

Table 102.—Percent of public schools with building deficiencies and renovation plans, by level, enrollment size, metropolitan status, and free lunch eligibility: 1999

Type of school condition	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status			Percent of students eligible for free or reduced-price lunch			
		Elementary	Secondary	Less than 300	300 to 599	600 or more	Central city	Urban fringe/large town	Rural/small town	Less than 20 percent	20 to 39 percent	40 to 69 percent	70 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Estimated number of schools²	78,313 (632)	59,940 —	15,505 —	18,095 —	31,942 —	28,275 —	21,294 —	27,846 —	29,173 —	21,216 —	20,915 —	20,947 —	15,234 —
Estimated enrollment, in thousands	45,000 (575)	—	—	—	—	—	—	—	—	—	—	—	—
Percent of schools with temporary buildings	39 (2.0)	40 (2.5)	37 (2.9)	21 (4.3)	39 (3.1)	50 (2.5)	45 (3.6)	44 (3.1)	29 (2.9)	35 (3.3)	36 (3.0)	42 (3.7)	43 (4.6)
Percent of buildings in less than adequate condition													
Original buildings	19 (1.6)	19 (1.8)	21 (2.3)	22 (3.8)	19 (2.4)	18 (2.0)	20 (2.7)	18 (2.6)	19 (2.5)	20 (3.1)	18 (2.4)	16 (2.5)	25 (4.2)
Permanent additions	16 (1.8)	17 (2.1)	14 (2.5)	16 (3.5)	17 (2.7)	14 (2.4)	18 (3.6)	17 (2.8)	14 (2.5)	8 (2.3)	13 (3.3)	16 (3.2)	30 (5.1)
Temporary buildings	19 (2.2)	18 (2.4)	21 (4.5)	—	22 (3.5)	20 (3.0)	19 (3.8)	18 (3.4)	19 (4.1)	17 (4.4)	16 (3.9)	19 (3.3)	25 (5.3)
Percent of schools with building features rated as less than adequate													
At least one feature less than adequate	50 (1.5)	49 (1.9)	56 (3.0)	55 (4.6)	50 (2.9)	49 (2.3)	56 (3.7)	44 (3.2)	52 (2.6)	45 (3.4)	45 (3.7)	53 (3.3)	63 (4.5)
Roofs	22 (1.7)	22 (1.9)	26 (3.1)	24 (3.8)	22 (2.9)	22 (1.9)	23 (3.2)	19 (2.6)	25 (2.9)	18 (2.9)	21 (2.8)	22 (2.9)	32 (4.6)
Framing, floors, and foundations	14 (1.3)	14 (1.6)	16 (2.2)	19 (3.1)	12 (2.3)	14 (1.8)	12 (2.5)	13 (1.9)	17 (2.5)	14 (2.4)	11 (2.3)	16 (2.3)	17 (3.9)
Exterior walls, finishes, windows, doors	24 (1.5)	23 (1.9)	27 (2.7)	31 (3.9)	21 (2.6)	23 (1.8)	27 (3.1)	21 (2.5)	25 (3.0)	21 (2.6)	21 (2.8)	25 (2.6)	30 (4.4)
Interior finishes, trim	17 (1.4)	17 (1.7)	20 (2.3)	20 (3.2)	16 (2.4)	18 (2.1)	20 (3.2)	16 (2.1)	17 (2.4)	14 (2.4)	14 (2.6)	17 (2.5)	26 (4.2)
Plumbing	25 (1.7)	24 (1.9)	28 (2.7)	28 (4.4)	27 (3.2)	20 (2.1)	28 (3.4)	21 (2.3)	26 (2.5)	23 (3.1)	23 (2.8)	23 (3.4)	32 (4.3)
Heating, ventilation, air conditioning	29 (1.5)	28 (1.8)	34 (2.5)	29 (3.8)	32 (2.9)	26 (1.8)	30 (3.0)	27 (2.5)	30 (3.0)	27 (2.5)	28 (3.0)	27 (2.7)	35 (4.2)
Electric power	22 (1.4)	21 (1.8)	25 (2.6)	23 (3.5)	21 (2.9)	22 (1.8)	26 (2.9)	21 (2.2)	19 (2.4)	18 (2.5)	20 (2.4)	21 (2.6)	30 (4.6)
Electrical lighting	17 (1.5)	17 (1.9)	19 (2.3)	19 (3.2)	17 (2.7)	16 (1.8)	18 (2.7)	15 (2.0)	20 (2.3)	15 (2.3)	15 (2.3)	18 (2.7)	24 (5.2)
Life safety features	20 (1.3)	19 (1.6)	22 (2.8)	26 (4.1)	21 (2.4)	16 (1.7)	21 (2.9)	17 (2.1)	23 (2.9)	16 (2.6)	18 (2.1)	22 (3.3)	27 (3.5)
Percent of schools needing to spend money to bring schools into good overall condition	76 (1.5)	75 (1.7)	79 (2.8)	82 (3.6)	74 (2.3)	74 (2.0)	81 (2.7)	70 (3.1)	78 (2.1)	73 (3.2)	73 (3.2)	77 (2.7)	84 (3.4)
Cost per student for all schools	\$2,900 (159)	\$2,500 (159)	\$3,400 (379)	\$3,900 (602)	\$3,300 (376)	\$2,500 (220)	\$2,900 (327)	\$2,600 (251)	\$3,300 (339)	\$2,900 (292)	\$2,800 (301)	\$3,000 (424)	\$2,600 (325)
Cost per student for schools needing to spend money	\$3,800 (192)	\$3,500 (217)	\$4,300 (442)	\$4,800 (702)	\$4,600 (503)	\$3,300 (288)	\$3,500 (384)	\$3,800 (335)	\$4,400 (442)	\$4,100 (427)	\$3,900 (383)	\$3,900 (509)	\$3,200 (366)
Percent of schools rating environment factors as unsatisfactory													
At least one factor is unsatisfactory	43 (1.6)	41 (2.1)	48 (2.8)	45 (4.6)	46 (3.0)	39 (2.0)	47 (3.8)	37 (2.9)	47 (2.9)	38 (3.4)	42 (3.2)	41 (3.6)	55 (4.4)
Lighting	12 (1.4)	12 (1.8)	12 (2.0)	12 (2.9)	14 (2.4)	10 (1.4)	14 (2.6)	11 (1.7)	12 (2.2)	8 (2.0)	13 (2.4)	10 (2.2)	19 (4.0)
Heating	17 (1.3)	16 (1.6)	19 (2.5)	16 (3.3)	18 (2.5)	16 (1.6)	18 (2.6)	16 (2.1)	16 (2.2)	15 (2.1)	18 (2.7)	18 (2.7)	18 (3.2)
Ventilation	26 (1.4)	25 (1.7)	31 (2.8)	27 (3.9)	31 (2.8)	21 (2.1)	30 (3.2)	20 (2.8)	29 (2.9)	24 (3.2)	29 (2.8)	24 (2.9)	29 (3.2)
Indoor air quality	18 (1.3)	18 (1.6)	18 (2.4)	19 (3.4)	20 (2.3)	16 (1.7)	22 (3.2)	13 (2.3)	21 (2.4)	14 (2.3)	20 (3.0)	17 (2.6)	24 (3.5)
Acoustics or noise-control	18 (1.1)	17 (1.4)	20 (2.8)	22 (3.8)	19 (2.2)	12 (1.9)	20 (2.6)	13 (1.9)	21 (2.7)	14 (2.3)	18 (2.6)	15 (2.5)	25 (3.8)
Physical security of buildings	20 (1.2)	17 (1.5)	26 (3.1)	21 (3.6)	21 (2.4)	18 (1.7)	14 (2.6)	17 (2.1)	26 (2.7)	17 (2.0)	22 (2.7)	21 (3.0)	17 (3.6)
Average years since original construction	40 (0.8)	40 (1.0)	40 (1.6)	43 (1.7)	42 (1.5)	35 (1.0)	42 (1.2)	37 (1.1)	41 (1.5)	38 (1.6)	38 (1.6)	40 (1.4)	44 (1.7)
Average years since most recent renovation	11 (0.6)	11 (0.6)	11 (0.9)	15 (1.4)	11 (1.0)	9 (0.6)	12 (1.2)	10 (0.8)	12 (0.9)	11 (1.0)	11 (1.0)	11 (1.0)	11 (1.5)
Average functional age ³ of school	16 (0.6)	16 (0.8)	15 (0.8)	20 (1.6)	15 (1.1)	14 (0.8)	17 (1.3)	14 (0.8)	16 (1.1)	14 (1.0)	16 (1.1)	14 (1.1)	19 (1.6)
Distribution, by functional age ³	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Less than 5 years old	32 (1.5)	30 (1.6)	37 (2.7)	25 (4.1)	32 (2.7)	37 (2.4)	30 (3.6)	34 (2.9)	32 (2.9)	32 (3.4)	30 (2.9)	37 (3.8)	30 (4.0)
5 to 14 years old	28 (1.5)	30 (1.9)	24 (2.8)	21 (3.7)	32 (2.7)	28 (2.4)	27 (3.1)	31 (2.7)	26 (2.7)	33 (3.7)	30 (3.0)	24 (3.0)	23 (3.7)
15 to 34 years old	26 (1.4)	25 (1.6)	29 (2.9)	35 (4.1)	23 (2.4)	23 (2.0)	26 (2.8)	23 (2.2)	29 (2.9)	24 (3.1)	25 (2.6)	28 (2.7)	26 (4.0)
35 or more years old	14 (1.4)	15 (1.7)	10 (2.0)	20 (3.6)	13 (2.5)	12 (1.8)	17 (2.9)	12 (1.9)	13 (2.4)	11 (2.2)	15 (2.7)	11 (2.2)	13 (3.9)
Percentage distribution of schools, by enrollment capacity	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Underenrolled by more than 25 percent	19 (1.5)	17 (1.7)	21 (2.7)	41 (5.0)	15 (2.5)	8 (1.4)	16 (3.0)	12 (2.0)	27 (2.7)	15 (2.4)	19 (3.1)	15 (2.7)	27 (4.0)
Underenrolled by 6 to 25 percent	33 (1.7)	31 (2.1)	43 (3.0)	30 (4.2)	37 (2.8)	31 (3.4)	33 (3.3)	36 (3.0)	30 (3.2)	38 (3.2)	34 (3.2)	33 (4.0)	26 (4.1)
Enrollment within 5 percent of capacity	26 (1.5)	28 (2.0)	17 (1.9)	16 (3.4)	29 (2.6)	30 (2.0)	24 (2.9)	28 (2.8)	26 (2.4)	24 (3.3)	26 (3.0)	29 (3.4)	24 (3.9)
Overcrowded by 6 to 25 percent	14 (1.2)	15 (1.5)	11 (1.9)	10 (2.9)	14 (2.5)	18 (1.6)	15 (1.8)	17 (2.0)	11 (2.4)	16 (2.8)	13 (2.4)	16 (2.6)	12 (2.6)
Overcrowded by more than 25 percent	8 (0.9)	8 (1.1)	8 (1.8)	4 (1.6)	5 (1.2)	14 (1.8)	11 (2.3)	8 (1.6)	6 (1.3)	6 (1.6)	8 (1.8)	7 (2.0)	12 (2.9)
Percent of schools with plans to make building improvements in next 2 years													
At least one major repair, renovation, or replacement planned	51 (1.6)	49 (2.2)	57 (3.1)	45 (4.4)	52 (2.9)	53 (2.4)	55 (3.8)	50 (3.3)	48 (3.2)	52 (3.8)	44 (3.1)	52 (3.4)	56 (3.9)
Major repair or renovation planned	41 (1.8)	39 (2.3)	48 (3.2)	36 (4.2)	40 (3.1)	45 (2.6)	48 (3.6)	40 (3.2)	36 (2.9)	41 (3.5)	36 (3.2)	43 (3.5)	46 (4.1)
Replacement planned	25 (1.2)	23 (1.6)	28 (2.6)	19 (3.2)	26 (2.2)	27 (2.1)	29 (3.2)	24 (2.4)	22 (2.2)	25 (3.4)	21 (2.7)	25 (3.2)	30 (3.7)
Percent of schools with construction projects planned in next 2 years													
Build permanent addition	20 (1.4)	19 (1.7)	23 (2.8)	17 (3.0)	19 (2.4)	24 (1.7)	17 (2.0)	25 (2.4)	17 (2.0)	23 (2.9)	18 (2.5)	21 (3.0)	18 (3.3)
Install new temporary buildings	10 (1.1)	10 (1.3)	13 (1.9)	6 (1.9)	6 (1.4)	18 (2.1)	11 (2.4)	13 (1.7)	7 (1.4)	10 (2.1)	12 (2.3)	10 (2.1)	9 (2.1)

—Not available.

¹ Combined elementary/secondary schools not shown separately, but included in total and in other categories.

² Excludes special education, vocational, and alternative schools, as well as those schools offering only preprimary education.

³ Functional age is defined as the age of the school based on the year of the most recent renovation or the year of construction of the main instructional building(s) if no renovation has occurred.

NOTE: Data are derived from sample surveys and are subject to sampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Condition of America's Public School Facilities: 1999*. (This table was prepared August 2000.)