KNOCKING
AT THE COLLEGE DOOR

Diversifying the STEM Pathway: A Look at Successful Approaches

Thursday, April 27, 2017

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#Knocking2016
Knocking at the College Door: Projections of High School Graduates

- Public and Private High School Graduates
  - Nation
  - Four Geographical Regions
  - 50 States and DC
  - First-time projections for Guam/Puerto Rico
- Public by Race/Ethnicity
U.S. High School Graduates

- The overall number will plateau for most of the next decade
- The racial/ethnic mix of high school graduates will continue to shift significantly toward a more diverse population
- Private high school graduates continue to decline in number and share
U.S. High School Graduates

Projections

Compared to SY 2012-13
(Thousands)

- Hispanic: 640
- Asian/Pac. Isl.: 184
- Am. Ind./Alaska Native: 32
- Black: 474
- Private Schools: 1,839
- White: 3.44M
- Hispanic: 3.56M ('25)
- White: 3.30M

 KNOKCING AT THE COLLEGE DOOR

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Significant Regional Variation

• The national projections mask significant variation by region and among the states.
Regional Divisions
Significant Regional Variation

Total Public and Private High School Graduates

- **South**
  - 2000-01: 1.000,000
  - 2010-11: 1,352,600
  - 2020-21: 1,352,600

- **West**
  - 2000-01: 0.776,820
  - 2010-11: 0.862,000
  - 2020-21: 0.862,000

- **Midwest**
  - 2000-01: 0.647,036
  - 2010-11: 0.776,820
  - 2020-21: 0.776,820

- **Northeast**
  - 2000-01: 0.647,036
  - 2010-11: 0.647,036
  - 2020-21: 0.647,036

- **Forecast to 2030-31**
  - South: 1,352,600
  - West: 0.862,000
  - Midwest: 0.776,820
  - Northeast: 0.647,036
The West

- Tracks the National trend
- 30% of the Nation’s graduates
- Cedes position as #1 producer of Hispanic graduates to the South by 2025, but remains #1 producer of Asian/Pacific Islander graduates
High School Graduates in the Western Region

Projections

<table>
<thead>
<tr>
<th>Year</th>
<th>White</th>
<th>Hispanic</th>
<th>Black</th>
<th>Asian/Pacific Islander</th>
<th>American Indian/Alaska Native</th>
<th>Private Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>832K</td>
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<tr>
<td>2019-20</td>
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<td>2025-26</td>
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<td>2031-32</td>
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</tbody>
</table>

832K - 2013-14

862K ('24) - Projections

789K - 2031-32
High School Graduates in the Western Region

*Change from SY 2012-13 (thousands)*

- 278 Hispanic
- 86 Asian/Pac. Isl.
- 14 Am. Ind./Alaska Native
- 42 Black
- 54 Private Schools
- 356 White

2012-13 2018-19 2024-25 2030-31
# High School Graduates by State, Cumulative Percent Change, 2012-13 to 2024-25

<table>
<thead>
<tr>
<th>Decline</th>
<th>Moderate Increase</th>
<th>Robust Increase</th>
<th>Really Robust Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>California (-4%)</td>
<td>New Mexico (6%)</td>
<td>South Dakota (12%)</td>
<td>Utah (29%)</td>
</tr>
<tr>
<td>Alaska (-2%)</td>
<td>Oregon (7%)</td>
<td>Arizona (13%)</td>
<td>Idaho (34%)</td>
</tr>
<tr>
<td>Washington (8%)</td>
<td>Nevada (14%)</td>
<td>North Dakota (38%)</td>
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</tr>
<tr>
<td>Montana (9%)</td>
<td>Hawaii (17%)</td>
<td>Colorado (18%)</td>
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<td>Wyoming (21%)</td>
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</tbody>
</table>
High School Graduates by State

Western Region
821K / year on average
↑4% by 2023-24 then ↓8% by 2031-32
Non-White ↑3% to 57% of Public Total

California
426,400 on average, ↓14% by ‘32
Non-White ↑5% to 74% of Total

Washington
71,800 on average
Non-White ↑10% to 41% of Total

Arizona
66,900 on average, ↓14% by ‘32
Non-White ↑3% to 55% of Total
High School Graduates by State

**Colorado**
- 58,000 on average
- Non-White ↑ 2% to 38% of Total

**Utah**
- 39,600 on average
- Non-White ↑ 3% to 21% of Total

**Oregon**
- 36,500 on average, ↓7% by ‘32
- Non-White ↑ 3% to 30% of Total

**Nevada**
- 24,700 on average, ↓12% by ‘32
- Non-White ↑ 8% to 60% of Total

**Idaho**
- 21,000 on average
- Non-White ↑ 8% to 26% of Total

**New Mexico**
- 20,200 on average, ↓15% by ‘32
- Non-White ↑ 6% to 77% of Total
High School Graduates by State

Hawaii
- 14,600 on average
- Non-White ↑ 3% to 89% of Total

Montana
- 10,000 on average
- Non-White ↑ 5% to 18% of Total

South Dakota
- 9,200 on average
- Non-White ↑ 14% to 26% of Total

North Dakota
- 8,900 on average
- Non-White ↑ 20% to 32% of Total

Alaska
- 7,900 on average
- Non-White ↑ 5% to 45% of Total

Wyoming
- 6,200 on average
- Non-White ↑ 5% to 19% of Total
For More Information

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