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ABSTRACT

The estimates in this publication are key statistics reported before the close of the 1996-97 school year. They include the number of students in membership, teachers, and high school graduates for public elementary and secondary schools, and total revenues and expenditures for the operation of public elementary and secondary schools. The public school estimates consist of three kinds of data: preliminary actual counts for individual states; estimates derived by the states for the National Center for Education Statistics (NCES); and estimated values developed by the NCES using a combination of state-specific and national data. These data show that there were approximately 45.2 million students in the nation's public elementary and secondary schools in fall 1996, compared with 44.7 million in fall 1995. These students were taught by an estimated 2.6 million teachers in this school year. Student enrollment and teacher count data yield student-to-teacher ratios of 17.2 for public schools for the 1996-97 school year. An estimated 2.3 million students graduated from public high schools in the 1995-96 school year, and an additional 2.4 million were expected to graduate in the 1996-97 school year. Revenues for public elementary and secondary education in fiscal year 1996 were estimated to be \$285.5 billion, and they were expected to rise to approximately \$229.1 billion in fiscal year 1997. The per-pupil expenditure for public education was anticipated to be \$6,060 per student in membership for the 1996-97 school year. (Contains seven tables.) (Author/SLD)

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Early Estimates

July 1997

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## Public Elementary and Secondary Education Statistics: School Year 1996-97

ED 410 307

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**Early Estimates**

**July 1997**

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**Public Elementary  
and Secondary  
Education Statistics:  
School Year 1996–97**

Lena M. McDowell  
Surveys and Cooperative Systems Group  
National Center for Education Statistics

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**U.S. Department of Education  
Office of Educational Research and Improvement**

**NCES 97-554**

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## Highlights

The estimates in this publication are key statistics reported before the close of the 1996–97 school year. They include the number of students in membership, teachers, and high school graduates for public elementary and secondary schools, and total revenues and expenditures for the operation of public elementary and secondary schools. The public school estimates consist of three kinds of data: preliminary actual counts for individual states; estimates derived by the states for the National Center for Education Statistics (NCES); and estimated values developed by NCES using a combination of state-specific and national data.

- There were approximately 45.2 million students in the nation's public elementary and secondary schools in fall 1996 compared with 44.7 million in fall 1995. Student membership has increased by 2.5 million since fall 1992 (table 1).
- Public school students were taught by an estimated 2.6 million teachers this school year, 1996–97 (table 2).
- The student membership and teacher count data yield pupil-to-teacher ratios for grade levels prekindergarten through 12 of 17.2 for public schools in school year 1996–97 (table 7).
- An estimated 2.3 million public school students graduated from high school in the 1995–96 school year. An additional 2.4 million students are expected to graduate from high school in the 1996–97 school year (table 3).
- Revenues for public elementary and secondary education in fiscal year 1996 are estimated to be \$285.5 billion (table 4), and they are expected to rise to approximately \$299.1 billion in fiscal year 1997. The per-pupil expenditure for public education is anticipated to be \$6,060 per student in membership for the 1996–97 school year (table 7).

## **The Early Estimates System**

The early estimates system is designed to allow NCES to report selected key statistics in January of the school year. The information is collected through contact with public school state education agencies.

The source of universe statistical information about public elementary and secondary education is the Common Core of Data (CCD)—data collected annually by NCES from state education agencies. For most CCD surveys, these data are reported to NCES from March through September, after which they undergo NCES and state editing, and are adjusted for missing data. High school graduate and fiscal data are reported a year later than student and teacher data. In contrast, the estimates included in this report were reported in March of the school year to which they apply.

Forty-six states and three outlying areas participated in the public school early estimates survey. The estimates reported here were provided by state education agencies and represent the best information on public elementary and secondary schools available to states at this stage of the school year. They are, however, subject to revision. The estimates for the remaining four states (Arizona, Massachusetts, New Jersey, and Vermont), the District of Columbia, and two outlying areas (American Samoa and Guam), were estimated by NCES. Due to adjustments made for missing data in other NCES publications, "reported" numbers shown in this publication may differ from other published data.



Table 1.--Membership in public elementary and secondary schools, by state, for grades prekindergarten through 12: Fall 1992 to fall 1996

State	Reported Fall 1992	Reported Fall 1993	Reported Fall 1994	Reported Fall 1995	Estimated fall 1996
United States	42,739,364	43,379,912	44,016,678	44,742,740	45,228,526 a/
Alabama	723,410	726,024	727,480	736,825	741,933
Alaska	122,487	125,948	127,057	127,618	126,015
Arizona	673,477	709,453	737,424	743,566	749,759 a/
Arkansas	441,430	444,271	447,565	453,257	457,076
California	5,195,777	5,267,277	5,341,025	5,467,224	5,535,312
Colorado	612,635	625,062	640,521	656,279	673,438
Connecticut	488,476	496,298	506,824	517,935	523,054
Delaware	104,321	105,547	106,813	108,461	110,549 b/
District of Columbia	80,937	80,678	80,450	79,802	79,159 a/
Florida	1,981,407	2,040,763	2,111,188	2,176,222	2,240,283
Georgia	1,207,186	1,235,304	1,270,948	1,311,126	1,321,239
Hawaii	177,448	180,410	183,795	187,180	188,485 b/
Idaho	231,668	236,774	240,448	243,097	245,252 b/
Illinois	1,873,567	1,893,078	1,916,172	1,943,623	1,961,299
Indiana	960,630	965,633	969,022	977,263	984,610
Iowa	494,839	498,519	500,440	502,343	504,511
Kansas	451,536	457,614	460,838	463,008	465,140
Kentucky	655,041	655,265	657,642	659,821	663,071
Louisiana	797,985	800,560	797,933	797,366	777,570 b/
Maine	216,453	216,995	212,601	213,569	218,560 b/
Maryland	751,850	772,638	790,938	805,544	818,947
Massachusetts	859,948	877,726	893,727	915,007	936,794 a/
Michigan	1,603,610	1,599,377	1,614,784	1,641,456	1,662,100
Minnesota	793,724	810,233	821,693	835,166	836,700
Mississippi	506,668	505,907	505,962	506,272	504,168 b/
Missouri	859,357	866,378	878,541	889,881	883,327 b/
Montana	160,011	163,009	164,341	165,547	166,909
Nebraska	282,414	285,097	287,100	289,744	292,121
Nevada	222,974	235,800	250,747	265,041	282,131
New Hampshire	181,247	185,360	189,319	194,171	194,581 b/
New Jersey	1,130,560	1,151,307	1,174,206	1,197,381	1,221,013 a/
New Mexico	315,668	322,292	327,248	329,640	330,522
New York	2,689,686	2,733,813	2,766,208	2,813,230	2,825,000
North Carolina	1,114,083	1,133,231	1,156,767	1,183,090	1,199,962 b/
North Dakota	118,734	119,127	119,288	119,100	118,427 b/
Ohio	1,795,199	1,807,319	1,814,290	1,836,015	1,841,095
Oklahoma	597,096	604,076	609,718	616,393	620,379
Oregon	510,122	516,611	521,945	527,914	537,783 b/
Pennsylvania	1,717,613	1,744,082	1,764,446	1,787,533	1,807,250
Rhode Island	143,798	145,676	147,487	149,799	151,181
South Carolina	633,420	636,452	640,753	637,519	648,980
South Dakota	134,573	142,825	143,482	144,685	142,910 b/
Tennessee	845,618	857,015	870,594	882,602	891,101
Texas	3,541,769	3,608,262	3,677,171	3,748,167	3,809,186
Utah	463,870	471,365	474,675	477,121	478,085 b/
Vermont	98,558	102,755	104,533	105,565	106,607 a/
Virginia	1,031,925	1,045,471	1,060,809	1,079,854	1,096,093 b/
Washington	896,475	915,952	938,314	956,572	971,903 b/
West Virginia	318,296	314,383	310,511	307,112	303,441 b/
Wisconsin	829,415	844,001	860,581	870,175	884,738 b/
Wyoming	100,313	100,899	100,314	99,859	98,777 b/
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Outlying Areas					
American Samoa	13,994	14,484	14,445	14,576	14,708 a/
Guam	30,077	30,920	32,185	32,960	33,754 a/
Northern Marianas	8,086	8,188	8,429	8,809	8,253 b/
Puerto Rico	637,034	631,460	621,121	627,620	613,009
Virgin Islands	22,887	22,752	23,126	22,737	22,146

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by states.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications.

All fall 1996 data are state estimates, except where noted.

Estimates are as of March 1997.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.

Table 2.--Number of teachers in public elementary and secondary schools, by state, for grades prekindergarten through 12: School years 1992-93 to 1996-97

State	Reported 1992-93	Reported 1993-94	Reported 1994-95	Reported 1995-96	Estimated 1996-97
United States	2,455,695	2,500,291	2,547,951	2,594,432	2,633,516 a/
Alabama	41,567	42,550	42,339	44,056	42,492 b/
Alaska	7,282	7,193	7,205	7,379	7,644
Arizona	36,076	37,493	38,132	38,017	38,509 a/
Arkansas	25,978	26,014	26,181	26,449	29,194
California	215,738	218,497	221,699	227,224	228,028
Colorado	33,419	33,661	34,894	35,388	35,900
Connecticut	34,193	34,526	35,316	36,070	36,800
Delaware	6,252	6,380	6,416	6,463	6,642
District of Columbia	6,064	6,056	6,110	5,305	5,286 a/
Florida	107,590	110,653	110,674	114,938	120,450
Georgia	66,942	74,172	77,914	79,480	81,683
Hawaii	10,083	10,111	10,240	10,500	10,675
Idaho	11,827	12,007	12,582	12,784	13,059
Illinois	111,461	110,874	110,830	113,538	115,859
Indiana	54,552	55,107	55,496	55,821	56,412
Iowa	31,403	31,616	31,726	32,318	32,549
Kansas	29,753	30,283	30,579	30,729	30,750
Kentucky	37,868	37,324	38,784	39,120	39,235
Louisiana	46,904	46,913	47,599	46,980	48,047
Maine	15,375	15,344	15,404	15,392	14,458
Maryland	44,495	44,171	46,565	47,819	47,005
Massachusetts	57,225	58,766	60,489	62,710	64,497 a/
Michigan	82,301	80,267	80,522	83,179	84,200
Minnesota	45,050	46,956	46,958	46,971	47,600
Mississippi	27,829	28,376	28,866	28,997	29,237
Missouri	52,984	54,860	56,606	57,951	59,222
Montana	10,135	9,950	10,079	10,076	10,110
Nebraska	19,323	19,616	19,774	20,028	20,109 b/
Nevada	11,953	12,579	13,414	13,878	14,723
New Hampshire	11,654	11,972	12,109	12,346	12,394
New Jersey	83,057	84,564	85,258	86,706	88,822 a/
New Mexico	17,912	18,404	19,025	19,398	19,608 b/
New York	176,375	179,413	182,273	181,559	185,063
North Carolina	66,630	69,421	71,592	73,201	73,839
North Dakota	7,794	7,755	7,796	7,501	7,706
Ohio	106,233	107,444	109,085	107,347	104,583
Oklahoma	38,433	39,031	39,406	39,364	39,350
Oregon	26,634	26,488	26,208	26,680	26,757
Pennsylvania	100,912	101,301	102,988	104,921	106,400
Rhode Island	10,069	9,823	10,066	10,482	10,586
South Carolina	37,295	38,620	39,437	39,922	40,640
South Dakota	8,767	9,557	9,985	9,641	9,474
Tennessee	43,566	46,066	47,406	53,403	51,369
Texas	219,385	224,830	234,213	240,371	247,526
Utah	19,191	19,053	19,524	20,039	20,224 b/
Vermont	7,521	8,102	7,566	7,676	7,787 a/
Virginia	68,181	70,220	72,350	74,568	80,896
Washington	44,295	45,524	46,439	46,907	47,479 b/
West Virginia	20,961	21,029	21,024	21,073	20,642
Wisconsin	53,387	52,822	54,054	55,033	55,296
Wyoming	5,821	6,537	6,754	6,734	6,700
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Outlying Areas					
American Samoa	725	656	698	728	738 a/
Guam	1,628	1,644	1,826	1,802	1,854 a/
Northern Marianas	425	431	406	422	421 b/
Puerto Rico	38,381	39,816	39,933	39,328	39,748
Virgin Islands	1,595	1,570	1,528	1,622	1,603

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by states.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications. All school year 1996-97 data are state estimates, except where noted. Estimates are as of March 1997.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.

Table 3.--Number of public high school graduates, by state: School years 1992-93 to 1996-97

State	Reported 1992-93	Reported 1993-94	Reported 1994-95	Estimated 1995-96	Estimated 1996-97
United States	2,234,649	2,220,849	2,273,541	2,292,528 a/	2,358,085 a/
Alabama	36,007	34,447	36,268	35,043 b/	35,253
Alaska	5,535	5,747	5,765	5,709	6,376
Arizona	31,747	31,799	30,989	30,995 a/	31,815 a/
Arkansas	25,655	24,990	24,636	24,628	24,874
California	249,320	253,083	255,200	262,441	265,400
Colorado	31,839	31,867	32,409	32,607 b/	34,688
Connecticut	26,799	26,330	26,445	26,445 b/	26,560
Delaware	5,492	5,230	5,234	5,609 b/	5,822
District of Columbia	3,136	3,207	2,974	2,926 a/	2,955 a/
Florida	89,428	88,032	89,827	89,242	96,070
Georgia	57,602	56,356	56,660	57,797 b/	59,421
Hawaii	8,854	9,369	9,407	9,993	10,143
Idaho	12,974	13,281	14,198	14,667 b/	15,562
Illinois	103,628	102,126	105,164	104,626 b/	107,766
Indiana	56,982	54,650	56,058	56,575	57,720
Iowa	30,677	30,247	31,268	31,689 b/	32,479
Kansas	24,720	25,319	26,125	25,803 b/	26,450
Kentucky	36,361	38,454	37,626	37,245	37,453
Louisiana	33,682	34,822	36,480	36,881 b/	36,620 a/
Maine	12,103	11,384	11,501	13,470 b/	13,250
Maryland	39,523	39,091	41,387	41,785 b/	42,482
Massachusetts	48,321	47,453	47,679	48,421 a/	50,464 a/
Michigan	85,302	83,385	84,628	84,300	90,600
Minnesota	48,002	47,514	49,354	50,300	52,500
Mississippi	23,597	23,379	23,837	23,040	23,185
Missouri	46,864	46,566	48,862	48,870	49,986
Montana	9,389	9,601	10,134	10,234	10,645
Nebraska	17,569	17,072	17,969	18,591 b/	20,682
Nevada	9,042	9,485	10,038	10,374	11,257
New Hampshire	10,065	9,933	10,145	9,478	9,353
New Jersey	67,134	66,125	67,403	68,179 a/	70,774 a/
New Mexico	15,172	14,892	14,928	15,446 b/	15,871
New York	132,963	132,708	132,401	134,500	137,420
North Carolina	60,460	57,738	59,540	56,770 b/	58,000
North Dakota	7,310	7,522	7,817	7,967 b/	8,063
Ohio	109,200	107,700	109,418	102,755	103,755
Oklahoma	30,542	31,872	33,319	32,843	30,628
Oregon	26,301	26,338	26,713	27,093 b/	27,200
Pennsylvania	103,715	101,958	104,146	108,520	112,920
Rhode Island	7,640	7,450	7,826	7,693	7,695
South Carolina	31,297	30,603	30,680	34,300	35,800
South Dakota	7,952	8,442	8,355	8,671 b/	9,385
Tennessee	44,166	40,643	43,556	43,556 b/	43,902
Texas	162,270	163,191	170,322	171,321	175,996
Utah	24,197	26,407	27,670	27,819	30,248
Vermont	5,697	5,414	5,871	5,881 a/	6,046 a/
Virginia	56,948	56,140	58,260	59,633 b/	61,388
Washington	45,262	47,235	49,294	50,670	53,843
West Virginia	20,228	19,884	20,131	20,531 b/	19,947
Wisconsin	50,027	48,371	51,735	52,710	55,473
Wyoming	5,953	5,997	5,889	5,886 b/	5,900
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Outlying Areas					
American Samoa	712	738	695	696 a/	715 a/
Guam	912	985	987	1,003 a/	1,045 a/
Northern Marianas	245	328	319	322 b/	288
Puerto Rico	29,064	27,718	29,747	29,875 b/	30,003
Virgin Islands	927	886	995	940	935

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by states.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications. All school year 1995-96 and 1996-97 data are state estimates, except where noted. Estimates are as of March 1997.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.

Table 4.--Revenues for public elementary and secondary education, by state, for grades prekindergarten through 12: Fiscal years 1993 to 1997 (School years 1992-93 to 1996-97)

(In thousands of dollars)

State	Reported FY 93	Reported FY 94	Reported FY 95	Estimated FY 96	Estimated FY 97
United States	247,313,563	259,934,105	\$272,949,790	\$285,452,934 a/	\$299,059,876 a/
Alabama	2,982,753	3,121,320	3,541,876	3,523,928	3,800,649
Alaska	1,182,527	1,159,259	1,207,000	1,243,210	1,280,507
Arizona	3,402,888	3,550,177	3,783,285	3,924,495 a/	4,099,983 a/
Arkansas	1,933,846	2,014,900	2,175,109	1,615,391	1,696,161
California	28,039,018	29,050,409	28,891,301	31,724,638	33,796,257
Colorado	3,337,266	3,368,596	3,679,162	3,832,093	4,122,838 a/
Connecticut	3,863,010	4,053,254	4,374,992	4,379,000	4,529,000
Delaware	621,978	684,411	745,036	850,433 b/	889,807
District of Columbia	722,230	735,722	701,300	715,656 a/	735,509 a/
Florida	11,369,988	11,927,112	12,805,853	13,215,455	13,870,942
Georgia	5,997,559	6,630,693	6,965,472	8,047,549 b/	8,530,402
Hawaii	1,067,810	1,140,173	1,177,915	1,234,105 a/	1,287,554 a/
Idaho	896,846	955,081	1,088,596	1,168,247	1,221,909
Illinois	10,575,035	11,322,719	12,016,320	12,156,357	12,521,048
Indiana	5,625,542	5,918,601	6,362,528	6,550,000	6,878,000
Iowa	2,694,532	2,782,621	2,881,176	3,013,710	3,156,861
Kansas	2,373,507	2,695,033	2,883,345	2,898,673	2,985,633
Kentucky	3,071,172	3,194,404	3,240,926	3,844,024	3,951,657
Louisiana	3,447,854	3,564,497	3,788,837	3,883,165 b/	3,980,244
Maine	1,337,730	1,327,946	1,400,439	1,443,452	1,500,150
Maryland	4,923,313	5,145,236	5,559,604	5,388,081	5,885,105
Massachusetts	5,881,254	6,227,191	6,549,468	6,898,237 a/	7,317,346 a/
Michigan	10,766,136	11,134,083	11,925,311	12,262,797	12,609,834
Minnesota	4,698,237	5,160,259	5,606,567	5,886,900	6,034,100
Mississippi	1,777,016	1,879,377	2,099,795	2,174,600 b/	2,283,330
Missouri	4,260,954	4,526,828	4,891,384	5,127,021	5,413,064
Montana	834,660	877,807	915,392	933,700	952,374
Nebraska	1,597,612	1,674,836	1,797,785	1,869,696	1,972,529
Nevada	1,176,376	1,269,131	1,370,529	1,478,978	1,601,746
New Hampshire	1,062,532	1,097,159	1,149,673	1,259,377	1,317,703
New Jersey	10,972,259	11,301,907	11,485,382	12,048,571 a/	12,730,047 a/
New Mexico	1,429,383	1,567,823	1,695,358	1,888,405	2,199,248
New York	22,574,304	23,775,186	24,889,904	25,711,270	26,559,743
North Carolina	5,292,225	5,494,409	5,940,519	6,155,600	6,496,609
North Dakota	551,527	563,352	592,481	629,144 b/	657,456
Ohio	10,091,511	10,499,236	11,024,539	11,792,750	12,000,000
Oklahoma	2,780,370	3,087,382	2,767,709	2,988,458 b/	3,361,992
Oregon	3,135,734	3,074,679	3,294,014	3,117,000	3,254,000
Pennsylvania	12,060,334	12,601,361	13,271,164	14,100,000	14,900,000
Rhode Island	968,667	1,022,861	1,080,260	1,095,234 b/	1,162,591
South Carolina	3,061,004	3,200,412	3,450,203	3,450,203	3,749,680
South Dakota	603,085	647,026	691,685	713,135	759,845
Tennessee	3,394,425	3,649,630	3,908,306	4,129,992	4,229,112
Texas	17,446,887	18,744,302	19,678,883	20,282,542	21,726,450
Utah	1,657,433	1,785,758	1,940,247	1,940,247 b/	2,088,202 b/
Vermont	673,965	703,939	753,905	783,242 a/	819,518 a/
Virginia	5,796,976	6,087,791	6,373,906	6,674,919 a/	6,295,260
Washington	5,499,862	5,723,616	5,976,441	6,627,035 b/	6,652,347
West Virginia	1,841,575	1,879,452	1,940,425	1,850,487	1,915,254
Wisconsin	5,346,988	5,661,241	5,985,761	6,296,731	6,640,280
Wyoming	613,864	673,906	632,720	635,000	640,000
<b>Outlying Areas</b>					
American Samoa	35,031	41,683	45,151	46,871 a/	49,002 a/
Guam	208,767	168,461	171,866	181,065 a/	192,117 a/
Northern Marianas	41,015	41,406	44,122	44,462 b/	53,304 b/
Puerto Rico	1,433,524	1,510,847	1,641,580	1,675,391 b/	1,692,145
Virgin Islands	143,438	132,711	142,961	144,951	147,482

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by the state.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications. All FY 96 and FY 97 data are state estimates, except where noted. Estimates are as of March 1997. Detail may not sum to total due to rounding.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.

Table 5.--Current expenditures for public elementary and secondary education, by state, for grades prekindergarten through 12: Fiscal years 1993 to 1997 (School years 1992-93 to 1996-97)

(In thousands of dollars)

State	Reported FY 93	Reported FY 94	Reported FY 95	Estimated FY 96	Estimated FY 97
United States	\$220,659,135	\$231,323,004	\$243,656,906	\$258,922,087 a/	\$274,065,348 a/
Alabama	2,610,514	2,809,713	3,026,287	3,169,728	3,459,903
Alaska	967,765	1,002,515	1,020,675	1,051,296	1,082,834
Arizona	2,754,856	2,913,217	3,144,540	3,331,835 a/	3,549,233 a/
Arkansas	1,706,229	1,783,365	1,873,595	1,496,991	1,541,900
California	24,219,792	25,140,639	25,949,033	27,521,544	30,273,699
Colorado	2,919,916	2,954,793	3,232,976	3,315,190	3,593,903 a/
Connecticut	3,629,009	3,893,930	4,190,717	4,321,000	4,471,000
Delaware	590,234	644,554	694,473	748,655 b/	783,317 a/
District of Columbia	672,790	715,784	667,033	695,279 a/	728,611 a/
Florida	9,661,012	10,331,896	11,019,735	11,469,259	12,019,783
Georgia	5,273,143	5,643,843	6,136,689	7,781,018 b/	8,247,879
Hawaii	946,074	998,143	1,028,729	960,400	982,000
Idaho	804,231	859,088	951,350	1,042,161	1,090,031
Illinois	9,942,737	10,076,889	10,640,279	12,181,620	12,547,068
Indiana	4,797,946	5,064,685	5,243,761	5,559,000	5,837,000
Iowa	2,459,141	2,527,434	2,622,510	2,743,145	2,873,445
Kansas	2,224,080	2,325,247	2,406,580	2,492,762	2,567,544
Kentucky	2,823,134	2,952,119	2,988,892	3,460,737	3,557,638
Louisiana	3,157,695	3,265,081	3,426,901	3,461,971 b/	3,531,211
Maine	1,217,421	1,208,411	1,281,706	1,271,792	1,322,663
Maryland	4,556,266	4,783,023	5,083,380	4,926,216	5,323,364
Massachusetts	5,281,067	5,637,337	6,062,303	6,522,008 a/	7,054,231 a/
Michigan	9,532,994	9,816,830	10,440,206	10,735,664	11,039,483
Minnesota	4,135,284	4,328,093	4,622,930	4,857,100	4,975,400
Mississippi	1,600,752	1,725,386	1,921,480	1,998,743 b/	2,098,680
Missouri	3,710,426	3,981,614	4,275,217	4,172,801	4,405,644
Montana	785,159	822,015	844,257	861,142	878,365
Nebraska	1,430,039	1,513,971	1,594,928	1,658,725	1,749,955
Nevada	1,035,623	1,099,685	1,186,132	1,286,767	1,415,231
New Hampshire	972,963	1,007,129	1,053,966	1,184,025	1,251,854
New Jersey	9,920,984	10,449,969	10,776,982	11,548,068 a/	12,440,741 a/
New Mexico	1,240,352	1,323,459	1,443,789	1,823,809 b/	2,125,111
New York	20,898,267	22,059,949	22,989,629	23,748,287	24,531,980
North Carolina	4,866,012	5,085,921	5,440,426	5,845,439	6,169,266
North Dakota	511,095	522,377	532,398	561,849 b/	578,704
Ohio	9,173,393	9,612,678	10,030,956	10,396,689	11,000,000
Oklahoma	2,442,320	2,680,113	2,763,721	2,951,191 b/	3,039,727
Oregon	2,849,009	2,852,723	2,948,539	3,028,000	3,247,000
Pennsylvania	10,944,392	11,236,417	11,587,027	12,300,000	13,020,000
Rhode Island	934,815	990,094	1,017,554	1,071,151 b/	1,103,286
South Carolina	2,690,009	2,790,878	2,920,230	2,920,230	3,173,705
South Dakota	553,005	584,894	612,825	624,379	665,026
Tennessee	3,139,223	3,305,579	3,540,682	4,264,551 b/	4,570,746
Texas	15,121,655	16,193,722	17,572,269	19,658,698	20,944,470
Utah	1,376,319	1,511,205	1,618,047	1,739,255 b/	1,833,122 b/
Vermont	616,212	643,828	665,559	706,280 a/	753,516 a/
Virginia	5,157,334	5,366,345	5,667,843	6,062,752 a/	6,672,808
Washington	4,677,604	4,893,860	5,139,205	5,613,481 b/	5,790,558 b/
West Virginia	1,626,005	1,663,868	1,758,557	1,763,439	1,825,159
Wisconsin	4,954,900	5,170,343	5,422,264	5,435,968	5,732,554
Wyoming	547,938	558,353	577,144	580,000	595,000
Outlying Areas					
American Samoa	23,636	25,161	28,643	30,372 a/	32,377 a/
Guam	161,477	164,187	161,434	173,721 a/	187,947 a/
Northern Marianas	38,784	39,675	45,008	42,499 b/	50,953 b/
Puerto Rico	1,295,452	1,420,580	1,501,485	1,646,313 b/	1,658,302
Virgin Islands	120,510	120,617	122,094	135,291	140,299

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by state.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications.

All FY 96 and FY 97 data are state estimates, except where noted.

Estimates are as of March 1997.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.

Table 6.--Student membership and number of teachers, and estimates of revenues, expenditures, and pupil/teacher ratio, for public elementary and secondary schools, by state, for grades prekindergarten through 12: School year 1995-96/Fiscal year 1996

State	Reported		Estimated				
	Membership	Number of teachers	Revenues (in thousands)	Current expenditures (in thousands)	Pupil/teacher ratio	Per pupil revenue	Per pupil expenditure
United States	44,742,740	2,594,432	\$285,452,933 a/	\$258,922,087 a/	17.2	\$6,380	\$5,787
Alabama	736,825	44,056	3,523,928	3,169,728	16.7	4,783	4,302
Alaska	127,618	7,379	1,243,210	1,051,296	17.3	9,742	8,238
Arizona	743,566	38,017	3,924,495 a/	3,331,835 a/	19.6	5,278	4,481
Arkansas	453,257	26,449	1,615,391 b/	1,496,991 b/	17.1	3,564	3,303
California	5,467,224	227,224	31,724,638	27,521,544	24.1	5,803	5,034
Colorado	656,279	35,388	3,832,093	3,315,190	18.5	5,839	5,051
Connecticut	517,935	36,070	4,379,000	4,321,000	14.4	8,455	8,343
Delaware	108,461	6,463	850,433 b/	748,655 b/	16.8	7,841	6,903
District of Columbia	79,802	5,305	715,656 a/	695,279 a/	15.0	8,968	8,713
Florida	2,176,222	114,938	13,215,455	11,469,259	18.9	6,073	5,270
Georgia	1,311,126	79,480	8,047,549 b/	7,781,018 b/	16.5	6,138	5,935
Hawaii	187,180	10,500	1,234,105 a/	960,400	17.8	6,593	5,131
Idaho	243,097	12,784	1,168,247 b/	1,042,161 b/	19.0	4,806	4,287
Illinois	1,943,623	113,538	12,156,357	12,181,620	17.1	6,254	6,267
Indiana	977,263	55,821	6,550,000	5,559,000	17.5	6,702	5,688
Iowa	502,343	32,318	3,013,710	2,743,145	15.5	5,999	5,461
Kansas	463,008	30,729	2,898,673 b/	2,492,762 b/	15.1	6,261	5,384
Kentucky	659,821	39,120	3,844,024	3,460,737	16.9	5,826	5,245
Louisiana	797,366	46,980	3,883,165 b/	3,461,971 b/	17.0	4,870	4,342
Maine	213,569	15,392	1,443,452	1,271,792	13.9	6,759	5,955
Maryland	805,544	47,819	5,388,081	4,926,216	16.8	6,689	6,115
Massachusetts	915,007	62,710	6,898,237 a/	6,522,008 a/	14.6	7,539	7,128
Michigan	1,641,456	83,179	12,262,797 b/	10,735,664 b/	19.7	7,471	6,540
Minnesota	835,166	46,971	5,886,900	4,857,100	17.8	7,049	5,816
Mississippi	506,272	28,997	2,174,600 b/	1,998,743 b/	17.5	4,295	3,948
Missouri	889,881	57,951	5,127,021 b/	4,172,801 b/	15.4	5,761	4,689
Montana	165,547	10,076	933,700	861,142	16.4	5,640	5,202
Nebraska	289,744	20,028	1,869,696	1,658,725	14.5	6,453	5,725
Nevada	265,041	13,878	1,478,978	1,286,767	19.1	5,580	4,855
New Hampshire	194,171	12,346	1,259,377	1,184,025	15.7	6,486	6,098
New Jersey	1,197,381	86,706	12,048,571 a/	11,548,068 a/	13.8	10,062	9,644
New Mexico	329,640	19,398	1,888,405 b/	1,823,809 b/	17.0	5,729	5,533
New York	2,813,230	181,559	25,711,270	23,748,287	15.5	9,139	8,442
North Carolina	1,183,090	73,201	6,155,600	5,845,439	16.2	5,203	4,941
North Dakota	119,100	7,501	629,144 b/	561,849 b/	15.9	5,282	4,717
Ohio	1,836,015	107,347	11,792,750 b/	10,396,689 b/	17.1	6,423	5,663
Oklahoma	616,393	39,364	2,988,458 b/	2,951,191 b/	15.7	4,848	4,788
Oregon	527,914	26,680	3,117,000	3,028,000	19.8	5,904	5,736
Pennsylvania	1,787,533	104,921	14,100,000	12,300,000	17.0	7,888	6,881
Rhode Island	149,799	10,482	1,095,234 b/	1,071,151 b/	14.3	7,311	7,151
South Carolina	637,519	39,922	3,450,203	2,920,230	16.0	5,412	4,581
South Dakota	144,685	9,641	713,135 b/	624,379 b/	15.0	4,929	4,315
Tennessee	882,602	53,403	4,129,992	4,264,551	16.5	4,679	4,832
Texas	3,748,167	240,371	20,282,542 b/	19,658,698 b/	15.6	5,411	5,245
Utah	477,121	20,039	1,940,247 b/	1,739,255 b/	23.8	4,067	3,645
Vermont	105,565	7,676	783,242 a/	706,280 a/	13.8	7,420	6,690
Virginia	1,079,854	74,568	6,674,919 a/	6,062,752 a/	14.5	6,181	5,614
Washington	956,572	46,907	6,627,035 b/	5,613,481 b/	20.4	6,928	5,868
West Virginia	307,112	21,073	1,850,487	1,763,439	14.6	6,025	5,742
Wisconsin	870,175	55,033	6,296,731	5,435,968	15.8	7,236	6,247
Wyoming	99,859	6,734	635,000 b/	580,000 b/	14.8	6,359	5,808
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Outlying Areas							
American Samoa	14,576	728	46,871 a/	30,372 a/	20.0	3,216	2,084
Guam	32,960	1,802	181,065 a/	173,721 a/	18.3	5,493	5,271
Northern Marianas	8,809	422	44,462 b/	42,499 b/	20.9	5,047	4,825
Puerto Rico	627,620	39,328	1,675,391	1,646,313	16.0	2,669	2,623
Virgin Islands	22,737	1,622	144,951	135,291	14.0	6,375	5,950

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by state, January, 1997.

NOTE: Data labeled "reported" may differ from data reported in other NCES publications. Data for membership and teachers are final. Other data are state estimates, except where noted. Detail may not sum to total due to rounding. Estimates are as of March 1997.

SOURCE: U.S. Department of Education, NCES, Common Core of Data.



Table 7.--Estimated membership, number of teachers, revenues, expenditures, and pupil/teacher ratio, for public elementary and secondary schools, by state, for grades prekindergarten through 12:  
School year 1996-97/Fiscal year 1997

State	Membership	Number of teachers	Revenues (in thousands)	Current expenditures (in thousands)	Pupil/teacher ratio	Per pupil revenue	Per pupil expenditure
United States	45,228,526 a/	2,633,516 a/	\$298,841,009 a/	\$274,065,348 a/	17.2	\$6,607	\$6,060
Alabama	741,933	42,492 b/	3,800,649	3,459,903	17.5	5,123	4,663
Alaska	126,015	7,644	1,280,507	1,082,834	16.5	10,162	8,593
Arizona	749,759 a/*	38,509 a/	4,099,983 a/	3,549,233 a/	19.5	5,468	4,734
Arkansas	457,076	29,194	1,696,161	1,541,900	15.7	3,711	3,373
California	5,535,312	228,028	33,796,257	30,273,699	24.3	6,106	5,469
Colorado	673,438	35,900	3,904,398 a/	3,593,903 a/	18.8	5,798	5,337
Connecticut	523,054	36,800	4,529,000	4,471,000	14.2	8,659	8,548
Delaware	110,549 b/	6,642	889,807	783,317	16.6	8,049	7,086
District of Columbia	79,159 a/	5,286 a/	735,509 a/	728,611 a/	15.0	9,292	9,204
Florida	2,240,283 b/	120,450 b/	13,870,942	12,019,783	18.6	6,192	5,365
Georgia	1,321,239	81,683	8,530,402	8,247,879	16.2	6,456	6,243
Hawaii	188,485	10,675	1,287,554 a/	982,000	17.7	6,831	5,210
Idaho	245,252 b/	13,059	1,221,909	1,090,031	18.8	4,982	4,445
Illinois	1,961,299	115,859	12,521,048	12,547,068 b/	16.9	6,384	6,397
Indiana	984,610	56,412	6,878,000	5,837,000	17.5	6,986	5,928
Iowa	504,511	32,549	3,156,861	2,873,445 b/	15.5	6,257	5,696
Kansas	465,140	30,750	2,985,633	2,567,544	15.1	6,419	5,520
Kentucky	663,071	39,235	3,951,657	3,557,638	16.9	5,960	5,365
Louisiana	777,570 b/	48,047	3,980,244	3,531,211	16.2	5,119	4,541
Maine	218,560 b/	14,458	1,500,150	1,322,663	15.1	6,864	6,052
Maryland	818,947	47,005	5,885,105	5,323,364	17.4	7,186	6,500
Massachusetts	936,794 a/	64,497 a/	7,316,919 a/	7,054,231 a/	14.5	7,811	7,530
Michigan	1,662,100	84,200	12,609,834	11,039,483	19.7	7,587	6,642
Minnesota	836,700	47,600	6,034,100	4,975,400	17.6	7,212	5,946
Mississippi	504,168 b/	29,237	2,283,330	2,098,680	17.2	4,529	4,163
Missouri	883,327	59,222	5,413,064	4,405,644	14.9	6,128	4,988
Montana	166,909	10,110	952,374	878,365	16.5	5,706	5,263
Nebraska	292,121	20,109 b/	1,972,529	1,749,955	14.5	6,752	5,991
Nevada	282,131 b/	14,723 b/	1,601,746	1,415,231	19.2	5,677	5,016
New Hampshire	194,581 b/	12,394	1,317,703	1,251,854	15.7	6,772	6,434
New Jersey	1,221,013 a/	88,822 a/	12,730,047 a/	12,440,741 a/	13.7	10,426	10,189
New Mexico	330,522	19,608 b/	2,199,248 b/	2,125,111	16.9	6,654	6,430
New York	2,825,000	185,063	26,559,743	24,531,980	15.3	9,402	8,684
North Carolina	1,199,962 b/	73,839	6,496,609	6,169,266	16.3	5,414	5,141
North Dakota	118,427 b/	7,706	657,456	578,704	15.4	5,552	4,887
Ohio	1,841,095	104,583	12,000,000	11,000,000	17.6	6,518	5,975
Oklahoma	620,379	39,350	3,361,992	3,039,727	15.8	5,419	4,900
Oregon	537,783 b/	26,757	3,254,000	3,247,000	20.1	6,051	6,038
Pennsylvania	1,807,250	106,400	14,900,000	13,020,000	17.0	8,245	7,204
Rhode Island	151,181	10,586	1,162,591	1,103,286	14.3	7,690	7,298
South Carolina	648,980	40,640	3,749,680	3,173,705	16.0	5,778	4,890
South Dakota	142,910 b/	9,474	759,845	665,026 b/	15.1	5,317	4,653
Tennessee	891,101	51,369	4,229,112	4,570,746	17.3	4,746	5,129
Texas	3,809,186	247,526	21,726,450	20,944,470 b/	15.4	5,704	5,498
Utah	478,085 b/	20,224 b/	2,088,202 b/	1,833,122 b/	23.6	4,368	3,834
Vermont	106,607 a/	7,787 a/	819,518 a/	753,516 a/	13.7	7,687	7,068
Virginia	1,096,093 b/	80,896	6,295,260	6,672,808	13.5	5,743	6,088
Washington	971,903 b/	47,479 b/	6,652,347	5,790,558 b/	20.5	6,845	5,958
West Virginia	303,441 b/	20,642	1,915,254	1,825,159 b/	14.7	6,312	6,015
Wisconsin	884,738 b/	55,296	6,640,280	5,732,554	16.0	7,505	6,479
Wyoming	98,777 b/	6,700	640,000	595,000	14.7	6,479	6,024
<b>Outlying Areas</b>							
American Samoa	14,708 a/	738 a/	49,002 a/	32,377 a/	19.9	3,332	2,201
Guam	33,754 a/	1,854 a/	192,117 a/	187,947 a/	18.2	5,692	5,568
Northern Marianas	8,253 b/	421 b/	53,304	50,953 b/	19.6	6,459	6,174
Puerto Rico	613,009	39,748	1,692,145	1,658,302	15.4	2,760	2,705
Virgin Islands	22,146	1,603	147,482	140,299	13.8	6,660	6,335

a/ Data estimated by NCES based on previous year's data.

b/ Actual preliminary count by state.

NOTE: All data are state estimates, except where noted. Detail may not sum to total due to rounding.

Estimates are as of March 1997.

RCE: U.S. Department of Education, NCES, Common Core of Data.

## Technical Notes

### Public School Early Estimates Methodology

In mid October 1996, survey forms were sent out to each state education agency. States were asked to return by mail or fax the completed form. Those which had not respond by late November were contacted by telephone. All data were checked for reasonableness against prior years' reports, and follow-up calls were made to resolve any questions. In some cases the change from 1996 to 1997 reflected improved reporting. When states did not supply a data item, NCES estimated a value. These values are footnoted. If one or more states required an estimated number, then the national total for that item is marked as estimated.

Data labeled as "reported" in this publication are as reported to NCES by state education agencies, and do not include estimations for missing data. Therefore, a value in this report may differ from the value for the same data element given in other publications, when the latter value is based on estimates. For example, student membership for fall 1995 is reported here as 44,742,740. In the forthcoming Statistics in Brief publication, student membership for fall 1995 is reported as 44,840,487.\* The latter number contains imputations for missing prekindergarten students in four states (Alabama, California, South Carolina, and Tennessee). Similar variations occur in all but the high school graduate data.

Missing values for student membership were estimated by multiplying a state's membership data from the 1995-96 school year by the rate of growth experienced by that state in student membership from 1994-95 to 1995-96.

Missing values for other data elements were estimated by state, using ratios of the missing quantity to the student membership value, and then adjusting this number by the average percent change for reporting states from the previous year for this element. For example, the procedure for estimating the number of teachers in the 1995-96 school year involved: (1) calculating the teacher-to-student ratio in the given state in 1995-96; (2) calculating the total growth rate in teacher-to-student ratios for reporting states from 1995-96 to 1996-97; and (3) multiplying the state student membership for the 1996-97 school year by the ratio calculated in step 1, and then multiplying this product by the growth rate calculated in step 2. Equivalent procedures were used for estimating numbers of high school graduates, revenues, and current expenditures.

*\*NOTE: The number shown is an unpublished number and is subject to change.*



## Accuracy of Estimates

Past years' data provide an indication of the differences between early estimates and final data. The early estimate of public school membership for fall 1995 was 44,661,558, which represented an increase of 1.5 percent from the fall 1994 value. The actual increase, based on the reported count of 44,742,740, was 1.7 percent. Last year's estimate indicated that there were 2,586,497 public school teachers for 1995-96, implying an increase of 1.5 percent over the previous year, while reported numbers indicated a decrease of 0.1 percent in the public school teachers over that year. For the number of public high school graduates, the estimate projected an increase of 3.4 percent from 1993-94 to 1994-95, while reported numbers indicate an increase of 2.5 percent. Revenues were estimated to increase 4.7 percent from 1993-94 to 1994-95, while the reported increase was 5.0 percent. The estimated increase in current expenditures, from 1993-94 to 1994-95, was 4.4 percent, as compared with an actual increase of 5.1 percent.

Looking at last year's estimates for each state and comparing them with final data, we see that all states' estimates of student membership for school year 1995-96 were within 10 percent of the final reported count. Two states' estimates for teachers were in error by more than 10 percent of the reported count. All but two states' estimates for high school graduates were within 10 percent of the reported count of graduates for school year 1994-95. For this same school year (fiscal year 1995), four states' estimates for revenues and two states' estimates for expenditures differed from the final reported amount by more than 10 percent of that amount.

## Definitions

*Membership* is the unduplicated count of students on the roll of the school or local education agency on the school day closest to October 1—students who withdrew from school have been removed from the count. Unless otherwise specified, membership includes all students in prekindergarten through grade 12 and ungraded classes.

*Teachers* are professional staff who provide instruction to students and maintain daily student attendance figures for a group or class at any of the levels from prekindergarten through grade 12 and ungraded classes. Teacher numbers are reported in full-time equivalents (FTE), which are computed by dividing the amount of time employed in instruction by the time normally required of a full-time position.

*Pupil-to-teacher ratio* is the number of students divided by the number of teachers. The pupil-to-teacher ratio for public schools reported here represents an average across all levels. There is, however, variability across prekindergarten, elementary, and secondary grade levels and across programs such as special education and gifted and talented.

*Graduates* are defined as students receiving a regular high school diploma during the school year, including summer graduates. Early estimates are provided for the recent graduates from the 1995–96 school year, with projections for the 1996–97 school year.

*Revenues* are defined as additions to assets which do not incur an obligation that must be met at some future date, do not represent exchanges of fixed assets, and are available for expenditure by the local education agencies in the state. Revenues include funds from local, intermediate, state, and federal sources.

*Current expenditures* are funds spent for operating local public schools and include such items as salaries for school personnel, student transportation, school books and materials, and energy costs, but exclude capital outlay and interest on school debt.

*Per pupil expenditure* (or *per pupil revenue*) is the total current expenditure (or revenue) for public elementary and secondary education in a state divided by the student membership. The numbers reported here, based on membership, can be expected to be smaller than per pupil expenditures (and per pupil revenues) based on average daily attendance, because the membership counts are generally larger than average daily attendance. As with pupil-to-teacher ratio, the average reported here does not reflect variations across school districts, grade levels or programs.

#### **For More Information**

For information about the Public School Early Estimates System or the Common Core of Data, contact Lena McDowell, Office of Educational Research and Improvement, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208–5651, telephone (202) 219–1628. Or contact Frank Johnson, telephone (202) 219–1618, or e-mail to "frank\_johnson@ed.gov".

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