### KENTUCKY

**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)*
   - 1990: 45%
   - 1997: 41%

2. Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)
   - 1994: 80%
   - 1997: 81%

3. Has the percentage of infants born at low birthweight decreased? (1990 vs. 1997)
   - 1990: 7%
   - 1997: 8%

4. Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997)
   - 1990: 78%
   - 1997: 86%

5. Has the number of children with disabilities in preschool (per 1,000 3- to 5-year-olds) increased? (1991 vs. 1998)
   - 1991: 68
   - 1998: 96

**GOAL 2  School Completion**

6. Has the high school completion rate increased? (1990 vs. 1997)
   - 1990: 62%
   - 1997: 85%

7. Has the high school dropout rate decreased? (1992 vs. 1997)
   - 1992: 29%
   - 1997: 27%

**GOAL 3  Student Achievement and Citizenship**

8. Reading: Has the percentage of students scoring at or above Proficient increased
   - in Grade 4 (1992 vs. 1996)*
     - 1992: 23%
     - 1996: 29%
   - in Grade 8 (1998)
     - 1998: 29%

9. Writing: Has the percentage of students scoring at or above Proficient increased
   - in Grade 8 (1998)
     - 1998: 21%

### Key

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

**Children’s Health Index**

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage of Infants Born with 1 or More of 4 Health Risks ¹ (Indicator 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>40%</td>
</tr>
<tr>
<td>1997</td>
<td>51%</td>
</tr>
</tbody>
</table>

**High School Completion**

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage of All 18- to 24-year-olds Who Have a High School Credential ² (Indicator 6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>82%</td>
</tr>
<tr>
<td>1996</td>
<td>80%</td>
</tr>
</tbody>
</table>

¹ 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.

² Does not include those still in high school.

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*Comparable national data are 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.
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)?
     13% 16% ns
   • in Grade 8 (1990 vs. 1996)?
     10% 16% ns

11. Science: Has the percentage of students scoring at or above Proficient increased
   • in Grade 8 (1996)?
     23% —

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)
    29 47

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)
    65% 53%

14. Has the percentage of public school teachers participating in professional
    development programs on 1 or more selected topics increased? (1994)
    98% —

15. Has the percentage of public school teachers with training to teach limited
    English proficient students increased? (1994)
    7% —

16. Has the percentage of public school teachers participating in formal
    teacher induction programs during their first year of teaching increased? (1991 vs. 1994)
    24% 34%
KENTUCKY

GOAL 5  Mathematics and Science

17. Has the state’s international standing improved in:
   • Grade 8 mathematics achievement? (1996)
     22 out of 41 countries would be expected to score above Kentucky.
   • Grade 8 science achievement? (1996)
     8 out of 40 countries would be expected to score above Kentucky.

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)
     67% — 66% — 45-62% —
   • address algebra and functions increased? (1996)
     49% — 52% — 39-64% —
   • address reasoning and analytical ability increased? (1996)
     49% — 52% — 39-64% —

19. Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)
   37% — 30% — 7-54% —

GOAL 6  Adult Literacy and Lifelong Learning

21. Has the percentage of adults scoring at the 3 highest levels in prose literacy increased? (1992)
   — — 53% — 46-77% —

22. Has the percentage of U.S. citizens who report that they:
   • registered to vote increased? (1988 vs. 1996)
     63% 70% 59% 58-95% 60-91% 50-74% 47-69%
   • voted increased? (1988 vs. 1996)
     50% 53% 55% 23-46% 15-52% 50-74% 47-69%

Mathematics Instruction
Percentage of public school 8th graders whose mathematics teachers report that they do the following, 1996:

- Have students work in small groups or with a partner? (Indicator 18)
  61%
- Address algebra and functions? (Indicator 19)
  49%
- Address reasoning and analytical ability? (Indicator 20)
  49%

KEY

❖ Indicates 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.
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KENTUCKY

GOAL 6  Adult Literacy and Lifelong Learning (continued)


24. Has student marijuana use decreased? (1997)

25. Has student alcohol use (5 or more drinks in a row) decreased? (1997)

26. Has the availability of drugs on school property decreased? (1997)

27. Has the percentage of students threatened or injured with a weapon while on school property decreased? (1997)

28. Has the percentage of students involved in physical fights on school property decreased? (1997)

29. Has the percentage of students carrying weapons on school property decreased? (1997)

30. Has the percentage of students who do not feel safe at school decreased? (1997)

31. Has teacher victimization decreased? (1994)

32. Have student disruptions that interfere with teaching decreased? (1991 vs. 1994)

33. Has the percentage of schools with minimal parental involvement decreased, according to public school teachers? (1991 vs. 1994)

34. Has the influence of parent associations on school policy increased? (1991 vs. 1994)

KEY

Significantly better

Significantly worse

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1 During the past 30 days.

2 During the past 12 months.