

Table 421. Public schools and instructional rooms with access to the Internet, by selected school characteristics: 1994 to 2002

Schools, computers, instructional rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch ²			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
Estimated total number of schools														
1995	77,853	57,705	18,083	20,673	50,044	7,136	17,906	18,464	19,539	21,944	37,450	13,627	12,808	13,166
1997	79,125	59,695	19,430	20,540	51,169	7,416	21,071	23,419	21,998	21,998	37,525	12,250	16,302	12,864
1998	78,791	59,173	19,193	20,095	50,655	8,041	20,698	26,285	11,306	20,522	38,156	12,088	13,967	14,541
1999	78,399	59,575	17,110	20,018	50,389	7,992	21,034	26,245	11,235	19,885	35,653	13,908	16,099	11,993
2000	80,127	59,782	18,414	20,667	51,887	8,173	21,115	26,584	11,879	20,550	36,563	12,414	17,030	13,912
2001	81,066	61,640	17,627	20,665	51,968	8,433	17,997	26,260	10,180	26,628	34,928	14,753	16,627	14,710
2002	82,036	62,134	17,608	21,429	51,876	8,731	18,550	26,431	10,774	26,290	34,989	13,243	19,040	14,765
1998 (standard error)	(333)	(293)	(479)	(467)	(165)	(88)	(98)	(182)	(182)	(273)	(1,530)	(1,185)	(991)	(1,263)
1999 (standard error)	(665)	(722)	(681)	(681)	(291)	(605)	(514)	(506)	(343)	(506)	(1,211)	(977)	(1,067)	(949)
2000 (standard error)	(650)	(569)	(697)	(206)	(217)	(1,380)	(1,746)	(1,478)	(1,323)	(1,478)	(1,215)	(792)	(1,071)	(923)
2001 (standard error)	(492)	(527)	(589)	(274)	(139)	(1,416)	(1,002)	(1,087)	(746)	(1,087)	(1,191)	(1,203)	(995)	(814)
2002 (standard error)	(780)	(647)	(761)	(253)	(145)	(963)	(922)	(1,080)	(1,080)	(1,194)	(1,194)	(1,050)	(1,134)	(862)
Percent of schools having access to the Internet														
1994	35	30	49	30	35	58	40	38	29	35	39	35	32	18
1995	50	46	65	39	52	69	47	59	47	48	60	48	41	31
1996	65	61	77	66	66	80	64	75	61	60	74	59	53	53
1997	78	75	89	78	78	89	74	78	84	78	86	81	71	62
1998	89	88	94	89	89	95	92	85	90	92	92	93	88	79
1999	95	94	98	96	94	96	93	96	94	96	95	98	96	89
2000	98	97	100	98	98	99	96	98	98	99	99	99	97	94
2001	99	99	100	99	99	100	97	99	100	100	99	100	99	97
2002	99	99	100	99	100	100	99	100	98	98	98	100	100	99
1998 (standard error)	(1.3)	(1.6)	(2.1)	(3.4)	(1.4)	(2.4)	(2.1)	(2.8)	(3.2)	(3.4)	(2.0)	(2.2)	(3.0)	(3.7)
1999 (standard error)	(0.8)	(1.0)	(0.8)	(1.5)	(1.0)	(1.7)	(1.5)	(1.2)	(2.5)	(1.4)	(1.1)	(0.9)	(1.7)	(3.1)
2000 (standard error)	(0.5)	(0.7)	(0.2)	(1.7)	(0.5)	(0.6)	(1.1)	(1.2)	(1.2)	(0.9)	(0.7)	(0.7)	(1.3)	(1.7)
2001 (standard error)	(0.3)	(0.4)	(0.2)	(1.0)	(0.4)	(0.4)	(1.4)	(0.5)	(0.4)	(0.1)	(0.6)	(0.4)	(0.5)	(1.1)
2002 (standard error)	(0.5)	(0.6)	(0.5)	(1.7)	(0.2)	(0.4)	(0.7)	(0.7)	(2.2)	(1.0)	(1.0)	(0.4)	(0.4)	(0.9)
Number of computers for instructional purposes, in thousands														
1995 ⁵	5,621	3,453	2,021	850	3,600	1,171	1,497	1,526	1,404	1,195	2,905	806	950	882
1997	5,959	3,701	2,258	839	3,767	1,353	1,727	2,084	934	1,214	3,154	886	1,013	890
1998	7,111	4,519	2,549	952	4,414	1,744	2,148	2,606	1,047	1,311	3,630	1,105	1,127	1,235
1999	7,806	4,923	2,728	1,021	4,952	1,834	2,320	2,975	1,022	1,489	3,900	1,245	1,429	1,170
2000	8,776	5,296	3,271	1,135	5,524	2,117	2,537	3,396	1,155	1,689	4,371	1,373	1,606	1,384
2001	10,058	6,165	3,654	1,085	6,273	2,700	2,685	3,791	1,134	2,448	4,781	1,707	1,862	1,698
2002	10,711	6,775	3,705	1,347	6,533	2,831	2,662	4,043	1,320	2,686	4,982	1,673	2,265	1,792
1998 (standard error)	(183)	(145)	(94)	(53)	(136)	(106)	(74)	(129)	(58)	(77)	(198)	(114)	(89)	(155)
1999 (standard error)	(147)	(114)	(103)	(76)	(127)	(101)	(113)	(121)	(50)	(75)	(152)	(115)	(116)	(98)
2000 (standard error)	(174)	(148)	(113)	(73)	(121)	(103)	(119)	(213)	(132)	(131)	(147)	(93)	(112)	(107)
2001 (standard error)	(180)	(165)	(98)	(57)	(140)	(85)	(192)	(168)	(78)	(142)	(206)	(120)	(132)	(117)
2002 (standard error)	(237)	(187)	(105)	(101)	(181)	(101)	(158)	(173)	(172)	(164)	(170)	(172)	(137)	(136)
Mean number of instructional computers per school														
1995 ⁵	72	60	112	41	72	164	84	83	72	54	78	59	74	67
1997	75	62	116	41	74	183	82	89	74	55	84	72	81	69
1998	90	76	133	47	87	217	104	99	93	64	95	91	81	85
1999	100	83	159	51	106	229	110	113	91	75	109	90	89	98
2000	110	89	178	57	106	259	120	128	97	82	120	111	94	99
2001	124	100	207	52	121	320	149	144	111	92	137	116	112	115
2002	131	109	210	63	126	324	144	153	123	102	142	126	119	122
1998 (standard error)	(2.3)	(2.4)	(4.9)	(2.6)	(2.5)	(13.0)	(3.6)	(4.9)	(5.2)	(3.6)	(3.7)	(6.1)	(4.5)	(7.7)
1999 (standard error)	(2.2)	(2.2)	(6.4)	(2.5)	(2.3)	(10.7)	(4.7)	(4.2)	(4.2)	(3.6)	(2.8)	(6.8)	(5.6)	(5.2)
2000 (standard error)	(2.0)	(2.4)	(5.3)	(3.1)	(2.3)	(9.0)	(4.9)	(4.3)	(5.6)	(3.6)	(3.4)	(5.9)	(6.7)	(5.5)

See notes at end of table.

Table 421. Public schools and instructional rooms with access to the Internet, by selected school characteristics: 1994 to 2002—Continued

Schools, computers, instructional rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch ²			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
1	2	(2.3)	(6.2)	(2.5)	(2.6)	(10.1)	(6.4)	(4.7)	(6.0)	(4.0)	(4.9)	(5.8)	(6.0)	(5.0)
2001 (standard error)	(2.8)	(2.9)	(6.4)	(4.1)	(3.5)	(10.8)	(6.4)	(5.2)	(9.3)	(4.5)	(4.7)	(8.5)	(5.3)	(5.9)
Number of instructional computers with access to the Internet, in thousands														
1995 ⁵	447	232	187	59	315	73	96	131	126	94	286	46	57	36
1998	3,569	2,100	1,450	407	2,276	887	1,026	1,334	481	727	2,064	608	439	458
1999	4,809	2,773	1,945	663	2,988	1,158	1,265	1,887	691	966	2,762	778	810	428
2000	6,759	3,813	2,779	882	4,191	1,686	1,782	2,688	955	1,335	3,608	1,064	1,215	858
2001	8,500	4,936	3,357	874	5,229	2,396	2,175	3,178	1,008	2,139	4,225	1,478	1,529	1,289
2002	9,658	5,912	3,525	1,214	5,827	2,618	2,329	3,677	1,222	2,431	4,586	1,474	2,049	1,549
1998 (standard error)	(173)	(148)	(79)	(38)	(140)	(73)	(87)	(105)	(46)	(73)	(151)	(79)	(48)	(78)
1999 (standard error)	(145)	(111)	(89)	(60)	(132)	(68)	(94)	(93)	(50)	(70)	(140)	(59)	(59)	(55)
2000 (standard error)	(174)	(136)	(113)	(69)	(114)	(97)	(148)	(178)	(111)	(91)	(139)	(80)	(93)	(87)
2001 (standard error)	(176)	(144)	(92)	(61)	(139)	(89)	(164)	(150)	(74)	(137)	(196)	(105)	(114)	(101)
2002 (standard error)	(236)	(183)	(105)	(97)	(183)	(102)	(145)	(160)	(162)	(148)	(167)	(158)	(129)	(122)
Percent of instructional computers with access to the Internet														
1995 ⁵	8	7	9	7	9	6	6	9	9	8	10	6	6	4
1998	50	46	57	43	52	61	48	51	46	55	57	55	39	37
1999	62	56	71	65	60	63	55	63	68	65	71	62	57	57
2000	77	72	85	78	76	80	70	79	83	79	82	77	76	62
2001	85	80	92	81	83	89	81	84	89	87	88	85	82	76
2002	90	87	95	90	89	92	87	91	93	90	92	88	90	86
1998 (standard error)	(1.7)	(2.5)	(2.1)	(3.4)	(2.2)	(3.4)	(3.0)	(2.8)	(4.1)	(3.4)	(2.0)	(4.2)	(2.9)	(4.6)
1999 (standard error)	(1.4)	(1.6)	(2.4)	(3.0)	(1.7)	(3.6)	(2.6)	(2.4)	(3.1)	(2.7)	(2.2)	(3.6)	(2.8)	(3.6)
2000 (standard error)	(1.1)	(1.2)	(1.5)	(2.6)	(1.3)	(4.1)	(2.1)	(1.7)	(2.5)	(2.1)	(1.2)	(2.9)	(2.6)	(3.1)
2001 (standard error)	(0.8)	(1.2)	(0.8)	(2.8)	(1.4)	(1.4)	(2.1)	(1.5)	(2.1)	(1.3)	(1.2)	(2.0)	(2.5)	(2.2)
2002 (standard error)	(0.8)	(1.1)	(0.6)	(1.8)	(0.9)	(1.3)	(1.6)	(1.2)	(1.9)	(1.4)	(1.1)	(2.0)	(1.5)	(1.6)
Total number of instructional rooms, in thousands														
1997	2,625	1,720	906	335	1,725	566	830	902	388	505	1,336	375	462	447
1998	2,709	1,772	916	349	1,740	620	839	981	390	498	1,372	413	451	471
1999	2,811	1,830	926	360	1,805	645	857	1,049	375	530	1,325	477	541	437
2000	2,905	1,864	972	377	1,871	657	866	1,086	413	541	1,380	465	570	482
2001	2,851	1,854	929	332	1,829	690	726	1,068	339	718	1,299	486	551	510
2002	2,988	2,006	919	396	1,896	696	748	1,101	378	761	1,368	451	648	520
1998 (standard error)	(41)	(29)	(25)	(15)	(34)	(21)	(22)	(24)	(14)	(17)	(60)	(39)	(29)	(42)
1999 (standard error)	(36)	(33)	(29)	(26)	(30)	(30)	(29)	(33)	(16)	(23)	(46)	(34)	(42)	(34)
2000 (standard error)	(35)	(28)	(24)	(22)	(23)	(23)	(56)	(61)	(47)	(39)	(46)	(28)	(36)	(29)
2001 (standard error)	(31)	(30)	(18)	(17)	(23)	(15)	(49)	(46)	(24)	(36)	(48)	(34)	(35)	(29)
2002 (standard error)	(37)	(30)	(19)	(25)	(20)	(16)	(36)	(39)	(40)	(48)	(45)	(38)	(38)	(33)
Percent of instructional rooms with access to the Internet														
1994	3	3	4	3	3	3	4	4	3	3	3	2	4	2
1995	8	8	8	9	8	4	6	8	8	8	9	6	6	3
1996	14	13	16	15	13	16	14	16	14	14	17	12	11	5
1997	27	24	32	27	28	25	20	29	34	30	33	33	20	14
1998	51	51	52	54	53	45	47	50	55	57	57	60	41	38
1999	64	62	67	71	64	58	52	67	72	71	73	69	61	38
2000	77	76	79	83	78	70	66	78	87	85	82	81	77	60
2001	87	86	88	87	87	86	82	87	91	89	90	89	87	79
2002	92	92	91	91	93	89	88	92	96	93	93	90	91	89

See notes at end of table.

Table 421. Public schools and instructional rooms with access to the Internet, by selected school characteristics: 1994 to 2002—Continued

Schools, computers, instructional rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch ²								
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more					
															3	4	5	6	7
1	2																		
1998 (standard error)	(1.8)	(2.3)	(2.1)	(3.7)	(2.2)	(3.9)	(3.2)	(2.9)	(4.0)	(3.6)	(2.4)	(5.1)	(3.9)	(4.3)					
1999 (standard error)	(1.6)	(1.8)	(2.6)	(3.2)	(1.9)	(3.0)	(2.6)	(2.5)	(3.4)	(3.0)	(2.3)	(3.4)	(3.1)	(4.4)					
2000 (standard error)	(1.1)	(1.5)	(1.6)	(2.8)	(1.5)	(2.2)	(2.2)	(2.0)	(2.6)	(1.7)	(1.5)	(2.9)	(2.8)	(3.3)					
2001 (standard error)	(0.9)	(1.1)	(1.2)	(2.1)	(1.1)	(1.7)	(2.1)	(1.3)	(2.2)	(1.3)	(1.2)	(2.2)	(2.4)	(2.4)					
2002 (standard error)	(0.6)	(0.8)	(1.0)	(1.9)	(0.7)	(1.7)	(1.6)	(0.9)	(1.1)	(1.0)	(0.8)	(2.1)	(1.4)	(1.9)					
Number of public school students per instructional computer with access to the internet																			
1998	12.1	13.6	9.9	9.1	12.3	13.0	14.1	12.4	12.2	8.6	10.6	10.9	15.8	16.8					
1999	9.1	10.6	7.0	5.7	9.4	10.0	11.4	9.1	8.2	6.6	7.6	9.0	10.0	16.8					
2000	6.6	7.8	5.2	3.9	7.0	7.2	8.2	6.6	6.2	5.0	6.0	6.3	7.2	9.1					
2001	5.4	6.1	4.3	4.1	5.6	5.4	5.9	5.7	5.0	4.6	4.9	5.2	5.6	6.8					
2002	4.8	5.2	4.1	3.1	5.0	5.1	5.5	4.9	4.4	4.0	4.6	4.5	4.7	5.5					
1998 (standard error)	(0.6)	(0.9)	(0.4)	(0.7)	(0.7)	(1.0)	(1.2)	(0.9)	(1.2)	(0.8)	(0.6)	(1.2)	(1.4)	(2.5)					
1999 (standard error)	(0.3)	(0.4)	(0.3)	(0.4)	(0.4)	(0.6)	(0.8)	(0.4)	(0.6)	(0.4)	(0.3)	(0.4)	(0.8)	(2.2)					
2000 (standard error)	(0.1)	(0.2)	(0.2)	(0.3)	(0.2)	(0.3)	(0.4)	(0.2)	(0.3)	(0.3)	(0.2)	(0.4)	(0.4)	(0.7)					
2001 (standard error)	(0.1)	(0.2)	(0.1)	(0.3)	(0.1)	(0.2)	(0.2)	(0.2)	(0.3)	(0.1)	(0.2)	(0.2)	(0.3)	(0.3)					
2002 (standard error)	(0.1)	(0.2)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.4)	(0.2)	(0.1)	(0.3)	(0.2)	(0.3)					

¹Excludes combined elementary/secondary schools because of small sample size.

²Excludes schools with missing data for free and reduced price lunch participation.

³This estimate fell between 99.5 percent and 100.0 percent and therefore was rounded to 100 percent.

⁴Estimate of standard error is not appropriate because it would be based on an estimate of 100 percent.

⁵Includes computers used for instructional or administrative purposes.

⁶Includes all classrooms, computer labs, and library/media centers.

NOTE: Data are derived from sample surveys and are subject to sampling error. Detail may not sum to totals due to rounding of weighted estimates. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in U.S. Public Schools and Classrooms: 1994-2002*; and unpublished data (This table was prepared January 2004.)