WEST VIRGINIA

STATE PAGE 212

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)

2. Has the percentage of fully immunized 2-year-olds increased? (1992 vs. 1997)

3. Has the percentage of infants born at low birth weight decreased? (1990 vs. 1997)

4. Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997)

5. Has the number of children with disabilities in preschool (per 1,000 3- to 5-year-olds) increased? (1991 vs. 1998)

GOAL 2 School Completion
6. Has the high school completion rate increased? (1990 vs. 1997)


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)

   • in Grade 8 (1998)

9. Writing: Has the percentage of students scoring at or above Proficient increased

   • in Grade 8 (1995)

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

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

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

KEY

Significantly better
Significantly worse
Interpreted with caution: Change was not statistically significant

Comparable national data are not available.

Data not available.

The values for indicator 7 in 1995 and 1997 before rounding were 4.2 and 4.0 respectively.

Baseline years and most recent update years might 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.
### Goal 3: Student Achievement and Citizenship (continued)

<table>
<thead>
<tr>
<th>Indicator</th>
<th>West Virginia</th>
<th>U.S.</th>
<th>Range of State Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Mathematics: Has the percentage of students scoring at or above Proficient increased in Grade 4 (1992 vs. 1996)</td>
<td>12% 19%</td>
<td>18% 21%</td>
<td>5%-27% 3%-31%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9%-15% 14%-24%</td>
</tr>
<tr>
<td>11. Science: Has the percentage of students scoring at or above Proficient increased in Grade 8 (1996)</td>
<td>21% —</td>
<td>29% —</td>
<td>5%-41% —</td>
</tr>
<tr>
<td>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)</td>
<td>21 35</td>
<td>55 97</td>
<td>9-177 19-244</td>
</tr>
</tbody>
</table>

### Goal 4: Teacher Education and Professional Development

<table>
<thead>
<tr>
<th>Indicator</th>
<th>West Virginia</th>
<th>U.S.</th>
<th>Range of State Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>13. Has the percentage of public secondary school teachers who held a degree in their main teaching assignment increased? (1991 vs. 1994)</td>
<td>66% 60%</td>
<td>66% 63%</td>
<td>51%-85% 50%-81%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>98% 99%</td>
</tr>
<tr>
<td>14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)</td>
<td>88% —</td>
<td>85% —</td>
<td>76%-98% —</td>
</tr>
<tr>
<td>15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)</td>
<td>8% —</td>
<td>16% —</td>
<td>4%-81% —</td>
</tr>
<tr>
<td>16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)</td>
<td>16% 15%</td>
<td>22% 27%</td>
<td>6%-42% 7%-48%</td>
</tr>
</tbody>
</table>

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**KEY**

- **↑** Significantly better
- **↓** Significantly worse
- **ns** 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.*
## WEST VIRGINIA

### 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)

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**KEY**

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

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*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.

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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.
WEST VIRGINIA

GOAL 6  Adult Literacy and Lifelong Learning (continued)

   West Virginia: 49% vs. 50%  
   U.S.: 49% vs. 50%  
   Range of State Scores: 33-64% vs. 40-72%

GOAL 7  Safe, Disciplined, and Alcohol- and Drug-free Schools

   West Virginia: 18% vs. 29%  
   U.S.: 39% vs. 39%  
   Range of State Scores: 7-21% vs. 12-35%

25. Has student alcohol use (5 or more drinks in a row) decreased? (1993 vs. 1997)  
   West Virginia: 26% vs. 34%  
   U.S.: 8% vs. 8%  
   Range of State Scores: 11-31% vs. 15-42%

   West Virginia: 5% vs. 8%  
   U.S.: 8% vs. 3%  
   Range of State Scores: 2-5% vs. 2-15%

27. Has the percentage of students threatened or injured with a weapon while on school property decreased? (1993 vs. 1997)  
   West Virginia: 17% vs. 13%  
   U.S.: 15% vs. 13%  
   Range of State Scores: 9-23% vs. 13-33%

28. Has the percentage of students involved in physical fights on school property decreased? (1993 vs. 1997)  
   West Virginia: 17% vs. 13%  
   U.S.: 23% vs. 23%  
   Range of State Scores: 13-39% vs. 3-50%

29. Has the percentage of students carrying weapons on school property decreased? (1993 vs. 1997)  
   West Virginia: 4% vs. 6%  
   U.S.: 15% vs. 15%  
   Range of State Scores: 8-26% vs. 8-26%

GOAL 8  Parental Participation

   West Virginia: 3% vs. 5%  
   U.S.: 5% vs. 5%  
   Range of State Scores: 3-10% vs. 3-10%

31. Has the percentage of schools with minimal parental involvement decreased, according to  
   West Virginia: 23% vs. 17%  
   U.S.: 22% vs. 12%  
   Range of State Scores: 9-44% vs. 3-27%

32. Has the influence of parent associations on school policy increased? (1991 vs. 1994)  
   West Virginia: 2% vs. 15%  
   U.S.: 8% vs. 12%  
   Range of State Scores: 2-32% vs. 12-50%