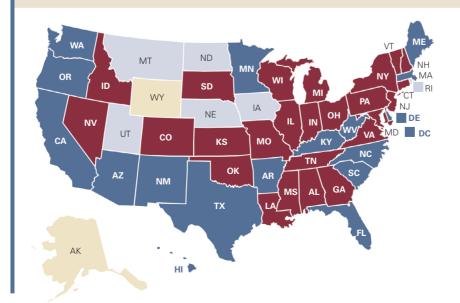
EFFORTS TO IMPROVE TEACHER QUALITY

			Teacher Education and Qualifications [35% of grade]								
			State requires minimu	•	Percent State requires clinical experiences			State has established	State requires participants in all alternative		
	Overall grade		in the subject area taught for beginning- teacher license (2005-06)		of secondary	·	raining (2005-06)	an alternative-route	routes to demonstrate subject-matter expertise before teaching (2005-06)		
		fforts	teacher licen	se (2005-06)	teachers who	3	3 (,	program to recruit	expertise before t	eaching (2005-06)	
		prove	All high school	All middle school	majored in the core	Minimum weeks	Minimum hours	individuals with	Through	Through a subject-	
	teache	r quality	teachers	teachers	academic subjects	for student	for other clinical	at least a B.A.	coursework	knowledge test	
					they teach (2000)	teaching	experiences	(2005-06)			
Louisiana	Α	94	major & minor	minor	48	9 ⁴	180	✓		✓	
South Carolina	Α	93			74	12	100	V	V	✓	
Connecticut	A-	92	major	minor	64	10		V	V	✓	
Arkansas	A-	90			64	12		V		✓	
Virginia	B+	88	major	minor	66	5 ⁴	150	V	V	✓	
Kansas	B+	87	major ¹	major ¹	64	12		✓ 6	V		
Oklahoma	В	86	major	minor	53	12	45	~	V	V	
Ohio	В	86	major ¹		61			V	√ ⁷	√ ⁷	
New Mexico	В	86	minor	minor	48	14		V	V		
New Jersey	В	86	major	minor	74	15 ⁴		V	<i>V</i>	V	
North Carolina	В	86	major ²	major ²	76	10		V	√ ⁷	v 7	
Pennsylvania	В	85	major ¹	.,	72	12		✓ 6	V	V	
Kentucky	В	85	,		60	12		V	•	•	
Alabama	В	83	major	major	65	15 ⁴	150	√ 6	V		
West Virginia	В	83	minor	Пајог	59	12	150	V	~	v	
Missouri	B-	82		minor	61	8 semester hours	2 semester hours	V	•	•	
California	B-	82	major major ²	minor	59	9	2 semester nours	V	√ ⁷	√ ⁷	
Indiana	B-	81	major ³		73	9		V	•		
	В- В-				73 74	8 ⁴	100	V 6		<i>V</i>	
New York		80	major major ³				100 50	-	<i>V</i>	•	
lowa	C+	79			69	12	50	V	V 7	√ ⁷	
Georgia	C+	79	major ¹		61	20 4		V		*	
Maryland	C+	78	major ¹		68			✓ ✓ ⁶	V	✓	
Tennessee	C+	78	major ¹		57	15					
Delaware	C+	78	. 1		55	454		V	V	✓	
Wisconsin	C+	77	major ¹	minor	79	15 ⁴		pilot		_	
Nevada	С	76	major ³		57	8 semester hours		✓ 6		V	
Washington	С	75			53			V	4.7	✓	
Florida	С	75	. 1		67	10		~	✓ ⁷	✓ ⁷	
Illinois	С	75	major ¹		64		100 F	~		✓	
Colorado	С	75	major ¹		62	13 ⁵	400 ⁵	~	V	✓	
Massachusetts	С	74			70	5 ⁴		<i>></i>		✓	
Minnesota	С	74			86	10		/			
Nebraska	С	73	major		71	14	100	✓ 6	~		
Mississippi	С	73	major ³		58	12		~		✓	
Utah	C-	72	major & minor		61			~	V		
Hawaii	C-	72			62			V	-	. 7	
Texas	C-	71			53	12		~	✓ ⁷	√ ⁷	
New Hampshire	C-	71	major		72	15 ⁴		~			
Rhode Island	C-	71	major		77						
Vermont	C-	70	major	minor	65	12	60				
Wyoming	D+	69			64	8		✓	✓		
North Dakota	D+	69	major ³		65	10					
South Dakota	D+	68	major ^{1,3}		57	10		~	✓ ⁷	✓ ⁷	
Montana	D+	67	major & minor		62			V	V		
Oregon	D	66			58	15		✓ 6			
Maine	D	66	minor		58	15					
District of Columbia	D	66			81			✓ 6		✓	
Idaho	D	65	major & minor		56	6 semester hours		V	V		
Michigan	D	65	major & minor		54	6		✓ 6			
Arizona	D	63			52			pilot		pilot	
Alaska	D	63			53			✓ 6		~	
U.S.	_	_	_	_	64	_	_	45	27	28	
- 700											

Knowing The Subject

According to the No Child Left Behind law, by the end of this school year, new teachers of core academic subjects must demonstrate knowledge of the subjects they teach by passing subject-knowledge tests or by completing subject-area majors. Almost every state now has one of those requirements in place.



- State requires high school teachers to pass subject-knowledge test (18)
- State requires high school teachers to major in the subject area taught (6)
- State requires both subject-knowledge test and major in subject (25)
- State requires neither subjectknowledge test nor major in subject (2)

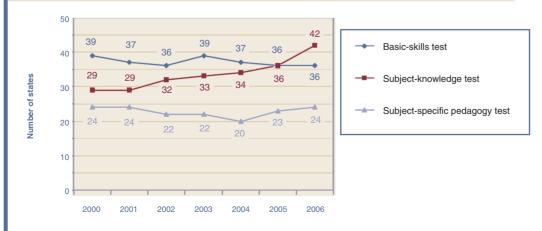
Note: California and North Carolina require high school teachers to either take a subject-knowledge test or obtain a major. They receive credit in the map for requiring a test.

SOURCE: Editorial Projects in Education Research Center, 2006

					Teache	^r Assessme	nt [30% of g	grade]					
	á	State finances and/or re alternative-route programs		State requires teachers to pass written tests for beginning-teacher license (2005-06)				State requires performance assessment for second stage of certification (2005-06)					
		Preservice training		Mentoring	Basic	s		Subject- Local specific team	State performance asses		to be tied ssment to student achievement		
		Minimum duration of preservice ⁸	Practice teaching/fieldwork		skills	All high school teachers	All middle school teachers	pedagogy	evaluation	Classroom observation	Videotaped lesson	Portfolio	(2005-06)
Louisiana	V	9 credit hours	✓	~	~	V	~	√ 12	~	V		V	~
South Carolina	~	2 weeks	4	~	V	V	V	~	~	/		~	
Connecticut	<i>V</i>	8 weeks	~	<i>V</i>	V	V	✓ ✓ 11	~		V	~	V	
Arkansas	<i>V</i>	2 weeks	V	<i>V</i>	~	~	~	✓ ¹²		V		V	V
Virginia	V	180 hours	•	~		V	~	V				V	V
Kansas Oklahoma	V	2 credit hours		~	V	V		√ 12	V			•	V
Okianoma	V	6 credit hours	~	~	V	V	V	•	•	V		V	
New Mexico	~	6 Credit Hours	•	~	V	V	~			~		~	V
New Jersey	~	4 weeks	~	~		V	~			_		_	•
North Carolina	~	2 weeks		~	V	√ ²	/ 2	V	V				
Pennsylvania		2 Weeks			V	V	~	V	•	V			
Kentucky	~	8 weeks	V	V	·	V	~	j	V	~		V	
Alabama		J Weeks		~	V	V	✓ 11						
West Virginia				~	V	V	~	V					
Missouri	~	2 weeks		~	V	V	V	V					
California	~	120 hours		V	~	√ ²	√ ²	~					
Indiana	~	18 credit hours	~	V	~	V		V			~	~	
New York	~	200 hours	~	V	V	V	✓ 11						
lowa	~	12 credit hours	~	~					V	~			
Georgia	V	4 weeks	~	V	V	~	~	V					
Maryland	~	135 hours		~	V	V		V					
Tennessee	~			V	~	~		V		~		~	V
Delaware	~	120 hours	~	~	V	V		V		~			pilot
Wisconsin	pilot		pilot ⁹	pilot	~	~	✓ 11					~	
Nevada	~	3 weeks		~	V	V		V					
Washington	~		✓ 9	V	~	~						~	
Florida	~			~	V	V	✓ 11						~
Illinois	~		✓	V	~	~	✓ 11	✓ 12					
Colorado	~			~		~							
Massachusetts	~	7 weeks	~	~	~	~	~	✓ 12					
Minnesota	~			~	~	~	~						
Nebraska	~			~	~								
Mississippi	~	90 hours		~	~	✓		~					
Utah				~		— ¹⁰						~	
Hawaii	~		~	V	~	V	V	V					_
Texas	~			~		~	✓ 11	~					~
New Hampshire	~	1 week		~	~	~							
Rhode Island								~					
Vermont		0 1111			V	~		V					
Wyoming North Dakota	~	9 credit hours		~	V	2006-07	2006-07	2006-07					
South Dakota	V	0		V	•	2006-07	2006-07	2006-07					
	~	9 credit hours		~		V							
Montana Oregon		6 credit hours		~	V	V	✓ 11						
Maine				•	V	V	_						
Maine District of Columbia	V	7 weeks	V	V	V	V		V					
Idaho	~	9 credits & 30 hours	•	~		V							
Michigan		a creatis a so nours		~	V	V							
Arizona	pilot	4 weeks		pilot	•	V					2006-07	2006-07	
Alaska	p.101	- W66//3		√	V	•					2006-07	2000 01	
U.S.	37	_	16	44	37	43	26	25	6	10	2	13	7
0.0.	_				- 0,					10			-

Testing Over Time

Since the 1999-2000 school year, there has been a swell in the number of states requiring prospective high school teachers to pass subject-knowledge tests in the content areas they will teach. The growth could be attributed to the No Child Left Behind law's requirements. Forty-two states require high school teachers to pass subject-area tests for 2005-06.



Note: The District of Columbia is not included in the analysis. Total state count=50.

SOURCE: Editorial Projects in Education Research Center, 2006

FOOTNOTES:

 $\textbf{Note:} \ \textbf{A} \ \text{dash} \ (\textbf{--}) \ \text{indicates data were not available or, in U.S. row, that a total was not appropriate.}$ States are ranked by number grade to the nearest decimal; ties are ranked alphabetically.

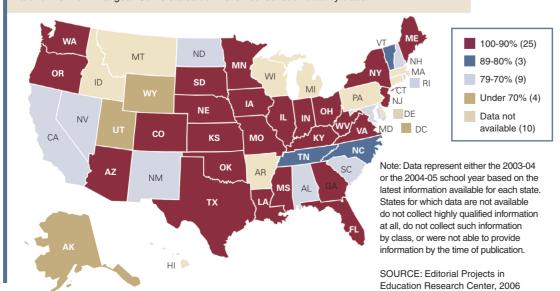
- 1 State does not stipulate the amount of coursework that constitutes a major.
- 2 State requires teacher-candidates to demonstrate subject-matter competency either by obtaining a major in the subject taught or by passing a content test. State does not receive credit for the coursework column, but does receive credit and count in the U.S. total for the subject-knowledge-test column.
- 3 State requires a major in the subject taught, but teachers can receive additional content-area endorsements by obtaining a minimum of a minor.
- 4 The EPE Research Center converted clock-hour, day, or semester requirements into weeks.
- 5 Colorado requires 800 hours of student-teaching and other kinds of clinical experience. The EPE Research Center converted 400 of those hours to estimate the minimum amount of weeks required for student-teaching.
- 6 At least one of the state's alternative routes requires participants to complete a traditional teacher-preparation program while teaching.
- 7 State requires all alternative-route participants to either pass a subject-matter exam or complete coursework.
- 8 Column reflects the minimum length of preservice that the state requires for one or more of its alternative routes. State may have other alternative routes that require a longer preservice component.
- 9 Participants in Washington state and Wisconsin's alternative routes are required to teach with their mentor teachers for at least a semester.
- 10 Utah requires teachers to pass a content test to move from a Level 1 to a Level 2 license,
- but prospective teachers need only take, not pass, content tests for initial licensure. 11 At least some of the states' middle school teachers may pass one test that covers all core academic-
- content areas, instead of tests specific to each subject area.
- 12 State requires only teachers of certain subjects, such as reading or technology, to pass subject-specific pedagogy tests.

EFFORTS TO IMPROVE TEACHER QUALITY

	Professiona	al Support ar	nd Training [20% o	f grade]					
	State requires and finances	Minimum years of state- financed mentoring (2005-06)	State	e encourages or supports or for all teache	State provides ir National Board cer	Number of National			
	mentoring for all novice teachers (2005-06)		State has written professional-development standards	State requires districts/ schools to set aside time for professional development	State finances professional development	State finances professional development for all districts	Licensure	Financial	Board-certified teachers (2005)
Louisiana	✓	2	✓		✓	✓	✓	✓	827
South Carolina	~	1	✓	✓	✓	✓	✓	✓	4,445
Connecticut	~	1	✓	✓	✓		✓		117
Arkansas	✓	1	✓	✓	✓	✓	V	~	374
Virginia	~	1	✓		✓	✓	✓	✓	905
Kansas			V		✓	✓	V	V	205
Oklahoma	~	1	V		✓	✓	V	✓	1,289
Ohio	~	1	✓		✓		✓	✓	2,523
New Mexico	~	1	under development		✓		✓	✓	178
New Jersey	✓	30 weeks	V		✓	✓	V	✓	110
North Carolina	~	2	V		✓	✓	V	✓	9,815
Pennsylvania			V		✓	✓	V		247
, Kentucky	~	1	V	V	V	/	V	V	899
Alabama			V	V	V	/	V	V	926
West Virginia	~	1	V	V	V	V	V	V	244
Missouri			V		V	V	V	V	287
California	V	2	V		V		V	V	3,377
Indiana	-	_	V		V		V	•	126
New York			V		V		V	V	588
lowa	V	2	V	V	V	~	~	V	489
Georgia	•	_	V	V	~	V	~	V	2,120
Maryland			V	•	~	~	~	~	660
Tennessee			V	V	~	<i>V</i>	~	•	173
Delaware	V	3	V	~	~	~	~	V	297
Wisconsin	2006-07	3	•	•	•	•	~	~	328
Nevada	2000-07				V	~	V	V	221
Washington			V		~	~	~	~	898
Florida			V		~	~	V	V	7,733
Illinois			•			<u> </u>	V	V	1,555
Colorado			.,				~	•	223
Massachusetts			<i>y</i>		~		V	V	430
Minnesota			V				V	•	276
Nebraska			•	V	<i>y</i>	<i>V</i>	~		41
			V	V	V	•	~		2,377
Mississippi Utah			V			.,	V	<i>V</i>	83
Hawaii			V	V	<i>y</i>	<i>V</i>	~	*	110
			•	V	•	•	V	V	
Texas New Hampshire			./				./	./	231 15
Rhode Island			<i>y</i>		V	~	<i>V</i>	V	206
Vermont					V	•	~		83
			V					V	
Wyoming North Dakota			V		<i>V</i>	V	V	<i>V</i>	61
			~	~	<i>V</i>	~	<i>V</i>	<i>V</i>	22
South Dakota					<i>V</i>		<i>V</i>	<i>V</i>	41
Montana			<i>V</i>	~	~	~	V	V	54
Oregon			V				<i>V</i>		190
Maine			~		~	~	V		94
District of Columbia							<i>V</i>		15
Idaho							V	~	317
Michigan			V	~			V		189
Arizona						,	V		277
Alaska	45		40	-15	✓	<i>V</i>	V	0.7	65
U.S.	15		40	15	39	31	50	37	47,356

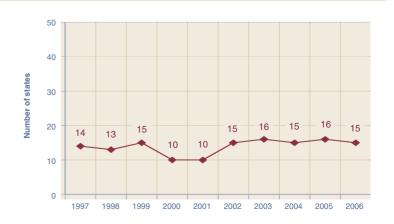
'Highly Qualified' Teachers

The No Child Left Behind law requires that all core academic classes be taught by "highly qualified" teachers by the end of this school year. Half the states report that 90 percent or more of their classes are taught by highly qualified teachers, but 12 states and the District of Columbia are further from that goal. Some states don't even collect such data by class.



Support for New Teachers

The number of states requiring and financing support for new teachers has not grown much over the years. During the 2005-06 school year, only one more state requires and pays for mentoring for new teachers compared with the 1996-97 school year.



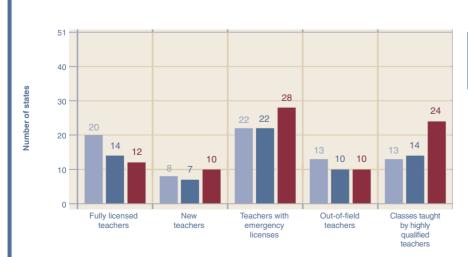
Note: The District of Columbia is not included in the analysis. Total state count=50.

SOURCE: National Commission on Teaching and America's Future, "What Matters Most: Teaching for America's Future," 1996, and Editorial Projects in Education Research Center, 2006

	Accountability fo	r Teacher Quality	[15% of grade]							
	State disc	ourages out-of-field teaching	(2005-06)	School report cards include information on the number and/or percent of (2005-06): ¹⁵						
	State has a ban or cap on the number of out-of-field teachers	State has a ban or cap on the number of teachers with emergency licenses	State requires parent notification of out-of- field or uncertified teachers in all schools	Fully licensed/ certified teachers	New teachers	Teachers with emergency licenses	Out-of-field teachers	Highly qualified teachers	Classes taught by highly qualified teachers	
Louisiana	✓			✓		✓			✓	
South Carolina	✓	2006-07				V		V		
Connecticut				✓		✓		~		
Arkansas			✓	V		V				
Virginia	✓					V			✓	
Kansas	✓			✓		✓			✓	
Oklahoma	✓									
Ohio				~		✓			V	
New Mexico	✓ ¹³	✓ ¹³	✓							
New Jersey	V	V				V		✓ ¹⁸	V	
North Carolina				✓	~	✓		-	V	
Pennsylvania	✓					✓		V		
, Kentucky	V			~			/			
Alabama	✓							V	V	
West Virginia						✓				
Missouri	✓			V		V			V	
California	V			✓	~	V	✓ 17		V	
Indiana							-	V	V	
New York		V				✓ ¹⁶	✓ ¹⁶		✓ 16	
lowa	✓						-		•	
Georgia	V				~			~		
Maryland				/		V			V	
Tennessee										
Delaware					V			V		
Wisconsin				/	~	~	/	~		
Nevada	V	V				V	/		V	
Washington						~			V	
Florida			V		~		V			
Illinois	✓					V			V	
Colorado					V		V			
Massachusetts							V	~		
Minnesota					V	V				
Nebraska	✓ ¹⁴						V			
Mississippi								V	V	
Utah	✓	✓					V			
Hawaii				V		~			✓	
Texas					~					
New Hampshire						V			V	
Rhode Island						~			V	
Vermont										
Wyoming						~		~		
North Dakota										
South Dakota						~			V	
Montana	V					V		~	V	
Oregon						~			V	
Maine										
District of Columbia										
Idaho	V									
Michigan	✓	✓								
Arizona					~	~		~	V	
Alaska									V	
U.S.	21	6	3	12	10	28	10	14	24	

Rigorous Reporting

States are increasingly including teacher-qualification data on school report cards. The No Child Left Behind law's influence is evident in the type of information states are including. About half the states now report the numbers or percentages of teachers with emergency licenses and classes taught by "highly qualified" teachers.



Note: The District of Columbia is included in the analysis. Total state count=51.

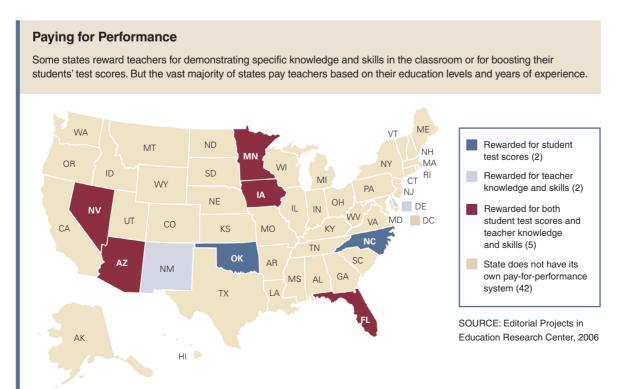
FOOTNOTES:

2004

2005 2006

- 13 State does not allow teachers with out-of-field permits or emergency licenses to be employed in failing schools or those that receive Title I aid.
- 14 While Nebraska sets a limit on out-of-field teaching, that limit is high.
- 15 The EPE Research Center used the most recently available report cards in each state as of Oct. 21, 2005. Please see the Sources and Notes on Page 101 for report card years by state.
- **16** Most school report cards in New York include this information. However, New York City schools have their own report cards with different teacher-qualification data.
- 17 California requires its School Accountability Report Cards to report on out-of-field teachers, but not all of the school report cards include the information.
- 18 State does not publish school-level data on its school report cards, but does make data available on the Web.

	Accountability fo	or Teacher Quality	Additional Information					
	St	ate holds teacher education p	programs accountable (2005-	Number of programs	Average tea (20	State has policies encouraging		
	By publishing pass rates/rankings of institutions	By publishing report cards for institutions	For graduates' performance in classroom setting	By identifying low-performing programs	identified as at-risk or low-performing (2004-05)	All teachers	Beginning teachers	pay-for- performance programs (2005-06)
Louisiana	✓	✓	pilot	V	1	\$37,123	\$29,655	✓ 20
South Carolina	✓	✓	✓	V	2	\$41,162	\$27,883	✓ 20
Connecticut	V		V	V	0	\$56,516	\$34,462	20
Arkansas	✓			V	0	\$39,226	\$26,129	✓ ²⁰
Virginia	V			V	0	\$43,936	\$32,437	
Kansas	V	✓		V	3	\$38,622	\$28,530	
Oklahoma	V		✓	V	0	\$35,061	\$29,473	✓
Ohio	V	✓	✓	V	0	\$47,791	\$28,692	✓ ²⁰
New Mexico	V			V	0	\$38,469	\$31,920	✓
New Jersey			✓	V	0	\$53,663	\$37,061	
North Carolina	V	✓	/	V	1	\$43,211	\$27,572	✓
Pennsylvania	✓			V	0	\$52,640	\$34,140	
Kentucky	V	✓	/	V	2	\$39,831	\$28,416	
Alabama	✓	✓	✓	V	1 ¹⁹	\$38,282	\$30,973	
West Virginia	V	✓		V	0	\$38,496	\$26,692	
Missouri			✓	V	0	\$38,247	\$28,938	
California	V			V	0	\$56,444	\$35,135	
Indiana	✓		✓	V	0	\$45,791	\$29,784	
New York	✓			✓	0	\$55,181	\$36,400	
lowa				✓	0	\$38,381	\$26,967	✓
Georgia	✓	✓		✓	1	\$45,848	\$35,116	
Maryland	✓			✓	0	\$50,303	\$33,760	
Tennessee	✓	✓		✓	0	\$40,318	\$30,449	
Delaware						\$51,122	\$34,566	✓
Wisconsin				✓	0	\$41,687	\$23,952	
Nevada			✓	V	0	\$43,211	\$27,942	✓ 21
Washington	✓		✓	✓	1	\$45,437	\$30,159	
Florida			✓	V	1 ¹⁹	\$40,598	\$30,969	✓
Illinois	✓	✓		✓	4	\$53,820	\$35,114	
Colorado				V	0	\$43,318	\$31,296	
Massachusetts	✓			V	0	\$53,274	\$34,041	
Minnesota	✓			✓	0	\$45,010	\$30,772	✓
Nebraska				✓	0	\$39,635	\$28,527	
Mississippi			✓	V	0	\$36,217	\$28,106	
Utah						\$38,976	\$26,130	
Hawaii				V	0	\$45,456	\$37,615	
Texas	✓			✓	_	\$40,476	\$32,741	
New Hampshire	~			V	3 ¹⁹	\$42,689	\$27,367	
Rhode Island	✓			✓	0	\$54,809	\$32,902	
Vermont				V	0	\$43,009	\$25,819	
Wyoming				✓	0	\$39,537	\$28,900	
North Dakota	✓			V	0	\$35,411	\$24,108	
South Dakota				V	0	\$33,236	\$25,504	
Montana				V	0	\$37,184	\$24,032	
Oregon				V	0	\$47,829	\$33,396	
Maine				V	1	\$39,864	\$25,901	
District of Columbia				V	0	\$62,909	\$38,566	
Idaho				V	0	\$40,111	\$25,908	
Michigan	✓			pilot		\$54,474	\$34,377	
Arizona				V	0	\$42,324	\$28,236	V
Alaska				V	0	\$51,136	\$40,027	
U.S.	29	11	14	48	20	\$46,597	\$31,704	13



FOOTNOTES:

19 In Alabama, the number of programs identified is for 2003-04. The number does not count in the U.S. total. Florida and New Hampshire identify at-risk or low-performing areas by program (such as science education) instead of at-risk or low-performing teacher-preparation institutions overall. Florida's number represents the number of institutions in the state with at-risk or low-performing program areas. New Hampshire's number represents the number of institutions in the state with conditionally approved programs.

20 State uses the Milken Family Foundation's Teacher Advancement Program (TAP). Arizona, Florida, and Minnesota use TAP, but also have their own pay-for-performance programs.

21 Nevada has allocated funds for districts to adopt a program of performance pay, teacher incentives, or mentoring.