

VERMONT

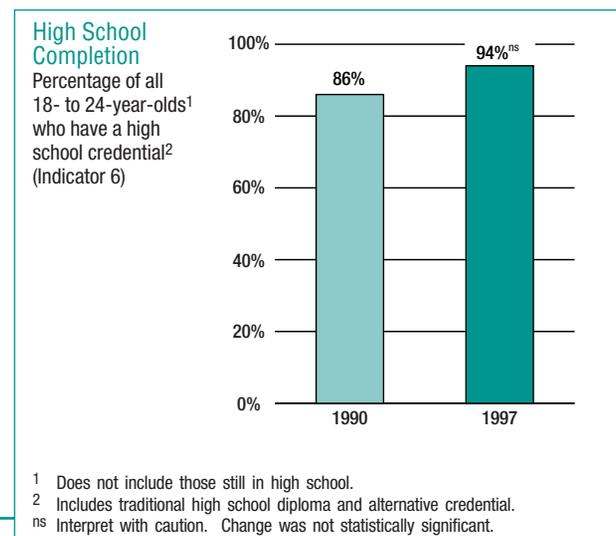
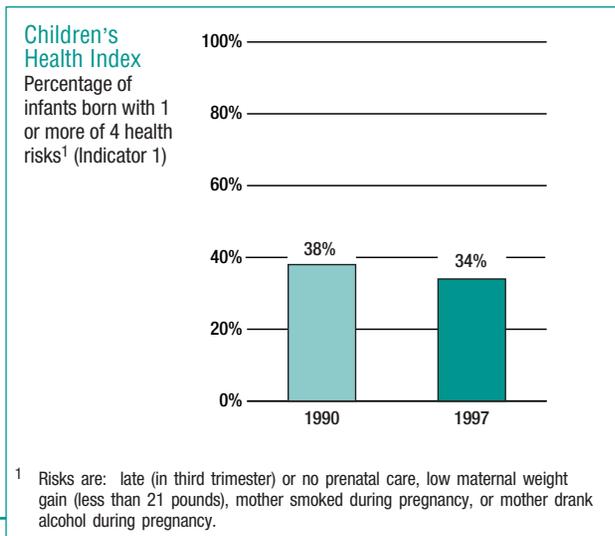
Vermont			U.S.			Range of State Scores	
baseline	update	progress?	baseline	update	progress?	baseline	update

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)*	38%	34%	↑	37%	33%	↑	25-48%	24-45%
2.	Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)	88%	86%	↔	75%	78%	↑	61-88%	71-87%
3.	Has the percentage of infants born at low birthweight decreased? (1990 vs. 1997)	5%	6%	↓	7%	8%	↓	5-15%	3-13%
4.	Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997)	82%	88%	↑	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)	43	56	↑	■	■		16-68	14-96
GOAL 2	School Completion								
6.	Has the high school completion rate increased? (1990 vs. 1997)	86%	94%	↔	86%	85%	↔	77-96%	75-95%
7.	Has the high school dropout rate decreased? (1992 vs. 1997)*	—	—		■	■		3-12%	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)*	—	—		29%	31%	↔	3-38%	8-46%
	• in Grade 8? (1998)	—	—		33%	—		10-42%	—
9.	Writing: Has the percentage of students scoring at or above Proficient increased								
	• in Grade 8? (1998)	—	—		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.
 * Baseline years and most recent update years may differ by state for this indicator. See Appendix B for more information.
 † 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.



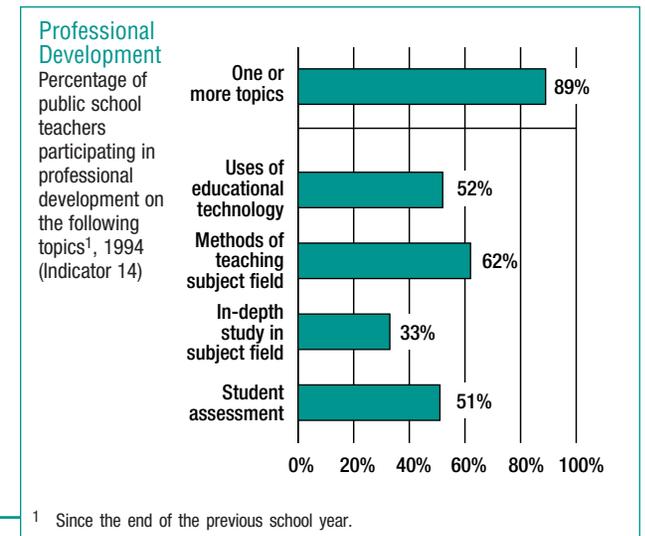
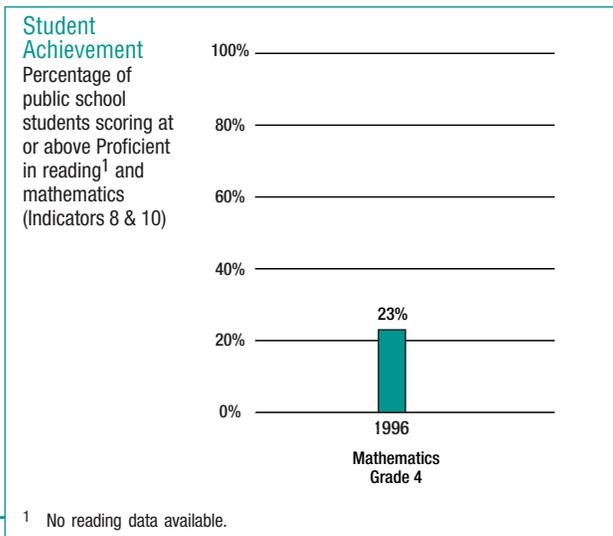
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GOAL 3 Student Achievement and Citizenship (continued)								
10. Mathematics: Has the percentage of students*								
• in Grade 4? (1996)*	23%	—		21%	—		3-31%	—
• in Grade 8? (1996)*	27%	—		24%	—		5-34%	—
11. Science: Has the percentage of students scoring at or above Proficient increased								
• in Grade 8? (1996)	34%	—		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)	51	76	↑	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)	71%	73%	↔	66%	63%	↓	51-85%	50-81%
• a teaching certificate in their main teaching assignment increased? (1991 vs. 1994)	99%	98%	↔	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)	89%	—		85%	—		76-98%	—
15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)	23%	—		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)	12%	12%	↔	22%	27%	↑	6-42%	7-48%

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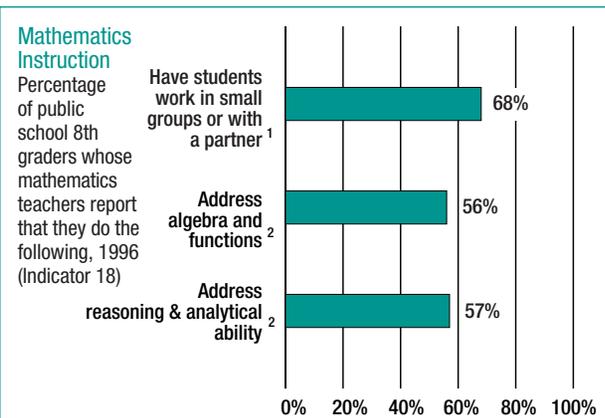
GOAL 5 Mathematics and Science

17. Has the state's international standing improved in	8 out of 41 countries would be expected to score above Vermont			20 out of 40 countries scored above the U.S.			6-38	—
• Grade 8 mathematics achievement? (1996)	1 out of 41 countries would be expected to score above Vermont			9 out of 40 countries scored above the U.S.			1-38	—
• Grade 8 science achievement? (1996)							countries	
18. Has the percentage of public school 8th graders whose mathematics teachers report that they							45-92%	—
• have students work in small groups or with a partner increased? (1996)	68%	—		66%	—		45-82%	—
• address algebra and functions increased? (1996)	56%	—		57%	—		39-64%	—
• address reasoning and analytical ability increased? (1996)	57%	—		52%	—			
19. Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)	44%	—		30%	—		7-54%	—
20. Has the percentage of mathematics and science degrees awarded to							25-49%	16-54%
• all students increased? (1991 vs. 1996)	44%	47%	↑	39%	43%	↑	22-64%	24-57%
• minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996)	43%	49%	↑	39%	40%	↑	23-46%	15-52%
• female students increased? (1991 vs. 1996)	40%	46%	↑	35%	41%	↑		

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							58-95%	61-91%
• registered to vote increased? (1988 vs. 1996)	79%	73%	↔	70%	71%	↑	50-74%	47-69%
• voted increased? (1988 vs. 1996)	65%	60%	↔	61%	58%	↓		

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¹ At least once a week.
² On a 4-point scale from "none" to "a lot," defined as a response to the top point.

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GOAL 6	Adult Literacy and Lifelong Learning (continued)							
23.	Has postsecondary enrollment increased? (1992 vs. 1996)	54%	48%	↓	◆	◆	33-68%	40-73%
GOAL 7	Safe, Disciplined, and Alcohol- and Drug-free Schools							
24.	Has student marijuana use decreased? (1993 vs. 1997)*	19%	35%	↓	◆	◆	7-21%	12-35%
25.	Has student alcohol use (5 or more drinks in a row) decreased? (1993 vs. 1997)*	31%	35%	↔	◆	◆	9-44%	11-45%
26.	Has the availability of drugs on school property decreased? (1995 vs. 1997)*	38%	40%	↔	◆	◆	20-46%	15-42%
27.	Has the percentage of students threatened or injured with a weapon while on school property decreased? (1995 vs. 1997)*	6%	7%	↔	◆	◆	4-11%	5-13%
28.	Has the percentage of students involved in physical fights on school property decreased? (1995 vs. 1997)*	15%	13%	↔	◆	◆	12-19%	11-34%
29.	Has the percentage of students carrying weapons on school property decreased? (1995 vs. 1997)*	12%	12%	↔	◆	◆	7-14%	5-17%
30.	Has the percentage of students who do not feel safe at school decreased? (1993 vs. 1997)*	4%	4%	↔	◆	◆	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)	27%	44%	↓	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)	10%	17%	↓	◆	◆	9-44%	13-50%
	• public school principals? (1991 vs. 1994)	10%	6%	↔	◆	◆	4-22%	3-27%
34.	Has the influence of parent associations on school policy increased? (1991 vs. 1994)	8%	24%	↑	◆	◆	8-37%	12-50%

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