

Educational Attainment

Five Key Data Releases From the U.S. Census Bureau

Media Webinar

February 23, 2012

Webinar access information

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Today's Speakers

Host

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Presenters

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Electronic Press Kit

- Today's presentation
- News release plus additional findings
- Links to the data products
- Links to educational attainment data for states and the largest metropolitan areas

Products Being Released Today

- Educational Attainment in the United States: 2011 (Table Package)
- Educational Attainment in the United States: 2009 (Report)
- Field of Bachelor's Degree in the United States: 2009 (Report)
- What's It Worth, Field of Training and Economic Status in 2009 (Report)
- Measurement of High School Equivalency Credentials in Census Bureau Surveys (Working Paper)

How We Measure Education in America

- Three different surveys combine for a fuller picture of education in America:
 - American Community Survey (ACS)
 - Current Population Survey (CPS)
 - Survey of Income and Program Participation (SIPP)

American Community Survey

Collected Since:	2005 for all geographic areas
Sample:	Currently 3.4 million households annually
Geographies:	Past year's data available annually for geos of 65,000 or more; Past 3 year's data available annually for geos of 20,000 or more; Past 5 year's data available annually for geos as small as census block groups
Education Questions:	1. Enrollment in school in the past 3 months 2. Highest degree or level of school completed 3. Field of bachelor's degree
Note:	Wide-ranging survey allows cross-tabulation by race, ethnicity, income, language and more

Current Population Survey

Collected Since:	1947
Sample:	About 100,000 households in Annual Social and Economic Supplement (ASEC); Annual School Enrollment Supplement
Geographies:	National level only
Education Questions:	1. Current enrollment 2. Highest degree or level of school completed
Note:	Source for consistent historical picture of education. Wide-ranging survey allows cross-tabulations by race, ethnicity, income, occupation and more

Survey of Income Program and Participation

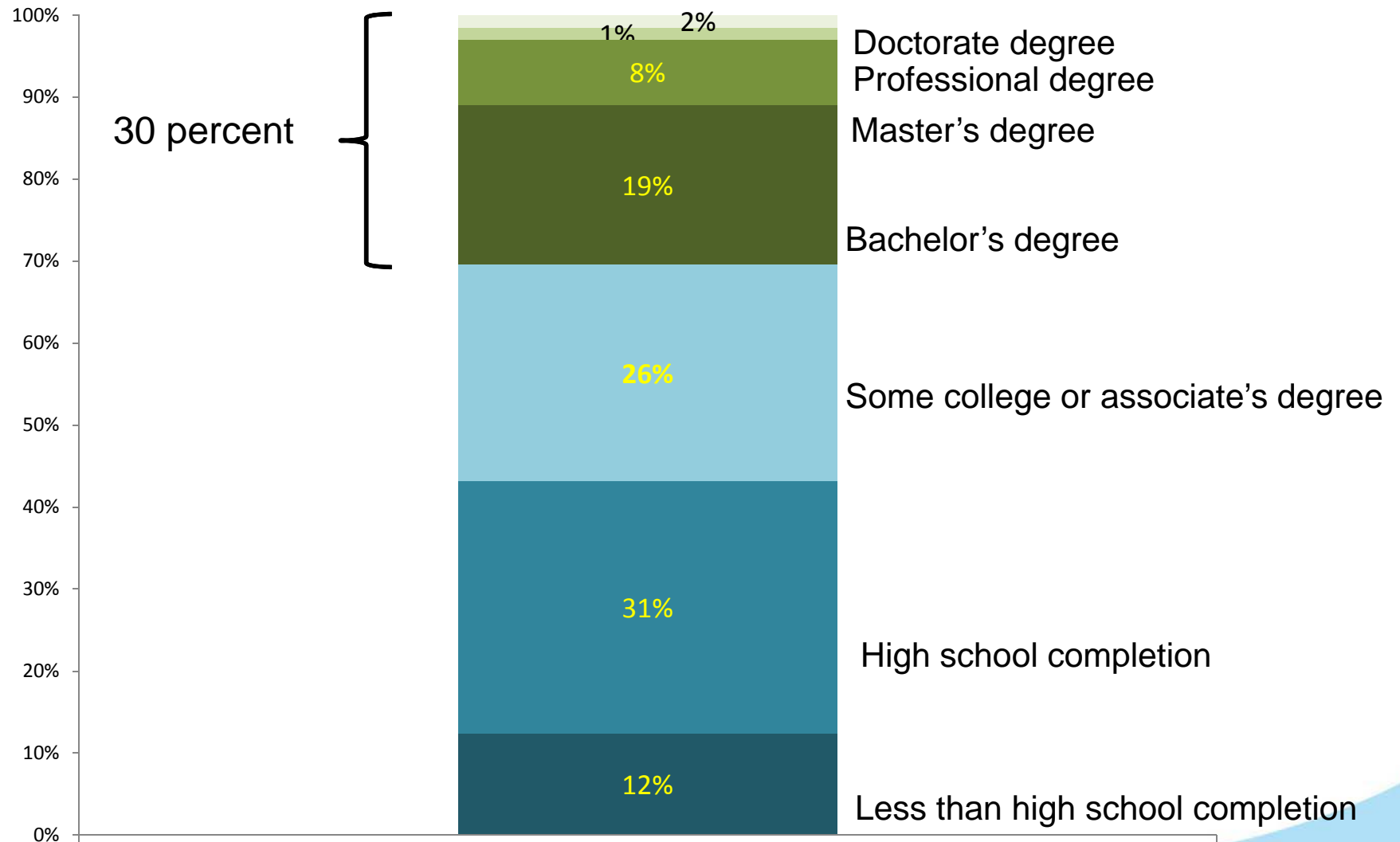
Collected Since:	1984
Sample:	About 65,000 households – last panel began in 2008 and is ongoing
Geographies:	National level only
Education Questions:	<ol style="list-style-type: none">1. Current enrollment, level of educational attainment2. Field of training for postsecondary degrees3. Years taken to earn postsecondary degree
Note:	Longitudinal survey permits analysis of relationship between field of training and economic status, as well as time taken to complete degrees.

Other Education Surveys Collected by the U.S. Census Bureau

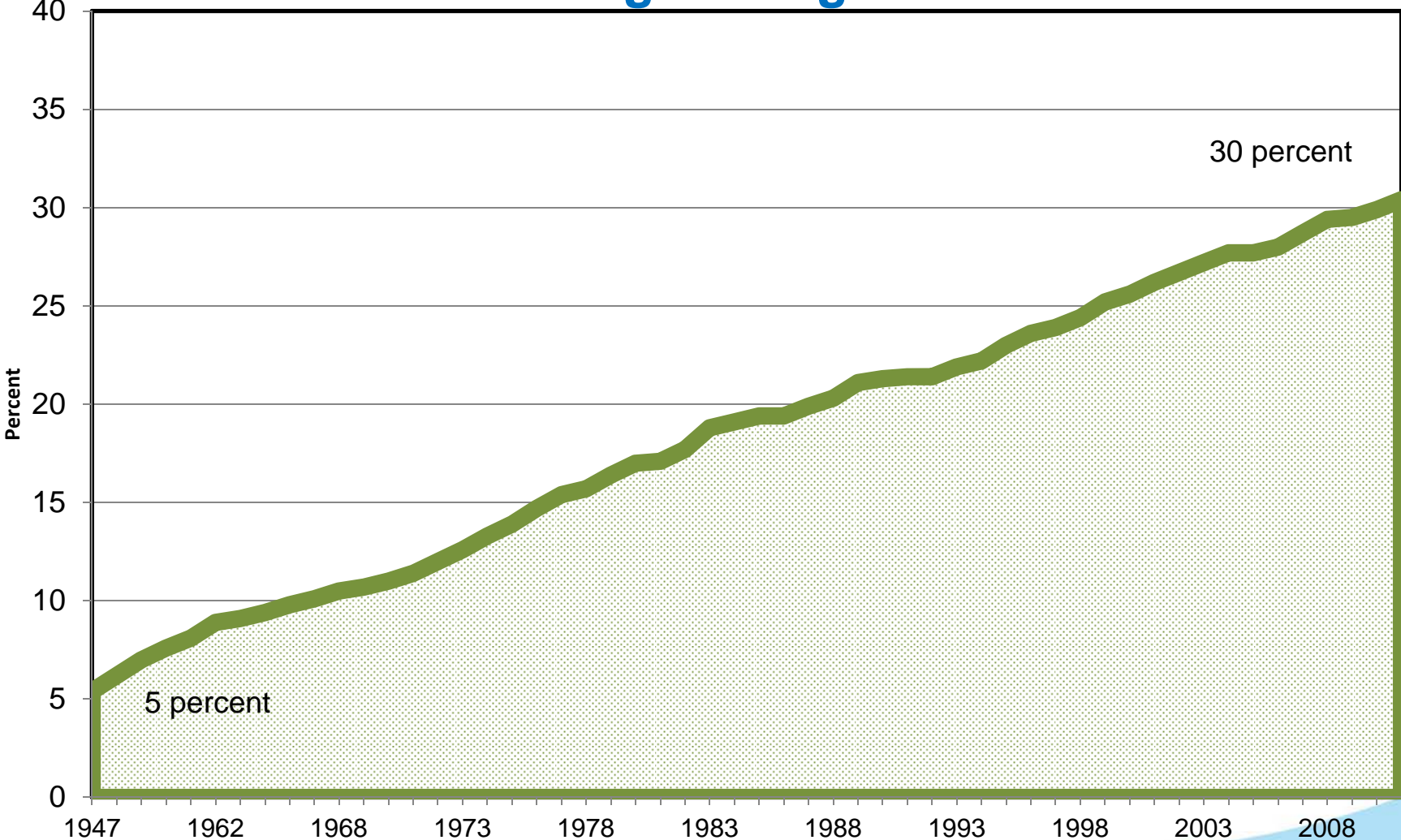
Survey	Data	Sponsored by:
Schools and Staffing Survey	Permits detailed analysis of schools, principals, teachers, students	National Center for Education Statistics
Teacher Follow-Up Survey	Teacher attrition: rates of attrition, characteristics of teachers who leave profession and why they leave	National Center for Education Statistics
National Survey of College Graduates	The number and characteristics of science and engineering graduates	National Science Foundation
Private School Survey	Characteristics of private schools	National Center for Education Statistics
Public Education Finances ('07)	Spending per pupil by state and other school finance statistics	Census Bureau

Educational Attainment Today

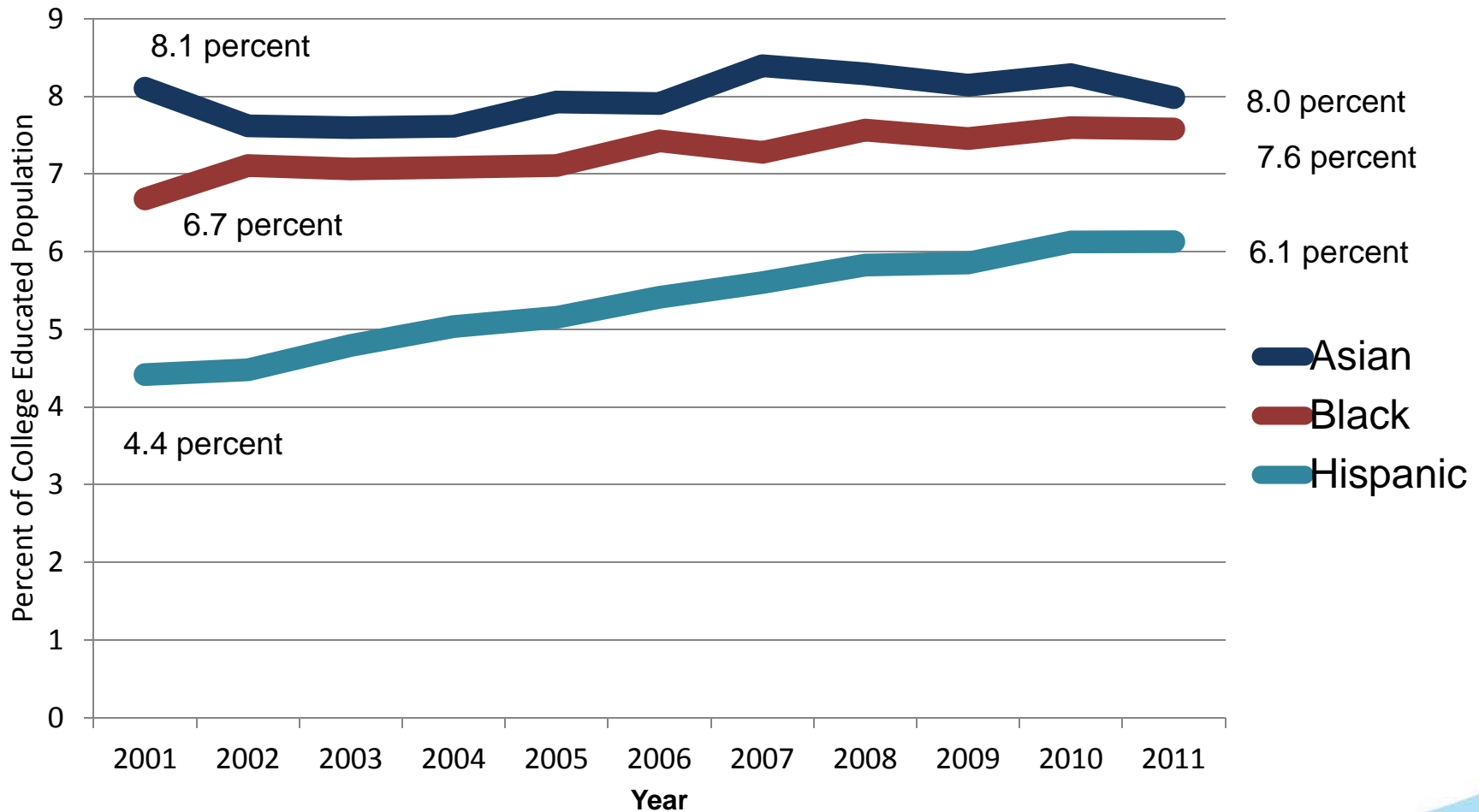
Educational Attainment of the Population 25 Years and Older: 2011



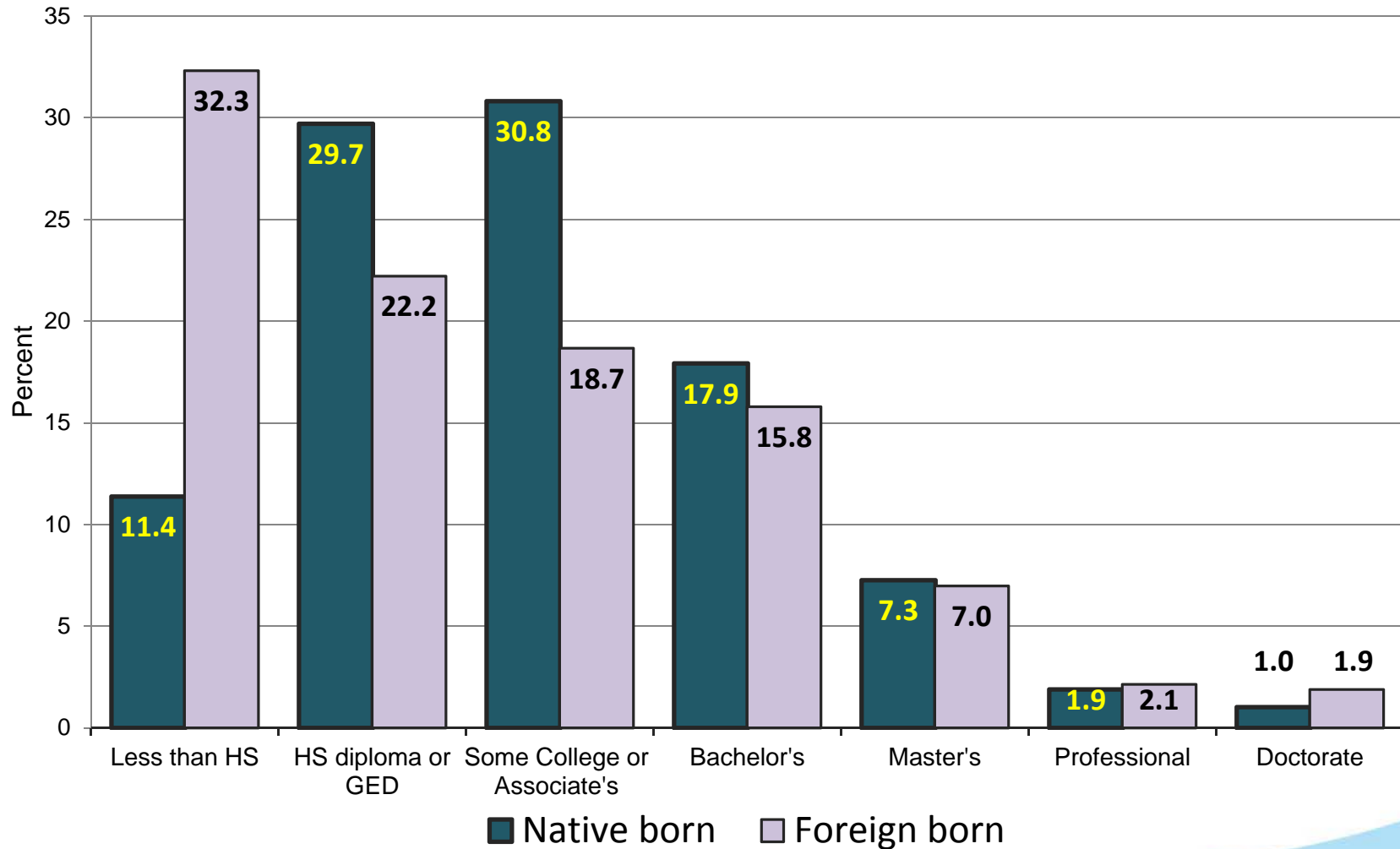
Percent of People 25 and Over With a Bachelor's or Higher Degree: 1947-2011



Percent of the College-Educated Population 25 and Over Who are Asian, Black or Hispanic: 2001-2011



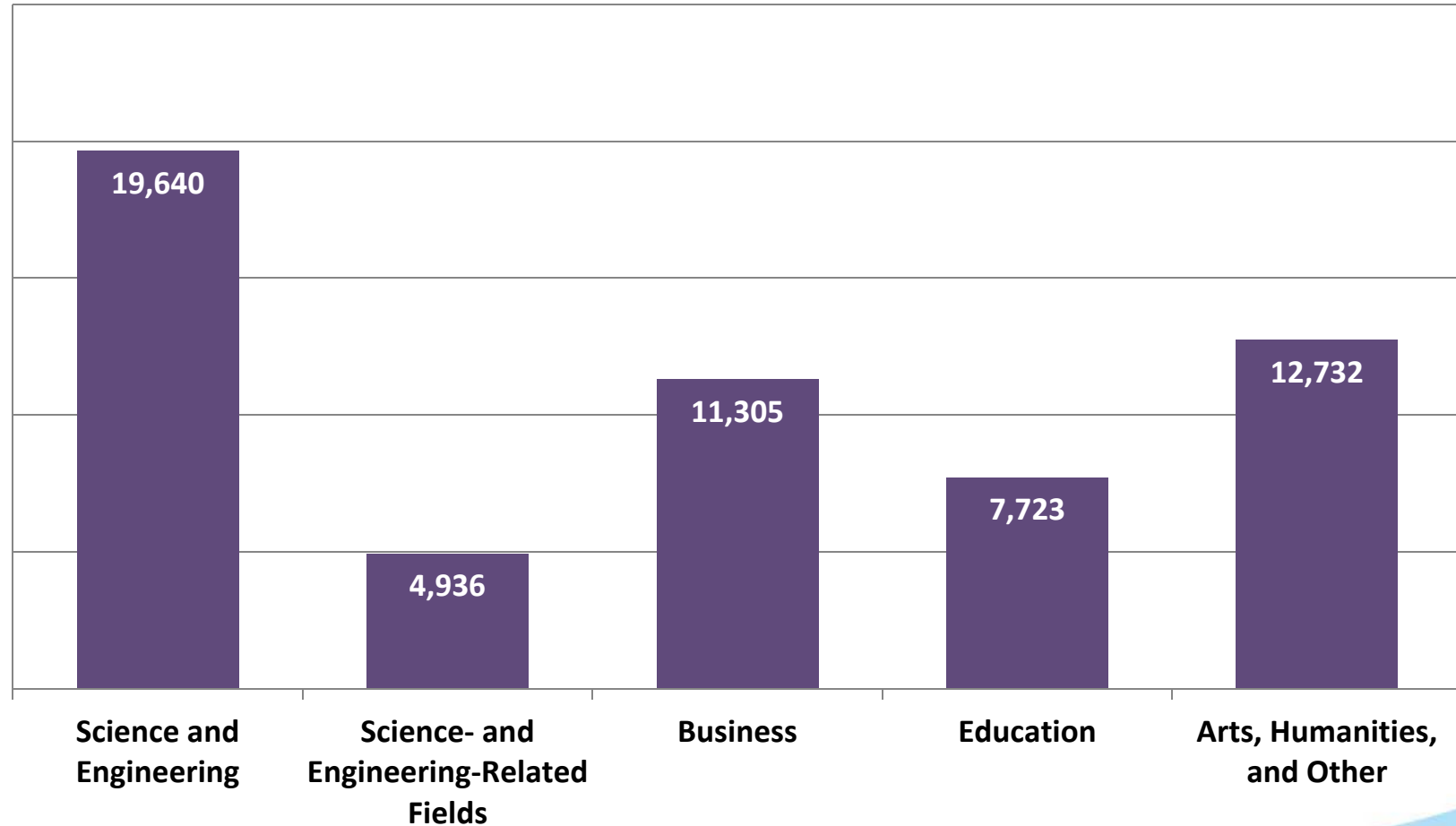
Educational Attainment of the Native-born and Foreign-born Population: 2009



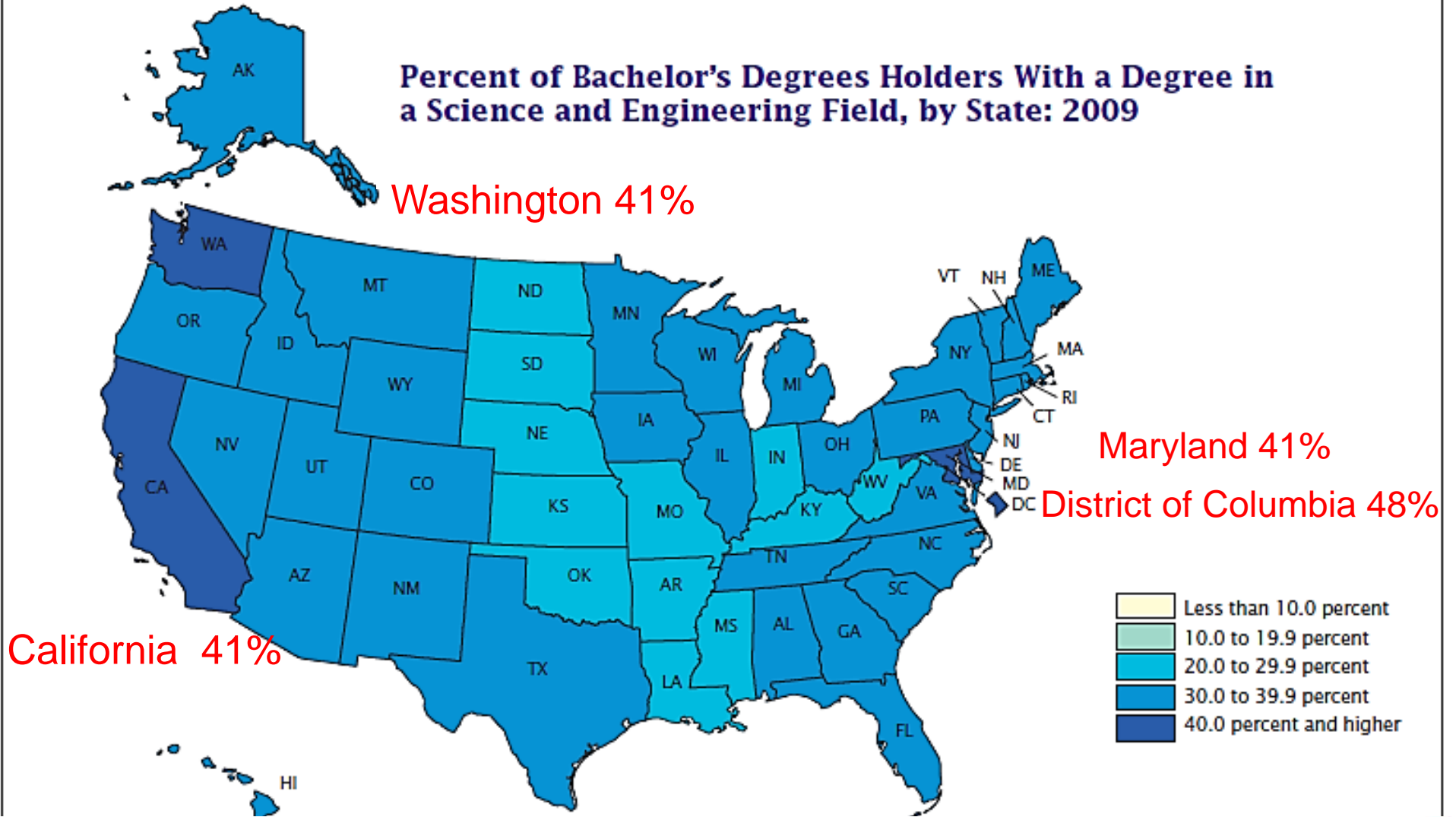
Field of Bachelor's Degree

Distribution of Bachelor's Degree Holders by Selected Fields: 2009

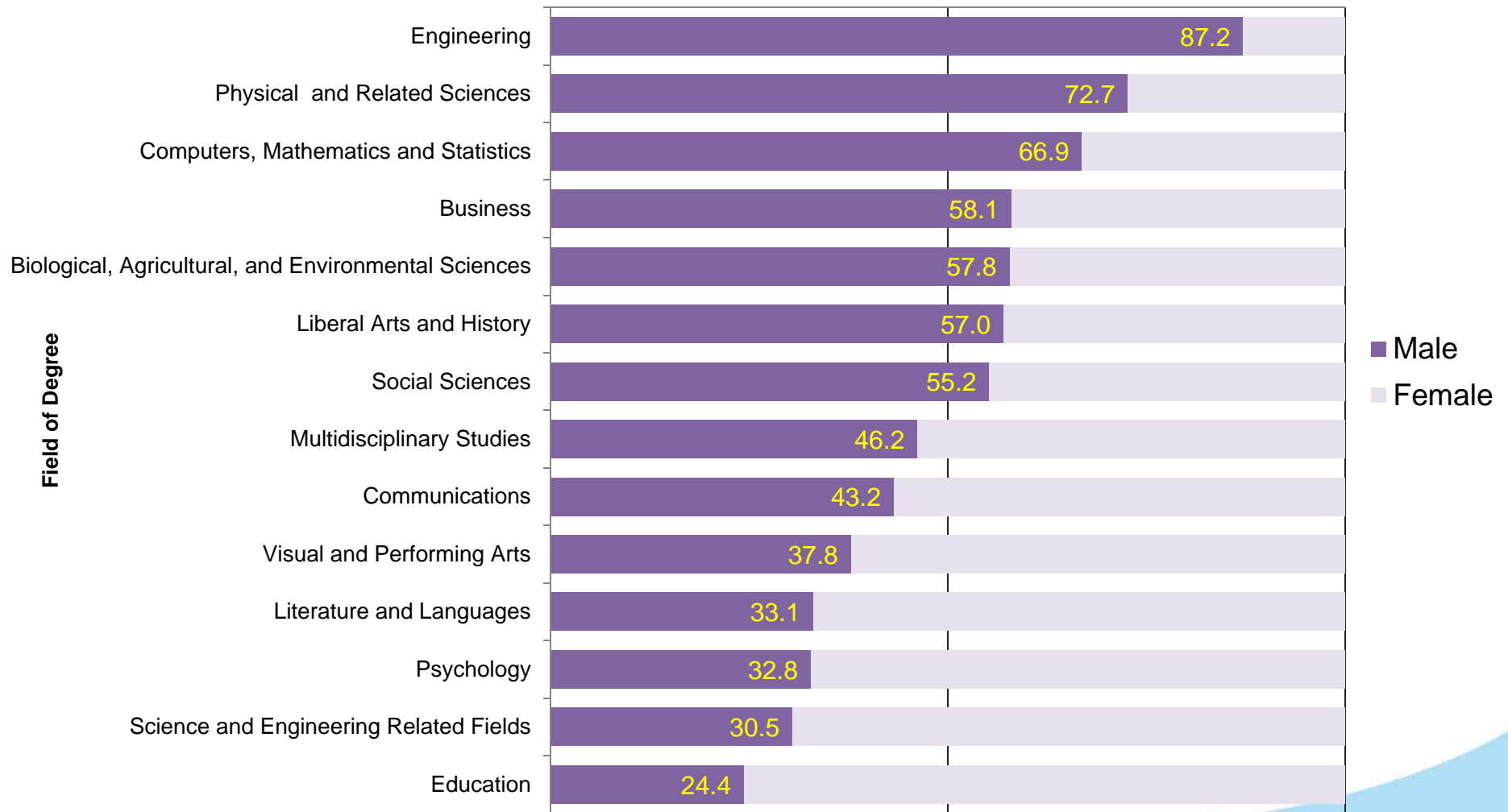
(Numbers in thousands)



Percent of Bachelor's Degrees Holders With a Degree in a Science and Engineering Field, by State: 2009



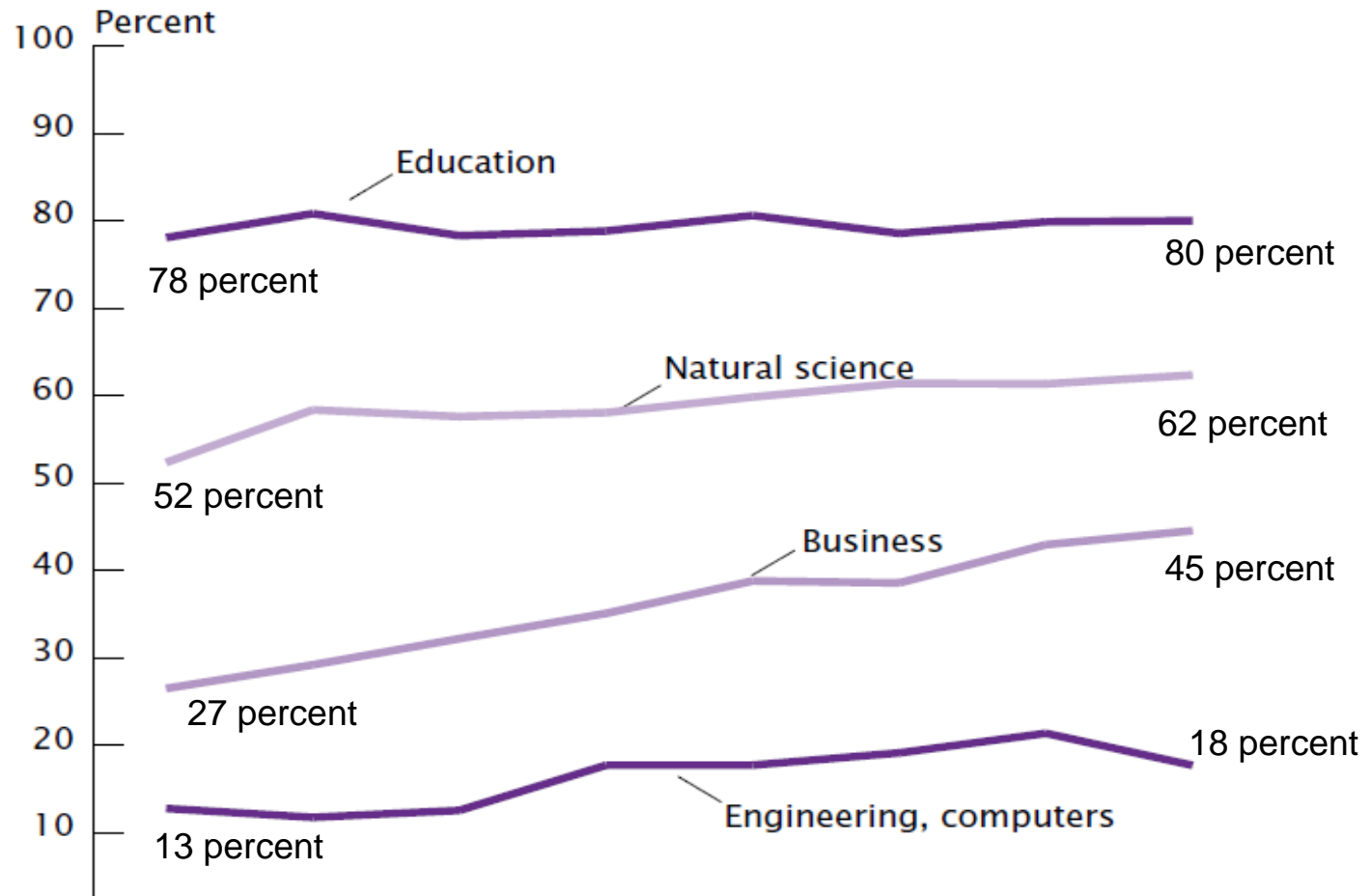
Sex Distribution Within Field of Bachelor's Degree: 2009



Percentage Female for Selected Fields: 1984–2009

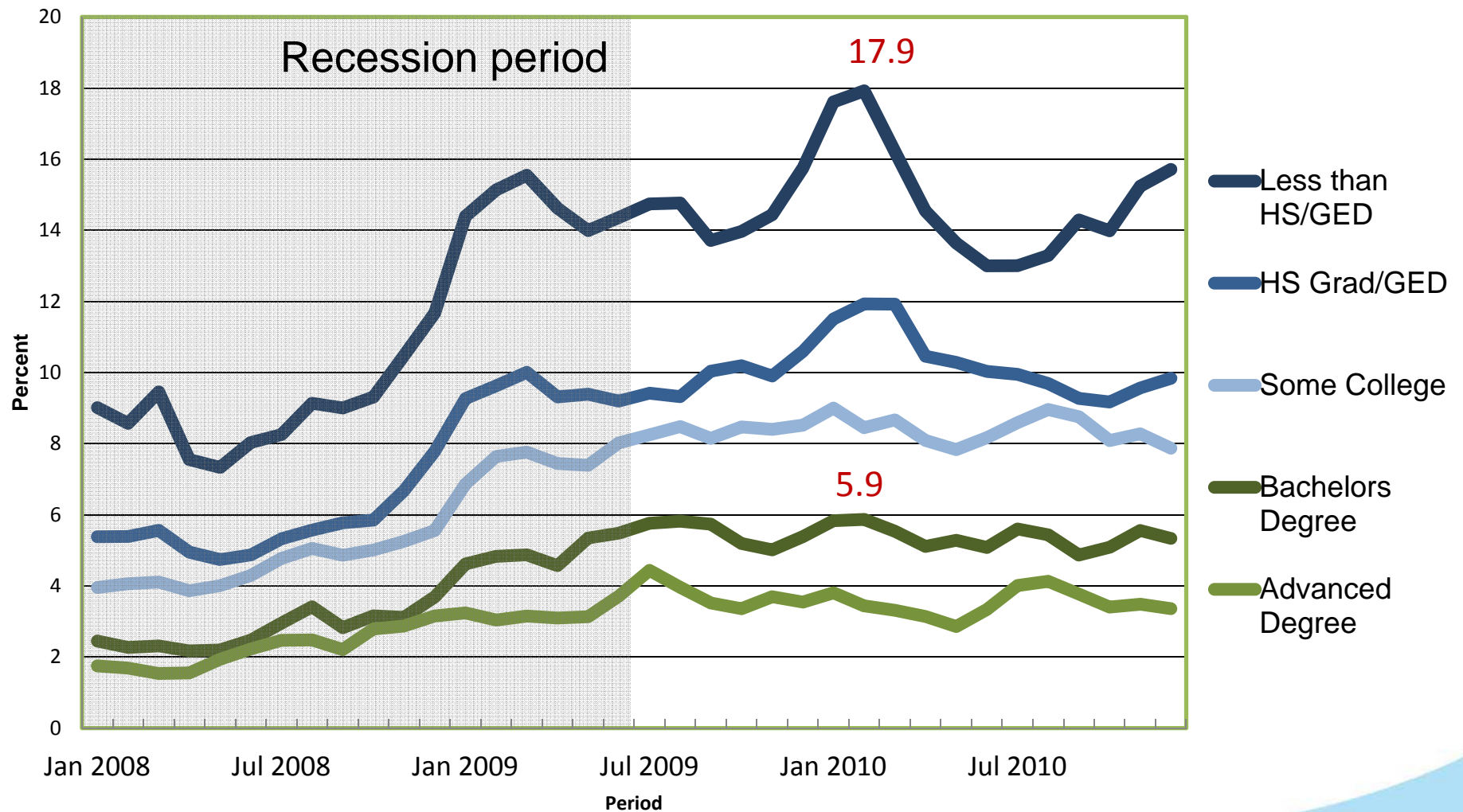
Bachelor's Degree

(Population aged 18 and older with a bachelor's degree)



What's It Worth: The Payoff of Education

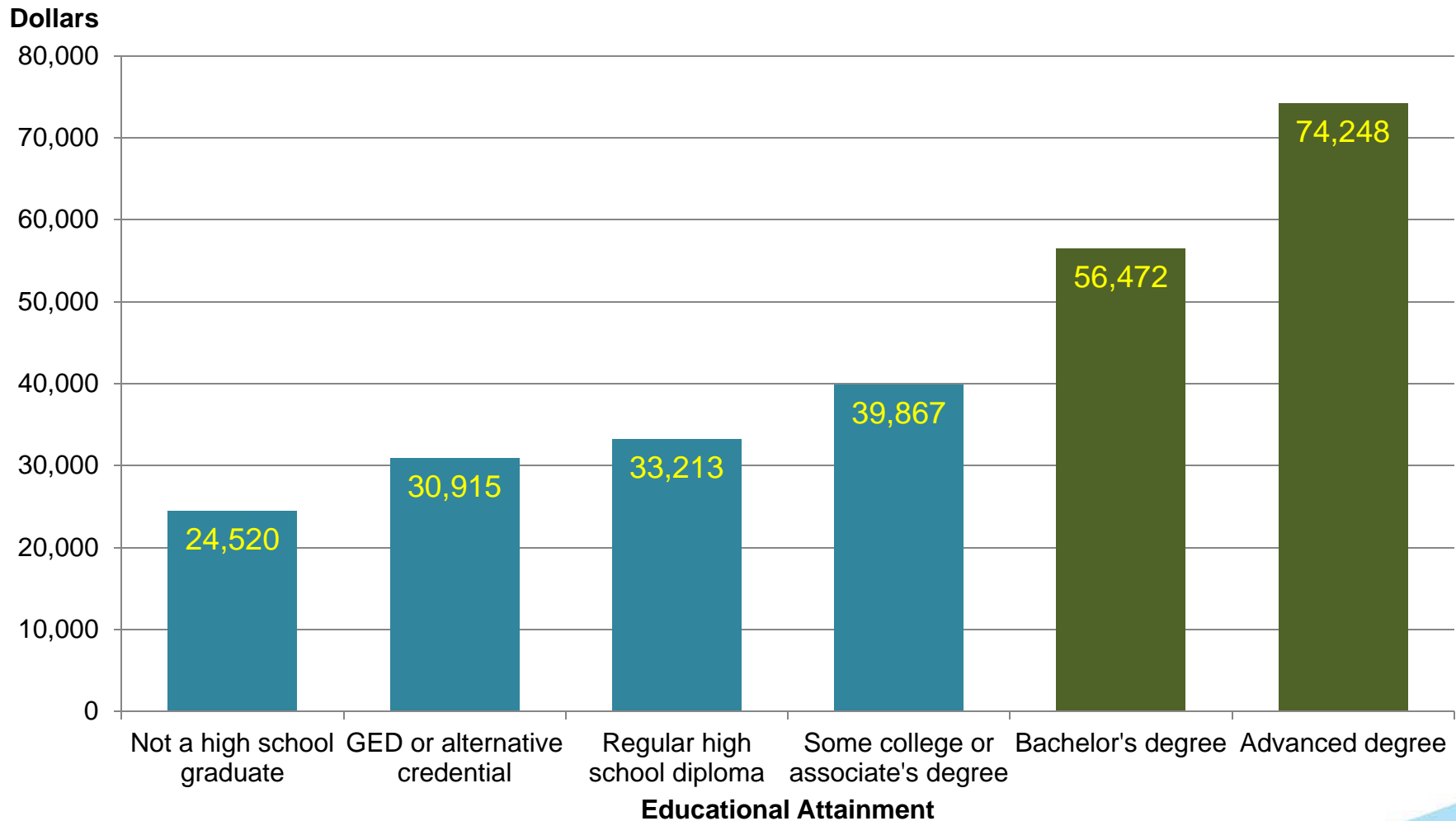
Unemployment Rate by Educational Attainment, Population 25 and Older: 2008 - 2010



Mean, Median and Average

- Mean – Total divided by number of people
- Median – Amount where half the people have more, half have less
- Average – Usually refers to “mean,” but no strict definition

Median Earnings for Full-Time Workers 25 Years and Over by Educational Attainment: 2009

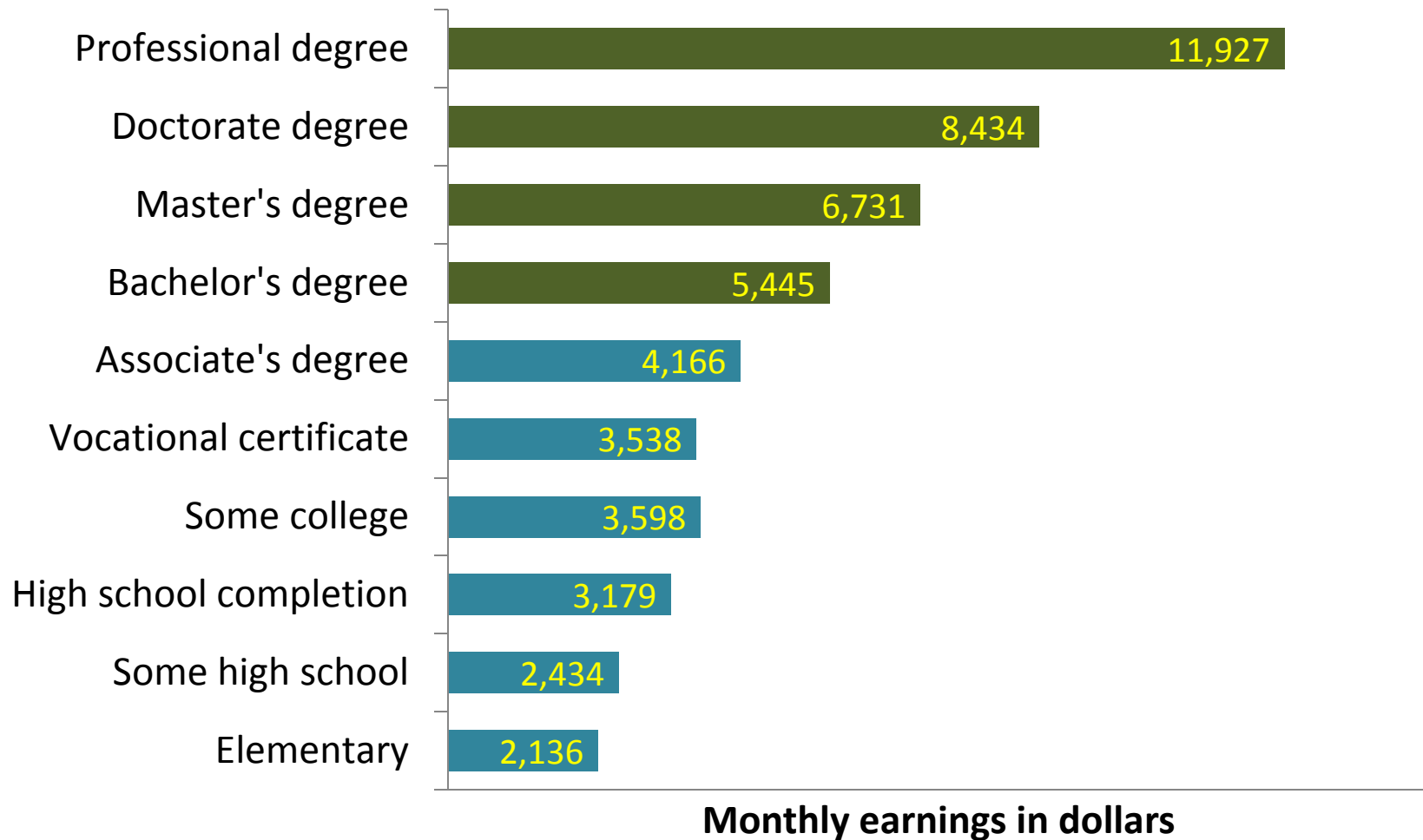


Median Earnings for Full-Time Workers 25 Years and Over by Educational Attainment: 2009

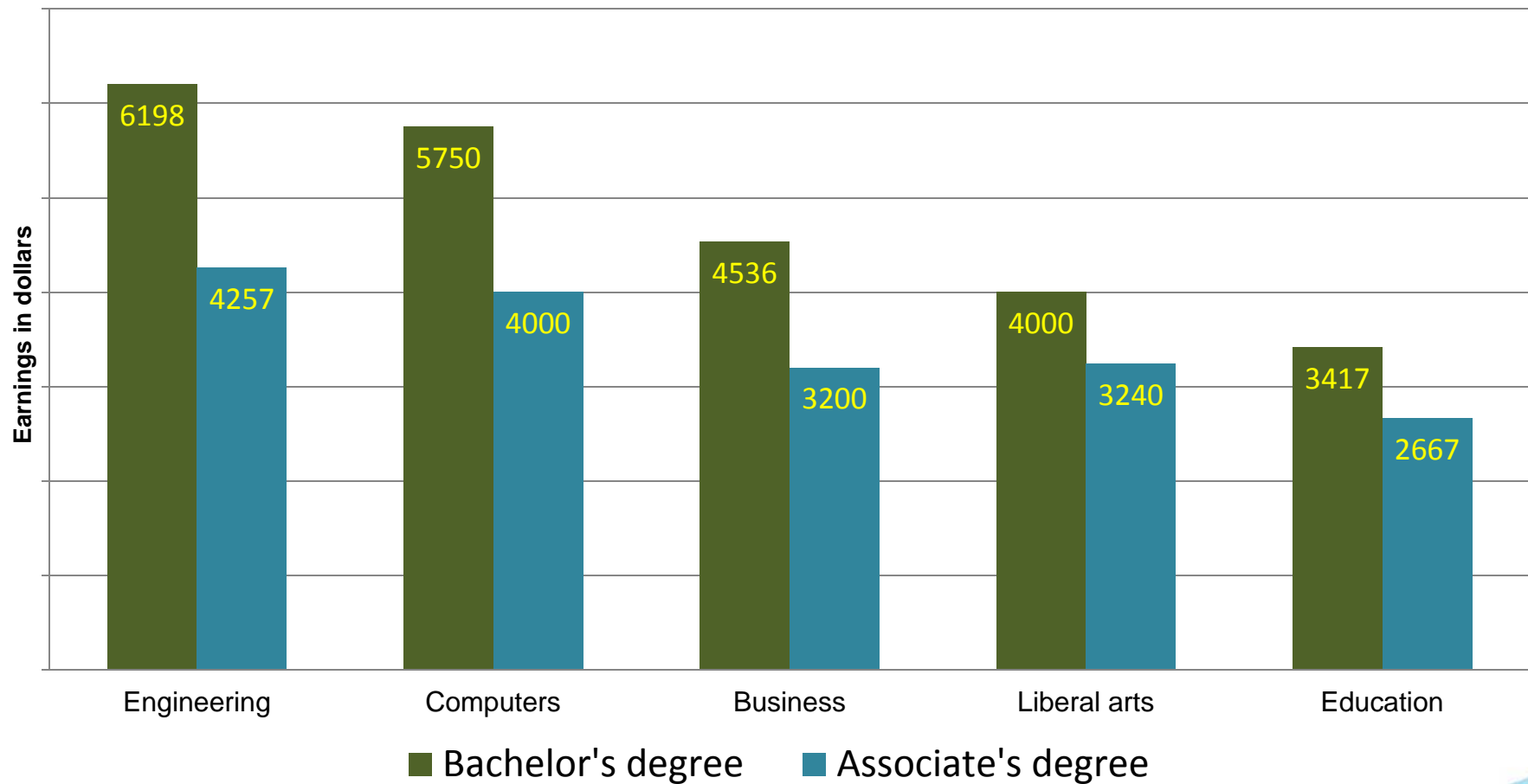
(Earnings in dollars)

	Total	Not a high school graduate	Regular high school diploma	GED or alternative credential	Some college or associate's degree	Bachelor's degree	Advanced degree
All full-time, year-round workers	42,200	24,500	33,200	30,900	39,900	56,500	74,200
Age group:							
25 to 34 years			28,700	27,900	33,200	46,000	56,300
35 to 44 years	36,400	22,000	34,000	31,500	41,200	61,700	78,600
45 to 64 years	44,400	24,800	35,900	32,900	44,000	63,300	82,100
65 years and over	46,700	26,200	30,300	28,000	38,000	52,700	77,400
	38,400	24,200					
Sex:							
Male			38,400	35,500	46,500	64,900	89,400
Female	48,200	27,500	28,200	25,800	34,400	48,200	61,500
	37,200	20,000					
Race and Hispanic origin:							
White alone			34,900	31,500	41,300	58,100	75,300
Non-Hispanic White alone	44,400	25,600	36,000	31,800	41,900	58,800	76,000
Black alone	46,800	29,200	29,000	27,300	34,800	47,200	61,800
Asian alone	35,200	23,300	28,500	32,600	38,700	58,200	82,700
Hispanic (of any race)	49,200	23,600	27,900	29,500	35,600	46,800	62,000
	30,100	22,500					

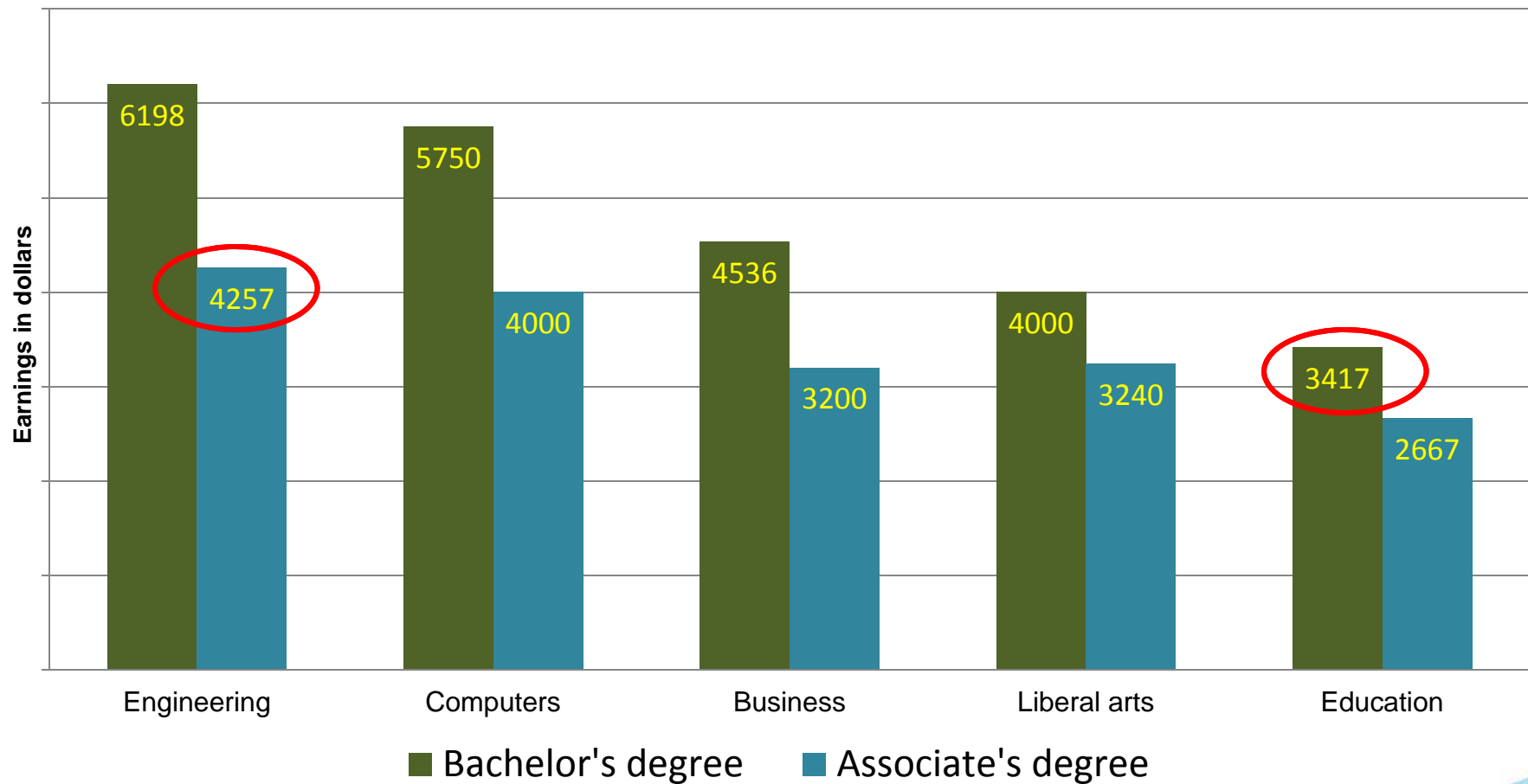
Mean Monthly Earnings by Educational Attainment Among the Population 18 Years and Over with Earnings: 2009



Median Monthly Earnings by Selected Field of Training and Education Levels: 2009

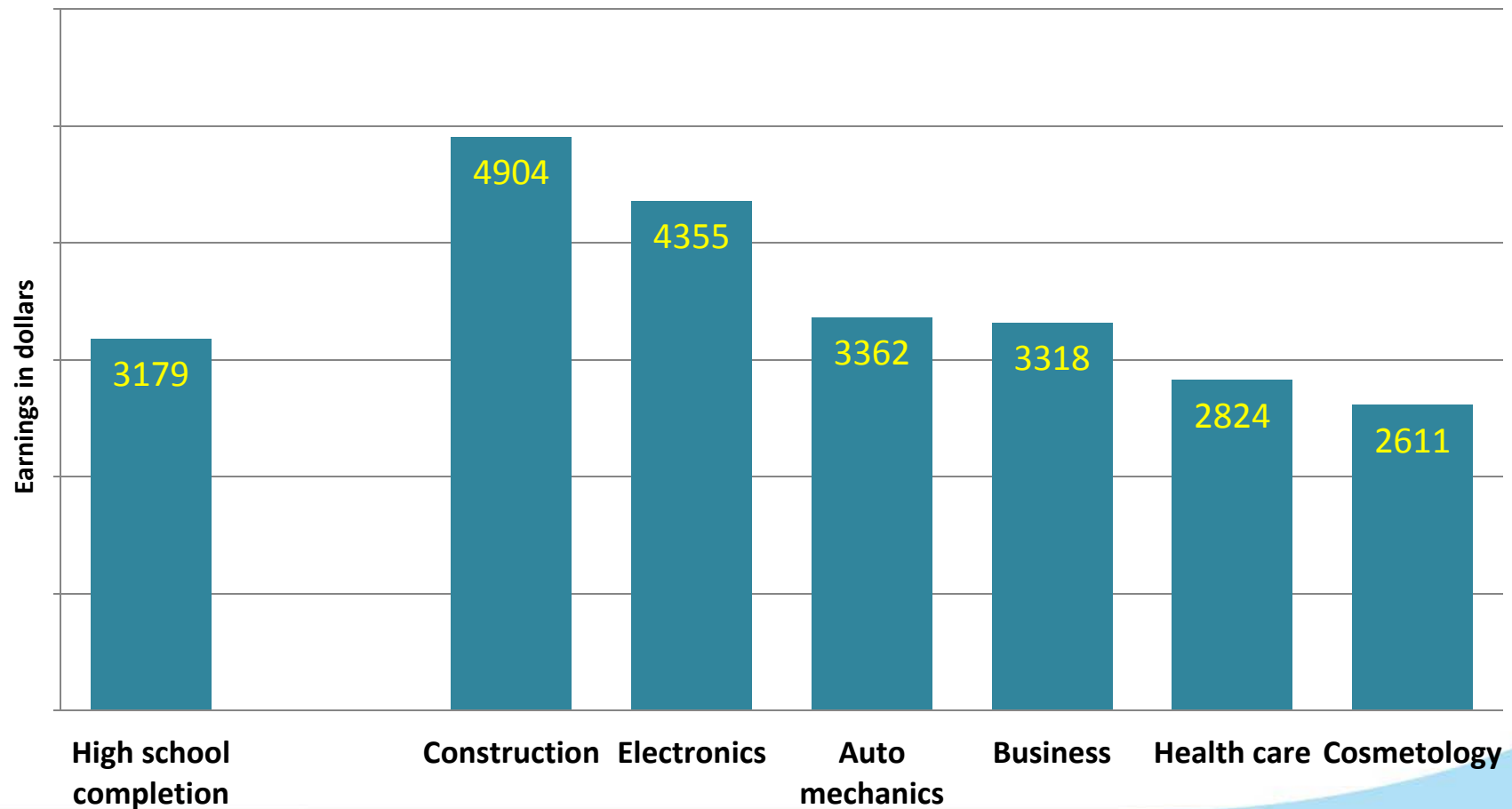


Median Monthly Earnings by Selected Field of Training and Education Levels: 2009



Mean Monthly Earnings by Vocational Certificate Field Among the Population 18 Years and Over with Earnings: 2009

(Earnings in dollars)



High School Equivalency (GED)

Characteristics of GED and High School Diploma Holders Among the Population 18 Years and Over: 2009

(Earnings in dollars)

	GED		High school diploma	
	Percent	Mean monthly earnings	Percent	Mean monthly earnings
Total	100.0	3,149	100.0	4,690
Highest Degree Level				
High school graduate	57.3	2,922	27.2	3,222
Some college	38.0	3,192	39.6	3,794
Bachelor's degree or higher	4.8	4,852	33.2	6,305

Questions?

Upcoming Releases and Events From the U.S. Census Bureau

- 2010 Census Summary File 2 – Ongoing release of state files (Dec. 2011– April 2012)
- Release of 1940 Population and Housing Records by the National Archives (April 2)
- July 1, 2011 Population Estimates: Counties and Metropolitan Areas (April 5)
- Annual Survey of State Tax Collections: FY2011 (April 12)
- Public Education Finances (April 30)

For Further Information

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