PENNSYLVANIA

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)† 39% 37% † 37% 33% † 25-48% 24-45%
2. Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997) 77% 82% † 75% 79% † 61-88% 71-87%
3. Has the percentage of infants born at low birthweight decreased? (1990 vs. 1997) 7% 8% † 7% 8% † 5-15% 3-13%
4. Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997) 80% 84% † 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) 37 45 † — — 16-68 14-96

GOAL 2 School Completion
6. Has the high school completion rate increased? (1990 vs. 1997) 90% 88% † 86% 85% — 77-96% 75-95%
7. Has the high school dropout rate decreased? (1992 vs. 1997)神秘 4% 4% † — — 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. 1994) 32% 30% — 29% 30% — 3-38% 8-41%
• 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% — 27% — 9-44% —

Children’s Health Index Percentage of infants born with 1 or more of 4 health risks1 (Indicator 1)

High School Completion Percentage of all 18- to 24-year-olds1 who have a high school credential2 (Indicator 6)

KEY
† Significantly better
§ Significantly worse
Interpret with caution. Change was not statistically significant.

Children are: late (or third trimester) or no prenatal care, low maternal weight gain (less than 21 pounds), mother smoked during pregnancy, or mother drank alcohol during pregnancy.

1 Does not include those still in high school.
2 Includes traditional high school diploma and alternates credential.
PENNSYLVANIA

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)
   • in Grade 4 (1992 vs. 1996)
     • 22% 20%
   • in Grade 8 (1990 vs. 1992)
     • 17% 22%

11. Science: Has the percentage of students scoring at or above Proficient increased in Grade 8? (1990 vs. 1992)
   • 17% 22%
   • 15% 21%

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)
   • 44 73
   • 55 97

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)
   • 76% 72%
   • 66% 63%

14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)
   • 82% —
   • 85% —

15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)
   • 20% 31%
   • 22% 27%

16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)
   • —
   • —

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KEY

† Significantly better
# Significantly worse
@ Interpret with caution. Change was not statistically significant.

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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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Since the end of the previous school year.

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### PENNSYLVANIA

#### GOAL 5 Mathematics and Science

17. Has the state’s international standing improved in
   - Grade 8 mathematics achievement? (1996)  
   - Grade 8 science achievement? (1996)

18. Has the percentage of public school 8th graders whose mathematics teachers report that they
   - 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)

19. Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)

20. Has the percentage of mathematics and science degrees awarded to
   - all students increased? (1991 vs. 1996)
   - minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996)
   - female students increased? (1991 vs. 1996)

#### GOAL 6 Adult Literacy and Lifelong Learning

21. Has the percentage of adults scoring at the 3 highest levels in prose literacy increased? (1992)

22. Has the percentage of U.S. citizens who report that they
   - registered to vote increased? (1988 vs. 1996)
   - voted increased? (1988 vs. 1996)

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Pennsylvania Baseline</th>
<th>Pennsylvania Update</th>
<th>U.S. Baseline</th>
<th>U.S. Update</th>
<th>Range of State Scores Baseline</th>
<th>Range of State Scores Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>21. Has the percentage of adults scoring at the 3 highest levels in prose literacy increased? (1992)</td>
<td>54%</td>
<td>—</td>
<td>63%</td>
<td>67%</td>
<td>39%</td>
<td>41%</td>
</tr>
<tr>
<td>22. Has the percentage of U.S. citizens who reported that they</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- registered to vote increased? (1988 vs. 1996)</td>
<td>63%</td>
<td>67%</td>
<td>70%</td>
<td>71%</td>
<td>70%</td>
<td>71%</td>
</tr>
<tr>
<td>- voted increased? (1988 vs. 1996)</td>
<td>56%</td>
<td>56%</td>
<td>61%</td>
<td>58%</td>
<td>50%</td>
<td>74%</td>
</tr>
</tbody>
</table>

#### KEY

↑ Significantly better  
↓ Significantly worse  
□ Interpreted with caution. Change was not statistically significant.

* Indicators are not the same at the national and state levels.  
* Data not available.  
* See pages 245-246 for an explanation of statistical significance.  
* See page 16-19 for a Guide to Reading the State Pages.  
* See Appendix B for technical notes and sources.
## Pennsylvania

### Goal 6: Adult Literacy and Lifelong Learning (continued)

<table>
<thead>
<tr>
<th>Indicator</th>
<th>1992 vs. 1996</th>
<th>Baseline</th>
<th>Update</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>23. Has postsecondary enrollment increased?</td>
<td>55%</td>
<td>57%</td>
<td>Significantly better</td>
<td></td>
</tr>
</tbody>
</table>

### Goal 7: Safe, Disciplined, and Alcohol- and Drug-free Schools

<table>
<thead>
<tr>
<th>Indicator</th>
<th>1991 vs. 1997</th>
<th>Baseline</th>
<th>Update</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>24. Has student marijuana use decreased?</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>25. Has student alcohol use (5 or more drinks in a row) decreased?</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
</tbody>
</table>

### Goal 8: Parental Participation

<table>
<thead>
<tr>
<th>Indicator</th>
<th>1991 vs. 1994</th>
<th>Baseline</th>
<th>Update</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>33. Has the percentage of schools with minimal parental involvement decreased, according to public school teachers?</td>
<td>18%</td>
<td>21%</td>
<td>Significantly better</td>
<td></td>
</tr>
</tbody>
</table>

### Key

- **Significantly better**
- **Significantly worse**
- **Interpret with caution. Change was not statistically significant.**

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### Parent-School Partnerships

Percentage of public school principals who reported that the parent associations in their schools have influence on the following areas of school policy (Indicator 34)

#### 1991
- One or more areas: 16%
  - Establishing curriculum: 7%
  - Hiring new full-time teachers: 3%
  - Setting discipline policy: 6%

#### 1994
- One or more areas: 44%
  - Establishing curriculum: 22%
  - Hiring new full-time teachers: 15%
  - Setting discipline policy: 11%