Arkansas baseline update progress?

Arkansas baseline update progress?

Range of State Scores

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)

- In Grade 4 (1992 vs. 1998)
  - 42% 38% ↑
  - 37% 33% ↑

- In Grade 8 (1998)
  - 23% — 33% — 24-45%
  - 31% — 42% — 5-15%

2. Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)

- 71% 77% ↔
- 75% 79% ↑

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

- 8% 8% ↔
- 7% 8% ↑

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

- 71% 76% ↑
- 76% 83% ↑

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

- 45 78 ↑
- — — 16-68 14-96

GOAL 2 School Completion

6. Has the high school completion rate increased? (1990 vs. 1997)

- 87% 85% ↔
- 86% 85% ↔

7. Has the high school dropout rate decreased? (1992 vs. 1997)

- 4% 5% ↓
- — — 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)
  - 23% 23% ↔
  - 29% 31% ↔

- In Grade 8 (1998)
  - 23% —
  - 33% —

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

- In Grade 8 (1998)
  - 13% —
  - 27% —

Children’s Health Index

Percentage of infants born with 1 or more of 4 health risks

<table>
<thead>
<tr>
<th>Year</th>
<th>0%</th>
<th>20%</th>
<th>40%</th>
<th>60%</th>
<th>80%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>42%</td>
<td>38%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>42%</td>
<td>38%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Key

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

Comparable national data are not available, except as indicated.
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.

High School Completion

Percentage of all 18- to 24-year-olds who have a high school credential

<table>
<thead>
<tr>
<th>Year</th>
<th>0%</th>
<th>20%</th>
<th>40%</th>
<th>60%</th>
<th>80%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>42%</td>
<td>38%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>42%</td>
<td>38%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Does not include those still in high school.
2. Includes traditional high school diplomas and alternative credentials.
3. Interpreted with caution. Change was not statistically significant.
### ARKANSAS

#### 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)
     - 1992: 10%
     - 1996: 13%

11. Science: Has the percentage of students scoring at or above Proficient increased
   - in Grade 8? (1996)
     - 1996: 9%

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)
    - 1991: 15
    - 1999: 31

13. Has the percentage of public secondary school teachers who hold
    - a degree in their main teaching assignment increased? (1991 vs. 1994)
      - 1991: 62%
      - 1994: 66%

14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)
    - 1994: 84%

15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)
    - 1994: 68%

16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)
    - 1991: 15%
    - 1994: 22%

#### 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)
      - 1991: 62%
      - 1994: 66%

14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)
    - 1994: 84%

15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)
    - 1994: 68%

16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)
    - 1991: 15%
    - 1994: 22%

---

**Student Achievement**

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Reading Grade 4</th>
<th>Mathematics Grade 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>23%</td>
<td>27%</td>
</tr>
<tr>
<td>1993</td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td>30%</td>
<td></td>
</tr>
</tbody>
</table>

**Professional Development**

- **Percentage of public school teachers participating in professional development on the following topics, 1994 (Indicator 14):**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>One or more topics</td>
<td>33%</td>
</tr>
<tr>
<td>Use of educational technology</td>
<td>33%</td>
</tr>
<tr>
<td>Methods of teaching subject field</td>
<td>27%</td>
</tr>
<tr>
<td>In-depth study in subject field</td>
<td>27%</td>
</tr>
<tr>
<td>Student assessment</td>
<td>47%</td>
</tr>
</tbody>
</table>

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**KEY**

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

### GOAL 5  Mathematics and Science

17. Has the state’s international standing improved in
   - Grade 8 mathematics achievement? (1996)
   27 out of 41 countries would be expected to score above Arkansas
   20 out of 40 countries scored above the U.S. countries
   Range of State Scores

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)
   47% — 66%
   59% — 67%
   Range of State Scores

19. Has the percentage of public school 8th graders who have computers available
   in their mathematics classroom increased? (1996)
   23% — 30%
   Range of State Scores

20. Has the percentage of mathematics and science degrees awarded to
   - all students increased? (1991 vs. 1996)
   32% 38% ▲
   - minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996)
   31% 36% ▲
   - female students increased? (1991 vs. 1996)
   28% 35% ▲
   Range of State Scores

### 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%
   Range of State Scores

22. Has the percentage of U.S. citizens who report that they
   - registered to vote increased? (1988 vs. 1996)
   68% 65% ▲
   - voted increased? (1988 vs. 1996)
   56% 52% ▲
   Range of State Scores

---

**KEY**

![Significantly better](image)

![Significantly worse](image)

![Interpret with caution. Change was not statistically significant.](image)

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

See Appendix B for technical notes and sources.

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### Notes

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### ARKANSAS

**GOAL 6** Adult Literacy and Lifelong Learning (continued)

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Arkansas</th>
<th>U.S.</th>
<th>Range of State Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>23. Has postsecondary enrollment increased? (1992 vs. 1996)</td>
<td>46% 51%</td>
<td></td>
<td>33-64% 40-72%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Arkansas</th>
<th>U.S.</th>
<th>Range of State Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>24. Has student marijuana use decreased? (1995 vs. 1997)</td>
<td>23% 28%</td>
<td></td>
<td>7-32% 12-35%</td>
</tr>
<tr>
<td>25. Has student alcohol use (5 or more drinks in a row) decreased? (1995 vs. 1997)</td>
<td>32% 33%</td>
<td></td>
<td>13-43% 11-45%</td>
</tr>
<tr>
<td>27. Has the percentage of students threatened or injured with a weapon while on school property decreased? (1995 vs. 1997)</td>
<td>9% 8%</td>
<td></td>
<td>4-11% 15-13%</td>
</tr>
<tr>
<td>28. Has the percentage of students involved in physical fights on school property decreased? (1995 vs. 1997)</td>
<td>17% 15%</td>
<td></td>
<td>12-19% 11-34%</td>
</tr>
<tr>
<td>29. Has the percentage of students carrying weapons on school property decreased? (1995 vs. 1997)</td>
<td>11% 12%</td>
<td></td>
<td>7-14% 5-17%</td>
</tr>
<tr>
<td>30. Has the percentage of students who do not feel safe at school decreased? (1995 vs. 1997)</td>
<td>5% 5%</td>
<td></td>
<td>3-16% 3-13%</td>
</tr>
<tr>
<td>31. Has teacher victimization decreased? (1994)</td>
<td>15% —</td>
<td></td>
<td>8-26% —</td>
</tr>
<tr>
<td>32. Has student disruptions that interfere with teaching decreased? (1995 vs. 1997)</td>
<td>34% 45%</td>
<td></td>
<td>23-60% 33-65%</td>
</tr>
</tbody>
</table>

**GOAL 8** Parental Participation

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Arkansas</th>
<th>U.S.</th>
<th>Range of State Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>33. Has the percentage of schools with minimal parental involvement decreased, according to public school teachers? (1991 vs. 1994)</td>
<td>30% 29%</td>
<td></td>
<td>9-44% 13-50%</td>
</tr>
<tr>
<td>34. Has the influence of parent associations on school policy increased? (1991 vs. 1994)</td>
<td>11% 17%</td>
<td></td>
<td>8-37% 12-50%</td>
</tr>
</tbody>
</table>

#### KEY

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

**Indicators are not the same at the national and state levels.**

— Data not available.

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See Appendix B for technical notes and sources.

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**Alcohol and Drug-free Schools**

- **Percentage of public high school students who reported the following (indicators 24, 25, & 26)**
  - Used marijuana: 20% 21%
  - Had 5 or more drinks in a row: 12% 13%
  - Were offered, sold, or given an illegal drug on school property: 25% 26%

- **Percentage of public high school students who reported the following (indicators 31-32)**
  - One or more violent crimes: 11% 12%
  - One or more sexual offenses: 15% 16%

- **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)**
  - Establishing curriculum: 11% 11%
  - Setting discipline policies: 13% 13%

- **Percentage of public school teachers who reported that the parent associations in their schools have influence on the following areas of school policy (indicator 34)**
  - One or more violent crimes: 11% 11%
  - One or more sexual offenses: 15% 15%

1. During the past 30 days.
2. During the past 12 months.
3. Interpret with caution. Changes were not statistically significant.