Big Change to Come: The Future of High School Graduates

Saturday, October 28, 2017
The Western Interstate Commission for Higher Education - WICHE

Promotes access and excellence in higher education for all citizens of the West
WICHE’s Role in the Region

• Promotes access and excellence in higher education for all citizens of the West through:
  • Regional collaboration
  • Resource sharing
  • Sound public policy
  • Innovation
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
Total U.S. Public and Private High School Graduates, School Years 2000-01 to 2012-13 (Actual) through 2013-14 to 2031-32 (Projected)

ACTUAL

PROJECTED

2000-01 2010-11 2020-21 2030-31

Millions

3,466,888 3,561,051

2.4 2.6 2.8 3.0 3.2 3.4 3.6
U.S. Private High School Graduates, School Years 2000-01 to 2010-11 (Actual) through 2011-12 to 2031-32 (Projected)
Total U.S. Public High School Graduates, by Race/Ethnicity, School Years 2000-01 to 2012-13 (Actual) through 2013-14 to 2031-32 (Projected)
Converging Populations, 2013-14 to 2031-32

Only showing race/ethnicity for public school graduates (90% of total graduates)

<table>
<thead>
<tr>
<th>Year</th>
<th>White</th>
<th>Non-White</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2016-17</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2019-20</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2022-23</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2025-26</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2028-29</td>
<td>1,725</td>
<td>1,725</td>
</tr>
<tr>
<td>2031-32</td>
<td>1,725</td>
<td>1,725</td>
</tr>
</tbody>
</table>

Thousands

Only showing race/ethnicity for public school graduates (90% of total graduates)
United States High School Graduates by Race and Ethnicity, Compared to SY 2012-13 (Thousands)

- **640** Hispanic
- **184** Asian/Pac. Isl.
- **32** Am. Ind./Alaska Native
- **474** Black
- **298** Private Schools
- **1,839** White

2012-13 to 2030-31

- Hispanic: Down by 340, +151
- Asian/Pac. Isl.: Down by 300, -200
- Am. Ind./Alaska Native: Down by 252
- Black: Down by 9
- Private Schools: Down by 80
- White: Down by 252
White High School Graduates in Decline
Compared to SY2012-13

1,839,000

-114,000

-252,000
Hispanics Are the Primary Growth Engine
Compared to SY2012-13

+277,000

+151,000

640,000

2012-13

2024-2025

2031-32
Steady Increase of Asian/Pacific Islander High School Graduates
Compared to SY2012-13

184,000

+26,000

+58,000
Black High School Graduates Decline Slightly

Compared to SY2012-13

Thousands

474,000

-2,900

-34,000

2012-13  2024-2025  2031-32
The national projections mask significant variation by region and among the states.
Regional Divisions
Significant Regional Variation
Total Public and Private High School Graduates, 2000-01 to 2031-32

Millions

- **SOUTH**: 1,352,600
- **WEST**: 862,000
- **MIDWEST**: 776,820
- **NORTHEAST**: 647,036

Years:
- 2000-01
- 2010-11
- 2020-21
- 2030-31

Source: KNOCKING AT THE COLLEGE DOOR
Southern Region High School Graduates

- **Private schools**
- **Asian/Pacific Islander**
- **White**
- **Black**
- **Hispanic**

Year: 2001 - 2031

- **2001:** 950,117
- **2026:** 1,291,978

Data source: KNOCKING AT THE COLLEGE DOOR

问询机构: WICHE
Western Region High School Graduates

- ASIAN/PAC. ISL.
- WHITE
- HISPANIC
- BLACK
- ASIAN/ PAC. ISL.
- PRIVATE

Years: 2001 to 2031

Numbers:
- 666,523
- 830,995
- 772,755
Northeastern Region High School Graduates

<table>
<thead>
<tr>
<th>Year</th>
<th>White</th>
<th>Hispanic</th>
<th>Black</th>
<th>Asian/Pacific Islander</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2026</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2031</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2001: 536,680
2006: 638,882
2011: 638,882
2016: 563,061

Source: WICHE

Knocking at the College Door
Significant State Variation

- The regional projections mask significant variation among the states.
State Variation in Percent Change of High School Graduates, 2013-2020

Nation: -0.1%

See Knocking pages 20-23 for Top 10 States & state annual change.
State Variation in Percent Change of High School Graduates, 2013-2025

Nation: 4.7%

See Knocking pages 20-23 for Top 10 States & state annual change.
State Variation in Percent Change of High School Graduates, 2013-2030

Nation: -4.0%

See Knocking pages 20-23 for Top 10 States & state annual change.
### Top 10 States with a Majority of U.S. High School Graduates

<table>
<thead>
<tr>
<th></th>
<th>In 2013</th>
<th>From 2013 to 2025</th>
<th>From 2025 to 2032</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA</td>
<td>456,000</td>
<td>-25,000</td>
<td>-37,000</td>
</tr>
<tr>
<td>TX</td>
<td>314,000</td>
<td>61,000</td>
<td>-6,000</td>
</tr>
<tr>
<td>NY</td>
<td>212,000</td>
<td>2,000</td>
<td>-14,000</td>
</tr>
<tr>
<td>FL</td>
<td>176,000</td>
<td>17,000</td>
<td>-16,000</td>
</tr>
<tr>
<td>IL</td>
<td>153,000</td>
<td>-10,000</td>
<td>-18,000</td>
</tr>
<tr>
<td>PA</td>
<td>146,000</td>
<td>-6,000</td>
<td>-8,000</td>
</tr>
<tr>
<td>OH</td>
<td>135,000</td>
<td>-16,000</td>
<td>-9,000</td>
</tr>
<tr>
<td>MI</td>
<td>111,000</td>
<td>-14,000</td>
<td>-10,000</td>
</tr>
<tr>
<td>NJ</td>
<td>109,000</td>
<td>-6,000</td>
<td>-12,000</td>
</tr>
<tr>
<td>NC</td>
<td>101,000</td>
<td>9,000</td>
<td>-8,000</td>
</tr>
</tbody>
</table>

See pp. 22-23, 28-29 and Appendix A Data Tables of Knocking full report.
Growth in Western States Mitigated by Slowdown from California

Average annual change from 2013 to 2025.
Increase for Most States in the South

Average annual change from 2013 to 2025.
In the Northeast: Decreases for All States Except New York

Average annual change from 2013 to 2025.
The Midwest: Strong Minority Graduate Increases But Steep Downturn of White Graduates

Average annual change from 2013 to 2025.
Projections of Male and Female High School Graduates
Females Increase as a Proportion of the High School Population

<table>
<thead>
<tr>
<th></th>
<th>% HS Students Females</th>
<th>% Graduates Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hispanic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asian/Pac. Isl.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
But Males Graduate at a Lower Rate
So We Often Project More Female than Male Graduates
So We Often Project More Female than Male Graduates
So We Often Project More Female than Male Graduates
So We Often Project More Female than Male Graduates
So We Often Project More Female than Male Graduates
Implications
College Enrollment of Traditional Age Students

Black & Hispanic Rates Up 10% by 2014 from 1995, but Lag Whites by 5%

NCES Digest of Education Statistics 2015. Percent of 16-24 year olds who completed HS in a given year enrolled in college by October of that year.
Increasingly Likely 1st Generation Students
Children Age 5-17 by Parents’ Highest Level Educational Attainment, U.S., 2015

Increasingly from Lesser Means

Income Distribution of Households With Children, U.S., 2010-2014

American Community Survey PUMS Five-Year Estimates
www.knocking.wiche.edu

Report

State Profiles

Download Data
Want to Learn More?

www.wiche.edu/knocking

Colleen Falkenstern
Research Coordinator
303.541.0313
cfalkenstern@wiche.edu

#knocking2016