

# the condition of education 2008



## INDICATOR 32

# Public School Staff

The indicator and corresponding tables are taken directly from *The Condition of Education 2008*. Therefore, the page numbers may not be sequential.

Additional information about the survey data and supplementary notes can be found in the full report. For a copy of *The Condition of Education 2008*, visit the NCES website (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2008031>) or contact ED PUBs at 1-877-4ED-PUBS.

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# Teachers and Staff

## Public School Staff

*In 2003–04, professional instructional staff accounted for 64 percent of public school staff, with teachers making up the majority of all staff.*

In 2003–04, public schools employed over 5.5 million staff (see supplemental table 32-1).<sup>1</sup> Of these staff, 2.8 million were employed by elementary schools, 1.4 million by secondary schools, and 950,000 by middle schools. Professional instructional staff<sup>2</sup> accounted for 64 percent of public school staff, with teachers making up 57 percent of all staff. Student services professional staff<sup>3</sup> and school aides accounted for 5 and 13 percent of public school staff, respectively.

The average number of students per staff member varied by staff type and by school characteristics (see supplemental table 32-2).<sup>4</sup> In terms of school enrollment size, the average number of students per staff member was consistently higher for larger schools than for smaller schools. This finding held for all staff except school counselors. For example, for social workers and psychologists, there was an average of 156 students per staff member in schools with less than 300 students, compared with an average of 1,106 students per staff member in schools with 1,500 or more students.

In contrast with patterns for enrollment size, the average number of students per staff member

was generally lower for schools with larger percentages of students approved for free or reduced-price lunch than for schools with smaller percentages of students approved for this benefit. This finding held for principals, nurses, social workers and psychologists, speech therapists, and other professional staff, special needs aides, and other aides.<sup>5</sup> For example, on average, there were 669 students per speech therapist in schools with 10 percent or fewer students approved for free or reduced-price lunch, compared with 512 students per speech therapist in schools with more than 75 percent of students approved for this benefit.

Differences in the average number of students per staff member were also found by school locale. Schools in rural areas generally had lower average numbers of students per staff member than did schools in other locales for principals, teachers, librarians/library media specialists, school counselors, nurses, social workers and psychologists, speech therapists, and other aides. For example, for nurses, rural schools had an average of 481 students per staff member, compared with 563 in towns, 688 in suburban areas, and 685 in cities.

<sup>1</sup> Data are for full- and part-time staff. Not all schools have each type of staff member. Full-time-equivalent calculations were completed for part-time staff within each staff category.

<sup>2</sup> Professional instructional staff include principals, teachers, instructional coordinators and supervisors, librarians/library media specialists, and school counselors.

<sup>3</sup> Student services professional staff include nurses, social workers and psychologists, speech therapists, and other professional staff.

<sup>4</sup> Data for each staff category are derived from schools with staff members in those categories.

<sup>5</sup> Other aides include regular Title I aides, library media center instructional and noninstructional aides, and other classroom instructional and non-instructional aides.

NOTE: Elementary schools are defined as schools with at least one grade lower than 5 and no grade higher than 8. Middle schools are defined as schools with no grade lower than 5 and no grade higher than 8. Secondary schools are defined as schools with no grade lower than 7 and at least one grade higher than 8. Combined schools have at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are also included in combined schools. Detail may not sum to totals because of rounding. See supplemental note 3 for more information on the Schools and Staffing Survey (SASS).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.

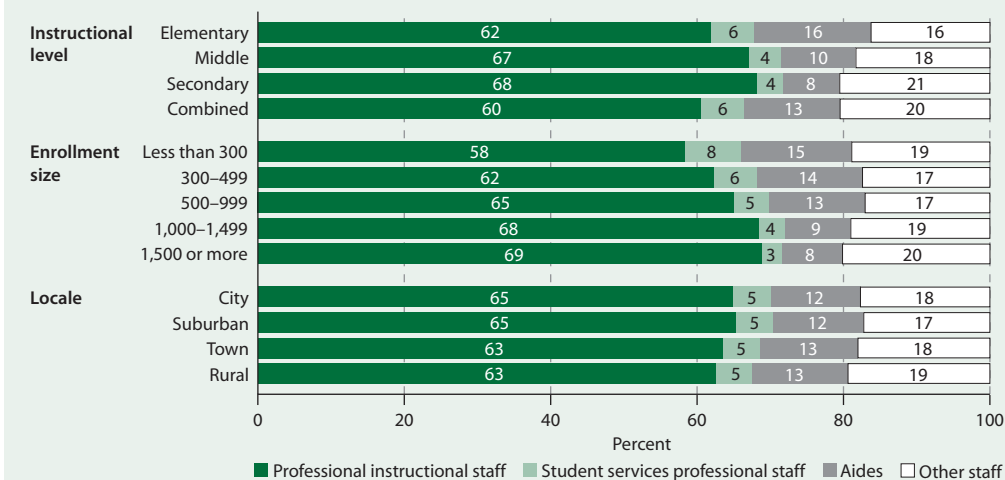
FOR MORE INFORMATION:  
Supplemental Notes 1,3

Supplemental Tables 32-1, 32-2, 32-3,

NCES 2007-064, indicators 30, 33–35



**PUBLIC SCHOOL STAFF: Percentage distribution of staff employed in public schools, by instructional level, enrollment size, and locale: School year 2003–04**



## Public School Staff

**Table 32-1. Number and percentage distribution of staff employed in public schools, by staff type and school characteristics: School year 2003–04**

School characteristic	Total staff	Professional instructional staff					
		Total	Principals <sup>1</sup>	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>5,514,300</b>	<b>64.3</b>	<b>2.7</b>	<b>57.3</b>	<b>0.9</b>	<b>1.3</b>	<b>2.0</b>
Instructional level							
Elementary	2,803,300	61.8	2.5	55.5	1.0	1.5	1.4
Middle	948,800	67.0	3.0	59.5	0.9	1.3	2.3
Secondary	1,448,900	68.2	3.0	60.2	0.9	1.1	2.9
Combined	313,300	60.5	3.1	53.4	0.7	1.3	2.0
School type							
Regular	4,979,900	64.6	2.7	57.7	0.9	1.4	2.0
Special emphasis <sup>5</sup>	317,100	65.1	2.8	57.6	1.6	1.2	1.9
Special education	60,300	45.6	2.3	40.5	1.1	0.6	1.2
Vocational/technical	47,700	66.8	3.7	58.4	1.0	0.6	3.1
Alternative	109,400	58.1	5.5	47.5	1.0	0.9	3.3
Enrollment size							
Less than 300	754,000	58.3	3.5	50.0	0.7	1.9	2.1
300–499	1,300,400	62.3	2.6	55.4	1.0	1.6	1.7
500–999	2,181,200	65.0	2.6	58.5	0.9	1.2	1.8
1,000–1,499	656,600	68.4	2.7	61.3	0.9	1.0	2.4
1,500 or more	622,100	68.8	2.5	61.7	0.9	0.8	2.8
Percentage of students approved for free or reduced-price lunch							
10 percent or less	740,500	67.1	2.4	60.2	1.1	1.3	2.1
11–25 percent	1,064,100	65.7	2.6	58.8	0.7	1.4	2.1
26–50 percent	1,548,200	64.1	2.7	57.2	0.6	1.4	2.1
51–75 percent	1,085,400	63.4	2.8	56.5	0.9	1.4	1.8
More than 75 percent	959,900	61.9	2.8	54.7	1.4	1.2	1.7
Region							
Northeast	1,112,800	64.8	2.3	57.9	1.4	1.2	2.0
Midwest	1,303,200	63.5	2.7	56.7	0.8	1.5	1.9
South	2,055,100	65.1	2.9	58.0	0.8	1.4	2.1
West	1,043,200	63.3	2.9	56.2	0.9	1.3	1.9
Locale							
City	1,585,000	64.9	2.8	57.6	1.3	1.2	1.9
Suburban	1,907,900	65.3	2.5	58.5	1.0	1.3	2.0
Town	782,800	63.4	2.7	56.8	0.6	1.4	2.0
Rural	1,238,600	62.6	2.9	55.5	0.5	1.6	2.1

See notes at end of table.

## Public School Staff

**Table 32-1. Number and percentage distribution of staff employed in public schools, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Total staff	Student services professional staff					Aides			
		Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides <sup>2</sup>	Other aides <sup>3</sup>	Other staff <sup>4</sup>
<b>Total</b>	<b>5,514,300</b>	<b>5.1</b>	<b>1.2</b>	<b>1.4</b>	<b>1.3</b>	<b>1.1</b>	<b>12.7</b>	<b>6.0</b>	<b>6.7</b>	<b>18.0</b>
Instructional level										
Elementary	2,803,300	6.0	1.3	1.6	1.8	1.3	15.9	6.6	9.3	16.2
Middle	948,800	4.4	1.1	1.4	1.0	0.8	10.3	6.3	4.0	18.3
Secondary	1,448,900	3.5	0.9	1.2	0.6	0.8	7.8	4.6	3.3	20.5
Combined	313,300	5.9	1.3	1.6	1.4	1.6	13.2	6.6	6.6	20.5
School type										
Regular	4,979,900	4.8	1.2	1.4	1.3	1.0	12.6	6.0	6.7	18.0
Special emphasis <sup>5</sup>	317,100	5.4	1.0	1.5	1.2	1.6	12.2	5.5	6.7	17.3
Special education	60,300	13.7	2.3	4.1	3.0	4.3	23.8	18.6	5.2 <sup>1</sup>	16.9
Vocational/technical	47,700	5.6	1.2	1.2	0.6	2.7	7.0	2.7	4.4	20.5
Alternative	109,400	10.1	1.9	3.8	1.2	3.3	12.7	4.5	8.2	19.2
Enrollment size										
Less than 300	754,000	7.8	1.8	2.2	1.9	1.8	15.1	6.9	8.2	18.9
300–499	1,300,400	5.9	1.4	1.7	1.7	1.2	14.4	6.0	8.4	17.4
500–999	2,181,200	4.8	1.1	1.3	1.3	1.0	13.2	6.4	6.7	17.0
1,000–1,499	656,600	3.5	0.8	1.1	0.8	0.9	9.0	4.8	4.2	19.0
1,500 or more	622,100	2.7	0.6	0.9	0.5	0.7	8.3	4.9	3.4	20.1
Percentage of students approved for free or reduced-price lunch										
10 percent or less	740,500	4.9	1.1	1.5	1.2	1.0	11.3	6.0	5.3	16.7
11–25 percent	1,064,100	4.7	1.1	1.4	1.2	1.0	11.5	5.6	5.9	18.1
26–50 percent	1,548,200	4.8	1.2	1.3	1.3	0.9	12.9	6.4	6.5	18.2
51–75 percent	1,085,400	5.1	1.2	1.4	1.4	1.1	13.3	5.8	7.6	18.2
More than 75 percent	959,900	5.7	1.2	1.6	1.4	1.4	14.2	6.2	7.9	18.3
Region										
Northeast	1,112,800	5.6	1.4	1.8	1.3	1.1	12.8	5.8	7.0	16.8
Midwest	1,303,200	5.6	1.2	1.9	1.5	1.1	12.7	6.3	6.4	18.1
South	2,055,100	4.5	1.1	1.0	1.2	1.1	11.7	4.8	6.9	18.7
West	1,043,200	5.0	1.1	1.5	1.3	1.0	14.4	8.2	6.1	17.4
Locale										
City	1,585,000	5.2	1.1	1.6	1.2	1.2	12.3	6.1	6.1	17.7
Suburban	1,907,900	5.0	1.1	1.5	1.3	1.1	12.4	6.3	6.1	17.2
Town	782,800	5.1	1.2	1.4	1.3	1.1	13.4	5.8	7.6	18.0
Rural	1,238,600	4.9	1.3	1.2	1.4	0.9	13.1	5.5	7.6	19.4

<sup>1</sup> Interpret with caution (estimates are unstable).

<sup>2</sup> Includes principals, vice principals, and assistant principals.

<sup>3</sup> Includes English as a second language (ESL)/bilingual aides, and special education instructional and noninstructional aides.

<sup>4</sup> Includes all other aides: regular Title I aides, library media center instructional and noninstructional aides, and other classroom instructional and noninstructional aides.

<sup>5</sup> Includes secretaries and other support staff; food service personnel; custodial, maintenance, and security personnel; and other employees not reported above.

<sup>6</sup> Includes schools with a special program emphasis, such as science/math schools, performing arts schools, talented/gifted schools, foreign language immersion schools, etc.

NOTE: Estimates are for both full- and part-time staff. Full-time-equivalent calculations were completed for part-time staff within each staff category. Elementary schools are defined as schools with at least one grade lower than 5 and no grade higher than 8. Middle schools are defined as schools with no grade lower than 5 and no grade higher than 8. Secondary schools are defined as schools with no grade lower than 7 and at least one grade higher than 8. Combined schools have at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are also included in combined schools. Detail may not sum to totals because of rounding. See *supplemental note 3* for more information on the Schools and Staffing Survey (SASS).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.

## Public School Staff

**Table 32-2. Average number of students per staff member employed in public schools with such staff, by staff type and school characteristics: School year 2003–04**

School characteristic	Total staff	Professional instructional staff					
		Total	Principals <sup>1</sup>	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>8.6</b>	<b>13.3</b>	<b>312.4</b>	<b>15.0</b>	<b>387.4</b>	<b>574.7</b>	<b>373.0</b>
Instructional level							
Elementary	8.1	13.1	327.3	14.6	342.6	475.4	448.6
Middle	9.1	13.5	301.4	15.2	429.1	662.5	373.4
Secondary	9.7	14.2	319.2	16.0	466.1	801.0	315.9
Combined	6.6	10.9	208.5	12.3	327.5	414.3	294.5
School type							
Regular	8.6	13.4	323.3	15.0	403.0	573.1	380.3
Special emphasis <sup>5</sup>	9.0	13.8	315.7	15.6	338.5	686.7	428.7
Special education	2.8	6.1	110.9	6.9	104.5!	229.2!	143.5!
Vocational/technical	11.3	16.9	306.9	19.4	402.7	767.5	332.0
Alternative	6.7	11.5	117.1	14.1	171.6	312.4	141.6
Enrollment size							
Less than 300	5.6	9.6	153.6	11.2	176.7	217.6	195.4
300–499	7.6	12.1	288.0	13.7	273.8	401.8	368.2
500–999	8.9	13.8	344.3	15.3	411.8	658.7	434.2
1,000–1,499	10.1	14.8	373.1	16.5	496.2	937.4	389.6
1,500 or more	11.4	16.6	449.6	18.5	641.2	1,366.0	392.9
Percentage of students approved for free or reduced-price lunch							
10 percent or less	9.3	13.9	384.0	15.5	364.7	683.5	363.7
11–25 percent	9.1	13.9	347.9	15.5	437.7	628.3	383.0
26–50 percent	8.5	13.2	308.3	14.8	441.5	545.7	366.4
51–75 percent	8.2	12.9	285.7	14.5	394.0	519.0	376.1
More than 75 percent	7.9	12.8	278.7	14.5	337.1	548.4	393.0
Region							
Northeast	7.4	11.4	316.4	12.7	289.5	563.4	320.6
Midwest	8.3	13.0	307.0	14.6	389.3	508.9	352.8
South	8.4	12.9	289.9	14.5	447.4	583.4	386.2
West	10.6	16.7	358.5	18.8	439.7	659.7	430.4
Locale							
City	9.0	13.8	313.4	15.5	381.8	656.6	391.1
Suburban	9.0	13.9	356.9	15.5	373.7	662.2	385.7
Town	8.1	12.7	296.6	14.2	411.5	509.3	358.4
Rural	7.7	12.3	261.2	13.9	431.4	429.6	341.1

See notes at end of table.

## Public School Staff

**Table 32-2. Average number of students per staff member employed in public schools with such staff, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Total staff	Student services professional staff					Aides			Other staff <sup>4</sup>
		Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides <sup>2</sup>	Other aides <sup>3</sup>	
<b>Total</b>	<b>8.6</b>	<b>165.6</b>	<b>617.2</b>	<b>464.4</b>	<b>574.4</b>	<b>318.7</b>	<b>66.2</b>	<b>123.5</b>	<b>117.4</b>	<b>47.6</b>
Instructional level										
Elementary	8.1	133.3	520.8	403.6	439.4	264.2	50.0	107.0	82.3	49.7
Middle	9.1	203.1	714.1	517.6	781.9	433.6	86.4	126.5	199.9	49.4
Secondary	9.7	264.6	886.9	658.7	1,173.1	495.1	119.1	182.8	259.0	46.7
Combined	6.6	101.8	371.3	214.6	354.4	135.4	47.5	72.6	85.6	31.6
School type										
Regular	8.6	176.0	638.4	499.9	587.8	355.1	67.3	127.4	119.3	47.9
Special emphasis <sup>5</sup>	9.0	165.5	739.0	491.1	674.4	301.5	72.6	137.3	125.9	51.9
Special education	2.8	17.0	88.5	51.4	75.1	39.8	11.1	10.2	27.2!	16.3
Vocational/technical	11.3	158.9	563.2	375.5	804.7	209.4	114.1	187.9	137.4	55.1
Alternative	6.7	51.3	191.0	109.9	242.6	91.9	43.1	78.4	54.8	32.8
Enrollment size										
Less than 300	5.6	66.8	224.4	156.0	229.5	107.9	34.2	58.4	57.7	29.4
300–499	7.6	124.1	444.3	339.7	412.5	231.3	51.5	106.1	81.2	43.4
500–999	8.9	186.1	718.8	530.2	619.0	375.4	66.7	125.0	121.8	52.3
1,000–1,499	10.1	277.7	1,081.9	795.1	1,087.8	503.5	110.0	179.9	217.0	53.1
1,500 or more	11.4	416.6	1,546.0	1,106.1	1,978.3	788.4	136.9	213.2	319.4	56.1
Percentage of students approved for free or reduced-price lunch										
10 percent or less	9.3	187.3	723.4	538.3	669.5	412.2	81.4	137.3	158.2	55.7
11–25 percent	9.1	189.4	698.9	550.6	668.8	365.8	78.2	140.8	143.4	50.1
26–50 percent	8.5	172.0	599.8	472.1	554.4	321.8	65.1	118.7	120.0	46.3
51–75 percent	8.2	157.3	580.5	448.5	529.6	297.8	59.9	118.8	98.2	44.9
More than 75 percent	7.9	135.8	554.2	367.1	511.6	258.2	54.3	111.3	92.4	43.2
Region										
Northeast	7.4	131.1	525.6	382.3	505.0	296.2	56.1	100.4	96.8	43.7
Midwest	8.3	143.1	566.0	367.7	494.0	287.7	63.5	111.3	116.9	45.5
South	8.4	183.3	642.5	530.8	602.1	318.3	70.1	149.8	111.8	44.6
West	10.6	207.1	753.0	634.4	705.5	388.2	72.4	122.1	155.7	60.4
Locale										
City	9.0	170.4	684.9	481.4	655.2	322.8	71.2	127.2	132.6	50.3
Suburban	9.0	176.2	688.1	516.4	633.1	365.7	71.5	125.3	136.3	52.2
Town	8.1	154.0	562.9	406.9	511.7	265.9	58.7	117.8	96.8	44.6
Rural	7.7	149.9	480.5	381.7	439.7	267.4	57.2	118.5	91.7	39.7

! Interpret with caution (estimates are unstable).

<sup>1</sup> Includes principals, vice principals, and assistant principals.

<sup>2</sup> Includes English as a second language (ESL)/bilingual aides, and special education instructional and noninstructional aides.

<sup>3</sup> Includes all other aides: regular Title I aides, library media center instructional and noninstructional aides, and other classroom instructional and noninstructional aides.

<sup>4</sup> Includes secretaries and other support staff; food service personnel; custodial, maintenance, and security personnel; and other employees not reported above.

<sup>5</sup> Includes schools with a special program emphasis, such as science/math schools, performing arts schools, talented/gifted schools, foreign language immersion schools, etc.

NOTE: Estimates are for both full- and part-time staff. Full-time-equivalent calculations were completed for part-time staff within each staff category. Data for each staff category are derived from schools with staff members in those categories. Not all schools have each type of staff member. Elementary schools are defined as schools with at least one grade lower than 5 and no grade higher than 8. Middle schools are defined as schools with no grade lower than 5 and no grade higher than 8. Secondary schools are defined as schools with no grade lower than 7 and at least one grade higher than 8. Combined schools have at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are also included in combined schools. See *supplemental note 3* for more information on the Schools and Staffing Survey (SASS).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.

## Public School Staff

**Table 32-3. Percentage of public schools with staff, by staff type and school characteristics: School year 2003–04**

School characteristic	Professional instructional staff				
	Principals <sup>1</sup>	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>97</b>	<b>100</b>	<b>35</b>	<b>82</b>	<b>80</b>
Instructional level					
Elementary	98	100	36	84	74
Middle	98	100	36	93	94
Secondary	96	100	33	75	88
Combined	94	100	23	61	69
School type					
Regular	98	100	35	87	82
Special emphasis <sup>5</sup>	99	100	53	84	83
Special education	88	100	30	35	40
Vocational/technical	98	100	28	28	87
Alternative	85	100	18	17	50
Enrollment size					
Less than 300	93	100	20	61	67
300–499	99	100	37	87	81
500–999	100	100	41	91	85
1,000–1,499	99	100	46	94	94
1,500 or more	99	100	52	98	97
Percentage of students approved for free or reduced-price lunch					
10 percent or less	99	100	38	91	74
11–25 percent	98	100	30	91	86
26–50 percent	98	100	28	85	84
51–75 percent	97	100	35	81	79
More than 75 percent	97	100	49	75	76
Region					
Northeast	99	100	43	89	83
Midwest	98	100	30	80	75
South	98	100	36	87	91
West	96	100	32	69	66
Locale					
City	98	100	48	79	76
Suburban	99	100	40	87	78
Town	97	100	26	77	81
Rural	95	100	22	80	83

See notes at end of table.

## Public School Staff

**Table 32-3. Percentage of public schools with staff, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Student services professional staff					Aides			
	Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides <sup>2</sup>	Other aides <sup>3</sup>	Other staff <sup>4</sup>
<b>Total</b>	<b>95</b>	<b>80</b>	<b>71</b>	<b>84</b>	<b>38</b>	<b>95</b>	<b>80</b>	<b>87</b>	<b>99</b>
Instructional level									
Elementary	97	83	74	94	40	98	84	93	100
Middle	98	88	78	87	37	97	86	86	100
Secondary	91	74	67	62	34	87	71	75	98
Combined	80	57	46	59	30	89	68	76	97
School type									
Regular	96	83	73	88	37	97	84	91	100
Special emphasis <sup>5</sup>	96	81	76	85	53	96	79	89	100
Special education	94	70	72	80	60	92	75	46	96
Vocational/technical	70	49	25	26	41	62	37	46	100
Alternative	76	45	60	30	31	66	36	55	93
Enrollment size									
Less than 300	87	64	57	69	32	87	65	78	98
300–499	97	84	74	90	36	98	83	90	100
500–999	99	89	78	91	43	98	90	92	100
1,000–1,499	97	86	83	89	42	98	86	91	99
1,500 or more	99	88	88	88	46	100	91	94	99
Percentage of students approved for free or reduced-price lunch									
10 percent or less	98	88	87	89	39	97	86	89	99
11–25 percent	97	82	79	88	40	97	84	90	99
26–50 percent	95	82	67	84	33	97	84	90	100
51–75 percent	96	79	70	87	39	96	79	89	100
More than 75 percent	96	81	71	84	43	92	78	85	99
Region									
Northeast	99	96	87	90	45	97	77	90	99
Midwest	93	75	75	82	34	95	79	87	99
South	96	82	56	84	39	95	80	88	99
West	92	72	79	81	35	92	85	84	98
Locale									
City	97	84	81	86	44	95	81	87	99
Suburban	98	84	83	91	44	97	84	90	99
Town	93	78	65	80	34	94	78	87	99
Rural	91	74	55	77	28	93	77	85	99

<sup>1</sup> Includes principals, vice principals, and assistant principals.

<sup>2</sup> Includes English as a second language (ESL)/bilingual aides, and special education instructional and noninstructional aides.

<sup>3</sup> Includes all other aides: regular Title I aides, library media center instructional and noninstructional aides, and other classroom instructional and noninstructional aides.

<sup>4</sup> Includes secretaries and other support staff; food service personnel; custodial, maintenance, and security personnel; and other employees not reported above.

<sup>5</sup> Includes schools with a special program emphasis, such as science/math schools, performing arts schools, talented/gifted schools, foreign language immersion schools, etc.

NOTE: Estimates are for both full- and part-time staff. Full-time-equivalent calculations were completed for part-time staff within each staff category. Measures in this table are intended to reveal how many schools have access to staff. Elementary schools are defined as schools with at least one grade lower than 5 and no grade higher than 8. Middle schools are defined as schools with no grade lower than 5 and no grade higher than 8. Secondary schools are defined as schools with no grade lower than 7 and at least one grade higher than 8. Combined schools have at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are also included in combined schools. See *supplemental note 3* for more information on the Schools and Staffing Survey (SASS).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.



## Public School Staff

**Table S32-1. Standard errors for the number and percentage distribution of staff employed in public schools, by staff type and school characteristics: School year 2003–04**

School characteristic	Total staff	Professional instructional staff					
		Total	Principals	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>48,030</b>	<b>0.13</b>	<b>0.02</b>	<b>0.12</b>	<b>0.03</b>	<b>0.01</b>	<b>0.02</b>
Instructional level							
Elementary	46,680	0.18	0.02	0.18	0.04	0.02	0.02
Middle	37,210	0.30	0.04	0.30	0.05	0.02	0.04
Secondary	34,250	0.20	0.03	0.20	0.03	0.02	0.04
Combined	16,680	0.58	0.08	0.59	0.08	0.05	0.06
School type							
Regular	53,590	0.13	0.01	0.13	0.03	0.01	0.02
Special emphasis	22,640	0.67	0.07	0.65	0.19	0.04	0.07
Special education	8,620	3.33	0.22	3.35	0.32	0.09	0.20
Vocational/technical	6,430	1.43	0.28	1.47	0.21	0.14	0.18
Alternative	9,330	1.22	0.31	1.26	0.18	0.11	0.28
Enrollment size							
Less than 300	21,510	0.36	0.06	0.36	0.06	0.06	0.05
300–499	34,700	0.27	0.03	0.24	0.06	0.03	0.03
500–999	47,240	0.21	0.02	0.20	0.03	0.02	0.03
1,000–1,499	28,540	0.32	0.04	0.30	0.06	0.02	0.05
1,500 or more	32,050	0.35	0.04	0.35	0.07	0.02	0.08
Percentage of students approved for free or reduced-price lunch							
10 percent or less	30,790	0.35	0.03	0.33	0.07	0.04	0.05
11–25 percent	30,460	0.31	0.03	0.30	0.05	0.02	0.04
26–50 percent	35,880	0.23	0.03	0.22	0.04	0.02	0.03
51–75 percent	27,270	0.30	0.04	0.30	0.06	0.03	0.04
More than 75 percent	37,170	0.34	0.04	0.36	0.07	0.03	0.05
Region							
Northeast	19,290	0.36	0.03	0.34	0.07	0.03	0.04
Midwest	21,390	0.24	0.03	0.22	0.05	0.03	0.03
South	22,540	0.18	0.03	0.18	0.03	0.02	0.02
West	29,530	0.32	0.04	0.31	0.06	0.03	0.06
Locale							
City	35,140	0.23	0.03	0.25	0.06	0.02	0.04
Suburban	40,300	0.26	0.03	0.24	0.04	0.03	0.03
Town	26,840	0.33	0.04	0.31	0.05	0.03	0.04
Rural	28,660	0.23	0.03	0.24	0.03	0.03	0.03

See notes at end of table.

## Public School Staff

**Table S32-1. Standard errors for the number and percentage distribution of staff employed in public schools, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Total staff	Student services professional staff					Aides			
		Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides	Other aides	Other staff
<b>Total</b>	<b>48,030</b>	<b>0.06</b>	<b>0.01</b>	<b>0.02</b>	<b>0.01</b>	<b>0.04</b>	<b>0.12</b>	<b>0.09</b>	<b>0.11</b>	<b>0.10</b>
Instructional level										
Elementary	46,680	0.08	0.02	0.03	0.02	0.06	0.16	0.13	0.18	0.12
Middle	37,210	0.11	0.02	0.06	0.02	0.07	0.19	0.16	0.13	0.21
Secondary	34,250	0.07	0.02	0.03	0.02	0.04	0.12	0.09	0.08	0.18
Combined	16,680	0.37	0.05	0.14	0.08	0.22	0.51	0.51	0.40	0.62
School type										
Regular	53,590	0.05	0.01	0.02	0.01	0.03	0.12	0.08	0.12	0.11
Special emphasis	22,640	0.29	0.05	0.11	0.06	0.25	0.62	0.36	0.50	0.38
Special education	8,620	1.12	0.30	0.51	0.45	0.68	3.29	2.68	1.63	1.95
Vocational/technical	6,430	0.81	0.19	0.31	0.17	0.49	0.99	0.47	0.80	0.84
Alternative	9,330	0.75	0.13	0.44	0.16	0.51	0.94	0.53	0.90	0.87
Enrollment size										
Less than 300	21,510	0.19	0.04	0.07	0.05	0.12	0.32	0.26	0.24	0.31
300–499	34,700	0.11	0.03	0.04	0.03	0.07	0.26	0.16	0.24	0.17
500–999	47,240	0.07	0.02	0.03	0.02	0.06	0.20	0.15	0.18	0.15
1,000–1,499	28,540	0.12	0.03	0.04	0.03	0.10	0.23	0.20	0.20	0.28
1,500 or more	32,050	0.11	0.03	0.05	0.02	0.06	0.23	0.20	0.21	0.34
Percentage of students approved for free or reduced-price lunch										
10 percent or less	30,790	0.12	0.04	0.05	0.04	0.09	0.29	0.22	0.26	0.28
11–25 percent	30,460	0.10	0.02	0.04	0.03	0.06	0.24	0.16	0.21	0.25
26–50 percent	35,880	0.09	0.02	0.03	0.03	0.06	0.22	0.17	0.19	0.17
51–75 percent	27,270	0.12	0.03	0.04	0.03	0.07	0.29	0.24	0.28	0.20
More than 75 percent	37,170	0.17	0.04	0.07	0.04	0.12	0.31	0.20	0.27	0.25
Region										
Northeast	19,290	0.13	0.03	0.04	0.04	0.08	0.27	0.20	0.21	0.30
Midwest	21,390	0.09	0.03	0.04	0.02	0.06	0.21	0.18	0.16	0.19
South	22,540	0.08	0.02	0.03	0.02	0.06	0.16	0.12	0.16	0.14
West	29,530	0.11	0.03	0.04	0.04	0.05	0.28	0.23	0.23	0.22
Locale										
City	35,140	0.11	0.03	0.04	0.03	0.06	0.20	0.15	0.18	0.17
Suburban	40,300	0.08	0.02	0.03	0.02	0.06	0.23	0.17	0.19	0.17
Town	26,840	0.14	0.03	0.08	0.04	0.10	0.28	0.18	0.28	0.23
Rural	28,660	0.11	0.03	0.03	0.03	0.07	0.19	0.14	0.21	0.22

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.

## Public School Staff

**Table S32-2. Standard errors for the average number of students per staff member employed in public schools with such staff, by staff type and school characteristics: School year 2003–04**

School characteristic	Total staff	Professional instructional staff					
		Total	Principals	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>0.05</b>	<b>0.06</b>	<b>2.29</b>	<b>0.07</b>	<b>8.20</b>	<b>5.69</b>	<b>2.94</b>
Instructional level							
Elementary	0.05	0.09	3.52	0.10	10.08	6.75	6.88
Middle	0.10	0.13	4.94	0.15	21.46	14.29	6.19
Secondary	0.09	0.13	5.44	0.15	21.95	15.81	4.03
Combined	0.19	0.30	6.65	0.35	47.28	19.39	12.45
School type							
Regular	0.05	0.07	2.17	0.08	9.28	5.98	3.27
Special emphasis	0.21	0.26	8.24	0.29	38.03	23.97	16.06
Special education	0.40	0.66	22.35	0.69	52.20	78.34	45.12
Vocational/technical	0.86	1.26	25.58	1.52	64.90	99.61	31.43
Alternative	0.39	0.54	11.19	0.60	21.94	43.05	17.42
Enrollment size							
Less than 300	0.07	0.12	2.81	0.15	8.73	4.21	4.98
300–499	0.06	0.08	3.52	0.09	13.77	3.84	5.51
500–999	0.06	0.09	3.13	0.10	11.82	5.73	5.54
1,000–1,499	0.12	0.16	4.97	0.18	28.51	16.62	7.39
1,500 or more	0.25	0.36	9.76	0.40	50.66	39.67	10.97
Percentage of students approved for free or reduced-price lunch							
10 percent or less	0.19	0.27	7.72	0.30	23.05	21.45	10.04
11–25 percent	0.12	0.16	5.21	0.17	25.41	14.83	6.05
26–50 percent	0.07	0.11	4.05	0.12	22.56	9.33	4.44
51–75 percent	0.10	0.15	4.85	0.17	23.88	12.84	7.70
More than 75 percent	0.11	0.15	5.25	0.17	14.63	14.79	11.86
Region							
Northeast	0.08	0.11	4.45	0.12	12.15	11.44	5.99
Midwest	0.10	0.15	4.73	0.17	19.35	10.42	7.09
South	0.06	0.08	3.09	0.09	14.24	8.12	4.17
West	0.13	0.15	7.38	0.16	28.41	21.92	9.72
Locale							
City	0.07	0.11	3.79	0.12	18.44	10.68	7.09
Suburban	0.08	0.10	4.11	0.11	14.29	13.13	5.33
Town	0.12	0.19	5.93	0.22	20.18	11.34	7.25
Rural	0.10	0.14	4.14	0.16	23.32	9.50	5.74

See notes at end of table.

## Public School Staff

**Table S32-2. Standard errors for the average number of students per staff member employed in public schools with such staff, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Total staff	Student services professional staff					Aides			
		Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides	Other aides	Other staff
<b>Total</b>	<b>0.05</b>	<b>2.00</b>	<b>5.92</b>	<b>7.25</b>	<b>6.47</b>	<b>9.04</b>	<b>0.81</b>	<b>1.85</b>	<b>2.20</b>	<b>0.39</b>
Instructional level										
Elementary	0.05	1.93	7.05	6.48	5.66	10.13	0.70	2.26	1.74	0.50
Middle	0.10	5.90	16.14	20.99	15.75	29.89	2.02	3.76	6.95	0.87
Secondary	0.09	6.58	21.90	20.50	32.00	25.54	2.14	3.75	7.43	0.70
Combined	0.19	8.17	21.79	20.75	25.15	19.97	2.38	5.38	5.58	1.18
School type										
Regular	0.05	2.06	6.26	6.35	6.39	10.66	0.83	1.83	2.41	0.42
Special emphasis	0.21	10.47	31.83	37.20	39.54	42.43	4.88	9.56	10.81	1.55
Special education	0.40	2.92	19.32	9.82	20.85	9.16	2.85	2.23	11.58	3.20
Vocational/technical	0.86	28.58	94.95	86.39	223.67	35.06	17.85	31.98	27.18	4.55
Alternative	0.39	4.84	21.72	17.08	34.04	16.08	4.87	9.33	8.37	2.59
Enrollment size										
Less than 300	0.07	1.90	5.60	5.71	5.67	7.06	0.83	2.27	1.56	0.70
300–499	0.06	2.47	6.19	8.07	7.88	11.23	1.15	2.70	2.50	0.53
500–999	0.06	3.06	9.33	11.06	9.79	16.80	1.23	2.91	3.67	0.58
1,000–1,499	0.12	9.06	24.78	25.38	40.62	52.54	3.17	6.22	10.71	1.16
1,500 or more	0.25	22.07	80.57	65.62	89.39	62.02	4.32	6.83	23.87	1.77
Percentage of students approved for free or reduced-price lunch										
10 percent or less	0.19	5.85	24.99	20.46	25.35	30.27	3.09	5.54	9.11	1.57
11–25 percent	0.12	5.46	16.67	17.24	20.90	19.19	2.29	4.40	6.15	1.02
26–50 percent	0.07	3.99	12.79	13.36	13.28	19.05	1.37	3.28	3.90	0.62
51–75 percent	0.10	4.29	16.99	13.05	14.73	15.42	1.56	4.25	3.94	0.72
More than 75 percent	0.11	4.85	16.95	17.17	18.51	17.24	1.55	3.77	3.61	0.84
Region										
Northeast	0.08	3.28	10.14	10.31	14.13	18.11	1.42	3.05	3.29	1.00
Midwest	0.10	3.12	10.91	9.54	11.13	13.38	1.50	3.66	3.12	0.81
South	0.06	3.92	10.92	16.81	10.73	14.05	1.27	3.87	2.94	0.44
West	0.13	6.16	22.40	24.36	27.15	18.58	2.16	4.15	7.47	1.04
Locale										
City	0.07	4.26	17.28	13.75	17.68	16.17	1.39	3.18	4.25	0.68
Suburban	0.08	3.47	12.73	11.39	13.57	15.85	1.70	3.37	4.76	0.69
Town	0.12	5.17	18.06	21.88	17.66	19.63	1.54	3.90	3.85	0.82
Rural	0.10	4.11	9.50	11.43	10.84	18.18	1.21	3.10	2.98	0.76

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.

## Public School Staff

Table S32-3. Standard errors for the percentage of public schools with staff, by staff type and school characteristics: School year 2003–04

School characteristic	Professional instructional staff				
	Principals	Teachers	Instructional coordinators and supervisors	Librarians/library media specialists	School counselors
<b>Total</b>	<b>0.3</b>	<b>†</b>	<b>0.8</b>	<b>0.6</b>	<b>0.6</b>
Instructional level					
Elementary	0.3	†	1.2	0.9	0.8
Middle	0.7	†	1.8	1.3	1.1
Secondary	0.7	†	1.2	1.7	1.7
Combined	1.4	†	1.9	2.2	2.5
School type					
Regular	0.2	†	0.9	0.6	0.6
Special emphasis	0.7	†	3.7	2.5	2.5
Special education	4.8	†	5.1	5.2	6.1
Vocational/technical	1.0	†	4.5	6.1	3.9
Alternative	2.8	†	2.9	2.7	4.3
Enrollment size					
Less than 300	0.8	†	1.3	1.7	1.5
300–499	0.3	†	1.5	1.0	1.1
500–999	0.2	†	1.1	0.8	1.0
1,000–1,499	0.3	†	2.4	1.4	1.4
1,500 or more	0.4	†	2.2	0.8	1.1
Percentage of students approved for free or reduced-price lunch					
10 percent or less	0.6	†	2.4	2.1	2.5
11–25 percent	0.4	†	1.6	1.0	1.5
26–50 percent	0.4	†	1.4	1.1	1.2
51–75 percent	1.1	†	1.9	1.7	1.6
More than 75 percent	1.2	†	2.1	2.2	1.9
Region					
Northeast	0.3	†	1.9	1.1	1.3
Midwest	0.5	†	1.5	1.4	1.3
South	0.4	†	1.3	0.9	0.8
West	0.7	†	1.6	1.6	1.9
Locale					
City	0.4	†	1.6	1.3	1.3
Suburban	0.3	†	1.4	0.8	1.1
Town	0.9	†	1.7	1.9	2.1
Rural	0.7	†	1.3	1.4	1.4

See notes at end of table.

## Public School Staff

**Table S32-3. Standard errors for the percentage of public schools with staff, by staff type and school characteristics: School year 2003–04—Continued**

School characteristic	Student services professional staff					Aides			
	Total	Nurses	Social workers and psychologists	Speech therapists	Other professional staff	Total	Special needs aides	Other aides	Other staff
<b>Total</b>	<b>0.3</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.4</b>	<b>0.6</b>	<b>0.5</b>	<b>0.2</b>
Instructional level									
Elementary	0.3	0.7	0.9	0.5	1.0	0.3	0.8	0.6	0.1
Middle	0.4	1.1	1.6	1.7	2.2	0.8	1.4	1.4	0.1
Secondary	0.9	1.3	1.1	1.6	1.3	1.5	1.6	1.5	0.5
Combined	2.7	2.4	2.2	2.3	2.1	1.3	2.3	2.1	0.9
School type									
Regular	0.3	0.6	0.7	0.5	0.8	0.3	0.5	0.4	0.1
Special emphasis	1.2	3.0	3.2	2.2	2.9	1.2	2.8	2.0	0.1
Special education	2.4	6.4	4.5	4.4	6.6	2.1	5.0	5.6	1.7
Vocational/technical	4.8	5.1	3.8	5.8	5.3	5.0	4.6	5.1	#
Alternative	2.9	3.8	3.3	4.8	2.9	3.9	3.8	3.8	1.9
Enrollment size									
Less than 300	1.0	1.6	1.4	1.6	1.4	1.2	1.5	1.4	0.4
300–499	0.4	1.0	1.3	0.8	1.4	0.3	1.0	0.9	0.1
500–999	0.2	1.0	1.0	0.7	1.2	0.4	0.7	0.8	0.2
1,000–1,499	1.1	1.8	1.7	1.5	2.2	0.7	1.9	1.6	0.2
1,500 or more	0.4	2.0	1.6	2.0	2.8	0.3	1.5	1.0	0.4
Percentage of students approved for free or reduced-price lunch									
10 percent or less	0.4	1.4	1.5	1.2	2.3	0.8	1.6	1.5	0.3
11–25 percent	0.6	1.1	1.4	0.9	1.9	0.5	1.3	0.8	0.2
26–50 percent	0.6	1.1	1.3	1.0	1.3	0.4	1.0	0.7	0.1
51–75 percent	0.9	1.4	1.7	1.5	1.6	1.1	1.5	1.4	#
More than 75 percent	0.7	1.7	2.0	1.7	2.3	1.8	1.9	2.1	0.4
Region									
Northeast	0.4	0.8	1.0	1.2	1.7	0.7	1.7	1.0	0.2
Midwest	0.7	1.3	1.1	0.9	1.5	0.6	1.2	1.0	0.3
South	0.4	0.9	1.2	0.9	1.2	0.5	0.9	0.8	0.2
West	1.0	1.7	1.2	1.6	1.4	1.2	1.3	1.4	0.3
Locale									
City	0.6	1.0	1.2	1.0	1.5	0.8	1.1	1.1	0.3
Suburban	0.3	1.2	1.0	0.7	1.4	0.5	1.2	0.9	0.2
Town	1.1	1.7	1.9	1.5	1.9	1.1	1.7	1.3	0.3
Rural	0.7	1.2	1.3	1.4	1.2	1.0	1.2	1.1	0.4

† Not applicable.

# Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2003–04.