

## State and Regional (Public School Data)

### States

The expected 8 percent national increase in public high school graduates between 2004–05 and 2017–18 plays out differently among the states (reference figure 23 and tables 25 and 26).

- Increases are projected for 27 states and the District of Columbia, with
  - increases of more than 15 percent projected for 12 states;
  - increases between 5 and 15 percent projected for 7 states; and
  - increases of less than 5 percent projected for 8 states and the District of Columbia.
- Decreases are projected for 23 states, with
  - decreases of 15 percent or more projected for 5 states;
  - decreases between 5 and 15 percent projected for 9 states; and
  - decreases between 4.99 and 0.1 percent projected for 9 states.

### Regions

Between 2004–05 and 2017–18, the number of public high school graduates is projected to

- increase 18 percent in the South;
- increase 12 percent in the West;
- decrease less than 1 percent in the Midwest; and
- decrease 5 percent in the Northeast.

Table C. Projected percentage changes in the number of public high school graduates, by state: 2004–05 through 2017–18

State	Percent change	State	Percent change
Nevada	66.1	Louisiana	-43.2
Arizona	62.5	Vermont	-23.9
Utah	37.6	North Dakota	-21.5
Georgia	34.4	Rhode Island	-20.6
Texas	32.9	Maine	-17.9
North Carolina	28.3	New Hampshire	-13.5
Idaho	26.4	Montana	-12.5
Florida	24.9	South Dakota	-11.4
Colorado	18.4	Hawaii	-10.3
Arkansas	17.0	Wyoming	-10.1
Delaware	15.8	New York	-9.8
Indiana	15.4	Massachusetts	-7.2
Virginia	11.3	Kansas	-5.5
Tennessee	10.9	Michigan	-5.2
New Jersey	8.9	Maryland	-4.9
South Carolina	8.2	Wisconsin	-4.6
Alabama	6.4	Connecticut	-4.5
Washington	5.9	Minnesota	-4.0
Kentucky	5.7	West Virginia	-3.7
Iowa	4.6	Pennsylvania	-2.9
New Mexico	4.5	Ohio	-2.9
District of Columbia	4.3	Alaska	-1.6
Illinois	4.0	Nebraska	-0.9
Oklahoma	3.6		
Mississippi	3.1		
California	2.4		
Missouri	2.1		
Oregon	1.9		

SOURCE: U.S. Dept. of Education, NCES, Common Core of Data surveys and State Public High School Graduates Model. (See reference table 26.)

## Accuracy of Projections

For NCES projections of public high school graduates produced over the last 17 years, the mean absolute percentage errors (MAPEs) for lead times of 1, 2, 5, and 10 years out were 0.8, 0.8, 1.8, and 3.9, respectively. For more information, see table A-2 in appendix A.