

|   | Iowa     |        |           | U.S.     |        |           | Range of State Scores |        |
|---|----------|--------|-----------|----------|--------|-----------|-----------------------|--------|
|   | baseline | update | progress? | baseline | update | progress? | baseline              | update |
| <b>GOAL 1 Ready to Learn</b>  |          |        |           |          |        |           |                       |        |
| 1. Has the percentage of infants born in the state with 1 or more of 4 health risks decreased? (1990 vs. 1997)*       | 39%      | 36%    | ↑         | 37%      | 33%    | ↑         | 25-48%                | 24-45% |
| 2. Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)                                       | 81%      | 76%    | ↔         | 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)                             | 85%      | 87%    | ↑         | 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) | 45       | 52     | ↑         | ■        | ■      |           | 16-68                 | 14-96  |
| <b>GOAL 2 School Completion</b>   |          |        |           |          |        |           |                       |        |
| 6. Has the high school completion rate increased? (1990 vs. 1997)   | 94%      | 88%    | ↓         | 86%      | 85%    | ↔         | 77-96%                | 75-95% |
| 7. Has the high school dropout rate decreased? (1994 vs. 1997)*   | 3%       | 3%▲    | ↑         | ■        | ■      |           | 3-10%                 | 3-12%  |
| <b>GOAL 3 Student Achievement and Citizenship</b>   |          |        |           |          |        |           |                       |        |
| 8. Reading: Has the percentage of students scoring at or above Proficient increased?                                  |          |        |           |          |        |           |                       |        |
| • in Grade 4? (1992 vs. 1998)*  | 36%      | 35%    | ↔         | 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.

▲ The values for indicator 7 in 1994 and 1997 before rounding were 3.2 and 2.9, respectively.

\* Baseline years and most recent update years may differ by state for this indicator. See Appendix B for more information.

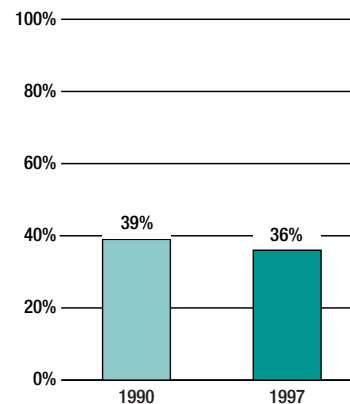
❖ See pages 245-246 for an explanation of statistical significance.

See pages 16-19 for a Guide to Reading the State Pages.

See Appendix B for technical notes and sources.

## Children's Health Index

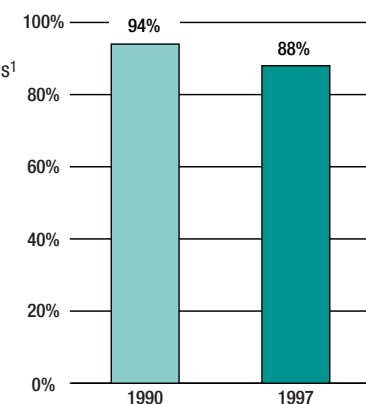
Percentage of infants born with 1 or more of 4 health risks<sup>1</sup> (Indicator 1)



<sup>1</sup> Risks are: late (in third trimester) or no prenatal care, low maternal weight gain (less than 21 pounds), mother smoked during pregnancy, or mother drank alcohol during pregnancy.

## High School Completion

Percentage of all 18- to 24-year-olds<sup>1</sup> who have a high school credential<sup>2</sup> (Indicator 6)



<sup>1</sup> Does not include those still in high school.

<sup>2</sup> Includes traditional high school diploma and alternative credential.

|  | Iowa     |        |           | U.S.     |        |           | Range of State Scores |         |
|--|----------|--------|-----------|----------|--------|-----------|-----------------------|---------|
|  | baseline | update | progress? | baseline | update | progress? | baseline              | update  |
| <b>GOAL 3 Student Achievement and Citizenship (continued)</b>  |          |        |           |          |        |           |                       |         |
| 10. Mathematics: Has the percentage of students scoring at or above Proficient increased   |          |        |           |          |        |           |                       |         |
| • in Grade 4? (1992 vs. 1996)*   | 26%      | 22%    | ↔         | 18%      | 21%    | ↑         | 5-27%                 | 3-31%   |
| • in Grade 8? (1990 vs. 1996)*   | 25%      | 31%    | ↑         | 15%      | 24%    | ↑         | 1-27%                 | 5-34%   |
| 11. Science: Has the percentage of students scoring at or above Proficient increased   |          |        |           |          |        |           |                       |         |
| • in Grade 8? (1996)   | 36%      | —      |           | 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)                | 19       | 35     | ↑         | 55       | 97     | ↑         | 9-177                 | 19-244  |
| <b>GOAL 4 Teacher Education and Professional Development</b>   |          |        |           |          |        |           |                       |         |
| 13. Has the percentage of public secondary school teachers who hold  |          |        |           |          |        |           |                       |         |
| • a degree in their main teaching assignment increased? (1991 vs. 1994)  | 71%      | 70%    | ↔         | 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)                                      | 15%      | —      |           | 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) | 11%      | 13%    | ↔         | 22%      | 27%    | ↑         | 6-42%                 | 7-48%   |

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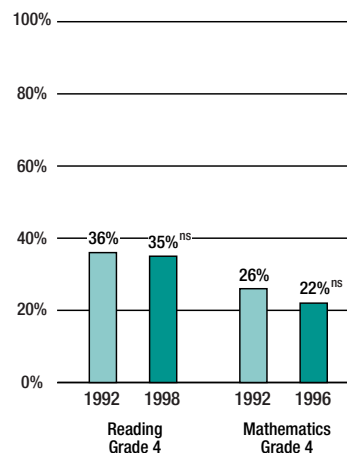
— Data not available.

\* 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.

**Student Achievement**

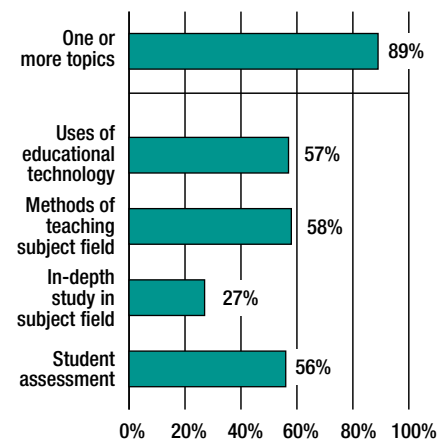
Percentage of public school students scoring at or above Proficient in reading and mathematics (Indicators 8 & 10)



ns Interpret with caution. Change was not statistically significant.

**Professional Development**

Percentage of public school teachers participating in professional development on the following topics<sup>1</sup>, 1994 (Indicator 14)



<sup>1</sup> Since the end of the previous school year.

|        |   | Iowa   |        |           | U.S.  |        |           | Range of State Scores |        |
|--------|---|--|--------|-----------|---|--------|-----------|-----------------------|--------|
|        |   | baseline   | update | progress? | baseline  | update | progress? | baseline              | update |
| GOAL 5 | Mathematics and Science   |  |        |           |   |        |           |                       |        |
| 17.    | Has the state's international standing improved in <ul style="list-style-type: none"><li>Grade 8 mathematics achievement? (1996)</li><li>Grade 8 science achievement? (1996)</li></ul>  | 6 out of 41 countries would be expected to score above Iowa<br>1 out of 41 countries would be expected to score above Iowa |        |           | 20 out of 40 countries scored above the U.S.<br>9 out of 40 countries scored above the U.S. |        |           | 6-38 countries        | —      |
| 18.    | Has the percentage of public school 8th graders whose mathematics teachers report that they <ul style="list-style-type: none"><li>have students work in small groups or with a partner increased? (1996)</li><li>address algebra and functions increased? (1996)</li><li>address reasoning and analytical ability increased? (1996)</li></ul> | 60%  | —      |           | 66%   | —      |           | 45-92%                | —      |
|        |   | 55%  | —      |           | 57%   | —      |           | 45-82%                | —      |
|        |   | 44%  | —      |           | 52%   | —      |           | 39-64%                | —      |
| 19.    | Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)   | 32%  | —      |           | 30%   | —      |           | 7-54%                 | —      |
| 20.    | Has the percentage of mathematics and science degrees awarded to <ul style="list-style-type: none"><li>all students increased? (1991 vs. 1996)</li><li>minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996)</li><li>female students increased? (1991 vs. 1996)</li></ul>                            | 33%  | 37%    | ↑         | 39%   | 43%    | ↑         | 25-49%                | 16-54% |
|        |   | 32%  | 34%    | ↑         | 39%   | 40%    | ↑         | 22-64%                | 24-57% |
|        |   | 28%  | 34%    | ↑         | 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)  | 61%  | —      |           | 52%   | —      |           | 46-77%                | —      |
| 22.    | Has the percentage of U.S. citizens who report that they <ul style="list-style-type: none"><li>registered to vote increased? (1988 vs. 1996)</li><li>voted increased? (1988 vs. 1996)</li></ul>   | 73%  | 75%    | ↔         | 70%   | 71%    | ↑         | 58-95%                | 61-91% |
|        |   | 64%  | 63%    | ↔         | 61%   | 58%    | ↓         | 50-74%                | 47-69% |

KEY

↑

Significantly better

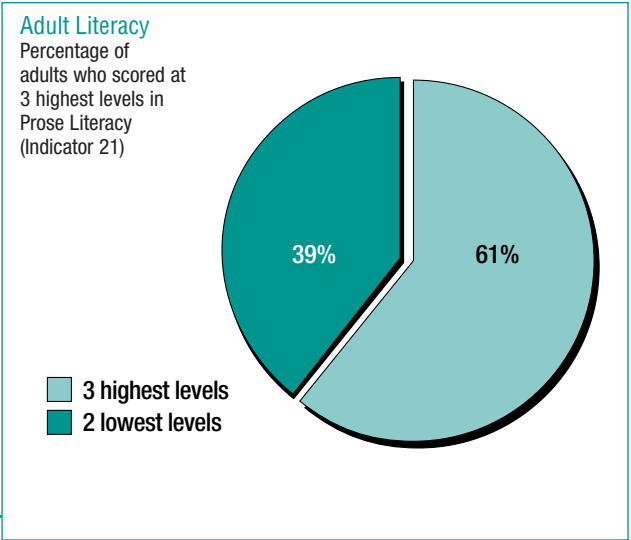
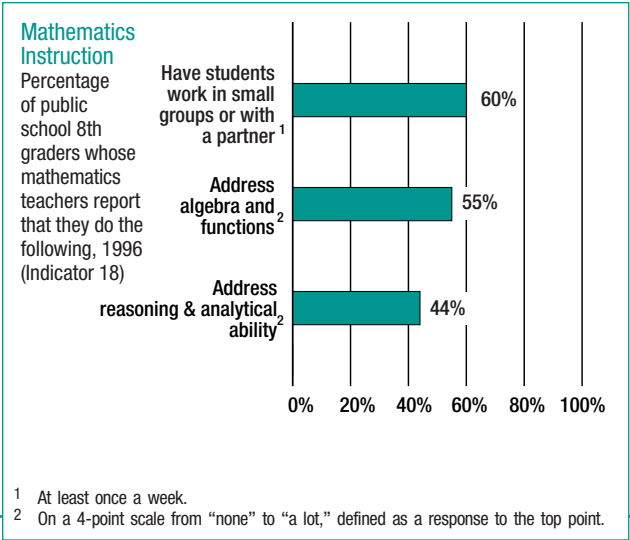
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Significantly worse

↔

Interpret 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.  
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|  | Iowa     |        |           | U.S.     |        |           | Range of State Scores |        |
|--|----------|--------|-----------|----------|--------|-----------|-----------------------|--------|
|  | baseline | update | progress? | baseline | update | progress? | baseline              | update |
| <b>GOAL 6 Adult Literacy and Lifelong Learning (continued)</b>   |          |        |           |          |        |           |                       |        |
| 23. Has postsecondary enrollment increased? (1992 vs. 1996)  | 64%      | 64%▲   | ↓         | ◆        | ◆      |           | 33-68%                | 40-73% |
| <b>GOAL 7 Safe, Disciplined, and Alcohol- and Drug-free Schools</b>  |          |        |           |          |        |           |                       |        |
| 24. Has student marijuana use decreased? (1997)*   | 18%      | —      |           | ◆        | ◆      |           | 12-35%                | —      |
| 25. Has student alcohol use (5 or more drinks in a row) decreased? (1997)*   | 38%      | —      |           | ◆        | ◆      |           | 11-45%                | —      |
| 26. Has the availability of drugs on school property decreased? (1997)*  | 23%      | —      |           | ◆        | ◆      |           | 15-42%                | —      |
| 27. Has the percentage of students threatened or injured with a weapon while on school property decreased? (1997)* | 7%       | —      |           | ◆        | ◆      |           | 5-13%                 | —      |
| 28. Has the percentage of students involved in physical fights on school property decreased? (1997)*               | 14%      | —      |           | ◆        | ◆      |           | 11-34%                | —      |
| 29. Has the percentage of students carrying weapons on school property decreased? (1997)*                          | 9%       | —      |           | ◆        | ◆      |           | 5-17%                 | —      |
| 30. Has the percentage of students who do not feel safe at school decreased? (1997)*                               | 3%       | —      |           | ◆        | ◆      |           | 3-13%                 | —      |
| 31. Has teacher victimization decreased? (1994)  | 11%      | —      |           | 15%      | —      |           | 8-26%                 | —      |
| 32. Have student disruptions that interfere with teaching decreased? (1991 vs. 1994)                               | 31%      | 48%    | ↓         | 37%      | 46%    | ↓         | 23-60%                | 33-65% |
| <b>GOAL 8 Parental Participation</b>   |          |        |           |          |        |           |                       |        |
| 33. Has the percentage of schools with minimal parental involvement decreased, according to                        |          |        |           |          |        |           |                       |        |
| • public school teachers? (1991 vs. 1994)  | 15%      | 18%    | ↔         | ◆        | ◆      |           | 9-44%                 | 13-50% |
| • public school principals? (1991 vs. 1994)  | 8%       | 7%     | ↔         | ◆        | ◆      |           | 4-22%                 | 3-27%  |
| 34. Has the influence of parent associations on school policy increased? (1991 vs. 1994)                           | 12%      | 23%    | ↑         | ◆        | ◆      |           | 8-37%                 | 12-50% |

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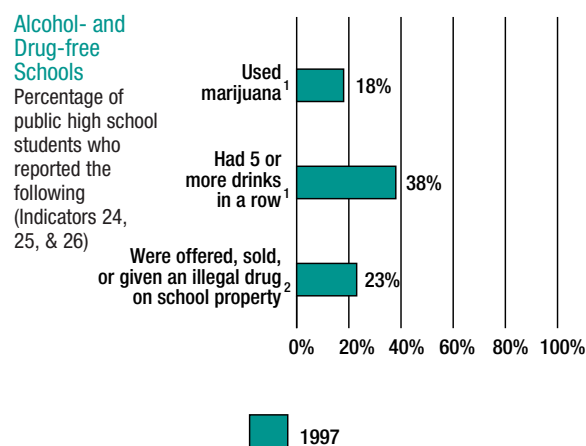
▲ The values for indicator 23 in 1992 and 1996 before rounding were 63.8 and 63.7, respectively.

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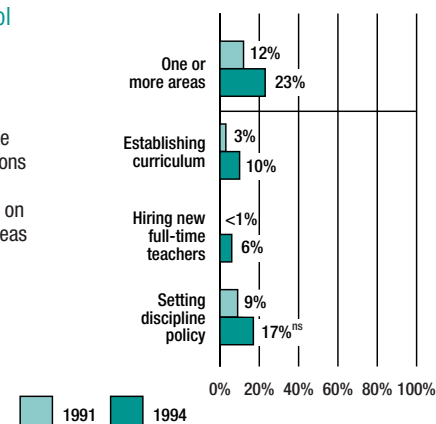


<sup>1</sup> During the past 30 days.

<sup>2</sup> During the past 12 months.

### Parent-School Partnerships

Percentage of public school principals who reported that the parent associations in their schools have influence<sup>1</sup> on the following areas of school policy (Indicator 34)



<sup>1</sup> On a 6-point scale from “no influence” to a “great deal of influence,” defined as a response to the top two points.

<sup>ns</sup> Interpret with caution. Change was not statistically significant.