

Ed-Tech Stats

This year, the *Technology Counts* data section shifts its focus from a state to a district lens, offering a host of charts showing how local schools and districts are using standard and emerging technologies to improve education.

For more than a decade, *Technology Counts* has examined educational technology by tracking state-level data and issuing report cards on state policies and practices. But because of a shortage of state-level data in the field, and a realization that the real action in educational technology is happening at the school and district levels, the 2010 report is not publishing state data or issuing state report cards.

Instead, it spotlights school- and district-level data on some very interesting trends, including the growth of online curricula, opportunities for online coursetaking, the use of multimedia digital content, online assessments, and school policies on cellphones, iPods, wikis and blogs, and various forms of social media, as well as several other measures of how schools and districts are using technology to improve teaching and learning.

—THE EDITORS

Percent of public school districts with written policies on acceptable student use for types of technology

Cell-phones	MP3 players/iPods	Wikis and/or blogs ¹	Social media networking websites ²	E-mail	Other Internet use
88%	72	52	76	84	92

Percent of public school districts offering various technology resources to all or some elementary or secondary school students

Online curricula				Opportunities for distance learning over the Internet or through videoconferencing				Remote access to most software used in their classes			
Elementary		Secondary		Elementary		Secondary		Elementary		Secondary	
All	Some	All	Some	All	Some	All	Some	All	Some	All	Some
47	19	53	25	30	22	46	31	9	10	12	13

E-mail accounts used for schoolwork				Electronic storage space on a server				Online access to the library catalog				Online access to databases			
Elementary		Secondary		Elementary		Secondary		Elementary		Secondary		Elementary		Secondary	
All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some
11	21	28	19	62	17	83	7	72	6	82	2	60	10	68	6

Percent of public school districts offering various technology resources to all or some elementary or secondary school teachers

Access to electronic administrative tools				Online curricula				Opportunities for distance learning				Online student-assessment tools			
Elementary		Secondary		Elementary		Secondary		Elementary		Secondary		Elementary		Secondary	
All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some
87	6	95	2	66	14	66	16	64	13	65	14	73	12	72	14

Percent of public school districts offering various technology resources to all or some elementary or secondary school teachers

Server space for posting their own Web pages or class materials				Access to online district resources				Remote access to school or district software				Access to course-management and -delivery software			
Elementary		Secondary		Elementary		Secondary		Elementary		Secondary		Elementary		Secondary	
All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some	All	Some
82	5	83	5	92	3	92	3	44	11	46	11	57	12	57	13

Percent of school library media centers with various technological services

	Number of schools with library media centers	Automated circulation system	Automated catalog(s) for student and staff use	DVD player(s) or VCR(s) for student and staff use	Technology to assist students and staff with disabilities	Average number of computer workstations	Average number of computer workstations with Internet access
All public schools	81,920	89.5%	87.2	87.2	23.9	15.2	15.0
Elementary	59,730	89.9	87.5	86.7	23.0	12.2	12.0
Secondary	17,760	92.6	90.6	89.6	26.4	26.4	26.3
Combined	4,430	72.4	69.8	84.5	25.9	11.0	10.8

Percent of public school districts keeping various types of student data in an electronic data system

Keep student data in an electronic data system	Personal data (e.g., contact information)	Demographic data	Enrollment data	Attendance data	Records on disciplinary actions	Health record data	Recent report cards	Grade history	Individual education programs (IEPs)	State standardized-assessment scores
100	99	99	99	100	91	86	95	93	89	89

Percent of public school districts offering teacher professional development and percent requiring teachers to take professional development in various technology topics

Using multimedia digital content for instruction		Using content-specific software tools for instruction		Using Internet resources and communication tools for instruction		Integrating technology into instruction		Creating or using digital portfolios		Developing curriculum plans that include using technology to address content standards		Applying technology in assessing student achievement with respect to state curriculum standards	
Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required
86	14	86	16	91	15	95	39	51	5	85	37	82	40
Using technology to access or manipulate data to guide instruction		Using student-assessment and -evaluation strategies that involve technology		Teaching via distance learning		Using technology to support collaboration		Using technology to promote dialogue on student-performance indicators and related data		Internet safety		Intellectual-property and copyright rules	
Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required	Offered	Required
83	32	74	27	47	4	80	16	72	20	89	55	77	45

Percent distribution of public school districts reporting agreement or disagreement with various statements on using educational technology in the district's instructional program

Technology is a priority for the district administration			Teachers are sufficiently trained to integrate technology into classroom instruction			Teachers are interested in using technology in classroom instruction			Technology infrastructure is adequate		
Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree
7	5	88	24	18	58	7	10	83	16	7	78
Technology support for educational technology is adequate			Funding for educational technology is adequate			Funding for educational technology is being spent in the most appropriate ways			Use of educational technology is adversely affected by competing priorities in the classroom		
Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree	Disagree	Neither agree nor disagree	Agree
22	9	68	47	11	42	8	9	83	19	27	54