

ARIZONA

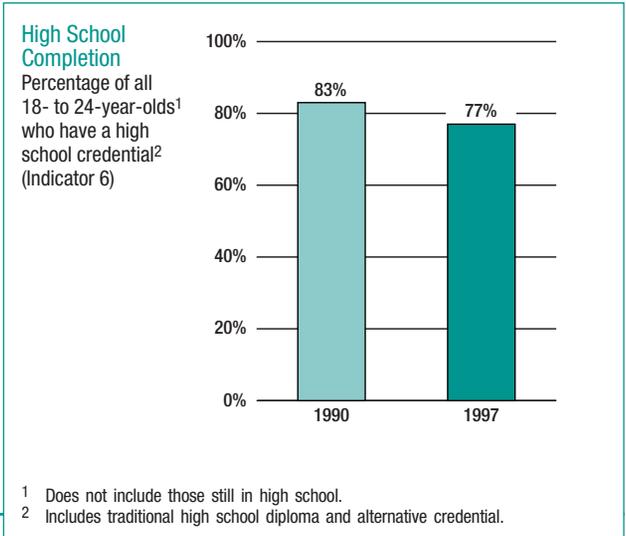
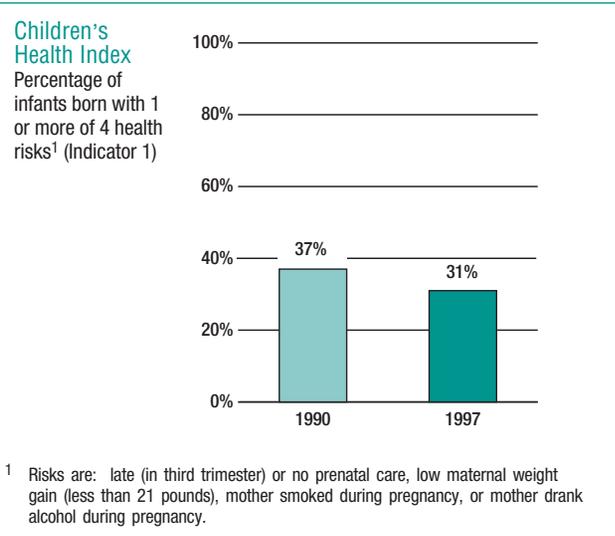
Arizona			U.S.			Range of State Scores	
baseline	update	progress?	baseline	update	progress?	baseline	update

GOAL 1	Ready to Learn							
1.	Has the percentage of infants born in the state with 1 or more of 4 health risks decreased? (1990 vs. 1997)*	37%	31%	↑	37%	33%	↑	25-48% 24-45%
2.	Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)	77%	75%	↔	75%	78%	↑	61-88% 71-87%
3.	Has the percentage of infants born at low birthweight decreased? (1990 vs. 1997)	6%	7%	↓	7%	8%	↓	5-15% 3-13%
4.	Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997)	68%	75%	↑	76%	83%	↑	47-87% 57-90%
5.	Has the number of children with disabilities in preschool (per 1,000 3- to 5-year-olds) increased? (1991 vs. 1998)	25	38	↑	■	■		16-68 14-96
GOAL 2	School Completion							
6.	Has the high school completion rate increased? (1990 vs. 1997)	83%	77%	↓	86%	85%	↔	77-96% 75-95%
7.	Has the high school dropout rate decreased? (1992)*	11%	—		■	■		3-12% —
GOAL 3	Student Achievement and Citizenship							
8.	Reading: Has the percentage of students scoring at or above Proficient increased							
	• in Grade 4? (1992 vs. 1998)*	21%	22%	↔	29%	31%	↔	3-38% 8-46%
	• in Grade 8? (1998)	28%	—		33%	—		10-42% —
9.	Writing: Has the percentage of students scoring at or above Proficient increased							
	• in Grade 8? (1998)	21%	—		27%	—		9-44% —

KEY

- ↑ Significantly better
- ↓ Significantly worse
- ↔ Interpret with caution. Change was not statistically significant. ♦

■ Comparable national data are not available.
 — Data not available.
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 ♦ See pages 245-246 for an explanation of statistical significance. See pages 16-19 for a Guide to Reading the State Pages. See Appendix B for technical notes and sources.



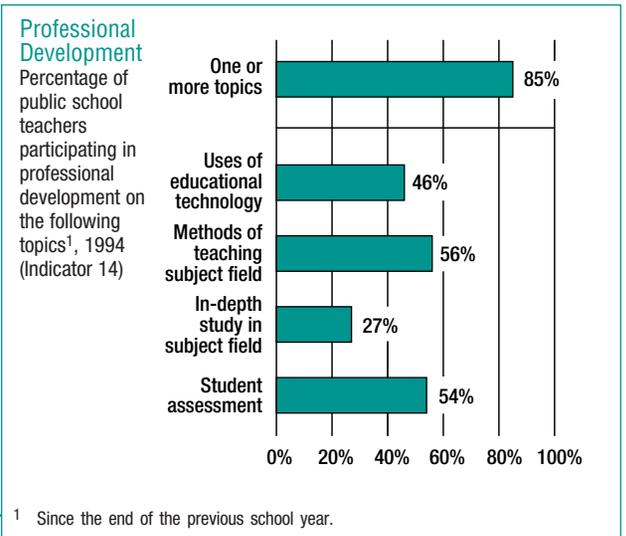
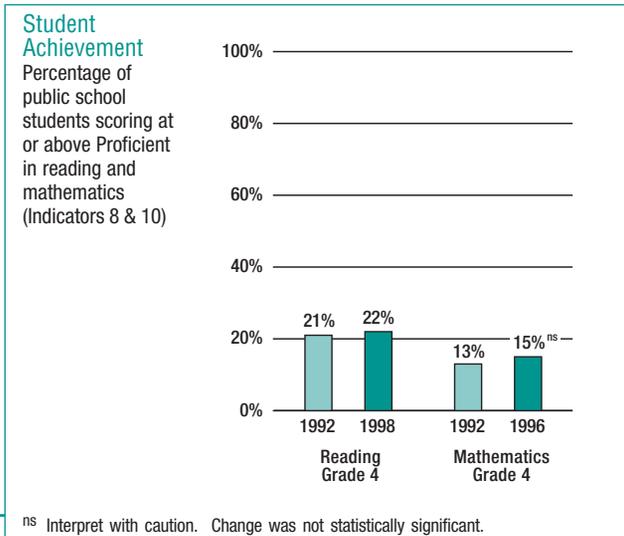
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GOAL 3 Student Achievement and Citizenship (continued)								
10. Mathematics: Has the percentage of students scoring at or above Proficient increased								
• in Grade 4? (1992 vs. 1996)*	13%	15%	↔	18%	21%	↑	5-27%	3-31%
• in Grade 8? (1990 vs. 1996)*	13%	18%	↑	15%	24%	↑	1-27%	5-34%
11. Science: Has the percentage of students scoring at or above Proficient increased								
• in Grade 8? (1996)	23%	—		29%	—		5-41%	—
12. Has the number of Advanced Placement examinations receiving a grade of 3 or higher (per 1,000 11th and 12th graders) increased? (1991 vs. 1999)	43	65	↑	55	97	↑	9-177	19-244
GOAL 4 Teacher Education and Professional Development								
13. Has the percentage of public secondary school teachers who hold								
• a degree in their main teaching assignment increased? (1991 vs. 1994)	63%	58%	↔	66%	63%	↓	51-85%	50-81%
• a teaching certificate in their main teaching assignment increased? (1991 vs. 1994)	96%	95%	↔	94%	93%	↓	91-100%	89-100%
14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)	85%	—		85%	—		76-98%	—
15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)	40%	—		16%	—		4-81%	—
16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)	25%	30%	↑	22%	27%	↑	6-42%	7-48%

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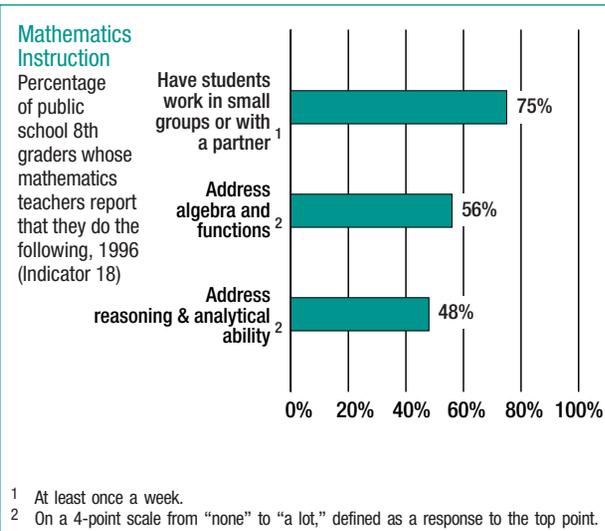
GOAL 5 Mathematics and Science

17. Has the state's international standing improved in <ul style="list-style-type: none"> Grade 8 mathematics achievement? (1996) Grade 8 science achievement? (1996) 	21 out of 41 countries would be expected to score above Arizona		20 out of 40 countries scored above the U.S.			6-38	—	
	10 out of 41 countries would be expected to score above Arizona		9 out of 40 countries scored above the U.S.			1-38	—	
18. Has the percentage of public school 8th graders whose mathematics teachers report that they <ul style="list-style-type: none"> have students work in small groups or with a partner increased? (1996) address algebra and functions increased? (1996) address reasoning and analytical ability increased? (1996) 	75%	—	66%	—	45-92%	—		
	56%	—	57%	—	45-82%	—		
	48%	—	52%	—	39-64%	—		
19. Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)	33%	—	30%	—	7-54%	—		
20. Has the percentage of mathematics and science degrees awarded to <ul style="list-style-type: none"> all students increased? (1991 vs. 1996) minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996) female students increased? (1991 vs. 1996) 	26%	35%	↑	39%	43%	↑	25-49%	16-54%
	22%	29%	↑	39%	40%	↑	22-64%	24-57%
	24%	31%	↑	35%	41%	↑	23-46%	15-52%

GOAL 6 Adult Literacy and Lifelong Learning

21. Has the percentage of adults scoring at the 3 highest levels in prose literacy increased? (1992)	—	—	52%	—	46-77%	—		
22. Has the percentage of U.S. citizens who report that they <ul style="list-style-type: none"> registered to vote increased? (1988 vs. 1996) voted increased? (1988 vs. 1996) 	66%	67%	↔	70%	71%	↑	58-95%	61-91%
	57%	54%	↔	61%	58%	↓	50-74%	47-69%

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GOAL 6	Adult Literacy and Lifelong Learning (continued)						
23.	Has postsecondary enrollment increased? (1992 vs. 1996)	45%	48%	↑	◆	◆	33-68% 40-73%
GOAL 7	Safe, Disciplined, and Alcohol- and Drug-free Schools						
24.	Has student marijuana use decreased? (1991 vs. 1997)*	—	—		◆	◆	4-18% 12-35%
25.	Has student alcohol use (5 or more drinks in a row) decreased? (1991 vs. 1997)*	—	—		◆	◆	17-43% 11-45%
26.	Has the availability of drugs on school property decreased? (1993 vs. 1997)*	—	—		◆	◆	11-31% 15-42%
27.	Has the percentage of students threatened or injured with a weapon while on school property decreased? (1993 vs. 1997)*	—	—		◆	◆	6-15% 5-13%
28.	Has the percentage of students involved in physical fights on school property decreased? (1993 vs. 1997)*	—	—		◆	◆	13-39% 11-34%
29.	Has the percentage of students carrying weapons on school property decreased? (1993 vs. 1997)*	—	—		◆	◆	8-18% 5-17%
30.	Has the percentage of students who do not feel safe at school decreased? (1993 vs. 1997)*	—	—		◆	◆	3-23% 3-13%
31.	Has teacher victimization decreased? (1994)	15%	—		15%	—	8-26% —
32.	Have student disruptions that interfere with teaching decreased? (1991 vs. 1994)	40%	46%	↔	37%	46%	23-60% 33-65%
GOAL 8	Parental Participation						
33.	Has the percentage of schools with minimal parental involvement decreased, according to						
	• public school teachers? (1991 vs. 1994)	36%	37%	↔	◆	◆	9-44% 13-50%
	• public school principals? (1991 vs. 1994)	21%	16%	↔	◆	◆	4-22% 3-27%
34.	Has the influence of parent associations on school policy increased? (1991 vs. 1994)	20%	32%	↑	◆	◆	8-37% 12-50%

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