Ladder	Consumer Price Index	Annual Salary Gain (Loss) over Inflation	Inflation rate applied against 1979 Salary	Difference Actual vs. Infation rate	Utah Average Teacher Salary In Real \$
1979	\$13,907	13.50%				
1980	14,909	10.30%	(3.09)%	\$15,339	\$430	\$13,970
1981	16,900	6.20%	7.15%	16,290	(610)	17,416
1982	18,106	3.20%	3.94%	16,812	(1,294)	18,275
1983	19,859	4.30%	5.38%	17,535	(2,324)	21,146
1984	20,007	3.60%	(2.85)%	18,166	(1,841)	19,296
1985	22,062	1.90%	8.37%	18,511	(3,551)	23,534
1986	24,295	3.60%	6.52%	19,177	(5,118)	26,292
1987	24,874	4.10%	(1.72)%	19,964	(4,910)	24,571
1988	24,491	4.80%	(6.34)%	20,922	(3,569)	23,110
1989	24,814	5.40%	(4.08)%	22,052	(2,762)	23,950
1990	25,580	4.20%	(1.11)%	22,978	(2,602)	24,988
1991	27,423	3.00%	4.20%	23,667	(3,756)	28,247
1992	28,072	3.00%	(0.63)%	24,377	(3,695)	27,894
1993	28,958	2.60%	0.56%	25,011	(3,947)	29,003
1994	29,408	2.80%	(1.25)%	25,711	(3,697)	29,100
1995	30,866	3.00%	1.96%	26,483	(4,383)	31,532
1996	32,498	2.30%	2.99%	27,092	(5,406)	33,241
1997	33,631	1.60%	1.89%	27,525	(6,106)	34,013
1998	34,889	1.70%	2.04%	27,993	(6,896)	35,636

Note: Average Teacher Salary has outpaced inflation by 22.1 % over twenty years. This is an average of approximately 1.2% per year. A Teachers average earnings today is \$6,896 more than inflation applied to the 1979 average salary and \$7,643 higher in real dollars.

Sources: U.S. Bureau of Labor Statistics and Governor's Office of Planing and Budget
National Center for Educational Statistice
American Federation of Teachers annual surveys of state department of Education
Utah State Board of Education: Finance and Statistics
U.S. Consumer Price Index for all Urban Consumers (1982-1984 = 100): (Not Seasonally Adjusted)

Public Education
Average Teacher Salary Comparisons
Western States
1995 - 1998

	Average Teacher Salary		Total Teacher Salaries (In Millions)		Total Education Spending (In Millions)		Percent of Education Expenditures Deployed for Teachers Salaries	
	1968	1998	1968	1998	1968	1998	1968	1998
Utah*	7,050	34,453	78	676	192	1,888	42.5%	36.1%
Arizona	7,500	34,071	121	1,497	278	3,934	43.7%	38.1%
Colorado	7,175	37,240	167	1,391	347	3,405	48.1%	40.9%
Idaho	6,200	32,834	47	466	100	1,493	47.5%	31.2%
Montana	6,650	30,617	54	311	130	983	41.8%	31.6%
Nevada	8,200	40,572	39	633	96	1,755	40.5%	36.1%
New Mexico	7,299	30,309	83	636	182	1,738	45.4%	36.6%
Wyoming	7,277	32,022	32	212	59	615	54.4%	34.5%
Western States Ave.	7,169	34,015	78	728	173	1,976	45.5%	35.6%
Alaska	9,658	48,275	30	378	73	1,119	40.7%	33.8%
California	9,450	44,858	1,626	11,068	4,045	32,653	40.2%	33.9%
Hawaii	8,100	36,598	54	388	126	1,019	42.8%	38.1%
Oregon	7,738	42,301	173	1,138	366	3,479	47.3%	32.7%
Washington	8,100	38,755	252	1,895	619	6,604	40.6%	28.7%
U.S. Average	7,630	39,347	14,087	106,626	32,977	281,729	42.7%	37.8%

Sources: National Center for Educational Statistic
American Federation of Teachers annual surveys of state department of Education
Utah State Board of Education: Finance and Statistics

Public Education
Average Teacher Salary Comparisons
Western States
1995 - 1998

	1995	1996	1997	1998
Utah*	30,866	32,498	33,631	34,889
Arizona	32,175	32,843	33,208	34,071
Colorado	34,571	35,364	36,271	37,240
Idaho	29,783	30,891	31,280	32,864
Montana	28,785	29,364	29,958	30,617
Nevada	34,836	39,535	40,841	40,572
New Mexico	28,865	29,285	29,715	30,309
Wyoming	31,285	31,571	31,716	32,022
Western States Ave.	31,396	32,669	33,328	34,073
Alaska	47,864	49,148	49,140	48,275
California	40,667	42,259	42,992	44,585
Hawaii	37,443	37,044	35,532	36,598
Oregon	38,871	39,706	41,093	42,301
Washington	36,160	37,853	37,812	38,755
U.S. Average	36,874	37,594	38,415	39,347

Average Teacher Salary Comparisons
Adjusted to Real Dollars
Western States
1995 - 1998

	1995	1996	1997	1998
Utah*	\$33,093	\$33,241	\$33,795	\$35,147
Arizona	31,628	32,540	32,581	33,934
Colorado	34,364	35,114	36,113	37,118
Idaho	31,124	31,113	30,735	33,542
Montana	28,576	29,074	29,665	30,372
Nevada	31,663	43,682	40,965	39,088
New Mexico	29,032	28,833	29,260	30,006
Wyoming	30,744	30,912	30,910	31,370
Western States Ave.	31,213	33,014	33,000	33,813
Alaska	46,486	48,992	47,658	45,977
California	39,559	42,646	42,448	44,899
Hawaii	37,295	35,538	33,016	36,598
Oregon	39,108	39,368	41,296	42,275
Washington	35,450	38,490	36,637	38,559
U.S. Average	37,753	37,249	37,679	39,501

* Includes Career Ladder average salary

Sources:

U.S. Bureau of Labor Statistics and Governor's Office of Planning and Budget

National Center for Educational Statistics

American Federation of Teachers annual surveys of state department of Education

Utah State Board of Education: Finance and Statistics

U.S. Consumer Price Index for all Urban Consumers (1982-1984 = 100): (Not Seasonally Adjusted)

**Average Teacher Salaries, Benefits and Career Ladders
1998-1999**

District	Contract Salaries			Total Salary and Benefits	Career Ladders			Total Salary and Career Ladders
	Average Teacher Salary	Total No. Teachers in Dist. In FTE's	Average Teacher Benefits		Average Salaries	Average FICA & Ret. Provided	Average Salaries and Benefits	
Alpine	32,515	1,913.405	12,637	45,152	1,949	453	2,402	47,554
Beaver	32,782	73.060	15,389	48,171	2,010	468	2,478	50,649
Box Elder	31,645	508.000	11,471	43,116	2,068	482	2,551	45,667
Cache	34,069	578.453	12,368	46,438	1,936	448	2,384	48,822
Carbon	31,861	219.403	12,709	44,570	1,964	455	2,419	46,989
Daggett	32,257	18.610	14,496	46,753	1,738	272	2,010	48,763
Davis	32,946	2,596.122	14,164	47,110	1,889	402	2,291	49,401
Duchesne	31,288	213.840	12,584	43,872	1,934	447	2,381	46,253
Emery	52	160.625	15,822	50,225	1,948	454	2,402	52,627
Garfield	30,848	69.450	15,972	46,820	2,078	491	2,569	49,389
Grand	29,782	88.700	6,942	36,724	1,664	386	2,050	38,774
Granite	35,717	3,189.162	12,666	48,383	1,866	435	2,301	50,684
Iron	32,246	309.536	12,680	44,926	1,760	407	2,167	47,093
Jordan	33,672	3,112.723	13,733	47,405	2,032	474	2,505	49,910
Juab	30,400	79.073	13,243	43,643	1,920	339	2,259	45,902
Kane	31,898	75.672	15,706	47,604	2,252	489	2,741	50,345
Logan	34,404	280.142	12,645	47,049	1,900	443	2,342	49,391
Millard	34,635	186.934	15,932	50,576	1,871	436	2,308	52,884
Morgan	32,314	102.940	13,676	45,990	1,852	442	2,295	48,285
Murray	33,772	305.347	12,910	46,682	2,063	498	2,562	49,244
Nebo	33,419	807.454	12,551	45,970	1,949	450	2,399	48,369
N. Sanpete	31,409	113.597	13,756	45,165	2,074	484	2,558	47,723
N. Summit	32,617	52.594	14,216	46,833	1,760	410	2,170	49,003
Ogden	34,586	634.609	12,517	47,103	1,665	385	2,050	49,153
Park City	40,821	207.599	16,738	57,559	1,463	338	1,801	59,360
Piute	34,672	25.510	14,792	49,464	2,041	476	2,516	51,980
Provo	33,358	654.622	12,065	45,423	2,296	523	2,819	48,242
Rich	34,809	35.139	15,662	50,471	1,908	445	2,352	52,823
Salt Lake	39,496	1,197.815	13,623	53,120	2,002	467	2,469	55,589
San Juan	33,934	201.793	14,783	48,717	1,703	226	1,929	50,646
Sevier	33,849	211.175	13,094	46,943	2,071	482	2,553	49,496
S. Sanpete	32,385	143.741	14,666	47,051	1,909	445	2,354	49,405
S. Summit	31,281	68.600	12,179	43,460	1,983	462	2,445	45,905
Tintic	33,843	24.689	8,981	42,824	2,577	601	3,178	46,002
Toole	31,244	379.218	13,425	44,669	2,064	478	2,542	47,211
Uintah	34,030	311.416	13,455	47,486	1,856	432	2,288	49,774
Wasatch	32,355	170.220	12,684	45,039	1,866	435	2,301	47,340
Washington	33,495	809.271	13,274	46,769	1,988	464	2,452	49,221
Wayne	30,111	36.980	7,744	37,855	1,755	409	2,164	40,019
Weber	34,225	1,237.529	11,444	45,669	2,173	339	2,512	48,181
State Avg.	34,007	21,404.768	13,120	47,127	1,951	438	2,390	49,516

Source: USOE, School Finance and Statistics Section.

1998-99 Average Contract Salaries for Certificated Personnel

District	Teachers										TOTAL	Principals			TOTAL
	Classroom				Special Education						TEACHERS' AVERAGE	Elementary	Md/Jr	Secondary	PRINCIPALS' AVERAGE
	Elementary	Md/Jr	Secondary	Average	Elementary	Md/Jr	Secondary	Ungraded	District	Average					
Alpine	\$ 32,289	\$ 33,983	\$ 32,558	\$ 32,429	\$ 33,166	\$ 31,178	\$ 32,568	\$ 38,001	\$ 33,470	\$ 33,188	\$ 32,515	\$ 56,140	\$ 55,803	\$ 56,544	\$ 56,188
Beaver	33,802		31,609	32,780	36,759		25,848			32,813	32,782	46,009	55,803	52,468	49,923
Box Elder	31,623	30,293	32,355	31,684	32,537	29,852	30,703		35,090	31,202	31,645	48,588	59,037	60,748	54,208
Cache	33,949	35,055	34,139	34,269	32,736	29,842	32,052		37,745	31,777	34,069	61,063	61,681	64,348	62,165
Carbon	32,129	33,116	31,571	31,957	31,642	27,078	33,885	32,932	30,211	31,264	31,861	45,269	45,946	39,884	43,948
Daggett	34,583		30,871	32,402	30,101					30,101	32,257	47,333		50,901	49,881
Davis	32,259	32,422	33,412	32,924	34,354	29,709	32,539	36,848	40,044	33,160	32,946	57,056	54,492	60,619	57,140
Duchesne	29,138	31,836	30,294	31,297	31,812	35,872	32,314	28,256		31,211	31,288	49,770	53,636	55,693	53,200
Emery	31,027	38,650	39,223	34,284	34,362	35,066	40,106			35,792	34,403	57,429	59,142	58,345	58,138
Garfield	31,027	34,293	30,463	31,116	24,655	25,327	33,173			25,701	30,848	51,498	46,258	55,388	53,007
Grand	30,940		28,917	29,959	26,064	30,407	30,407	26,814		28,152	29,782	56,174	56,174	53,415	54,519
Granite	35,954	28,359	36,560	36,176	29,854	31,791	33,323	38,156	36,763	31,490	35,717	56,988	58,715	61,940	58,583
Iron	33,043	30,263	32,790	32,284	33,196	29,195	32,688			31,853	32,246	56,406	58,339	65,623	59,665
Jordan	33,413	27,679	34,014	33,516	34,027	36,523	35,374	34,761	43,620	35,348	33,672	55,820	54,894	52,155	34,370
Juab	30,781	30,748	29,761	30,470	29,136	29,734	30,705			29,830	30,400	52,430	55,481	56,271	54,816
Kane	32,870	30,830	30,813	31,801	27,573	44,720	32,814			34,521	31,898	49,459	44,720	52,938	50,356
Logan	31,792	38,715	36,946	35,068	24,981	29,803	28,697			28,102	34,404	56,786	53,541	61,957	57,455
Millard	36,746	35,385	32,278	34,747	33,227	31,478	34,934			33,414	34,635	57,816	56,676	58,532	57,821
Morgan	32,457	32,409	32,063	32,305	31,529	36,290	29,648			32,432	32,314	54,085	55,913	58,546	56,727
Murray	33,478	32,517	34,228	33,792	31,870	35,880	35,160		31,914	33,539	33,772	59,781	57,052	60,678	59,292
Nebo	32,191	32,099	36,033	33,500	28,610	32,416	32,194		32,928	31,730	33,419	50,643	55,770	48,617	51,418
No. Sanpete	31,964		30,314	31,157	33,721	35,468	32,821			33,811	31,409	44,791		47,175	45,427
No. Summit	34,406	36,907	28,931	33,073	32,480	39,282	24,141			27,403	32,617	50,000	50,920	52,000	50,973
Ogden	34,428	31,696	36,439	34,367	36,497	34,857	33,545		39,328	36,110	34,586	59,733	62,535	63,213	61,236
Park City	38,745	36,929	48,710	41,291	34,271	35,782	35,889			35,631	40,821	59,893	59,848	56,984	58,571
Piute	36,622		33,593	34,462	37,706		35,396			37,001	34,672	47,936		47,936	47,936
Provo	32,219	27,760	34,156	32,910	35,233	33,883	37,565	36,811	38,205	35,947	33,358	61,694	56,951	62,157	61,068
Rich	35,297	32,433	34,895	34,546	39,932		39,932			39,932	34,809	55,000	52,311	45,009	49,335
Salt Lake	39,248	36,601	40,097	39,480	39,783	34,556	40,830	33,082	44,229	39,623	39,496	57,979	57,333	59,246	58,129
San Juan	35,170	36,650	32,616	34,129	33,588	28,660	31,030			32,062	33,934	53,369	59,091	49,030	51,443
Sevier	35,358	34,670	32,156	34,151	32,376	28,708	30,869		36,912	31,147	33,849	55,647	56,624	57,619	57,246
So. Sanpete	31,859	31,329	32,429	32,023	37,624	36,775	29,325		40,843	35,417	32,385	53,179	58,420	57,730	56,328
So. Summit	31,324	31,543	30,856	31,232	31,271	29,350	34,600			31,954	31,281	54,597	56,124	59,572	25,764
Tintic	33,665		34,379	34,057	32,831		30,492			31,568	33,843	66,279		40,677	46,965
Tooele	31,102	28,707	31,637	31,155	31,529	33,370	33,438			32,382	31,244	57,577	56,875	59,971	58,492
Uintah	36,390	31,986	32,292	34,046	35,259	31,222	36,821		21,936	33,921	34,030	53,245	55,319	55,665	54,498
Wasatch	32,152	34,179	31,917	32,544	28,021	36,065	29,908			30,531	32,355	64,480	58,262	64,593	62,736
Washington	32,945	30,262	34,968	33,875	32,156	31,092	31,357		30,484	31,505	33,495	61,570	60,867	62,704	61,658
Wayne	31,057	31,150	29,087	30,293	24,872	25,341	35,196		35,196	28,320	30,111	41,715		42,087	41,943
Weber	35,017	30,641	34,071	34,447	32,314	29,692	32,186	36,089		32,439	34,225	62,189	64,954	65,636	63,824
STATE:	\$ 33,916	\$ 32,670	\$ 34,494	\$ 34,070	\$ 33,338	\$ 32,316	\$ 33,314	\$ 35,576	\$ 37,350	\$ 33,424	\$ 34,007	\$ 56,640	\$ 57,330	\$ 57,837	\$ 57,161

Source: USOE, School Finance and Statistics Section.

1997-98 Average Contract Salaries for Certificated Personnel (continued)

District	Other Instructional Personnel							OTHER INSTRUCT. AVERAGE	TOTAL INSTRUCT. AVERAGE
	Librarian	Counselor	Psych.	Speech and Hearing	Social Worker	Adult Education	Other		
Alpine	\$ 39,460	\$ 34,693	\$ 40,270	\$ 35,187		\$ 40,029		\$ 36,277	\$ 33,615
Beaver	41,004	39,259						39,779	33,746
Box Elder	32,809	30,959	29,945	28,915			32,845	30,533	32,594
Cache	38,846	33,402	38,628	33,982				36,054	35,531
Carbon	33,272	35,284	51,376	61,367			33,844	39,004	33,063
Daggett	38,143							38,143	33,815
Davis	37,750	36,195	37,084	33,620	38,788		39,227	35,935	34,026
Duchesne	37,575	37,073	37,078	35,921	42,064			37,453	32,773
Emery	35,497	41,603		42,510				40,623	36,016
Garfield		34,601						34,601	31,729
Grand	37,876	40,944	23,787	43,055				38,657	31,576
Granite	39,824	42,393	43,216	36,625	39,972	50,829		40,646	36,972
Iron	36,939	37,515	75,310	32,013		48,398		39,108	33,600
Jordan	12,281	39,777	39,833	37,669	43,414	37,982		32,086	34,236
Juab		33,781	29,374	38,437				33,829	31,559
Kane	14,409	36,947				22,416		31,564	32,828
Logan	40,041	38,146	32,364	25,624				33,302	35,240
Millard	37,935	35,822	38,698	38,401				37,376	35,914
Morgan	31,525	36,539				55,920		36,514	33,271
Murray	43,086	38,845	37,326	39,082	37,048			39,441	35,206
Nebo	43,043	41,905	36,538	34,020		52,484		40,217	34,609
No. Sanpete	26,639	35,900		39,058				34,680	32,373
No. Summit	43,892	46,330		35,331		21,482		41,176	34,087
Ogden	36,823	40,026	45,417	39,476	48,729			39,415	36,192
Park City	38,366	36,676	43,362	41,677	35,220			38,202	41,328
Piute	23,040	25,021						24,174	34,713
Provo	39,907	38,898	42,545	41,028	32,877	41,875		40,226	37,944
Rich		41,461		41,462				41,461	35,894
Salt Lake	44,605	42,551	50,769	39,210	42,157	39,128	38,407	42,613	40,527
San Juan	37,571	43,989			38,329	43,262		39,980	35,301
Sevier		38,791		35,028				37,295	34,764
So. Sanpete		27,144	38,089	26,292		33,930		29,592	33,149
So. Summit	37,225	43,832		26,839				39,112	32,955
Tintic	40,676	24,515						28,616	34,134
Tooele	37,710	35,232		34,677	41,895	42,145		36,188	32,547
Uintah	42,227	31,859	40,581	38,022				35,134	35,043
Wasatch	39,207	34,221		27,763	28,799			33,107	33,528
Washington	39,324	39,760	43,295	37,090		33,212	36,771	39,016	34,999
Wayne		26,945						26,945	30,852
Weber	38,501	37,198	43,282	35,296	36,914	30,751		36,802	35,654
STATE:	\$ 33,254	\$ 38,576	\$ 40,654	\$ 35,952	\$ 40,136	\$ 40,353	\$ 37,472	\$ 37,240	\$ 35,157

Source: USOE, School Finance and Statistics Section.

Public Education

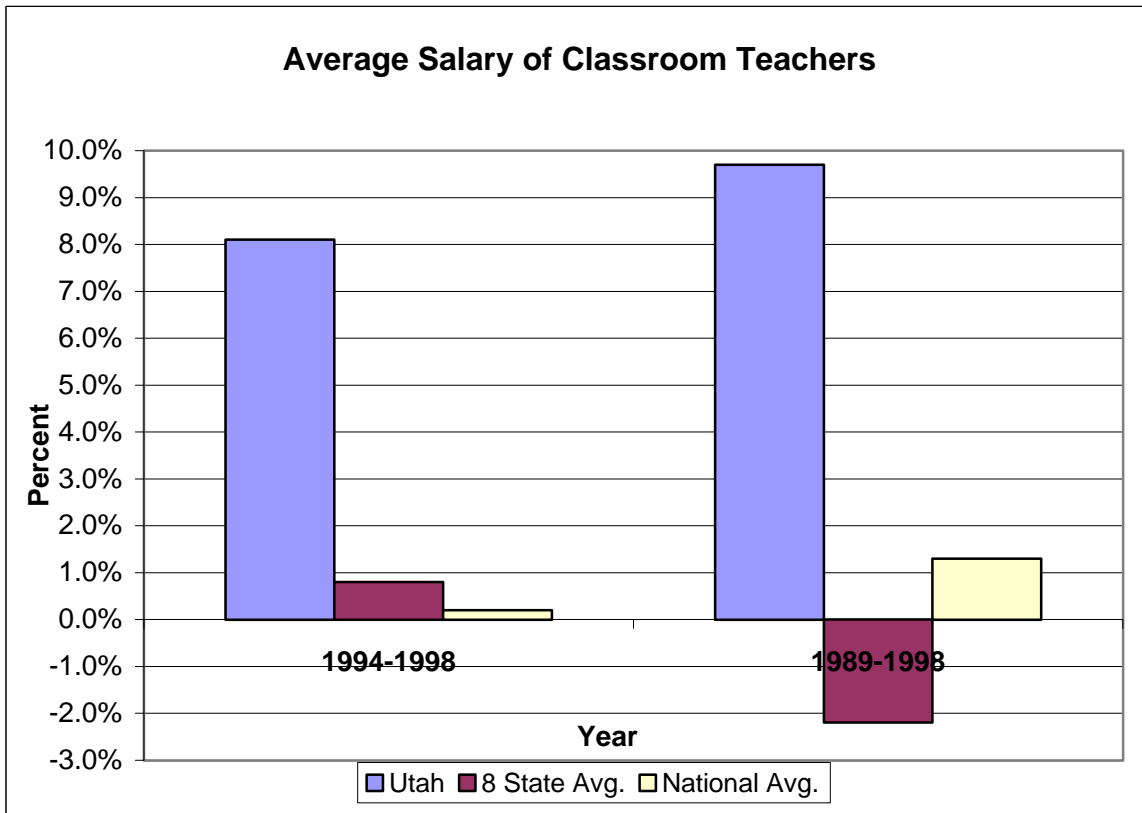
Percent Change in Average Salary of Classroom Teachers
Adjusted to Constant 1998 Dollars

1994-1998

State	Percent Change	National Rank
Utah	8.1%	2
Arizona	7.4%	40
Colorado	-1.6%	30
Idaho	-0.4%	3
Montana	-1.3%	37
Nevada	-0.7%	32
New Mexico	0.8%	21
Wyoming	-5.9%	49
8 State Avg.	0.8%	
National Avg.	0.2%	

1989-1998

State	Percent Change	National Rank
Utah	9.7%	4
Arizona	-8.1%	49
Colorado	-4.6%	43
Idaho	9.7%	4
Montana	-4.6%	43
Nevada	-2.2%	36
New Mexico	-5.6%	46
Wyoming	-11.8%	50
8 State Avg.	-2.2%	
National Avg.	1.3%	

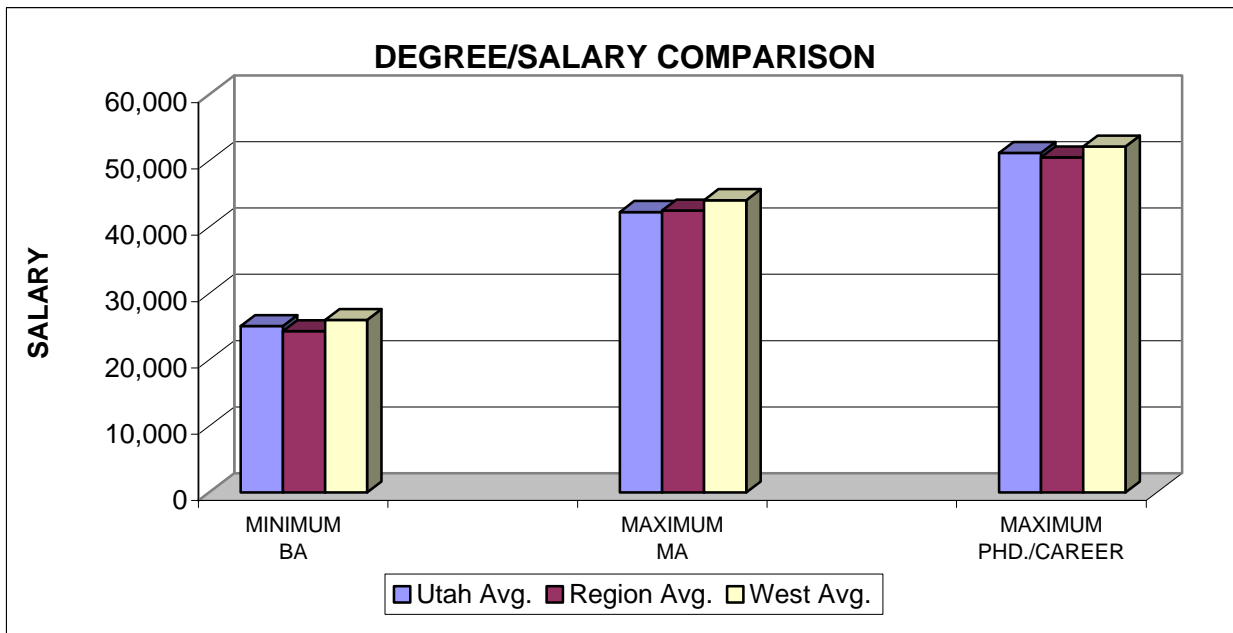


Source: State Statistical Trends: Education Finance. Morgan Quinto Corporation.
September 1999, Volume II, Number 3.

PUBLIC EDUCATION

Comparison of Salary by Degree Earned
1998-99

STATE	CITY	BA MINIMUM	MA MAXIMUM	PHD./CAREER MAXIMUM
UTAH	SALT LAKE CITY	26,665	40,344	52,057
	(S.L.C.) GRANITE	23,456	44,206	50,295
ARIZONA	PHOENIX	25,086	44,143	47,554
	MESA	26,520	40,800	52,020
COLORADO	DENVER	24,222	44,614	54,236
	AURORA	24,949	46,857	53,318
IDAHO	BOISE	21,009	44,988	53,091
NEVADA	LAS VEGAS	24,556	40,116	49,632
NEW MEXICO	ALBUQUERQUE	22,440	36,510	42,351
<hr/>				
ALASKA	ANCHORAGE	30,079	48,264	60,755
	JUNEAU	33,071	54,566	60,842
CALIFORNIA	LOS ANGELES	31,304	43,411	54,988
	SAN FRANCISCO	28,863	42,336	45,750
HAWAII	HONOLULU	27,623	45,412	54,147
OREGON	PORTLAND	25,771	47,465	55,223
	SALEM	26,383	49,037	52,979
WASHINGTON	SEATTLE	23,017	36,957	49,073
	TACOMA	23,286	43,079	50,065
<hr/>				
Utah Avg.		25,061	42,275	51,176
Region Avg.		24,323	42,509	50,506
West Avg.		26,017	44,061	52,132



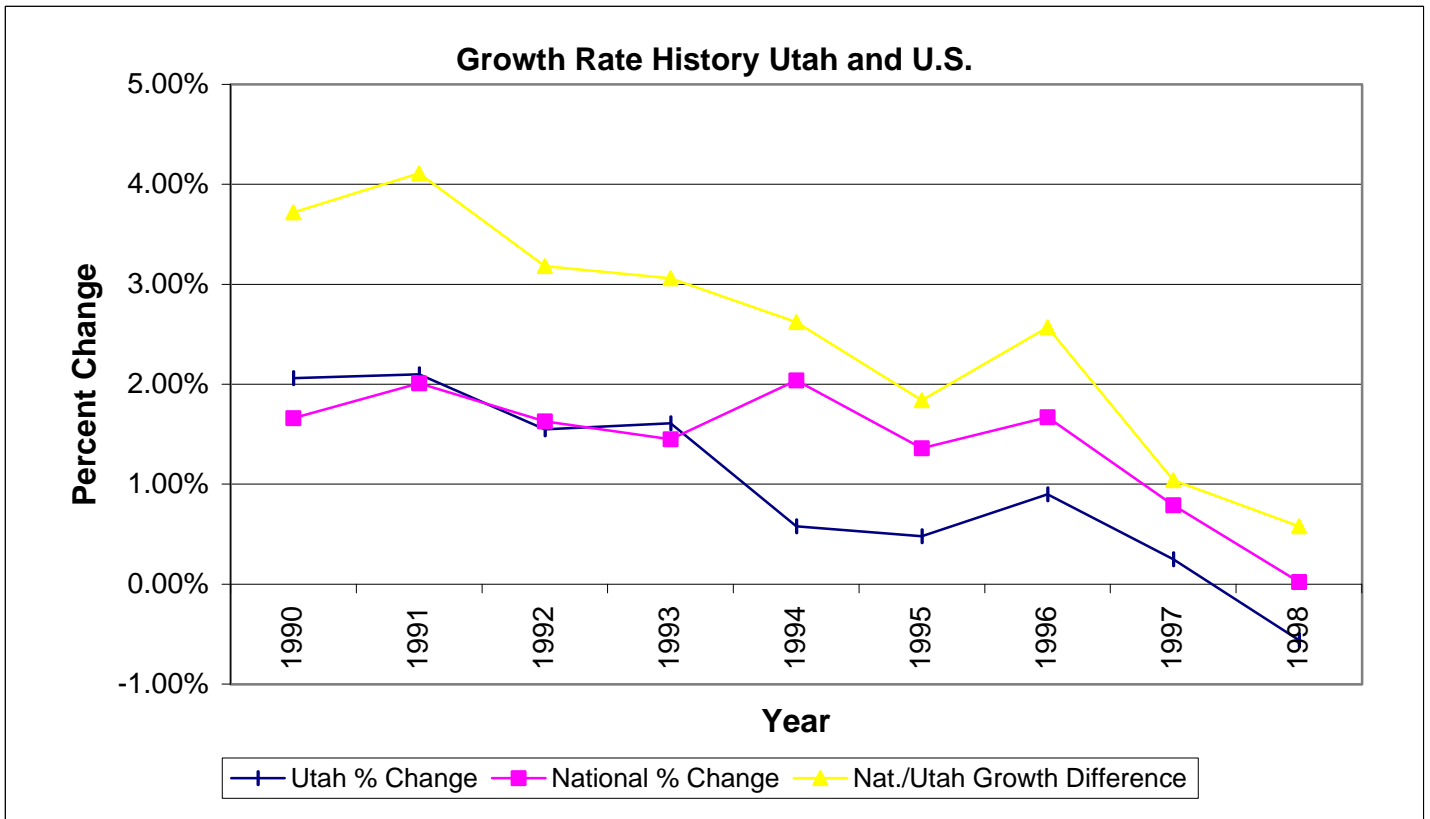
Source: American Federation of Teachers
USOE, Finance and Statistics Section

Section II.
Enrollment, Pupil Teacher Ratios
& Class Size Data

Fall Enrollment and Growth Rate Comparison

History Chart 1990-1998
in thousands

Fiscal Year	Utah Fall Enrollment	Utah % Change	National Fall Enrollment	National % Change	Nat./Utah Growth Difference
1990	444.7	2.06%	41,217	1.66%	3.72%
1991	454.2	2.10%	42,047	2.01%	4.11%
1992	461.3	1.55%	42,734	1.63%	3.18%
1993	468.7	1.61%	43,353	1.45%	3.06%
1994	471.4	0.58%	44,237	2.04%	2.62%
1995	473.7	0.48%	44,840	1.36%	1.84%
1996	478.0	0.90%	45,592	1.67%	2.57%
1997	479.2	0.25%	45,953	0.79%	1.04%
1998	477.1	-0.56%	45,963	0.02%	0.58%

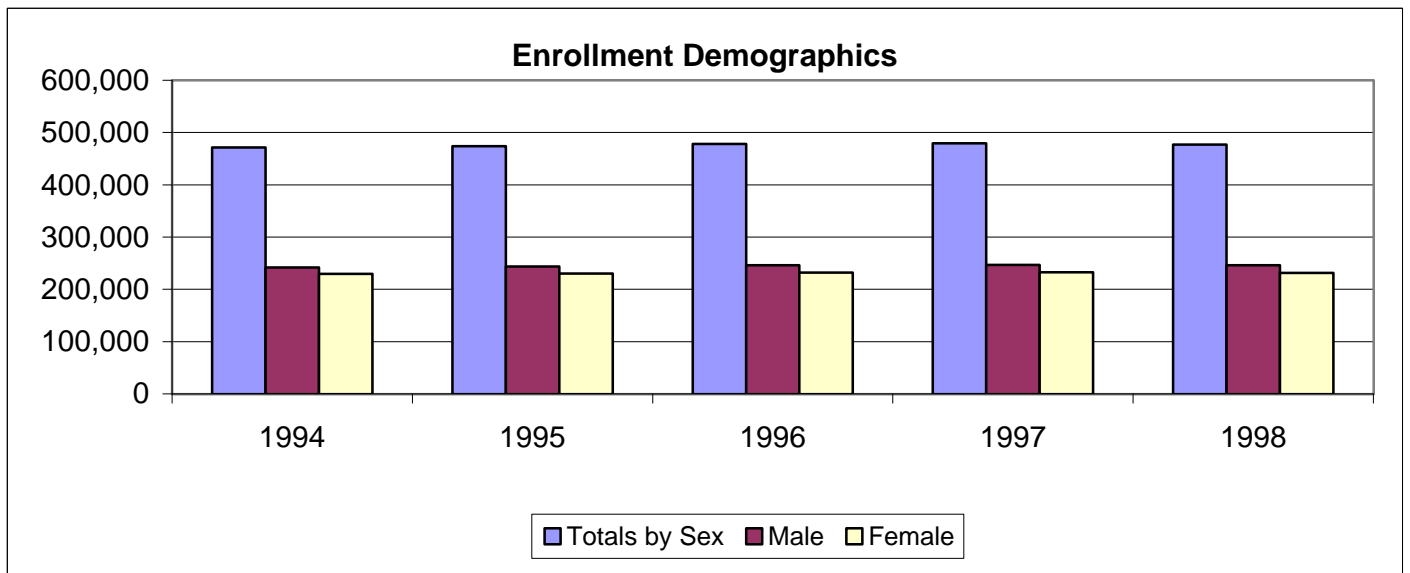
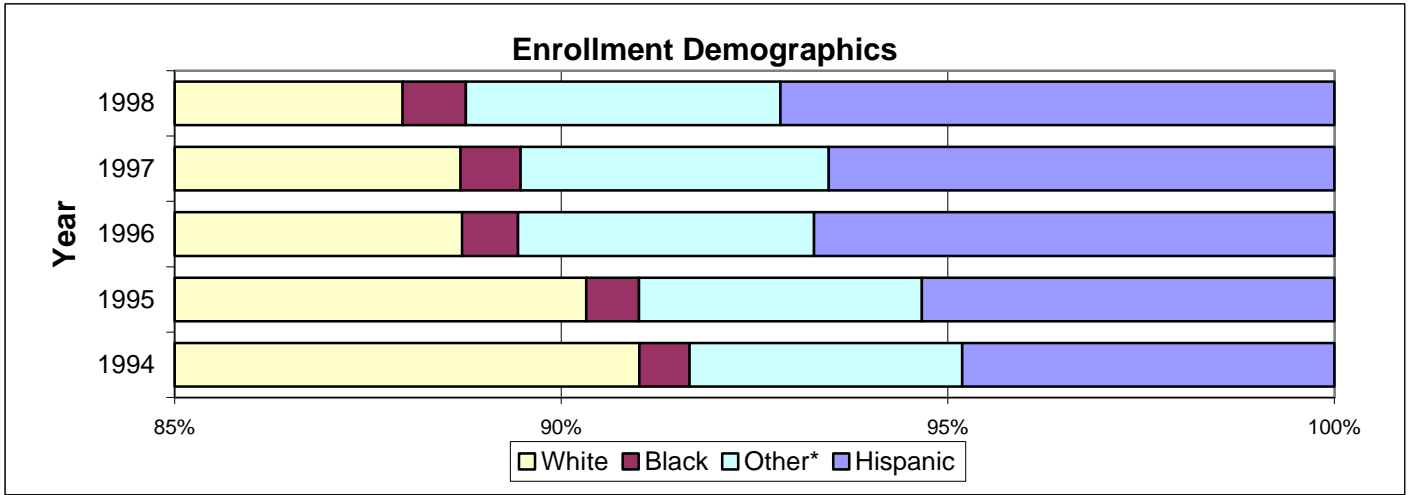


Sources: USOE, School Finance and Statistics Section.
U.S. Department of Education, NCES, Common Core of Data.

Utah Public Schools Enrollment Demographics
Fiscal Years 1994-1998

Year	Hispanic		Not of Hispanic Origin				Other*		Totals by Sex	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1994	11,787	10,906	1,610	1,457	220,328	208,669	8,388	8,227	242,113	229,289
1995	13,076	12,044	1,666	1,547	220,088	205,023	8,738	8,484	243,568	230,098
1996	18,833	13,614	1,814	1,679	219,810	207,829	9,466	8,983	245,923	232,105
1997	16,375	14,951	1,958	1,772	218,558	206,430	9,742	9,355	246,633	232,518
1998	17,961	16,225	2,045	1,863	216,011	203,550	9,910	9,496	245,927	231,134
Totals:	1994	22,693	1994	3,067	1994	428,997	1994	16,615	1994	471,402
	1995	25,120	1995	3,213	1995	425,111	1995	17,222	1995	473,666
	1996	32,447	1996	3,493	1996	427,639	1996	18,449	1996	478,028
	1997	31,326	1997	3,730	1997	424,988	1997	19,097	1997	479,151
	1998	34,186	1998	3,908	1998	419,561	1998	19,406	1998	477,061

* Includes: American Indian, Alaskan Native, Asian, and Pacific Islander.



Source: USOE, School Finance and Statistics Section

Fall Enrollment History: 1994-1998

Utah School Districts

With Average Rate of Change

District	October 1 Enrollment Totals					Avg. Ann.Rate	Rank
	1994	1995	1996	1997	1998		
Alpine	42,014	42,763	43,719	44,694	45,208	1.8%	9
Beaver	1,426	1,480	1,516	1,487	1,456	0.5%	13
Box Elder	11,304	11,247	11,305	11,252	11,215	-0.2%	24
Cache	13,005	13,056	13,203	13,248	13,225	0.4%	15
Carbon	5,160	5,069	4,943	4,771	4,639	-2.6%	38
Daggett	212	209	215	187	183	-3.6%	40
Davis	58,122	58,782	58,835	58,813	58,767	0.3%	16
Duchesne	4,648	4,557	4,543	4,467	4,324	-1.8%	35
Emery	3,347	3,364	3,313	3,228	3,101	-1.9%	36
Garfield	1,129	1,167	1,144	1,179	1,112	-0.4%	27
Grand	1,625	1,580	1,605	1,620	1,626	0.0%	18
Granite	78,077	76,559	75,887	74,393	72,848	-1.7%	34
Iron	6,148	6,238	6,543	6,870	6,948	3.1%	3
Jordan	70,760	71,701	72,747	73,180	73,285	0.9%	11
Juab	1,735	1,764	1,781	1,807	1,796	0.9%	12
Kane	1,479	1,491	1,429	1,495	1,444	-0.6%	28
Logan	5,846	5,823	5,830	5,933	5,840	0.0%	19
Millard	3,861	3,816	3,803	3,742	3,606	-1.7%	33
Morgan	2,042	2,032	2,056	2,059	2,047	0.1%	17
Murray	6,829	6,841	6,881	6,940	6,788	-0.2%	22
Nebo	18,330	18,736	19,256	19,560	19,959	2.2%	7
N. Sanpete	2,398	2,451	2,520	2,558	2,554	1.6%	10
N. Summit	992	1,002	978	966	987	-0.1%	21
Ogden	12,788	12,791	12,834	12,797	12,740	-0.1%	20
Park City	2,973	3,163	3,354	3,603	3,800	6.3%	1
Piute	385	368	369	380	372	-0.9%	29
Provo	13,616	13,487	13,544	13,674	13,486	-0.2%	26
Rich	574	535	547	508	506	-3.1%	39
Salt Lake	25,408	25,294	25,397	25,614	25,207	-0.2%	25
San Juan	3,452	3,381	3,481	3,459	3,430	-0.2%	23
Sevier	4,949	4,886	4,971	4,799	4,733	-1.1%	31
S. Sanpete	3,003	2,963	2,978	2,961	2,878	-1.1%	30
S. Summit	1,173	1,201	1,270	1,265	1,265	1.9%	8
Tintic	269	315	325	316	339	6.0%	2
Toole	7,488	7,495	7,716	8,019	8,169	2.2%	5
Uintah	6,831	6,699	6,644	6,445	6,472	-1.3%	32
Wasatch	3,288	3,389	3,478	3,492	3,581	2.2%	6
Washington	16,550	17,418	18,078	18,408	18,513	2.8%	4
Wayne	602	602	605	561	554	-2.1%	37
Weber	27,564	27,951	28,385	28,401	28,058	0.4%	14
State:	471,402	473,666	478,028	479,151	477,061	0.3%	

Source: USOE, Finance and Statistics Section

Fall Enrollment by District and Grade

1998-1999

District	Kinder- garten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Twelfth	Spec. Ed.	TOTAL
Alpine	3,438	3,630	3,464	3,458	3,331	3,384	3,135	3,277	3,091	3,277	3,580	3,655	3,367	1,121	45,208
Beaver	120	118	111	108	98	98	96	100	115	108	123	124	128	9	1,456
Box Elder	825	763	837	834	739	819	896	864	878	969	883	896	845	167	11,215
Cache	888	943	935	988	1,000	978	951	972	1,079	1,012	1,097	1,101	1,100	181	13,225
Carbon	280	282	346	328	299	337	344	378	328	372	440	422	382	101	4,639
Daggett	17	9	12	11	13	12	11	18	8	17	17	19	19		183
Davis	4,064	4,427	4,263	4,308	4,354	4,302	4,172	4,336	4,419	4,530	4,780	4,871	4,731	1,210	58,767
Duchesne	292	277	282	271	323	325	296	316	306	335	367	365	373	196	4,324
Emery	215	234	204	219	206	233	212	222	244	266	285	293	233	35	3,101
Garfield	75	70	82	81	76	83	72	90	93	94	100	104	85	7	1,112
Grand	102	125	116	121	115	137	124	131	132	123	131	135	86	48	1,626
Granite	5,484	5,535	5,593	5,553	5,297	5,336	5,264	5,397	5,547	5,610	5,766	5,873	5,330	1,263	72,848
Iron	525	541	532	527	526	489	492	520	545	554	590	537	557	13	6,948
Jordan	4,876	5,313	5,400	5,458	5,472	5,558	5,478	5,471	5,461	5,653	5,707	5,872	5,460	2,106	73,285
Juab	140	145	127	133	123	142	110	135	129	160	142	143	113	54	1,796
Kane	75	109	88	119	111	95	105	123	119	137	118	134	111		1,444
Millard	215	249	252	252	254	265	254	281	283	306	339	332	288	36	3,606
Morgan	121	121	137	144	140	155	166	163	183	175	167	198	157	20	2,047
Nebo	1,543	1,589	1,606	1,610	1,472	1,524	1,472	1,421	1,465	1,403	1,474	1,526	1,510	344	19,959
No. Sanpete	160	199	208	196	172	194	189	210	208	205	189	198	180	46	2,554
No. Summit	62	76	75	78	79	59	72	82	79	86	73	77	75	14	987
Park City	222	280	301	287	316	298	277	302	333	292	286	260	261	85	3,800
Piute	19	22	13	20	23	16	25	32	32	55	34	40	38	3	372
Rich	32	30	33	34	45	30	31	38	45	46	41	45	49	7	506
San Juan	264	274	268	252	250	256	256	263	250	276	290	237	240	54	3,430
Sevier	295	356	340	328	353	337	321	348	382	411	397	395	380	90	4,733
So. Sanpete	190	214	197	200	195	216	220	229	223	241	261	241	239	12	2,878
So. Summit	91	83	97	99	95	80	93	90	97	101	115	108	93	23	1,265
Tintic	22	20	33	18	27	27	27	22	32	31	23	33	24		339
Tooele	662	697	627	614	654	556	633	568	624	590	603	618	568	155	8,169
Uintah	520	488	472	447	425	442	477	464	481	529	477	525	433	292	6,472
Wasatch	245	233	240	277	274	277	282	273	255	290	283	321	291	40	3,581
Washington	1,347	1,410	1,308	1,437	1,345	1,392	1,348	1,442	1,398	1,431	1,400	1,517	1,419	319	18,513
Wayne	41	41	42	43	38	40	37	45	43	43	48	42	50	1	554
Weber	1,878	2,043	1,997	2,073	2,029	2,072	2,010	2,058	2,218	2,242	2,188	2,316	2,110	824	28,058
Salt Lake	2,135	2,168	2,107	2,084	1,937	1,926	1,788	1,710	1,654	1,773	1,728	1,646	1,579	972	25,207
Ogden	1,051	1,097	1,131	990	926	962	890	920	892	851	846	857	827	500	12,740
Provo	1,061	1,136	1,098	992	963	935	877	924	916	1,059	1,010	1,057	1,051	407	13,486
Logan	508	458	461	465	426	432	407	399	438	411	439	458	392	146	5,840
Murray	429	531	466	531	487	485	446	517	534	534	578	547	532	171	6,788
TOTALS	34,529	36,336	35,901	35,988	35,008	35,304	34,356	35,151	35,559	36,598	37,415	38,138	35,706	11,072	477,061

Source: USOE, Finance and Statistics Section

Pupil Teacher Ratios

1998-1999

Utah Schools by District and Grade

District	Total ADM	Elementary		Secondary	Special Education
		Kinder-Garten	Grades 1-6	Grades 7-12	
Alpine	45,415	20.46	21.88	26.02	5.99
Beaver	1,443	19.60	19.03	21.21	2.34
Box Elder	11,074	20.37	20.23	24.59	3.61
Cache	13,155	18.87	21.84	25.60	4.33
Carbon	4,576	17.88	22.10	22.92	3.86
Daggett	181	7.50	13.73	8.34	
Davis	58,530	19.17	21.84	25.33	4.97
Duchesne	4,442	16.28	18.99	23.67	11.40
Emery	3,063	17.25	19.26	21.01	3.04
Garfield	1,106	12.33	17.30	16.07	3.23
Grand	1,624	17.17	19.27	18.91	5.53
Granite	71,395	19.66	21.65	25.24	6.26
Iron	7,057	23.13	24.36	23.67	2.84
Jordan	72,917	22.14	21.95	26.85	7.54
Juab	1,782	28.20	23.64	26.14	6.35
Kane	1,420	10.56	20.92	18.37	1.39
Logan	5,803	23.00	21.03	23.26	5.07
Millard	3,659	16.62	21.64	20.31	2.65
Morgan	2,047	19.29	20.00	20.91	3.53
Murray	6,678	20.57	20.53	21.94	7.62
Nebo	19,897	22.11	19.98	25.31	10.24
N. Sanpete	2,528	19.75	23.01	23.61	4.49
N. Summit	980	15.61	18.35	17.98	3.46
Ogden	12,668	17.49	19.35	22.77	7.31
Park City	3,810	16.07	19.76	19.52	5.42
Piute	372	36.00	14.88	15.49	4.52
Provo	13,453	16.08	21.06	22.36	4.73
Rich	508	10.67	12.58	17.61	4.19
Salt Lake	25,083	19.00	20.79	24.26	7.75
San Juan	3,432	12.99	20.28	15.66	3.29
Sevier	4,689	20.26	21.81	24.83	4.25
S. Sanpete	2,837	19.89	22.60	20.69	3.75
S. Summit	1,271	22.50	19.23	18.37	4.69
Tintic	335	15.91	15.71	13.55	0.41
Toole	8,172	21.94	21.63	21.24	6.43
Uintah	6,401	18.71	20.66	20.12	7.44
Wasatch	3,498	20.42	20.03	22.26	3.49
Washington	18,598	21.52	23.26	24.65	4.15
Wayne	550	13.33	18.55	13.85	0.30
Weber	27,938	20.79	23.01	24.79	6.92
Totals:	474,387	19.80	21.51	24.51	6.03

Source: USOE, School Finance and Statistics Section.

Pupil Teacher Ratios: History

Fiscal Years 1995-98

Utah Schools by District

1995-96		1996-97		1997-98		1998-99	
District	Ratio	District	Ratio	District	Ratio	District	Ratio
Alpine	25.12	Alpine	24.66	Alpine	23.38	Alpine	22.00
Beaver	22.35	Beaver	20.84	Beaver	19.92	Beaver	18.80
Box Elder	23.45	Box Elder	22.04	Box Elder	21.27	Box Elder	20.50
Cache	24.99	Cache	23.15	Cache	22.99	Cache	21.90
Carbon	22.46	Carbon	21.11	Carbon	20.23	Carbon	20.50
Daggett	14.17	Daggett	12.38	Daggett	11.31	Daggett	8.90
Davis	25.11	Davis	23.89	Davis	23.12	Davis	21.80
Duchesne	20.93	Duchesne	19.74	Duchesne	21.09	Duchesne	18.80
Emery	20.42	Emery	21.46	Emery	19.12	Emery	18.10
Garfield	19.53	Garfield	18.21	Garfield	16.80	Garfield	15.70
Grand	18.91	Grand	18.05	Grand	18.22	Grand	17.70
Granite	24.46	Granite	22.90	Granite	22.47	Granite	21.50
Iron	24.56	Iron	22.46	Iron	22.80	Iron	21.80
Jordan	25.12	Jordan	23.69	Jordan	23.68	Jordan	22.60
Juab	23.74	Juab	22.54	Juab	22.15	Juab	22.50
Kane	21.90	Kane	19.37	Kane	19.75	Kane	18.00
Millard	21.60	Millard	20.51	Millard	19.35	Millard	18.10
Morgan	22.78	Morgan	21.11	Morgan	20.94	Morgan	19.60
Nebo	25.32	Nebo	24.14	Nebo	23.86	Nebo	22.90
No. Sanpete	22.94	No. Sanpete	22.27	No. Sanpete	23.13	No. Sanpete	21.40
No. Summit	21.05	No. Summit	18.43	No. Summit	19.28	No. Summit	18.60
Park City	20.72	Park City	19.93	Park City	18.88	Park City	17.80
Piute	17.95	Piute	16.09	Piute	16.45	Piute	13.90
Rich	16.78	Rich	15.36	Rich	14.09	Rich	14.30
San Juan	17.35	San Juan	15.82	San Juan	16.63	San Juan	15.70
Sevier	23.45	Sevier	22.19	Sevier	22.09	Sevier	21.00
So. Sanpete	21.02	So. Sanpete	19.89	So. Sanpete	19.55	So. Sanpete	18.80
So. Summit	20.00	So. Summit	19.64	So. Summit	18.31	So. Summit	17.70
Tintic	17.43	Tintic	14.22	Tintic	13.54	Tintic	12.10
Tooele	22.79	Tooele	20.72	Tooele	21.46	Tooele	21.90
Uintah	21.69	Uintah	20.88	Uintah	20.86	Uintah	19.30
Wasatch	24.05	Wasatch	22.75	Wasatch	20.97	Wasatch	20.50
Washington	25.20	Washington	23.09	Washington	22.58	Washington	21.80
Wayne	17.00	Wayne	15.66	Wayne	15.35	Wayne	15.10
Weber	25.96	Weber	23.63	Weber	23.16	Weber	22.10
Salt Lake	22.14	Salt Lake	21.86	Salt Lake	21.26	Salt Lake	20.30
Ogden	20.58	Ogden	19.30	Ogden	19.37	Ogden	19.20
Provo	22.41	Provo	20.94	Provo	20.55	Provo	19.10
Logan	21.42	Logan	20.09	Logan	20.52	Logan	19.90
Murray	23.23	Murray	22.16	Murray	21.74	Murray	19.90
State	22.97	State	21.66	State	21.24	State	20.20
U.S. Total	17.30	U.S. Total	17.30	U.S. Total	17.10	U.S. Total	16.80

Notes:

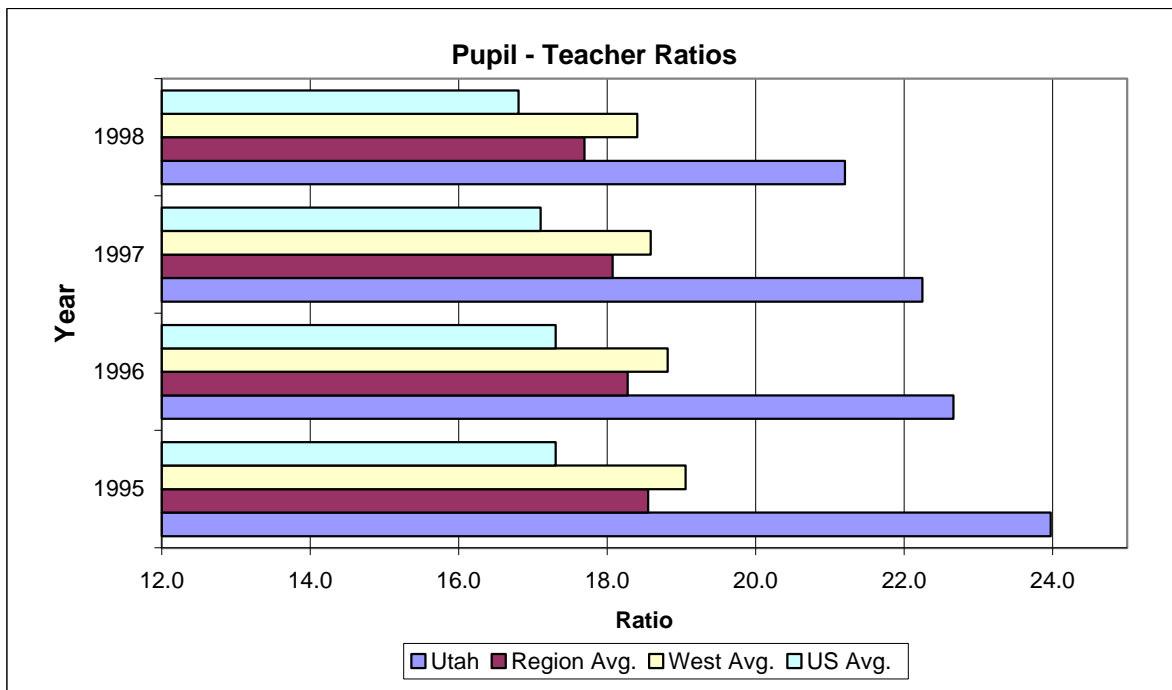
Average Daily Membership (ADM) does not include students attending out of state.
Interns and resource teachers are included.

Source: USOE, School Finance and Statistics Section

Pupil Teacher Ratios

Comparative History of Utah and the West

State		Year				
		1995	1996	1997	1998	
West	Region	Utah	24.0	22.7	22.2	21.2
		Arizona	19.6	19.7	19.8	19.4
		Colorado	18.5	18.5	18.2	18.4
		Idaho	19.0	18.8	18.5	17.6
		Montana	16.4	16.0	15.9	16.2
		Nevada	19.1	19.1	18.5	19.0
		New Mexico	17.0	16.7	16.9	15.1
		Wyoming	14.8	14.7	14.5	14.6
		Alaska	17.3	17.5	17.3	16.9
	California	24.0	22.9	21.6	22.5	
	Hawaii	17.8	17.7	17.8	17.9	
	Oregon	19.8	20.1	20.1	20.1	
	Washington	20.4	20.2	20.2	20.3	
	Region Avg.		18.5	18.3	18.1	17.7
	West Avg.		19.1	18.8	18.6	18.4
US Avg.		17.3	17.3	17.1	16.8	



Sources: USOE, Finance and Statistics Section, U.S. Department of Education, NCES, Common Core of Data.

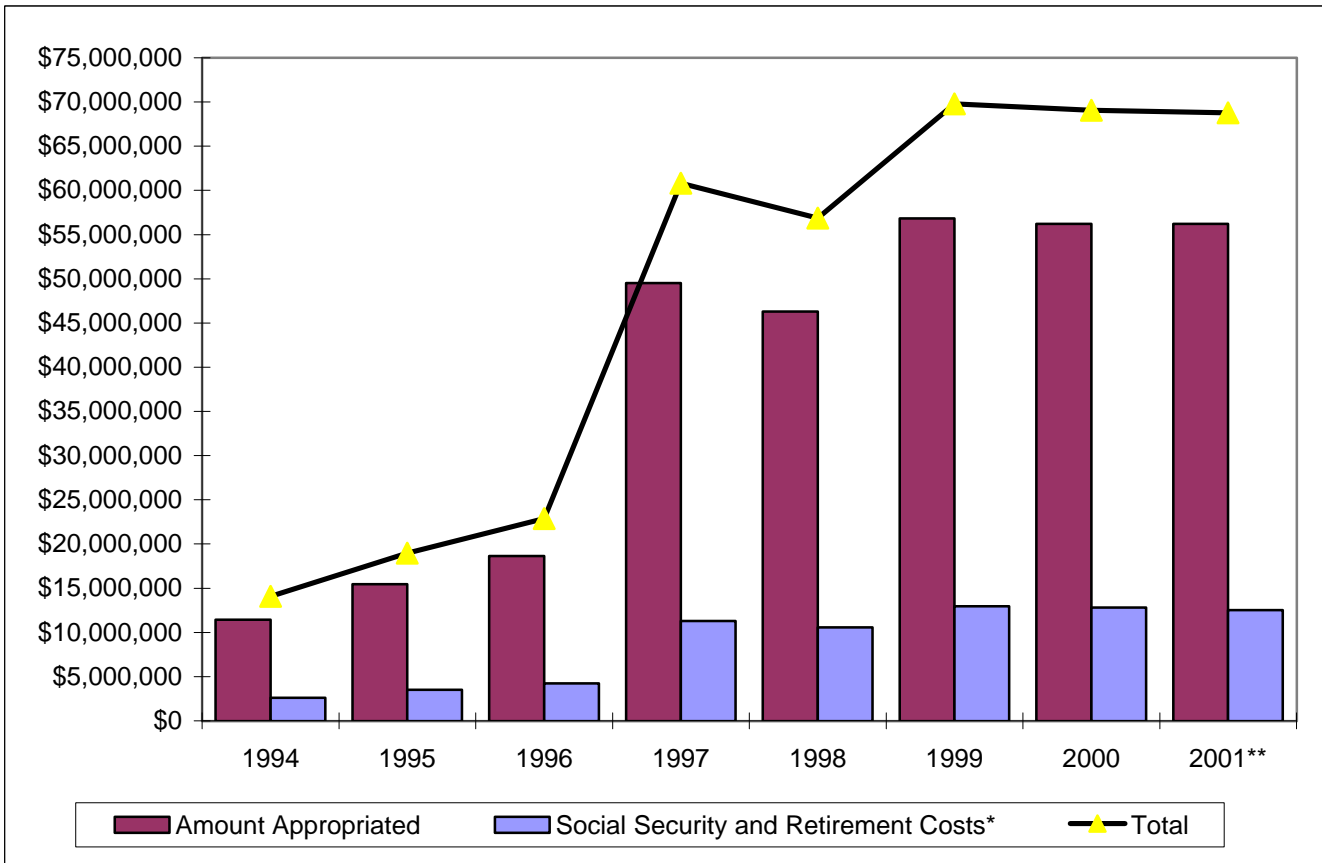
Class Size Cost History

State Fiscal Appropriations for Class Size Reductions
Eight Year History (1994-2001)

Fiscal Year	Amount Appropriated	Social Security and Retirement Costs*	Total	Change from Previous Year	Percent Change
1994	\$11,453,098	\$2,611,306	\$14,064,404	+++	+++
1995	15,451,272	3,522,890	\$18,974,162	4,909,758	34.9%
1996	18,632,768	4,248,271	\$22,881,039	3,906,877	20.6%
1997	49,511,621	11,288,649	\$60,800,270	37,919,231	165.7%
1998	46,311,678	10,559,062	\$56,870,740	-3,929,530	-6.5%
1999	56,840,616	12,959,660	\$69,800,276	12,929,536	22.7%
2000	56,225,877	12,826,339	\$69,052,216	-748,060	-1.1%
2001**	56,225,877	12,538,370	\$68,764,247	-287,969	-0.4%

* Social Security and Retirement: 22.8% for Fiscal Years 1994-2000, and 22.3% for Fiscal Year 2001.

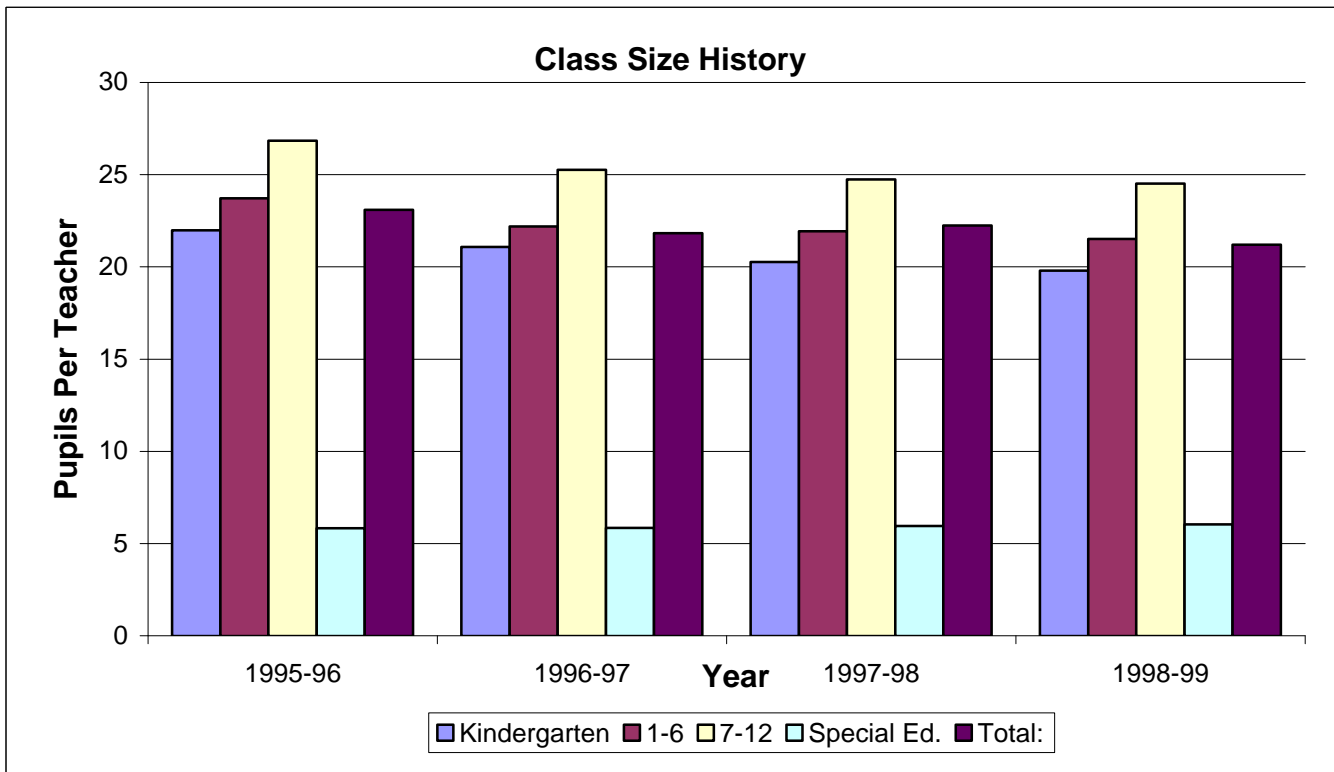
** Estimated Appropriation



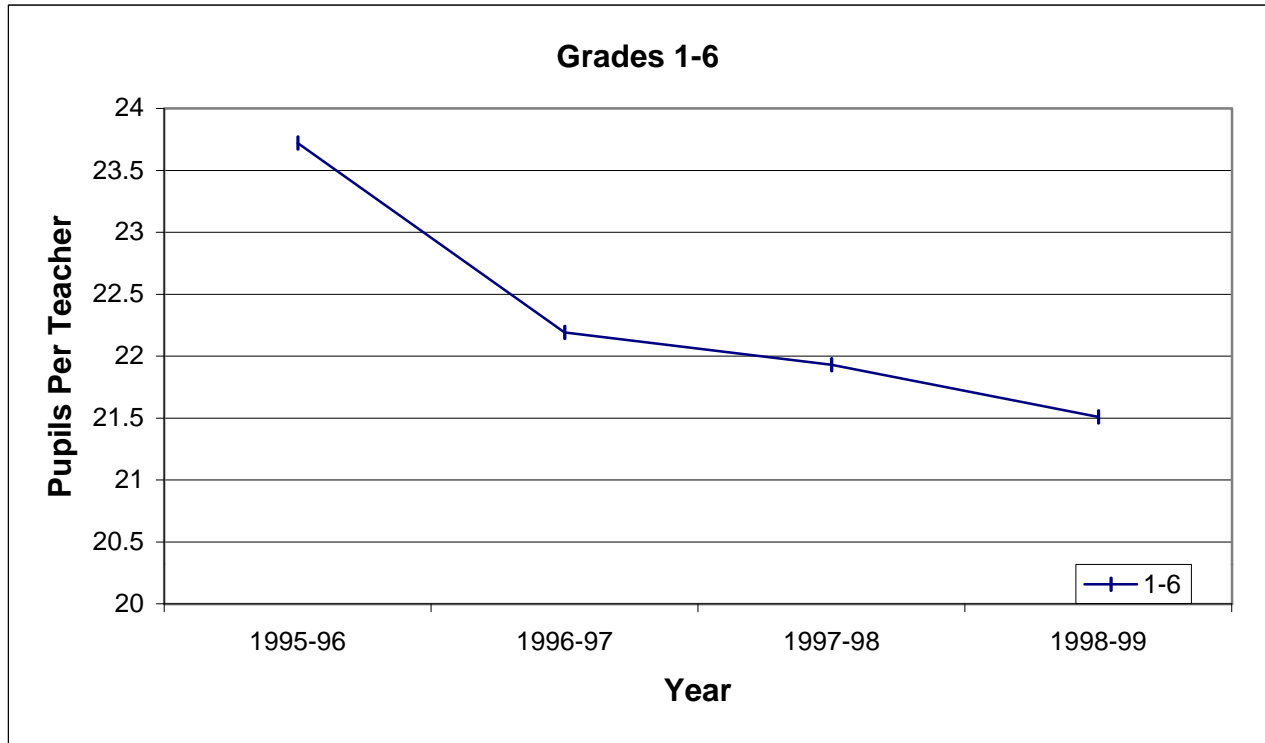
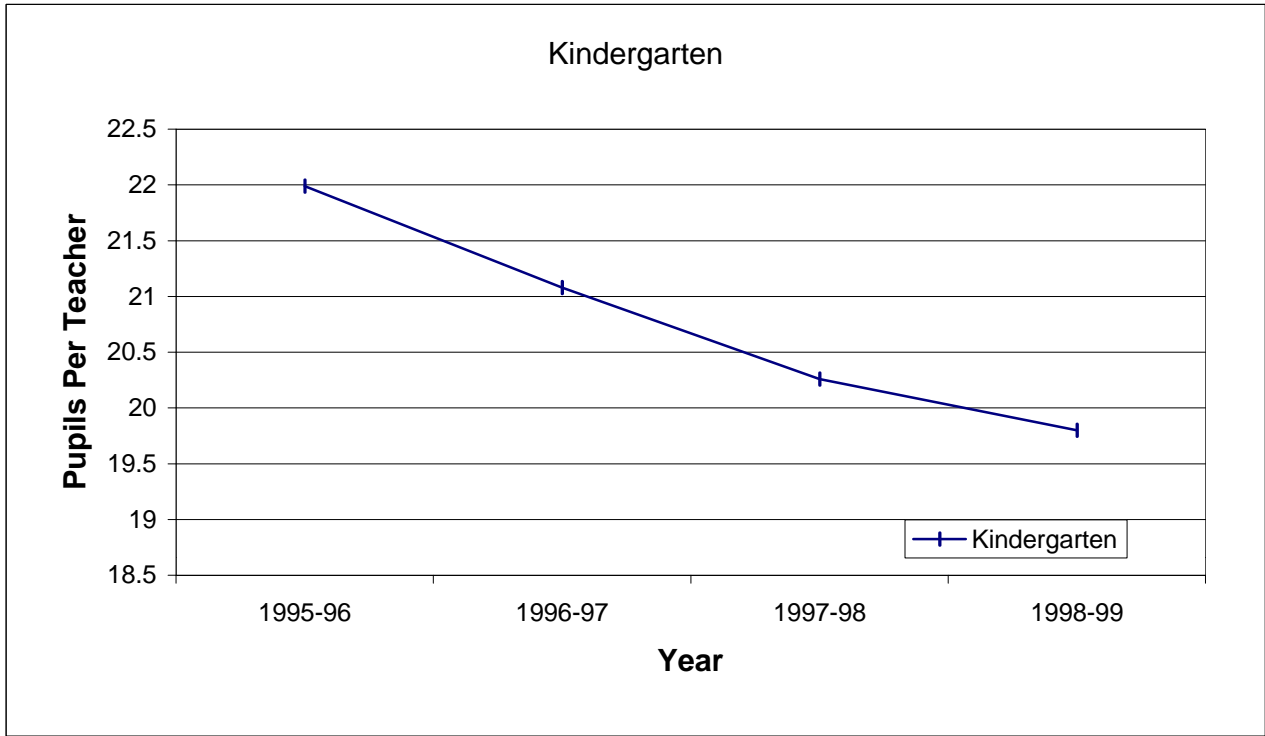
Source: Legislative Fiscal Analyst, Appropriation Reports.

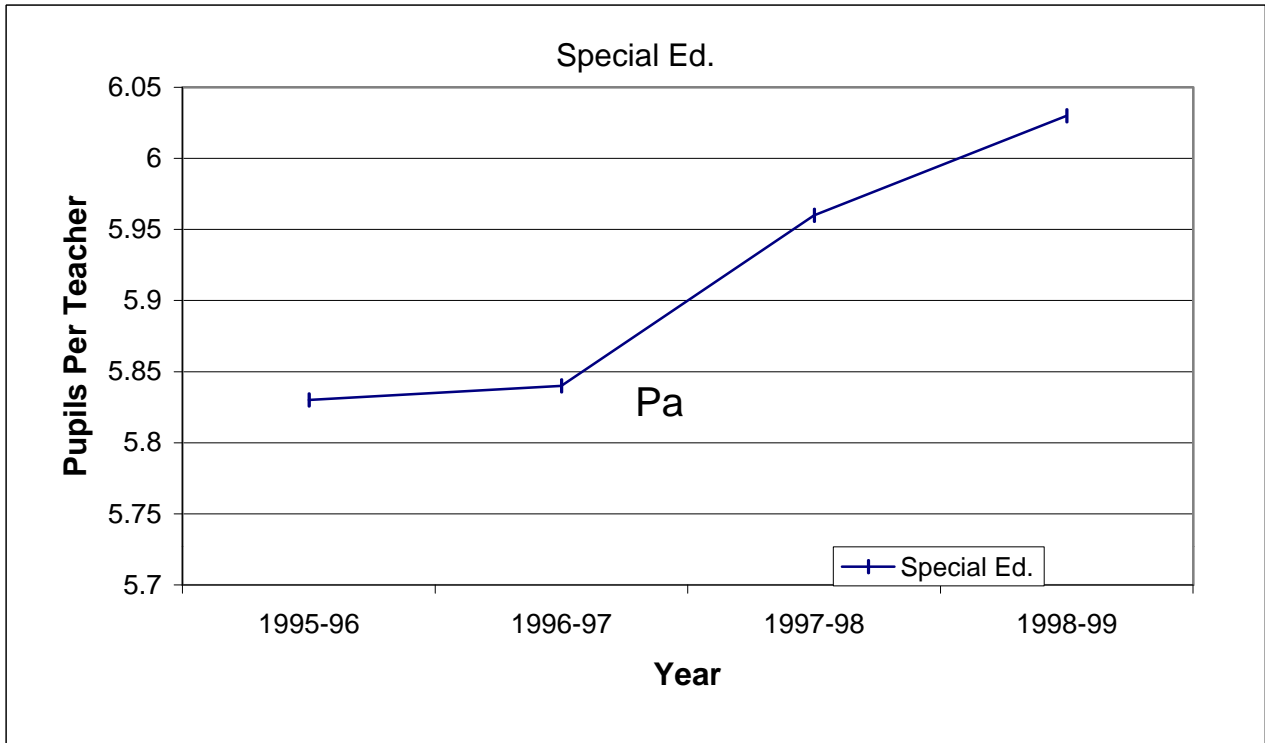
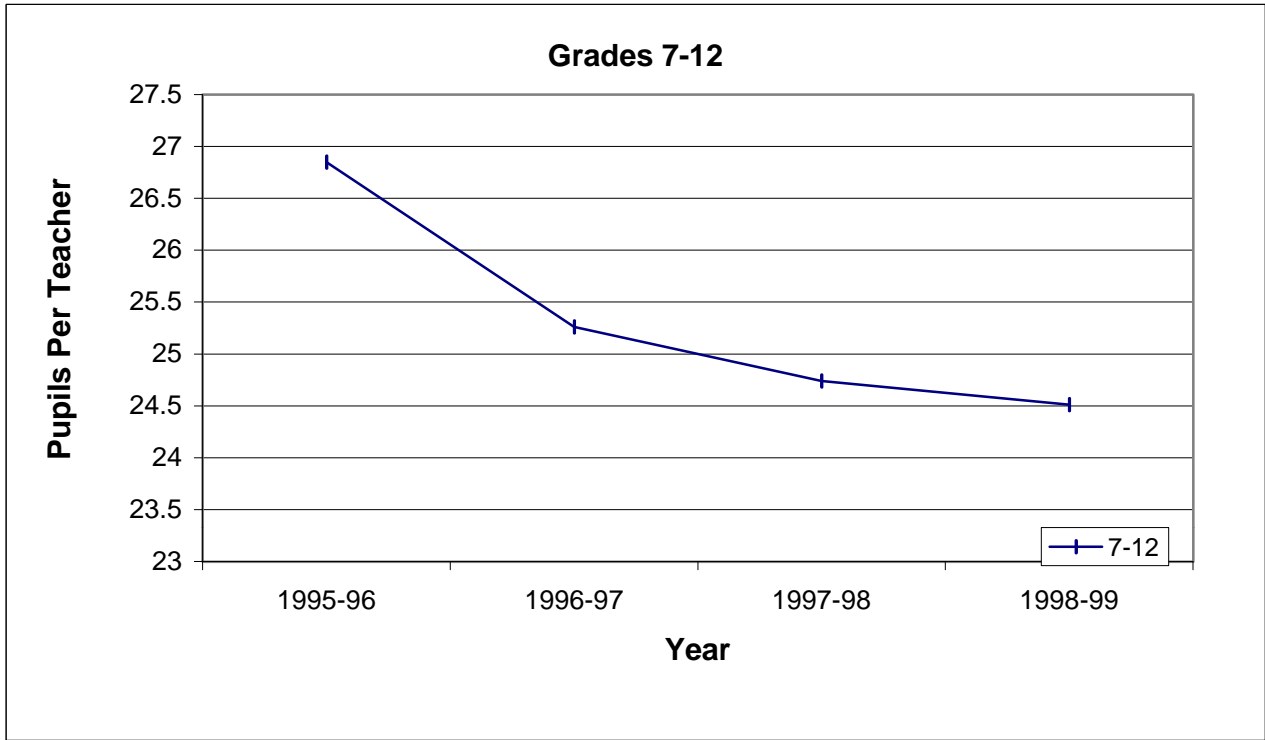
Class Size Data History
Fiscal Years 1995-1998

Grades	1995-96	1996-97	1997-98	1998-99
Kindergarten	21.99	21.08	20.26	19.80
1-6	23.72	22.19	21.93	21.51
7-12	26.85	25.26	24.74	24.51
Special Ed.	5.83	5.84	5.96	6.03
Total:	23.09	21.82	22.24	21.20



Source: USOE, Finance and Statistics Section.





**Class Size Data
1998-1999**

Estimates to Reduce Class Size by One

Grade	1998-99 Fall Enrollments	1998-99 Enrollments by Grade Grouping	1998-99 Pupil Teacher/Ratios	New Teachers Needed	Salary Cost to Reduce by One	All Benefits*	Total Estimated Cost
K	34,529	34,529	19.80	92.76	\$3,146,048	\$1,438,707	\$4,584,755
1	36,336						
2	35,901						
3	35,988						
4	35,008						
5	35,304						
6	34,356						
1-6		212,893	21.51	482.56	\$16,366,504	\$7,484,505	\$23,851,009
7	35,151						
8	35,559						
9	36,598						
10	37,415						
11	38,138						
12	35,706						
7-12		218,567	24.51	379.31	\$13,083,919	\$5,883,098	\$18,967,017
Total:		465,989	65.82	954.63	\$32,596,471	\$14,806,310	\$47,402,781

Est. Avg. Elem. Salary: \$33,916

Est. Avg. Sec. Salary: \$34,494

*Est. Avg. Benefits and Career Ladders: \$15,510

Note: The costs do not include any capital outlay or construction costs for additional facilities.

Source: USOE, School Finance and Statistics Section.

**Section III.
Minimum School Program &
Education Expenditures**

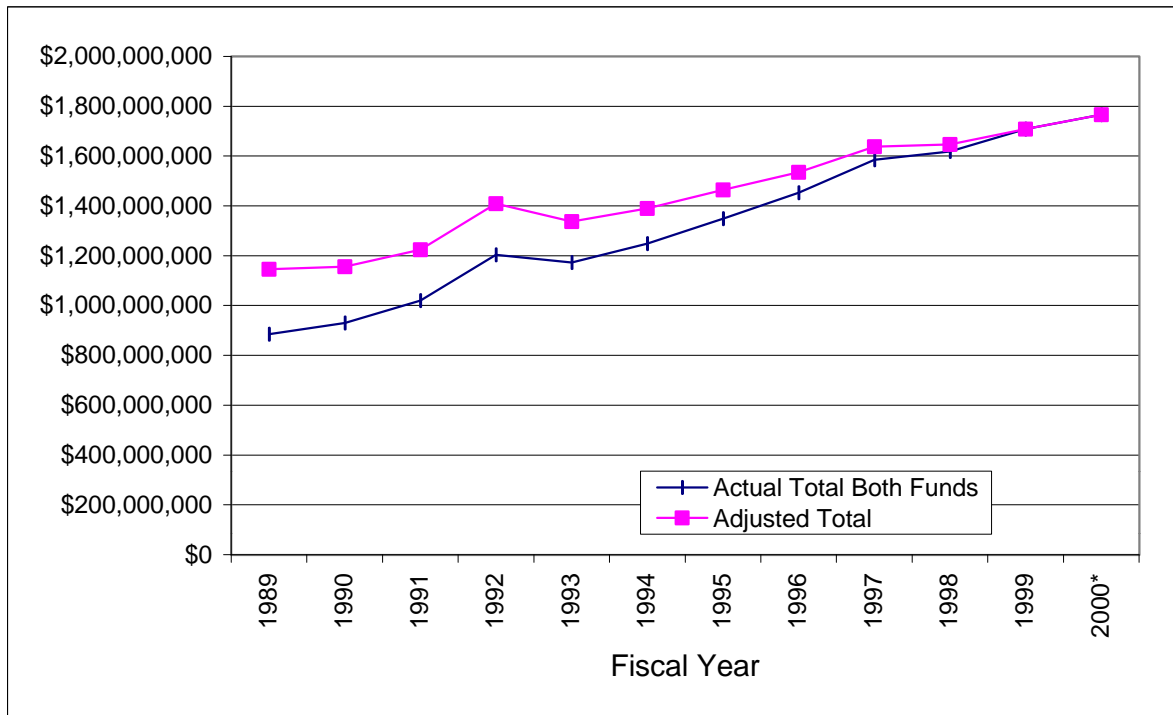
Minimum School Program History

In 1999 Constant Dollars
12 Year Comparison 1989-2000

Fiscal Year	Uniform School Fund	Local Property Tax	Actual Total Both Funds	Adjusted Total
1989	\$656,481,156	\$227,993,371	\$884,474,527	\$1,146,278,987
1990	695,195,692	235,170,088	930,365,780	1,155,514,299
1991	776,580,932	243,906,052	1,020,486,984	1,224,584,381
1992	937,459,832	266,574,453	1,204,034,285	1,408,720,113
1993	895,502,887	277,512,206	1,173,015,093	1,337,237,206
1994	945,884,359	302,186,088	1,248,070,447	1,390,350,478
1995	1,023,072,366	325,847,896	1,348,920,262	1,464,927,405
1996	1,190,046,076	263,213,964	1,453,260,040	1,534,642,602
1997	1,333,256,502	252,258,899	1,585,515,401	1,637,837,409
1998	1,347,401,192	271,352,494	1,618,753,686	1,646,272,499
1999	1,417,127,182	291,449,741	1,708,576,923	1,708,576,923
2000*	1,454,665,683	311,574,929	1,766,240,612	1,766,240,612

* Appropriated Funds

Source: LFA Appropriations Report



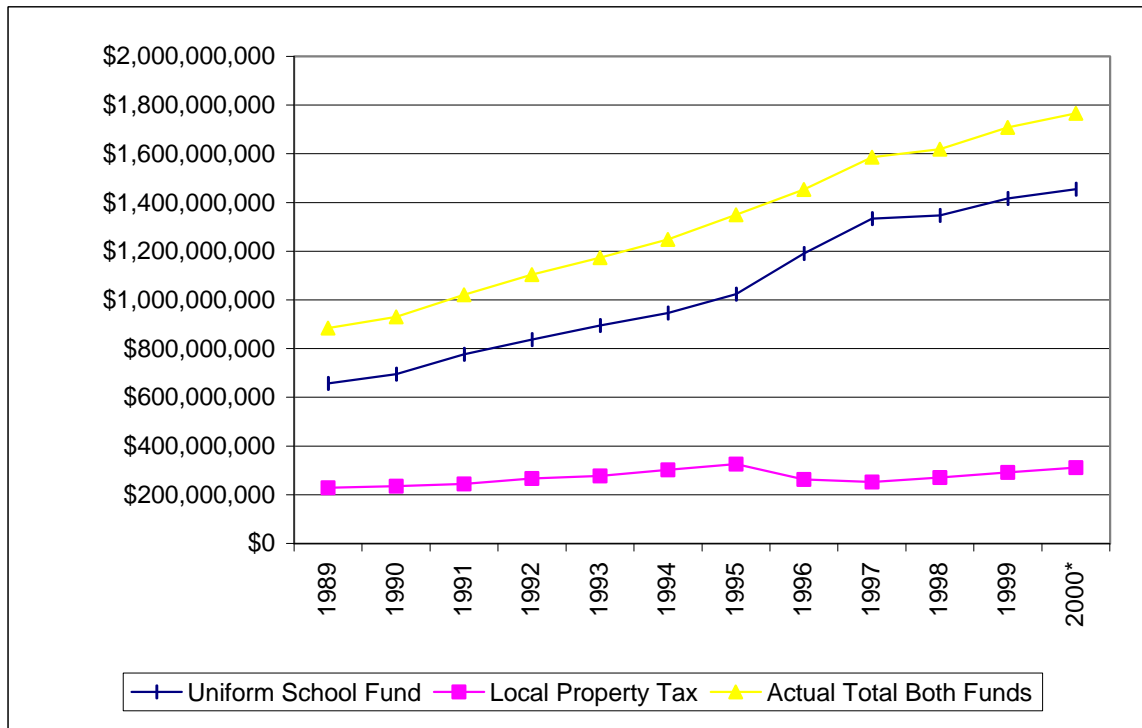
Minimum School Program History

12 Year Comparison 1989-2000

Fiscal Year	Uniform School Fund	Local Property Tax	Actual Total Both Funds	Change	Change in State Funds
1989	\$656,481,186	\$227,993,371	\$884,474,557	3.72%	3.33%
1990	695,195,692	235,170,088	930,365,780	6.54%	9.42%
1991	776,580,932	243,906,052	1,020,486,984	5.82%	6.50%
1992	837,459,832	266,574,453	1,104,034,285	8.19%	7.84%
1993	895,502,887	277,512,206	1,173,015,093	6.25%	6.93%
1994	945,884,359	302,186,088	1,248,070,447	7.88%	7.56%
1995	1,023,072,366	325,847,896	1,348,920,262	8.15%	7.65%
1996	1,190,046,076	263,213,964	1,453,260,040	6.72%	14.90%
1997	1,333,256,502	252,258,899	1,585,515,401	5.27%	5.98%
1998	1,347,401,192	271,352,494	1,618,753,686	-0.55%	-0.10%
1999	1,417,127,182	291,449,741	1,708,576,923	6.47%	6.31%
2000*	1,454,665,683	311,574,929	1,766,240,612	2.46%	2.62%

* Appropriated Funds

Source: LFA Appropriations Report



**State Education Appropriations of Revenue from the
Uniform School Fund and General Fund*
1982 - 2000**

Fiscal Year	Public Ed. Share	Higher Ed. Share	Total Education	Total State USF & GF
2000	46.5%	15.7%	62.2%	\$3,366,931,000
1999	46.9%	15.5%	62.4%	3,254,235,000
1998	47.9%	15.4%	63.3%	3,046,149,577
1997	51.0%	16.1%	67.1%	2,836,425,981
1996	48.6%	16.3%	64.9%	2,610,697,226
1995	48.0%	17.1%	65.1%	2,342,094,766
1994	48.4%	17.2%	65.6%	2,118,780,709
1993	47.9%	17.7%	65.6%	1,979,328,087
1992	48.1%	17.5%	65.6%	1,866,961,800
1991	47.7%	17.5%	65.2%	1,748,332,332
1990	47.6%	17.9%	65.5%	1,631,683,670
1989	46.1%	17.4%	63.5%	1,512,560,985
1988	49.1%	18.6%	67.7%	1,380,109,500
1987	47.3%	18.1%	65.4%	1,347,699,300
1986	49.4%	19.7%	69.1%	1,254,625,700
1985	47.0%	19.8%	66.8%	1,188,360,200
1984	47.1%	18.8%	65.9%	1,054,555,700
1983	48.5%	19.8%	68.2%	994,699,400
1982	47.1%	19.7%	66.8%	882,965,800

* Source: Office of the Legislative Fiscal Analyst

Prepared by: Office of the Legislative Fiscal Analyst, November 1999

Public Education
 Teacher Salary Expenditures Compared
 With Total Instructional Costs
 1991 - 1998

Year	Teacher Salary Expenditures	Percent Increase	Total Instructional Costs	Percent Increase	Salary Expenditures as a Percent of Instructional Costs
1991	\$515,413,625		\$809,650,337		63.7%
1992	542,654,007	5.3%	854,115,408	5.5%	63.5%
1993	569,813,558	5.0%	894,240,601	4.7%	63.7%
1994	603,339,847	5.9%	960,428,010	7.4%	62.8%
1995	641,576,875	6.3%	1,027,131,016	6.9%	62.5%
1996	679,201,954	5.9%	1,098,608,844	7.0%	61.8%
1997	736,129,486	8.4%	1,200,129,751	9.2%	61.3%
1998	770,773,189	4.7%	1,248,051,551	4.0%	61.8%

Source: Utah State Board of Education: Finance and Statistics

Prepared by: Office of the Legislative Fiscal Analyst, November 1999

Public Education
 Instructional Salary Expenditures Compared
 With Total Instructional Costs
 1991 - 1998

Year	Instructional Salary Expenditures	Percent Increase	Total Instructional Costs	Percent Increase	Salary Expenditures as a Percent of Instructional Costs
1991	\$564,003,294		\$809,650,337		69.7%
1992	593,388,261	5.2%	854,115,408	5.5%	69.5%
1993	623,297,606	5.0%	894,240,601	4.7%	69.7%
1994	662,190,758	6.2%	960,428,010	7.4%	68.9%
1995	705,783,662	6.6%	1,027,131,016	6.9%	68.7%
1996	748,691,906	6.1%	1,098,608,844	7.0%	68.1%
1997	812,195,634	8.5%	1,200,129,751	9.2%	67.7%
1998	853,120,984	5.0%	1,248,051,551	4.0%	68.4%

Source: Utah State Board of Education: Finance and Statistics

Prepared by: Office of the Legislative Fiscal Analyst, November 1999

Public Education
 Teacher Salary Expenditures Compared
 With Total Maintenance and Operations Costs
 1991 - 1998

Year	Teacher Salary Expenditures	Percent Increase	Total Maintenance and Operations Expenditures	Percent Increase	Salary Expenditures as a Percent of Total Expenditures
1991	\$515,413,625		\$1,164,572,662		44.3%
1992	542,654,007	5.3%	1,222,993,854	5.0%	44.4%
1993	569,813,558	5.0%	1,281,267,312	4.8%	44.5%
1994	603,339,847	5.9%	1,379,915,739	7.7%	43.7%
1995	641,576,875	6.3%	1,481,518,636	7.4%	43.3%
1996	679,201,954	5.9%	1,583,857,394	6.9%	42.9%
1997	736,129,486	8.4%	1,715,872,413	8.3%	42.9%
1998	770,773,189	4.7%	1,794,638,830	4.6%	42.9%

Source: Utah State Board of Education: Finance and Statistics

State Government
Average State Employee Salaries
1995-2000

Estimated Average State Employee Salaries, FY 1995 - FY 2000						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000
Average State Employee:						
Salary	\$27,541	\$27,395	\$29,629	\$29,858	\$32,176	\$33,220
Benefits	12,968	13,348	14,238	14,529	15,616	16,470
Total	\$40,509	\$40,742	\$43,866	\$44,387	\$47,792	\$49,690
Percent Change:						
Salary		-0.53%	8.16%	0.78%	7.76%	3.24%
Benefits		2.93%	6.67%	2.05%	7.48%	5.47%
Total		0.58%	7.67%	1.19%	7.67%	3.97%
<p>Note: Average does not include Legislative and Judicial Branch employees, nor Schedules AA, AF, AG, AH, AJ, AQ, TE, and TL. Benefit package includes PEHP Traditional Family Health and Dental Plans, and the State Employee Noncontributory Retirement package.</p>						

Assumed Variables:

Wage per Hour	\$13.19	\$13.12	\$14.19	\$14.30	\$15.41	\$15.91
Health Insurance	\$5,515.00	\$5,930.00	\$5,907.00	\$5,907.00	\$6,262.00	\$6,708.00
Dental Insurance	\$496.00	\$497.00	\$570.00	\$685.00	\$685.00	\$783.00
Life Insurance	\$36.00	\$36.36	\$36.48	\$36.48	\$36.48	\$36.40
Retirement	13.00%	12.97%	13.99%	14.16%	14.16%	14.16%
Disability	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%
Workers' Compensation	1.26%	0.96%	0.80%	0.80%	0.80%	0.80%
401K	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Termination Pool	0.95%	1.30%	1.40%	1.62%	2.00%	2.10%
UCI	0.17%	0.15%	0.13%	0.13%	0.12%	0.11%
SS Rate	6.20%	6.20%	6.20%	6.20%	6.20%	6.20%
Medicare Rate	1.45%	1.45%	1.45%	1.45%	1.45%	1.45%
Hours Per Year	2088	2088	2088	2088	2088	2088

Formulae:

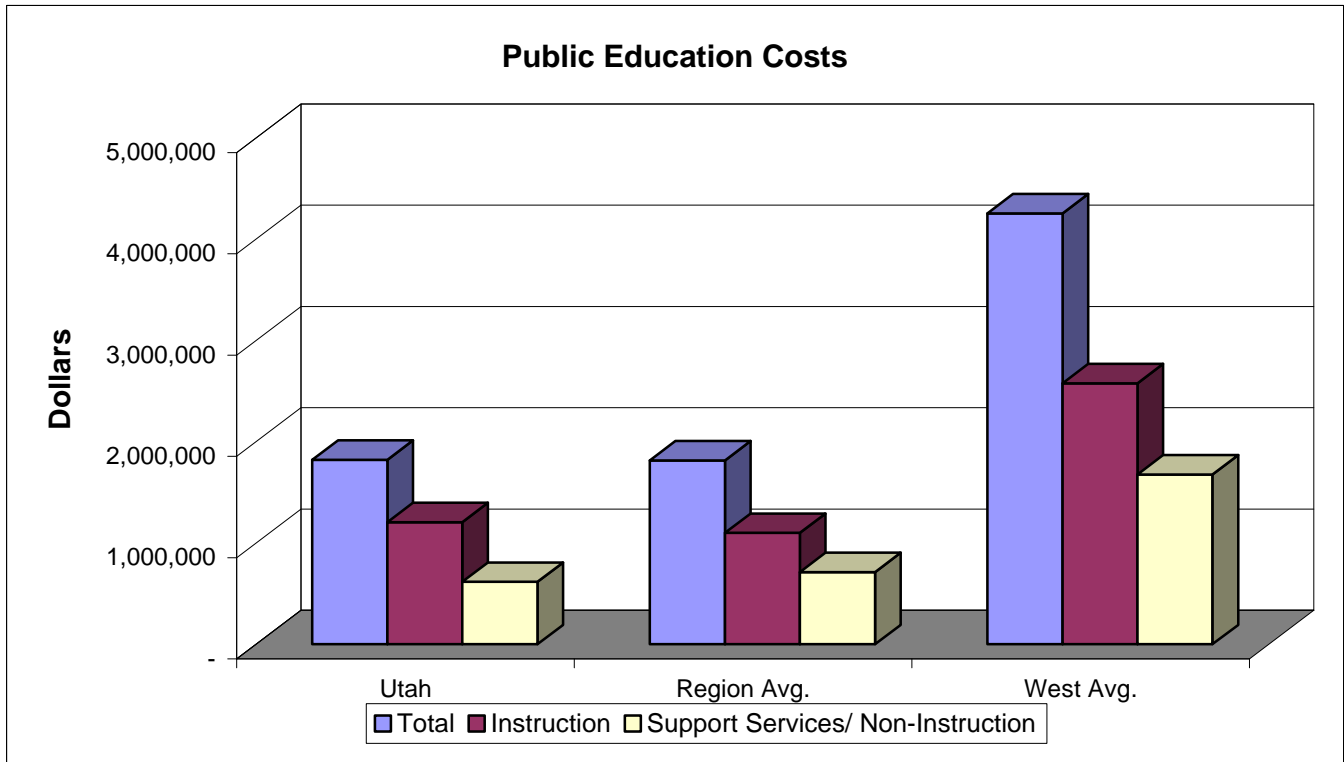
Salary=Wage*Hour;

Benefits=Health+Dental+Life+(Salary*(Retirement+Disability+Workers' Comp+401K+Termination Pool+UCI+Social Security+Medicare))

Instruction vs. Non-Instruction Costs

[in thousands of dollars]
For School Year 1997-1998

		State	Total	Instruction	Percentage of Total Budget	Support Services/ Non-Instruction	Percentage of Total Budget
WEST	REGION	Utah	1,822,725	1,205,721	66.1	617,004	33.9
		Arizona	3,527,473	2,025,072	57.4	1,502,401	42.6
		Colorado	3,577,211	2,210,900	61.8	1,366,310	38.2
		Idaho	1,090,597	683,594	62.7	407,003	37.3
		Montana	902,252	562,184	62.3	340,068	37.7
		Nevada	1,434,395	859,392	59.9	575,003	40.1
		New Mexico	1,577,376	894,288	57.4	663,087	42.6
		Wyoming	591,488	363,275	61.4	228,213	38.6
	Alaska	1,069,379	606,333	56.7	463,046	43.3	
	California	29,909,168	18,121,365	60.6	11,787,803	39.4	
	Hawaii	1,057,069	683,594	63.0	391,261	37.0	
	Oregon	3,184,100	1,927,857	60.5	1,256,243	39.5	
	Washington	5,587,808	3,351,236	60.0	2,196,571	40.0	
	Region Avg.	1,815,440	1,100,553	61.1	712,386	38.9	
	West Avg.	4,256,234	2,576,524	60.8	1,676,463	39.2	
US Total	270,151,583	167,147,978	61.9	103,003,605	38.1		



Source: U.S. Department of Education, NCES, Common Core of Data, and USOE.

Public Education
 Weighted Pupil Unit and Fall Enrollment Comparisons
 1970 - 2000

Year	WPU Value	% Increase in WPU Value	Number of WPU's	Fall Enrollment	WPU/Fall Enrollment Difference	% Increase in Number of WPU's	% Increase in Fall Enrollment
2000	\$1,901	2.54%	669,408	475,832	193,576	0.14%	-0.03%
1999	1,854	3.52%	668,465	475,988	192,477	0.24%	-0.22%
1998	1,791	2.99%	666,891	477,061	189,830	0.56%	-0.44%
1997	1,739	4.01%	663,151	479,151	184,000	3.28%	0.23%
1996	1,672	3.98%	642,121	478,028	164,093	1.06%	0.92%
1995	1,608	4.48%	635,379	473,666	161,713	2.07%	0.48%
1994	1,539	3.29%	622,477	471,402	151,075	2.78%	0.58%
1993	1,490	5.82%	605,626	468,675	136,951	0.23%	1.60%
1992	1,408	4.61%	604,264	461,281	142,983	9.61%	1.55%
1991	1,346	8.55%	551,308	454,218	97,090	2.11%	2.13%
1990	1,240	2.99%	539,895	444,732	95,163	1.21%	2.06%
1989	1,204	0.00%	533,448	435,762	97,686	0.97%	1.45%
1988	1,204	0.00%	528,317	429,551	98,766	1.79%	1.46%
1987	1,204	2.03%	519,047	423,386	95,661	2.90%	1.78%
1986	1,180	4.98%	504,398	415,994	88,404	4.14%	2.64%
1985	1,124	1.90%	484,350	405,305	79,045	5.45%	3.89%
1984	1,103	2.04%	459,306	390,141	69,165	4.57%	3.16%
1983*	1,081	7.78%	439,216	378,208	61,008	3.99%	2.40%
1982	1,003	6.03%	422,381	369,338	53,043	5.50%	4.17%
1981	946	11.03%	400,357	354,540	45,817	3.44%	3.40%
1980	852	7.17%	387,041	342,885	44,156	1.95%	3.10%
1979	795	8.61%	379,647	332,575	47,072	0.90%	2.50%
1978	732	7.17%	376,267	324,468	51,799	2.08%	2.25%
1977	683	9.98%	368,593	317,332	51,261	2.71%	0.91%
1976	621	10.89%	358,865	314,471	44,394	0.68%	1.54%
1975	560	10.24%	356,430	309,708	46,722	1.05%	0.58%
1974	508		352,710	307,924	44,786		0.53%
1973	DU**		DU**	306,299			0.01%
1972	DU**		DU**	306,264			0.41%
1971	DU**		DU**	305,011			0.34%
1970	DU**		DU**	303,978			

Sources: Utah State Office of Education, Annual Statistical Report
 Governor's Office of Planning and Budget, Annual Budget Recommendations
 Office of the Legislative Fiscal Analyst, Annual Appropriations Reports

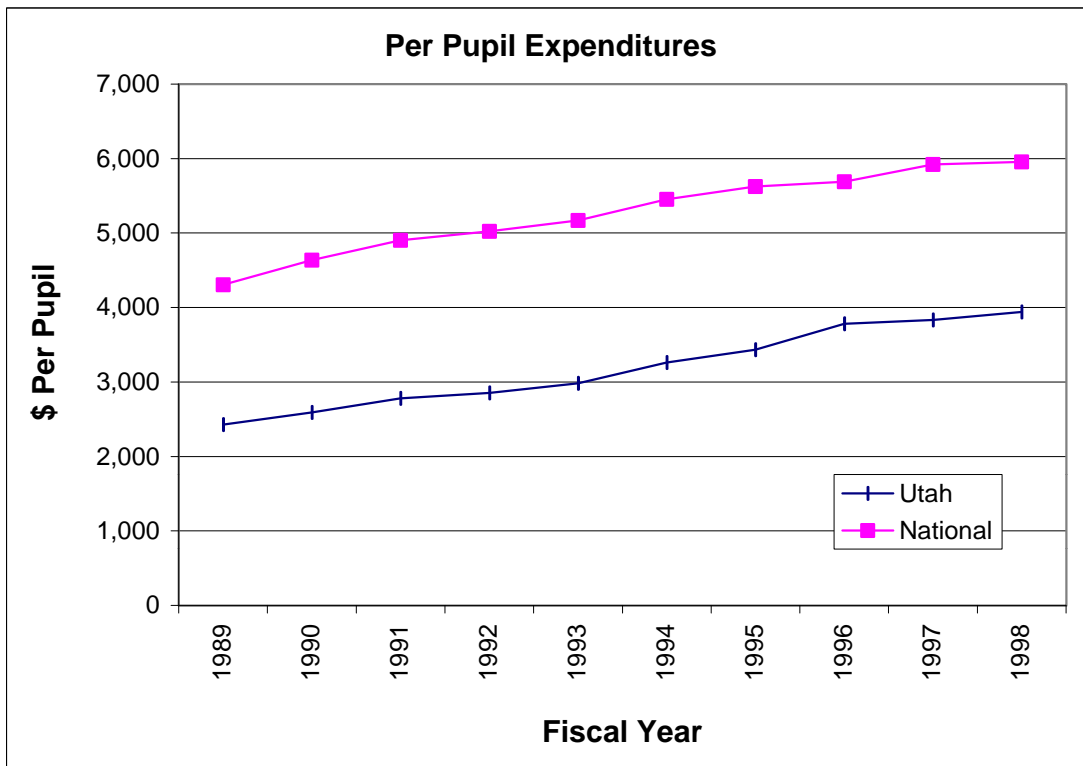
* Converter to an ADM base

** Distribution Units

Expenditures Per Pupil in Public Education

Ten Year History 1989-1998

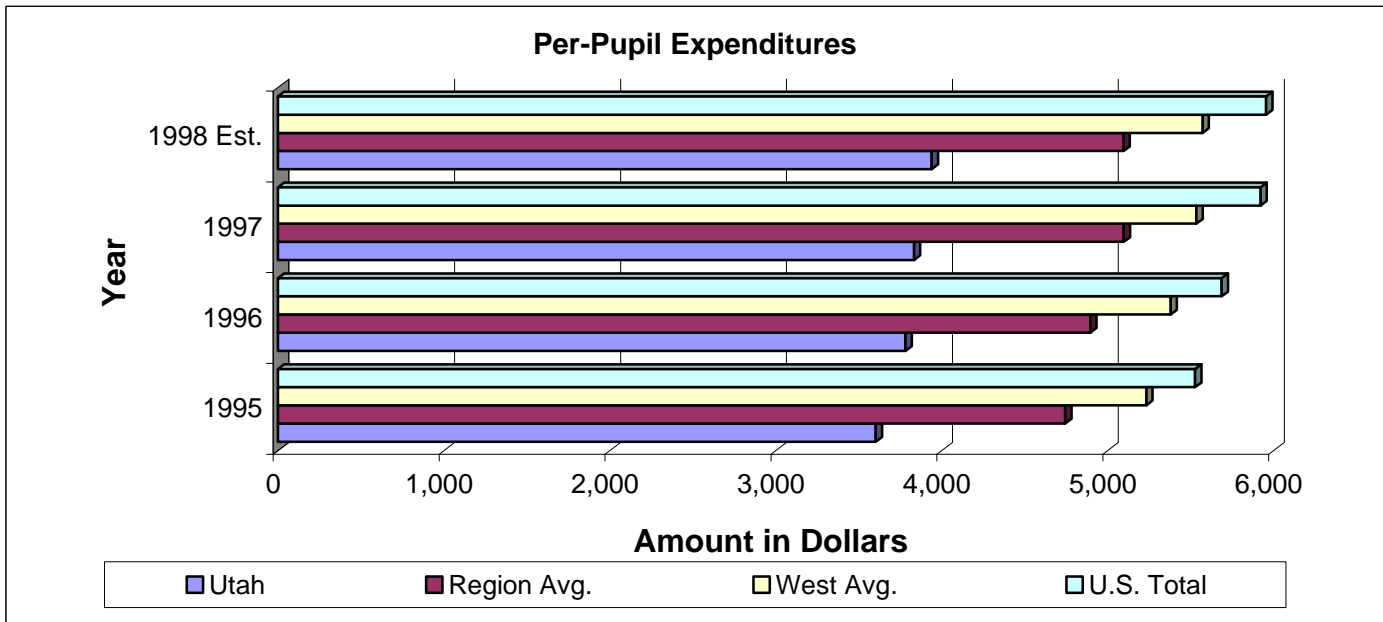
Fiscal Year	Utah	% Change	National	% Change	Utah/National Difference
1989	2,430	5.55%	4,307	9.68%	-1,877
1990	2,593	6.73%	4,635	7.62%	-2,042
1991	2,779	7.15%	4,902	5.76%	-2,123
1992	2,855	2.73%	5,023	2.47%	-2,168
1993	2,984	4.52%	5,170	2.93%	-2,186
1994	3,261	9.29%	5,455	5.51%	-2,194
1995	3,432	5.24%	5,623	3.08%	-2,191
1996	3,783	0.22%	5,689	1.73%	-1,906
1997	3,834	1.34%	5,923	4.11%	-2,089
1998	3,941	2.79%	5,957	0.57%	-2,016



Source: USOE, School Finance and Statistics Section, NCES, Common Core of Data,

Per Pupil Expenditures
[in thousands of dollars]

		Year				
State		1995	1996	1997	1998 Est.	
West	Region	Utah	3,604	3,783	3,834	3,941
		Arizona	4,476	4,413	4,913	4,628
		Colorado	5,121	5,312	4,871	4,946
		Idaho	4,194	4,447	5,551	4,337
		Montana	5,249	5,481	5,746	5,994
		Nevada	4,892	5,084	5,106	5,085
		New Mexico	4,604	4,682	4,719	5,486
		Wyoming	5,826	5,971	6,052	6,368
		Alaska	8,189	8,231	8,662	8,461
		California	4,937	5,260	5,493	5,789
		Hawaii	5,560	5,633	5,348	5,384
		Oregon	5,790	5,920	6,038	6,436
		Washington	5,611	5,734	5,639	5,601
		Region Avg.	4,746	4,897	5,099	5,098
		West Avg.	5,235	5,381	5,536	5,574
	U.S. Total	5,529	5,689	5,923	5,957	



Source: USOE, Finance and Statistics Section, NCES, Common Core of Data, and American Federation of Teachers.

Rating of Teacher Quality: The Western United States

A Comparison of The Western States: Evaluation, Recruitment, and Training of Teachers

	Utah	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Wyoming
<u>Testing Future Teachers</u>								
State Requires Basic Skills Test for Teaching Candidates	N	Y	Y	N	Y	Y	Y	N
Principal Evaluates New Teacher Performance	Y	N	N	N	N	N	Y	N
State Mandates Induction Program(s) for Beginning Teachers	Y	N	Y	Y	N	N	Y	N
<u>State Requires Subject Test for all High School Candidates:</u>								
English/Language Arts	N	Y	Y	N	N	Y	N	N
Math	N	Y	Y	N	N	Y	N	N
History/ Social Studies	N	Y	Y	N	N	Y	N	N
General Science	N	Y	Y	N	N	Y	N	N
<u>Limiting Out Of Field Teaching</u>								
State Requires Middle School Teachers to Have Subject Specific Certificates	Y	N	Y	N	N	N	N	N
State Requires High School Teachers to Have Subject Specific Certificates	Y	Y	Y	Y	Y	Y	Y	Y
<u>% Secondary Teachers Without a Major in their Primary Assignment</u>								
<u>Grades 7-12:</u>								
English/Language Arts	27	35	9	31	25	15	24	25
Math	45	39	35	54	23	26	31	22
History/ Social Studies	39	35	39	27	21	14	40	19
General Science	34	27	22	23	24	12	29	20
<u>Incentives and Recruitment:</u> State has one or more programs that offer college scholarships, forgivable college loans, or loan assumption to prospective teachers.								
High Achieving Candidates	Y	N	N	N	N	N	Y	N
Minority Candidates	Y	N	N	N	N	N	N	N
Hard-to-Staff Schools	N	N	N	N	N	N	N	N
Specific Subject Areas	Y	N	N	N	N	N	N	N
<u>Improving Teacher Quality</u>								
<u>State Requires Written Tests for Beginning Teachers:</u>								
Basic Skills	N	Y	Y	N	Y	Y	Y	N
Subject Knowledge	N	Y	Y	N	N	Y	N	N
Subject Specific Pedagogy	N	Y	N	N	N	Y	N	N
% Secondary Teachers Who Hold Degree in Subject They Teach	60	58	66	56	64	66	52	72

Source: Who Should Teach?; Education Week: Volume XIX, Number 18: January 13,2000.

**Section IV.
Assessment &
Educational Standards**

Utah Statewide Testing Program
 State Median Percentile Ranks for the Major Subtests
 1997-1999
 Stanford Achievement Test, Ninth Edition

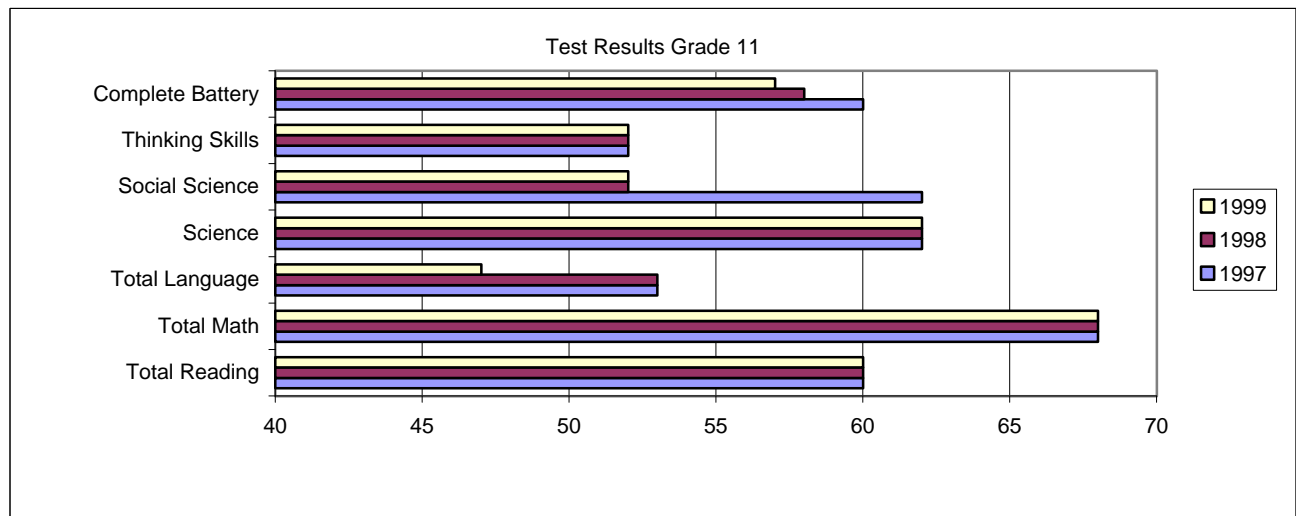
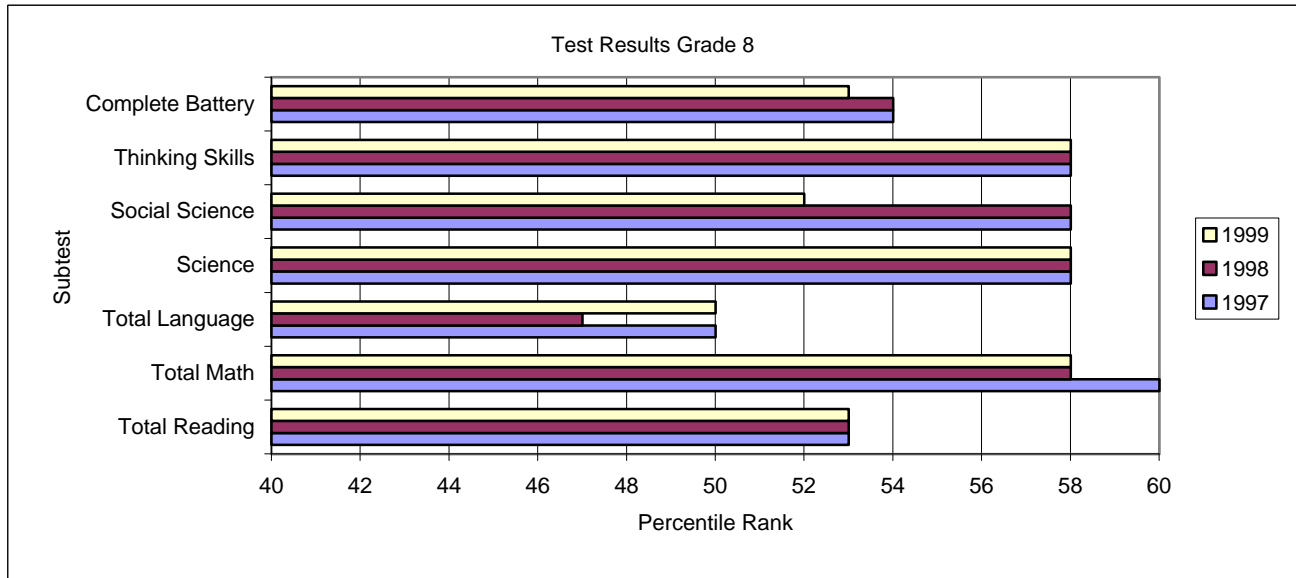
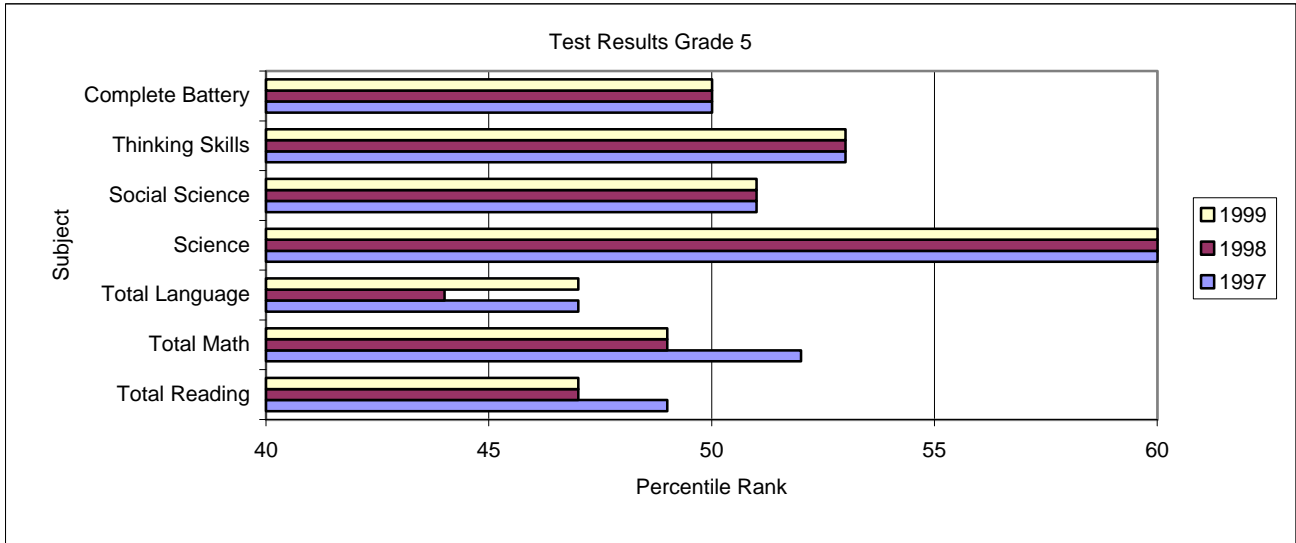
Subtest	Grade 5			Grade 8			Grade 11		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
Total Reading	49	47	47	53	53	53	60	60	60
Total Math	52	49	49	60	58	58	68	68	68
Total Language	47	44	47	50	47	50	53	53	47
Science	60	60	60	58	58	58	62	62	62
Social Science	51	51	51	58	58	52	62	52	52
Thinking Skills	53	53	53	58	58	58	52	52	52
Complete Battery	50	50	50	54	54	53	60	58	57
Students Tested	33,823			34,053			32,934		

The National Norm is 50 for Each Subtest.

1999 State Special Education Summary

Subtest	Grade 5	Grade 8	Grade 11
	1999	1999	1999
Total Reading	12	12	19
Total Math	14	14	31
Total Language	12	8	8
Science	23	19	27
Social Science	16	15	27
Thinking Skills	16	12	19
Complete Battery	16	15	22
Students Tested	3,156	2,390	1,523

Source: USOE, School Evaluation and Assessment Section.



Utah and National ACT Scores

1997-1999

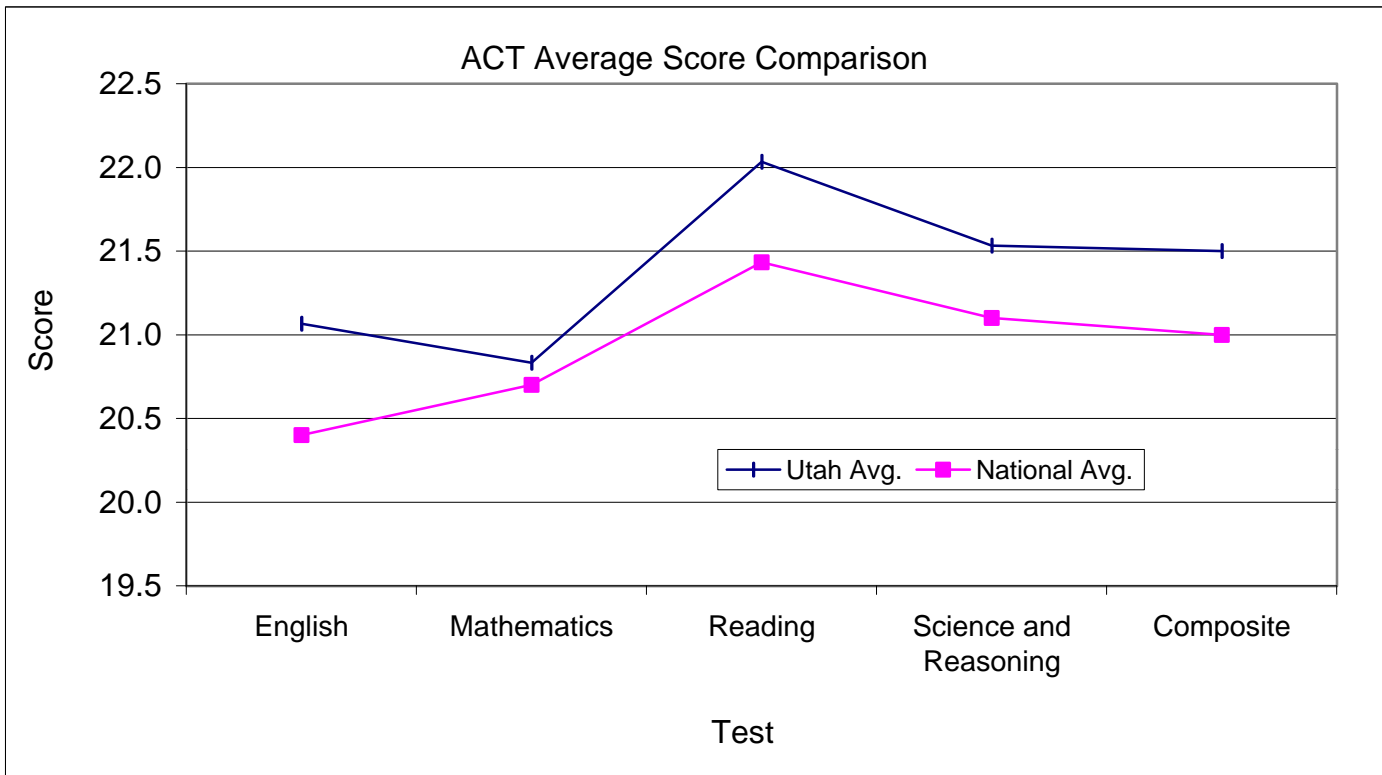
Test	Utah			Utah Avg.	Nation			National Avg.
	1997	1998	1999*		1997	1998	1999*	
English	21.1	21.1	21.0	21.1	20.3	20.4	20.5	20.4
Mathematics	20.8	21.0	20.7	20.8	20.6	20.8	20.7	20.7
Reading	22.0	22.1	22.0	22.0	21.3	21.6	21.4	21.4
Science and Reasoning	21.6	21.7	21.3	21.5	21.2	21.1	21.0	21.1
Composite	21.5	21.6	21.4	21.5	21.0	21.0	21.0	21.0

* Utah score averages are based on Utah students from the graduating class of 1999, taking the ACT on the five national test dates (22,190 students).

* National score averages are for students in the graduating class of 1999 taking the ACT on the five national test dates (1,019,053 students).

* ACT scores are based on a scale with 1 as the low and 36 as the high.

Source: USOE, School Evaluation and Assessment Section.



Rating of Educational Standards: The Western United States

An Evaluation of Educational Standards, and Educational Environments

	Utah	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Wyoming
All Students Achieving at High Levels: Students who scored at least at "proficient on th 1996 NAEP.								
4th Grade Math	23	15	22	?	22	14	13	19
8th Grade Math	24	18	23	?	32	?	14	22
4th Grade Reading	24	24	28	?	35	?	21	32
8th Grade Science	32	23	32	?	41	?	19	34
% High Schools Offering Advanced Placement '99	74	56	51	48	36	47	49	33
% 8th Graders Taking Algebra '96	43	29	29	?	23	?	23	24
% Students Taking Upper Level Mathematics '98	50	?	?	41	?	32	34	?
% Students Taking Upper Level Science '98	30	?	?	16	?	25	21	?
High School Graduates Enrolling in 2-4 yr. College '96	51	48	53	46	56	40	56	53
School Climate Conducive to Learning:								
% 4th Graders in Classes of 25 Students or Less '98	36	49	60	?	77	35	94	91
% 8th Graders in Math Classes of 25 Student or Less '96	21	35	36	?	60	?	53	74
% Students in High Schools Less Than 900 Students '98	18	18	27	47	57	17	27	58
% Students in Middle Schools Less Than 600 Students '98	12	22	36	34	77	11	36	53
% Students in Elementary Schools Less Than 350 Students '97	6	8	24	27	60	6	21	71
% 8th Graders Reporting Gang Activities are a Serious or Moderate Problem ' 98	7	9	6	?	0	5	23	0
% 8th Graders Reporting a Serious Vandalism Problem '98	7	10	5	?	6	6	10	3
% High School Students Who Felt too Unsafe to Go to School in the Past 30 Days '97	4.6	?	?	?	4.4	5.7	?	4.3
% High School Students Who Carried a Weapon on School Property in the Past 30 Days '97	11.2	?	?	?	12.4	10.1	?	13.1
Resources: Adequacy, Allocation, and Equity								
% Total Taxable Resources Spent on Education '96	4.2	3.6	3.3	4.1	4.8	3.1	3.8	3.9
% Annual Expenditure Spent on Instruction '96	67	57.7	61.6	63.1	62.3	59.3	57.5	62
Relative Inequity in Spending per Student among Districts '95	10.8%	14.6%	10.2%	14.3%	16.5%	9.8%	12.9%	13.6%
Teachers as Percentage of Total Staff '97	52.7	51	51.1	57.8	54.4	58.1	49	50.5
% Schools Reporting at Least one Building in Inadequate Condition '94	34	41	32	32	20	23	30	24
Dollar Gap Between Districts at 5th and 95th Percentiles in Spending '96	\$2,283	\$2,522	\$2,497	\$2,344	\$3,643	\$4,049	\$2,469	\$4,072

Source: Quality Counts '99; Education Week: Volume XVIII, Number 17: January 11,1999. Who Should Teach: Education Week: Volume XIX, Number 18: January 13, 2000.

1998 Utah and National ACT Scores

For High school Graduates Who Took A
Rigorous* Program Versus Other Graduates

Test	Utah		Nation	
	Rigorous Program Students	Other Students	Rigorous Program Students	Other Students
English	22.3	20.2	21.5	18.6
Mathematics	22.0	20.1	22.0	18.9
Reading	23.0	21.3	22.4	19.7
Science/ Reasoning	22.5	21.0	22.0	19.6
Composite	22.6	20.8	22.1	19.3
Number of Students	10,095	12,022	606,406	354,306

1999 Utah and National ACT Scores

For High school Graduates Who Took A
Rigorous* Program Versus Other Graduates

Test	Utah		Nation	
	Rigorous Program Students	Other Students	Rigorous Program Students	Other Students
English	22.2	20.1	21.6	18.7
Mathematics	21.8	19.9	21.8	18.9
Reading	23.0	21.2	22.4	19.8
Science/ Reasoning	22.2	20.6	21.9	19.6
Composite	22.4	20.6	22.0	19.4
Number of Students	9,468	12,114	615,545	367,537

Source: USOE, School Evaluation and Assessment Section

* A rigorous Program Included at least the following in grades 9-12
English: 4 years; Math: 3 years; Social Studies: 3 years; Science: 3 years

Analysis of ACT Subscores

1997-1999

Test	Subscore	Utah			Nation		
		1997	1998	1999	1997	1998	1999
English	A. Usage and Mechanics	10.4	10.5	10.4	10.0	10.2	10.2
	B. Rhetorical Skills	11.0	11.1	11.0	10.5	10.5	10.6
Reading	A. Social Studies and Science	11.0	11.1	11.1	10.6	10.6	10.7
	B. Arts and Literature	11.5	11.4	11.4	11.1	11.2	11.1
Mathematics	A. Pre Algebra and Ele. Algebra	10.8	11.0	10.9	10.7	10.9	10.9
	B. Intermediate Algebra/ Coordinate Geometry	10.2	10.4	10.2	10.1	10.2	10.1
	C. Plane Geometry/ Trigonometry	10.7	10.8	10.6	10.6	10.7	10.6

* ACT subscores are based on a scale which ranges from 1 to 18 for an individual student.

Source: USOE, School Evaluation and Assessment Section.

ACT Composite Score Averages

Ten Year Trends 1989-1999

Utah and National Comparisons

Year	Utah	Nation
1990	21.0	20.6
1991	21.0	20.6
1992	21.1	20.6
1993	21.1	20.7
1994	21.3	20.8
1995	21.4	20.8
1996	21.4	20.9
1997	21.5	21.0
1998	21.6	21.0
1999	21.4	21.0

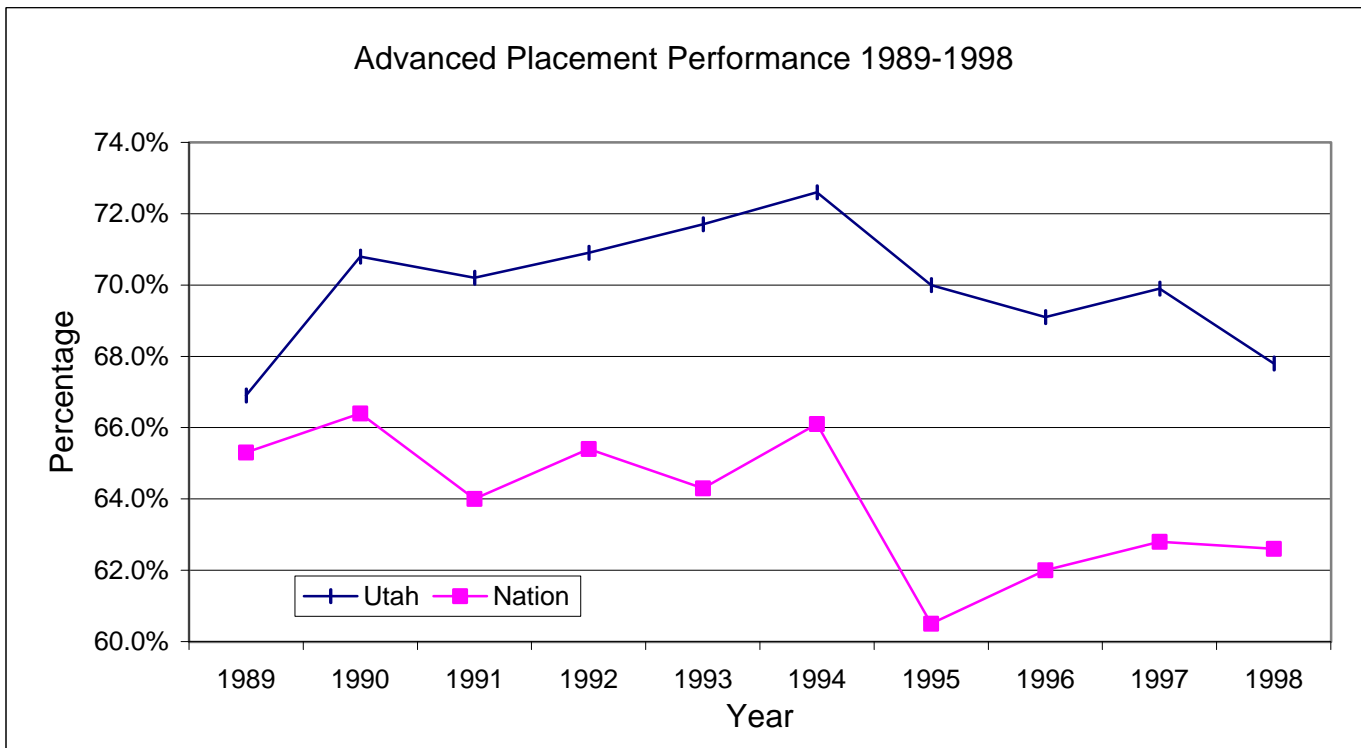
Source: USOE, School Evaluation and Assessment Section.

Utah Advanced Placement Participation and Performance

Ten Year Comparison 1989-1998

Year	Total Students	Total Exams Taken	Percentage Qualifying*	
			Utah	Nation
1989	6,568	10,030	66.9%	65.3%
1990	6,585	10,126	70.8%	66.4%
1991	7,596	11,586	70.2%	64.0%
1992	8,669	13,260	70.9%	65.4%
1993	9,436	14,318	71.7%	64.3%
1994	10,238	15,938	72.6%	66.1%
1995	10,110	15,907	70.0%	60.5%
1996	10,349	16,123	69.1%	62.0%
1997	11,343	17,796	69.9%	62.8%
1998	11,427	17,987	67.8%	62.6%

* Percentage of exams with a grade of 3 or higher

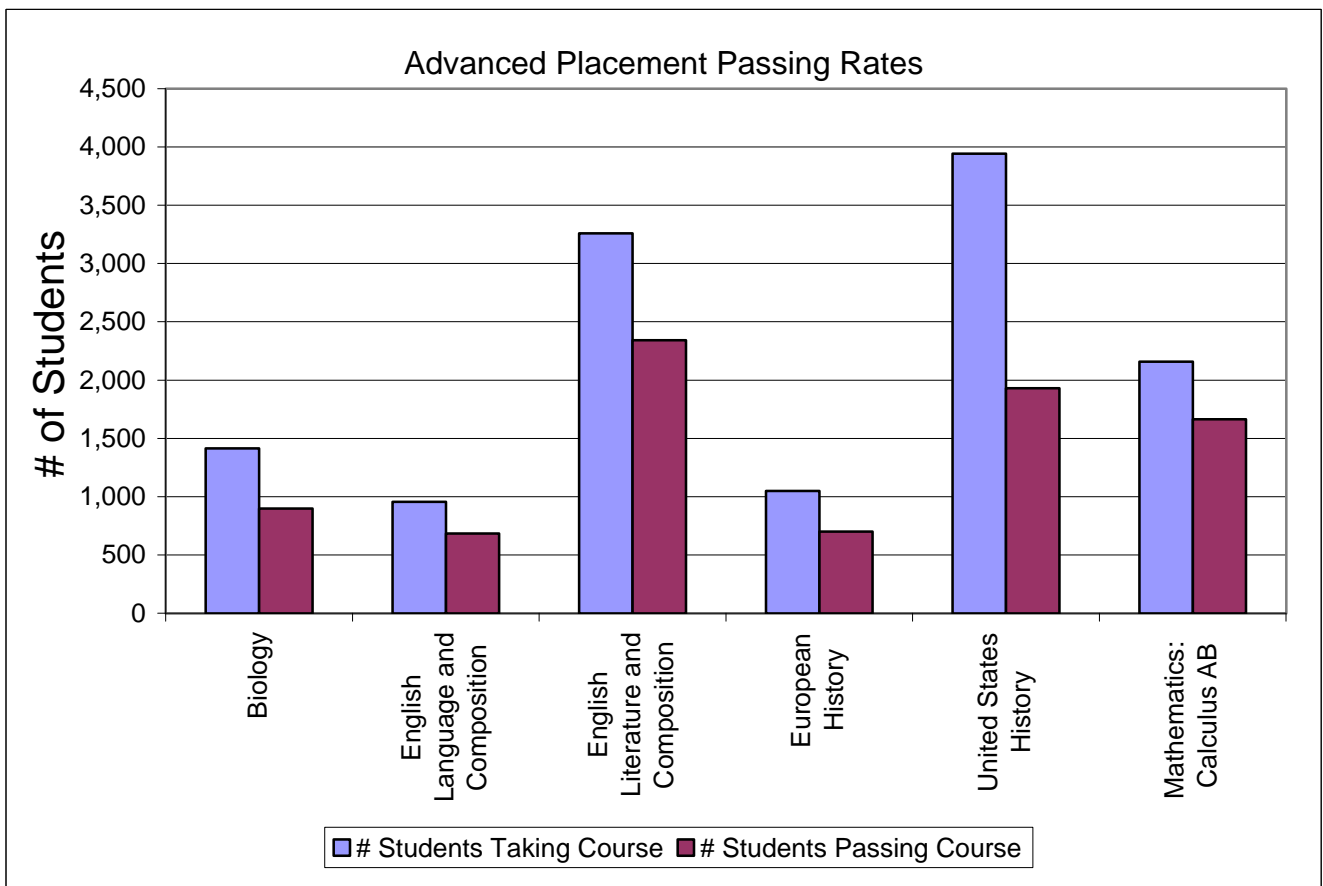


Passing Rates in Selected* Advanced Placement Courses

Test Year 1998

Course	# Students Taking Course	# Students Passing Course	% Students Passing Course
Biology	1,415	899	64%
English Language and Composition	956	683	71%
English Literature and Composition	3,258	2,341	72%
European History	1,050	701	67%
United States History	3,942	1,931	49%
Mathematics: Calculus AB	2,158	1,664	77%

* These are the Courses, among a total of 32, that were taken most frequently by students.



Source: USOE, School Evaluation and Assessment Section.

**Section V.
School Technology &
Other Miscellaneous Items**

School Technology: A Western State Comparison

for School Year 1999

Evaluating Student Access to Technology and Teachers Capacity to use Technology

	Utah	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Wyoming
State Policies on Buying Digital Content: Group Purchasing Program*	Yes	N/A	Yes	Yes	N/A	Yes	N/A	N/A
State Policies on Teacher Technology Training: State Requirement	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
Students Per:								
Instructional Computer	6.0	5.8	5.3	5.3	4.4	7.3	5.5	3.5
Instructional Multimedia Computer	14.1	11.7	9.7	9.1	8.4	12.2	7.5	6.9
Internet Connected Computer	10.0	11.3	12.9	10.8	13.9	15.7	13.9	10.0
<u>% Students in Schools that Make Computers Available in all Classrooms</u>								
4th Grade	62	84	85	N/A	88	64	82	84
8th Grade	28	43	46	N/A	30	24	37	55
<u>% Students in Schools that Make Computers Available in a Lab</u>								
4th Grade	98	90	93	N/A	83	86	85	98
8th Grade	97	92	98	N/A	99	85	94	93
<u>Connectivity</u>								
% of Schools with Internet Access	96	87	95	97	88	81	85	91
<u>Planning and Evaluation</u>								
% Districts that Report Teacher Tech. Training	38	25	21	N/A	N/A	29	38	21
% Districts that Keep Track of Tech. Available in Schools	96	92	94	N/A	N/A	94	97	94
% Districts that Keep Track of how Teachers use Technology	46	58	39	N/A	N/A	59	55	38
% Districts that Keep Track of how Students use Technology	46	64	47	N/A	N/A	59	64	40
<u>Expertise and Training</u>								
% Districts that Offer Incentives to Teachers for using Technology	79	40	44	N/A	N/A	63	63	60
Hours of Technology Training for Typical Teacher	9	12	13	N/A	N/A	10	14	11
% Schools where the Majority of Teachers are at or above Intermediate Technology use skill level	37	44	61	72	67	41	35	23

* State has a group-purchasing program for instructional software in which all schools can participate.

Source: Technology Counts '99; Education Week: Volume XIX, Number 4, September 23, 1999.

Public Education
Comparative Statistical Data
Utah 1995 - 2000

Category	Est. 2000	Est. 1999	1998	1997	1996	1995
1. Fall Enrollment	475,832	475,988	477,061	479,151	478,028	477,121
2. Region Ave.	409,979	390,773	384,793	393,868	384,302	372,519
3. Education Spending Increase	\$46,391,089	\$104,066,712	\$54,993,000	\$163,340,000	\$101,735,000	\$106,842,000
4. Region Ave.		136,650,871	136,887,500	127,897,125	87,150,625	119,453,750
5. Education Spending as % of total Budget	31.7%	31.6%	31.4%	34.1%	33.8%	33.5%
6. Average Teacher Salary			\$34,889	\$33,631	\$32,498	\$30,866
7. Region Ave.			34,073	33,328	32,669	31,396
8. U. S. Ave.			39,347	38,415	37,594	36,874
9. State Employee Ave. Salary	33,220	32,176	29,858	29,629	27,395	27,541
10. Non Ag. Ave. Wage	28,368	27,330	26,482	25,343	24,198	23,236

Data Sources: Utah Department of Workforce Services, Labor Market Information Services
National Association of State Budget Officers, 1998 State Expenditure Report, June 1999
U.S. Census Bureau, the Official Statistics, Statistical Abstract of the United States, 1998
National Education Association, Washington, DC, Estimates of School Statistics Database
U.S. National Center for Education Statistics, Digest of Education Statistics, annual
U.S. National Center for Education Statistics, Common core of Data Surveys
Utah State Office of Education: School Finance and Statistics
Office of the Legislative Fiscal Analyst: Annual Appropriations Reports
American Federation of Teachers annual surveys of state departments of Education
1999 Economic Report to the Governor, State of Utah

Region: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

How Utah Ranks

Assorted State Information:

Data Set	Utah	U.S.	Utah's Rank Among The States	Utah's Rank Among Western States
Salary Information:				
Percent Change in Average Salary of Classroom Teachers: (1994-98) (Adjusted to Constant 1998 Dollars)	8.1	0.2	2	1
Percent Change in Average Salary of Classroom Teachers: (1989-98) (Adjusted to Constant 1998 Dollars)	9.7	1.3	4	2a
Percent Change in Average Salary of Classroom Teachers: (1979-98) (Adjusted to Constant 1998 Dollars)	5.7	16.7	42	5
Demographics in 1997:				
1. Population under 5 (As a percentage of Total Population)	9.5	7.2	1	1
2. Population 5-17	23.9	18.8	1	1
3. Population 18-64	57.8	61.3	50	8
4. Population 65+	8.7	12.7	50	8
5. Dependents per 100 of Working Age	72.9	63.2	2	1
6. Pre-School per 100 of Working Age	16.4	11.7	1	1
7. School Age per 100 of Working Age	41.3	30.7	1	1
8. Retirement Age per 100 of Working Age	15.1	20.8	50	8

Western States comprise: Utah, Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, and Wyoming.

a: Tied with Idaho.

Sources: Morgan Quitno Press and National Education Association; U.S. Department of Commerce, Bureau of the Census, Population Estimates Branch.

Educational Attainment 1997, 1998
In Percent for Persons 25 years of Age and Over
High School Graduate or More

State	1997	1998	Utah's Rank Among The States	Utah's Rank Among Western States
Utah	89.5	89.3	6	3
Arizona	82.6	81.9	35	7
Colorado	87.6	89.6	4	2
Idaho	85.7	82.7	33	6
Montana	88.6	89.1	8	4
Nevada	85.4	89.1	8	4
New Mexico	78.0	79.6	42	8
Wyoming	91.3	90.0	3	1
U.S. Total	82.1	82.1	-	-

Western States comprise: Utah, Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, and Wyoming.

Source: U.S. Bureau of the Census.

Selected Dropout Data for Western States
1996-97 School Year

	Grade 9-12 No. of Dropouts	Grade 9-12 Percent Dropouts	Percent Dropouts Who Were Male	Percent Dropouts Who Were Minority
Utah	6,807	4.5	52.9	20.8
Arizona	NA	NA	NA	NA
Colorado	NA	NA	NA	NA
Idaho	NA	NA	NA	NA
Montana	2,140	5.1	56.9	18.6
Nevada	7,600	10.2	54.5	43.8
New Mexico	7,230	7.5	55.8	72.4
Wyoming	1,963	6.2	57.2	17.8

Western States comprise: Utah, Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, and Wyoming.

Source: U.S. Department of Education.