

Capacity to Use Technology

	TEACHER TRAINING				ADMINISTRATOR TRAINING			ONGOING TRAINING		DATA	RENEWAL
	State standards for teachers include technology (2004-05)	Requirements for an initial teacher license include (2004-05):		Percent of schools where at least half the teachers are "beginners" when it comes to using technology (2004)	State standards for administrators include technology (2004-05)	Requirements for an initial administrator license include (2004-05):		State requires technology training or a technology test for recertification, or requires participation in technology-related professional development for (2004-05): ⁴		State regularly collects data on technology in schools (2004-05)	State has mechanism to regularly replace or update technology in all schools (2004-05) ⁶
		Technology training/coursework	Technology test			Technology training/coursework	Technology test	Teachers	Administrators		
Alabama	✓			22%	✓			✓	✓	✓	✓ ⁷
Alaska				—							
Arizona				20						✓	
Arkansas	✓			19				✓	✓	✓	
California	✓	✓ ¹	✓ ¹	23	✓				✓ ⁵	✓	✓ ⁷
Colorado	✓			15							
Connecticut	✓	✓		—	✓			✓		✓	
Delaware	✓			—	✓					✓	
District of Columbia				—							✓
Florida	✓	✓		22		✓	✓			✓	
Georgia	✓	✓ ¹	✓ ¹	12	✓	✓ ¹	✓ ¹			✓	
Hawaii				—						✓	
Idaho	✓		✓	6	✓		✓			✓	
Illinois	✓		✓	15	✓					✓	
Indiana	✓			13	✓					✓	✓
Iowa	✓	✓		13	✓					✓	
Kansas	✓			19	✓					✓	
Kentucky	✓		✓	5	✓			✓	✓	✓	✓ ⁷
Louisiana	✓			24	✓					✓	
Maine	✓	✓ ²		—							
Maryland	✓		✓	—	✓					✓	✓ ⁷
Massachusetts	✓			—	✓					✓	
Michigan	✓			22							
Minnesota				11							
Mississippi	✓			10	✓					✓	
Missouri	✓			18	✓					✓	
Montana				28							
Nebraska	✓	✓		15	✓					✓	
Nevada	✓			—						✓	
New Hampshire	✓			—	✓			✓	✓	✓	✓ ⁷
New Jersey	✓	✓		20	✓					✓	
New Mexico	✓			—						✓	
New York	✓	✓		38	✓	✓				✓	
North Carolina	✓		✓	22						✓	
North Dakota		✓	✓	—	✓					✓	
Ohio	✓	✓ ³		14	✓					✓	
Oklahoma				25						✓	
Oregon				11						✓	
Pennsylvania	✓	✓		15	✓					✓	
Rhode Island	✓			—						✓	
South Carolina	✓			21				✓		✓	
South Dakota	✓			19	✓					✓	✓
Tennessee	✓			19	✓					✓	
Texas	✓		✓	15	✓		✓			✓	
Utah				25							
Vermont	✓			—	✓					✓	
Virginia	✓	✓		13	✓	✓		✓	✓		
Washington	✓	✓		26	✓			✓		✓	
West Virginia	✓			—	✓			✓		✓	✓
Wisconsin	✓			13	✓					✓	
Wyoming				—	✓			✓	✓	✓	✓
U.S.	40	14	9	19%	32	4	4	10	7	42	5

NOTE: A dash (—) indicates that data were not available. See Page 80 for data sources and notes.
¹In California and Georgia, teachers are required to either complete technology coursework or pass a technology test. In Georgia, administrators also must meet one of the two requirements. National Board for Professional Teaching Standards certification satisfies this requirement for teachers and administrators in Georgia.
²Maine requires technology coursework only for K-8, business education, and computer-technology teachers.

³Ohio requires either coursework or a demonstration of competency, but not a specific technology test.
⁴Professional development does not have to be part of recertification requirements.
⁵California requires technology-related professional development for principals of low-performing schools only.
⁶States that have a mechanism to regularly update technology may not have one to update all technology in the state.
⁷State has a plan or requires districts to have a plan to update technology regularly. But the state has no funding mechanism to ensure that technology is regularly updated. State does not count in U.S. total.