Demographic Trends and Implications on Education and Economy

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Southern California Association of Governments (SCAG)

Prepared for
Improving Latino College Completion: Promising Policy and Practice

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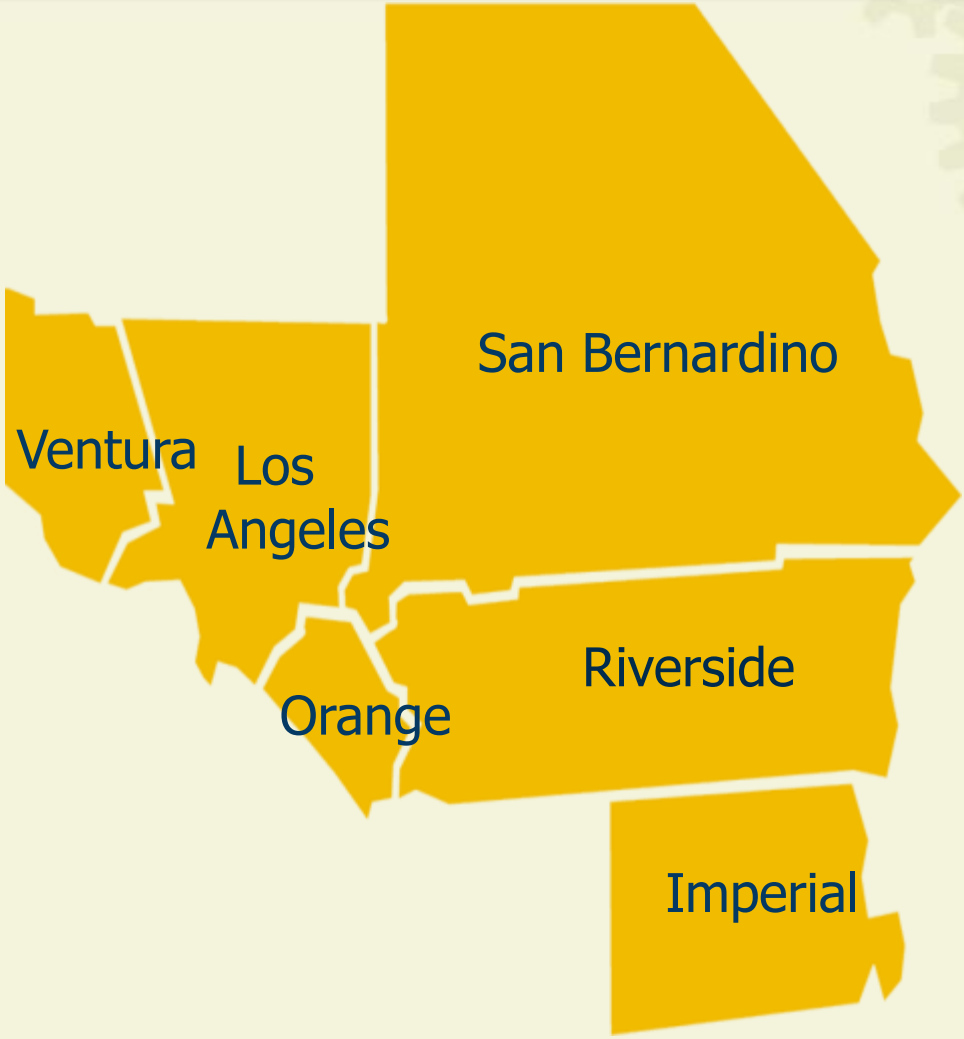
Overview of Southern California Association of Governments (SCAG) Region

SCAG Quick Facts



- Nation's largest Metropolitan Planning Organization (MPO) and Council of Governments (COG)
- Governed by a Regional Council of 84 local elected officials
- 6 counties and 191 cities
- 38,000 Square Miles

SCAG Quick Facts (continued)

- 16th largest economy in the world
- 6% of US population: 18 million (SCAG Region) vs. 300 million (US)
- 49% of State population
- 5.9 million households
- 14 million registered vehicles
- 11 million licensed drivers
- 12,757 freeway & carpool lane miles
- $60,141 median household income

SCAG Deals With:

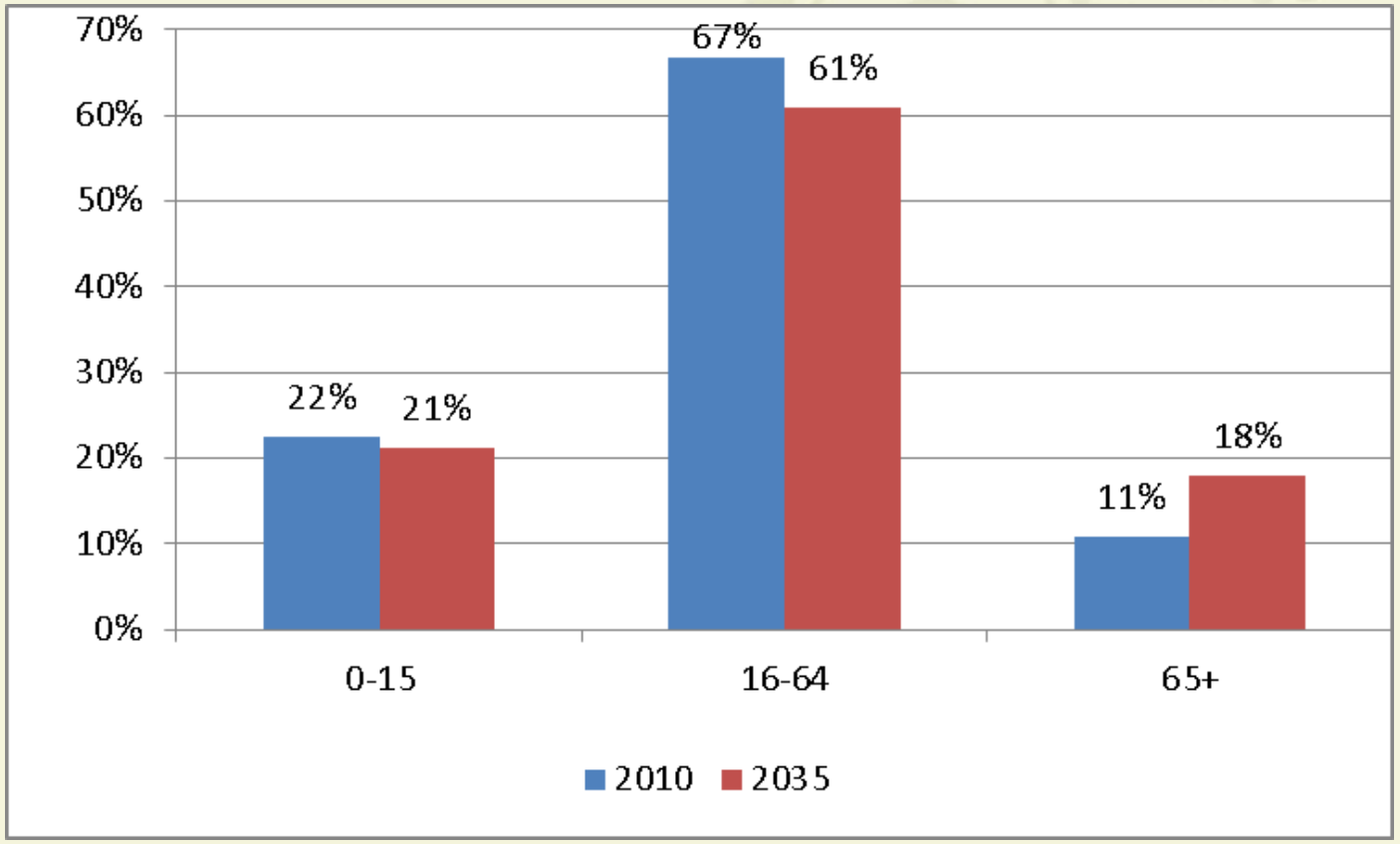
Regional Issues

- Transportation
- Goods Movement
- Housing
- Air Quality
- Land Use
- Funding
- Growth & Demographic Analysis/Forecast
- and More...

Major Demographic Trends

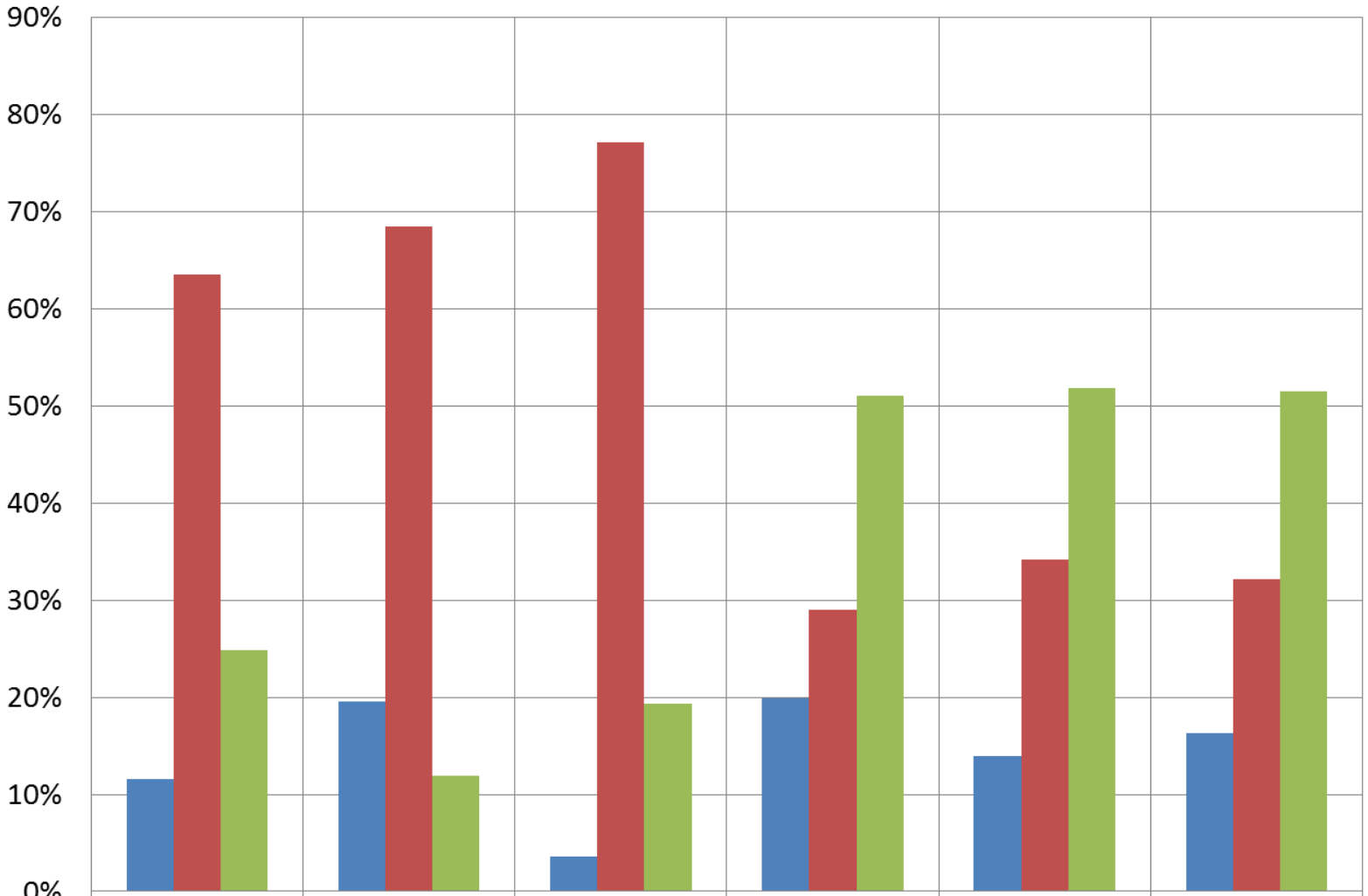
- Aging
- Diversity:
  - Population growth primarily from:
    - Hispanic and non-Hispanic Asians
      - Immigrants' children
      - Immigrations
- Outcome and performance of Hispanic population
- Implications

Population by Age, SCAG Region, 2010 & 2035



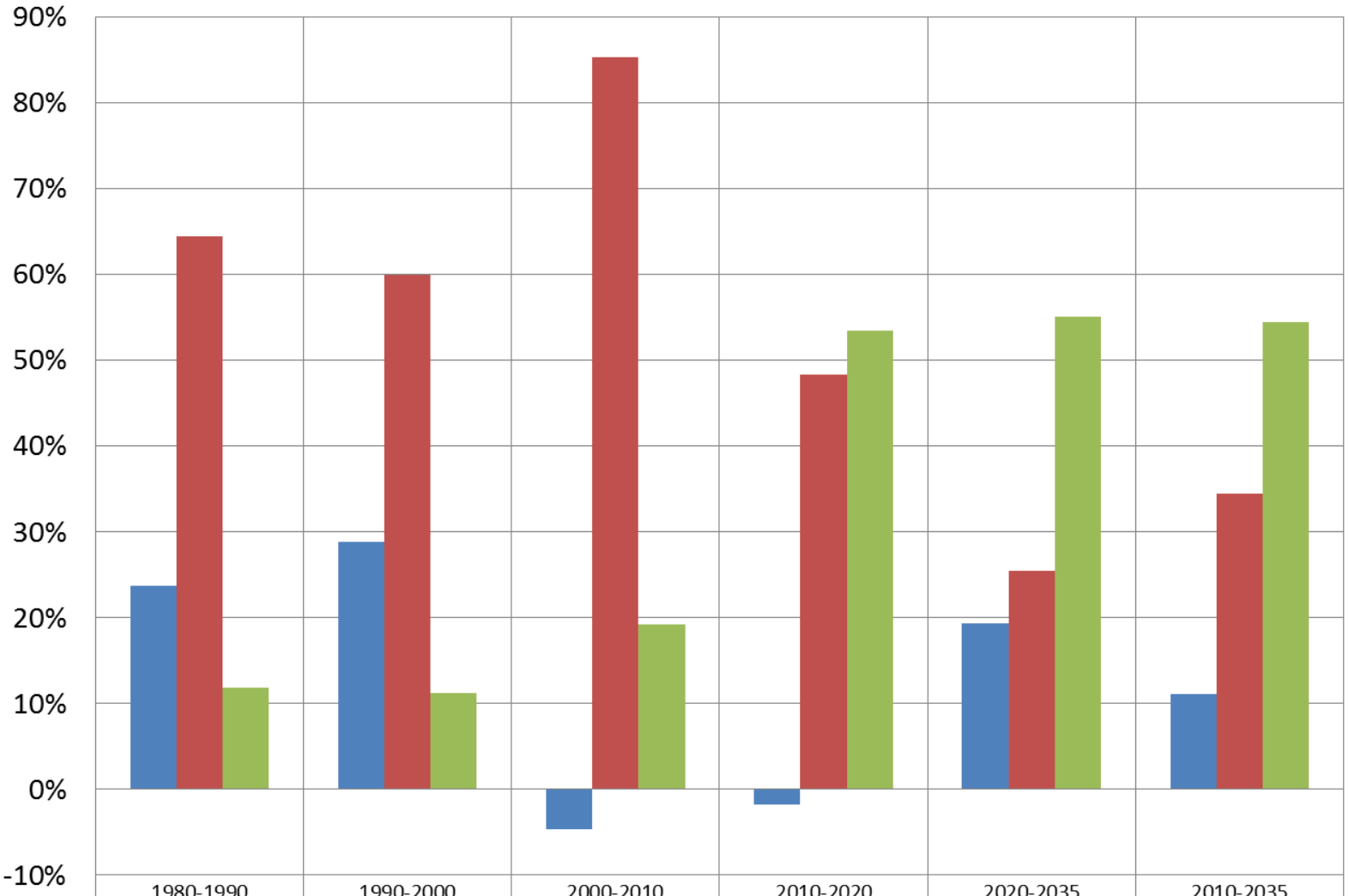
Source: US Census Bureau & SCAG

US Historical and Projected Share of Population Growth by Age Cohort



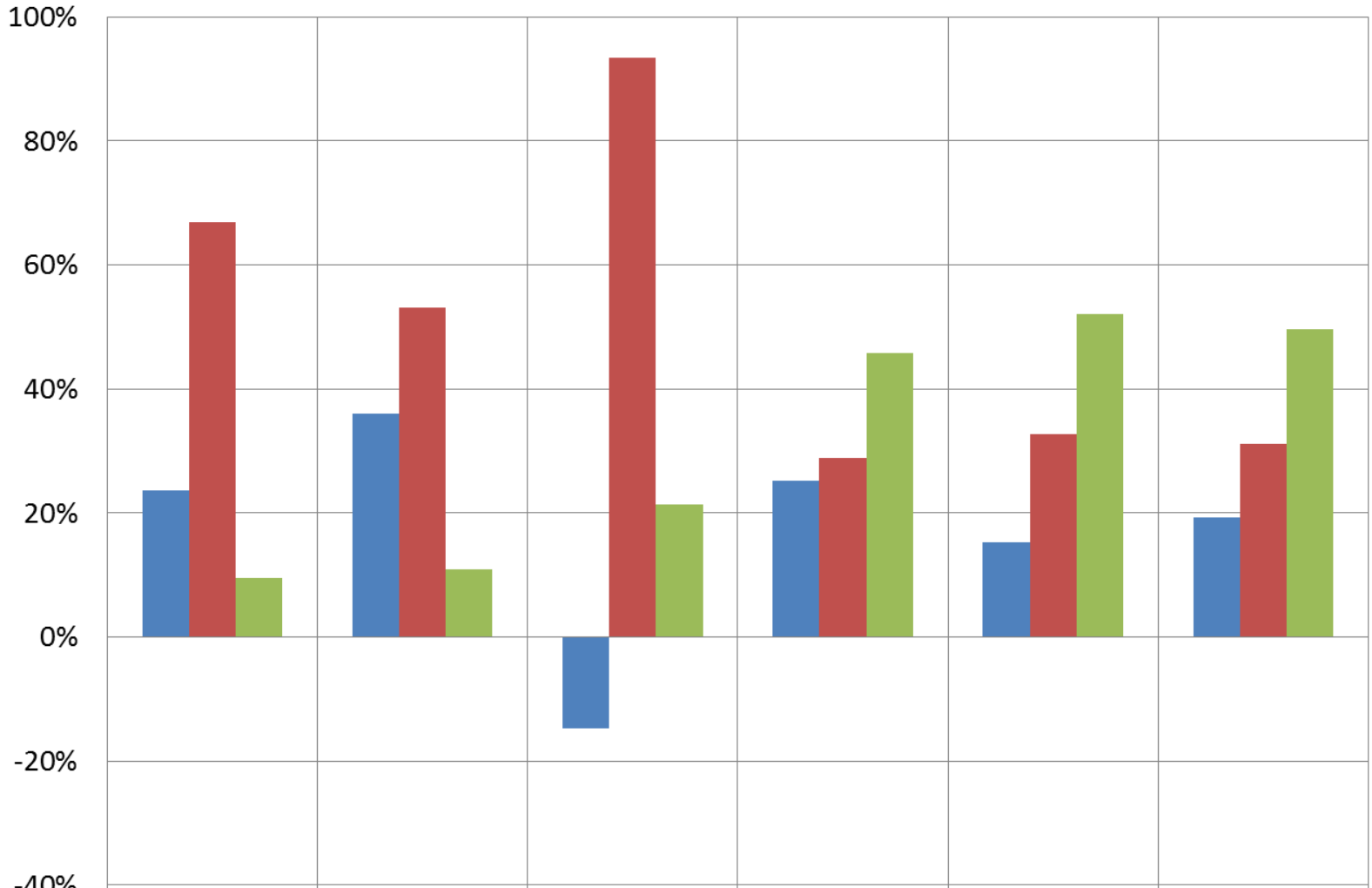
	1980-1990	1990-2000	2000-2010	2010-2020	2020-2035	2010-2035
young (0-14)	11.6%	19.6%	3.6%	20.0%	13.9%	16.3%
Working age(15-64)	63.5%	68.5%	77.1%	29.0%	34.2%	32.2%
Old (65 & Above)	24.9%	12.0%	19.3%	51.0%	51.8%	51.5%

CA Historical and Projected Share of Population Growth by Age Cohort

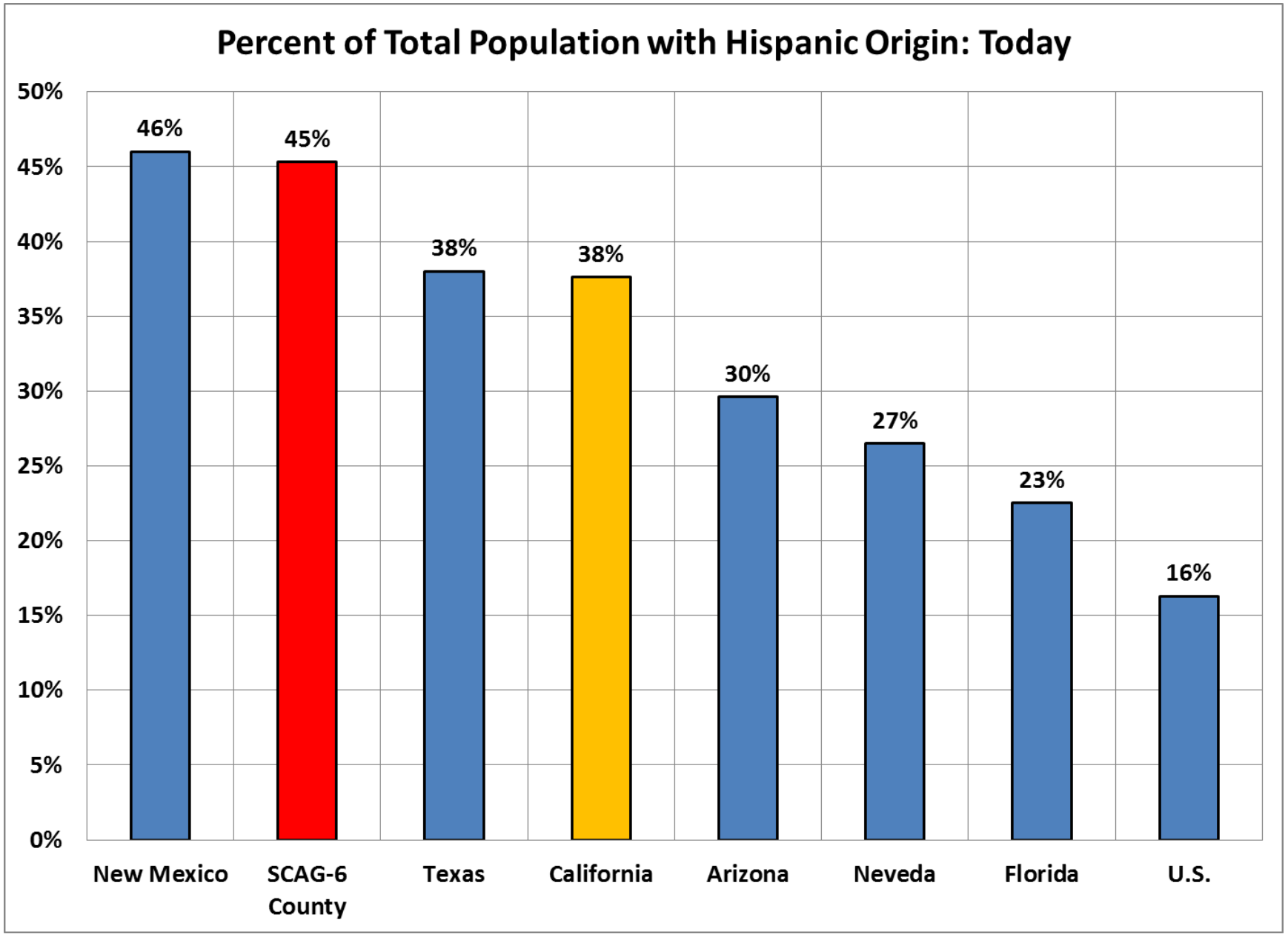


	1980-1990	1990-2000	2000-2010	2010-2020	2020-2035	2010-2035
young (0-14)	23.7%	28.8%	-4.6%	-1.7%	19.4%	11.1%
Working age(15-64)	64.5%	60.0%	85.4%	48.3%	25.5%	34.5%
Old (65 & Above)	11.8%	11.2%	19.2%	53.4%	55.1%	54.5%

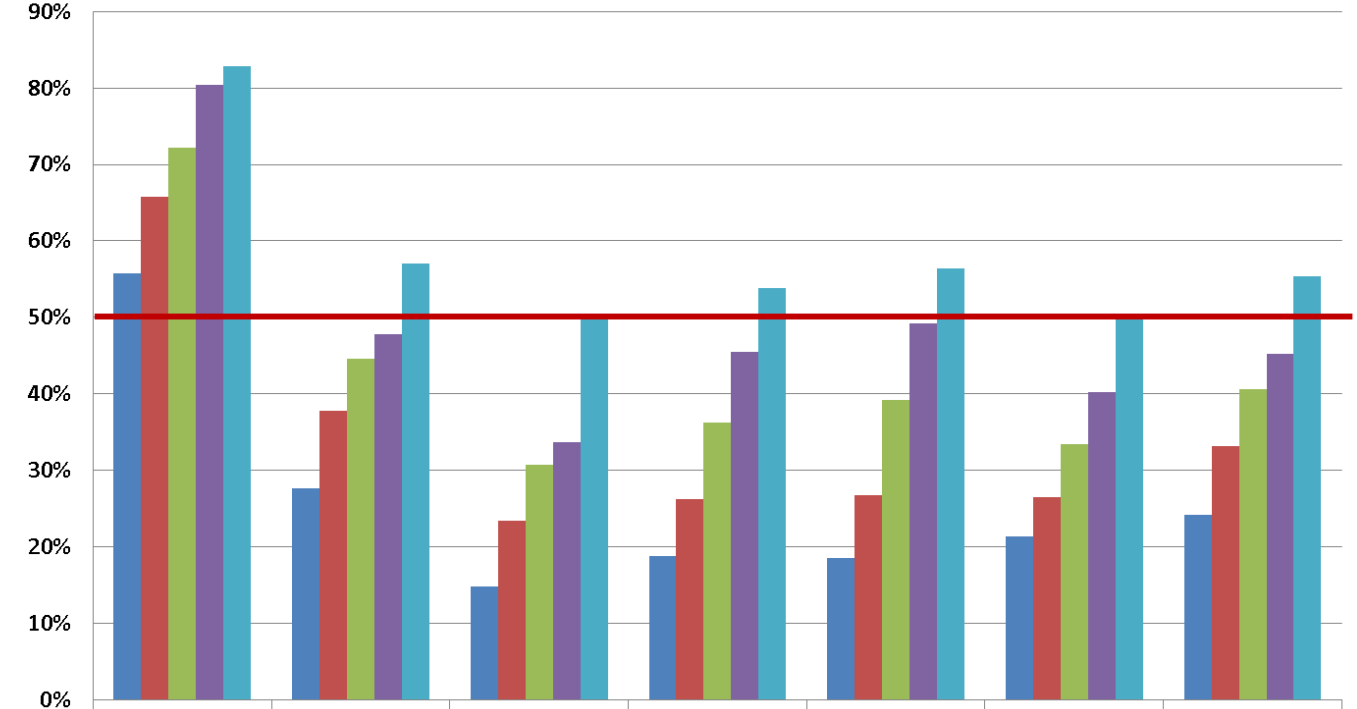
SCAG Historical and Projected Share of Population Growth by Age Cohort



	1980-1990	1990-2000	2000-2010	2010-2020	2020-2035	2010-2035
young (0-14)	23.6%	36.0%	-14.7%	25.3%	15.2%	19.2%
Working age(15-64)	66.8%	53.1%	93.3%	28.8%	32.6%	31.1%
Old (65 & Above)	9.6%	11.0%	21.4%	45.9%	52.1%	49.6%


Percent of Total Population with Hispanic Origin: Today
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
46%
45%
38%
38%
30%
27%
23%
16%
New Mexico
SCAG-6 County
Texas
California
Arizona
Neveda
Florida
U.S.

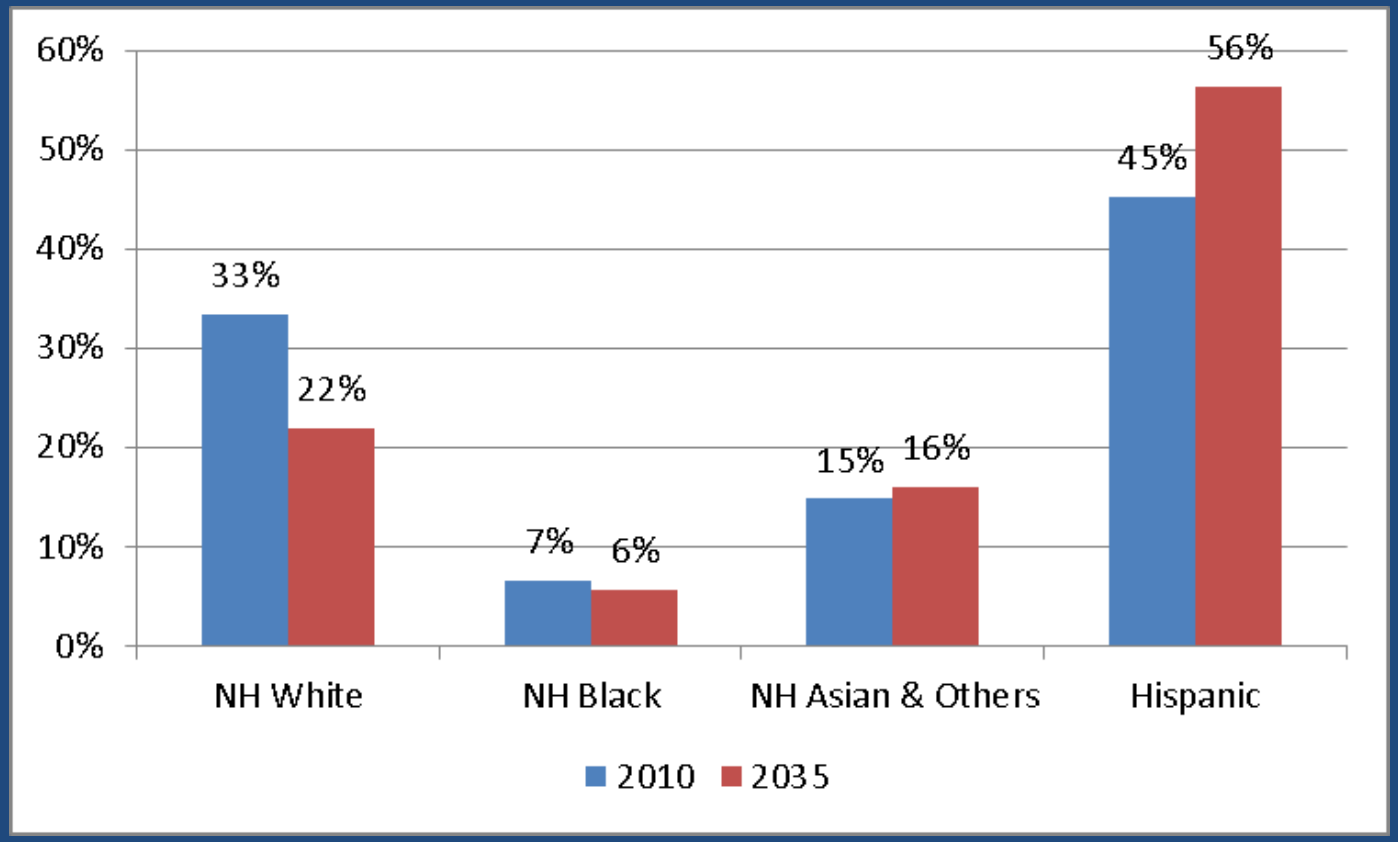
Shift in Hispanic Ethnicity: SCAG Region



	Imperial	Los Angeles	Orange	Riverside	SanBernardino	Ventura	SCAG Region
1980	55.8%	27.6%	14.8%	18.8%	18.5%	21.4%	24.2%
1990	65.8%	37.8%	23.4%	26.3%	26.7%	26.4%	33.1%
2000	72.2%	44.6%	30.8%	36.2%	39.2%	33.4%	40.6%
2010	80.4%	47.7%	33.7%	45.5%	49.2%	40.3%	45.3%
2035	82.8%	57.0%	50.0%	53.8%	56.3%	50.1%	55.4%

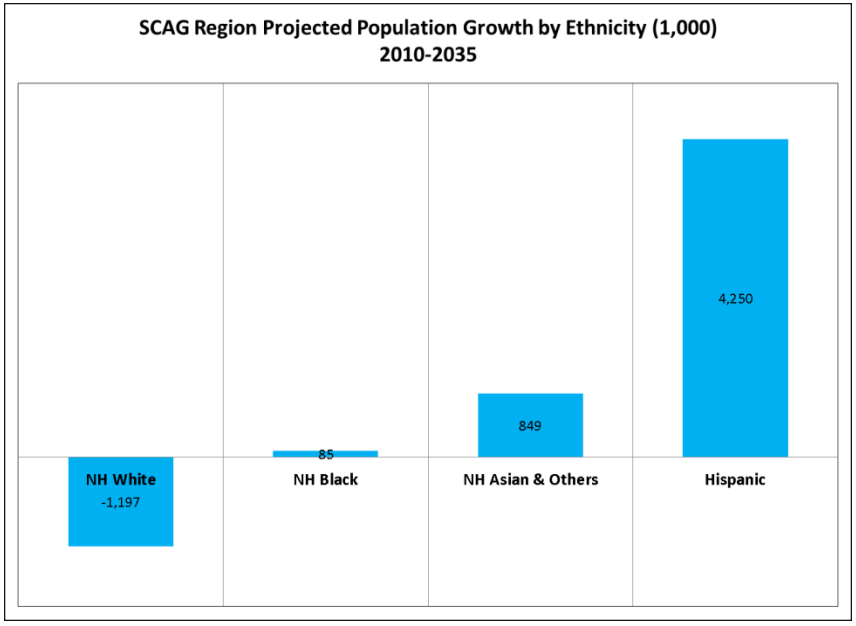
- SCAG region will be majority Hispanic by 2025
- Hispanic population overall has
  - Lower income
  - Lower educational attainment
  - Low government representation
  - Larger household size
  - Younger

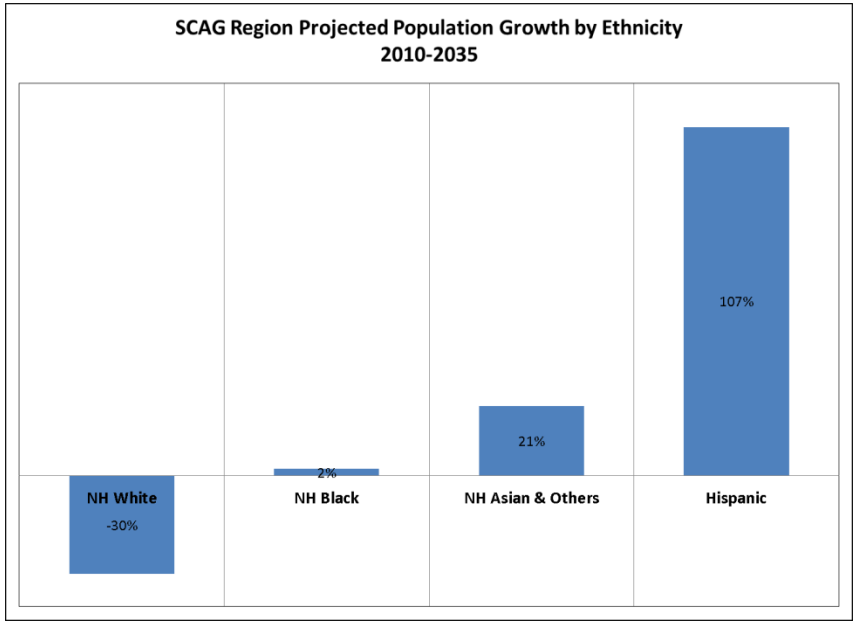
Population by Ethnicity, SCAG Region, 2010 & 2035



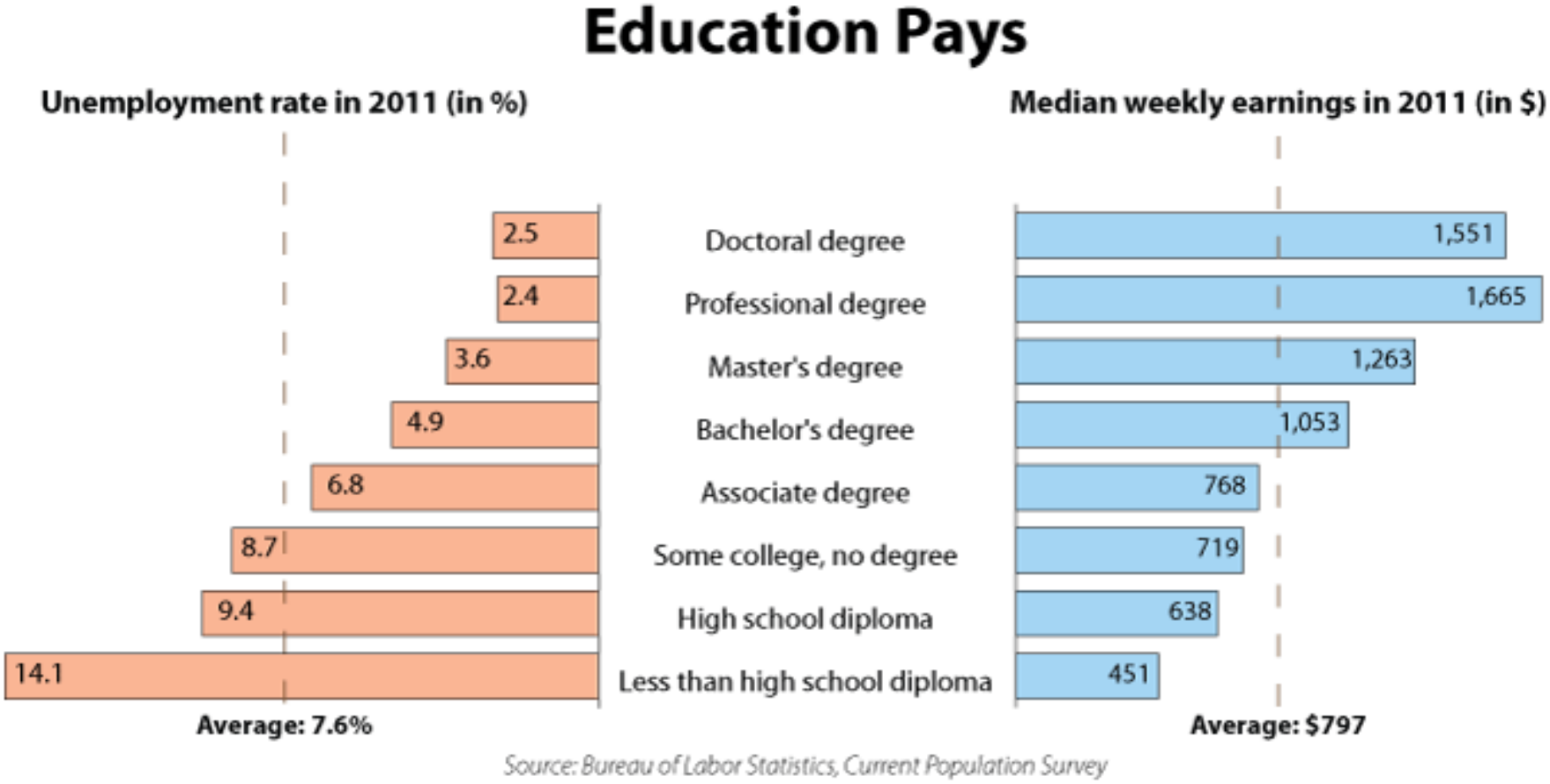
Source: US Census Bureau & SCAG

The Region's Future Depends on Hispanic's Success and Hispanic's Progress will Determine the Region's Future

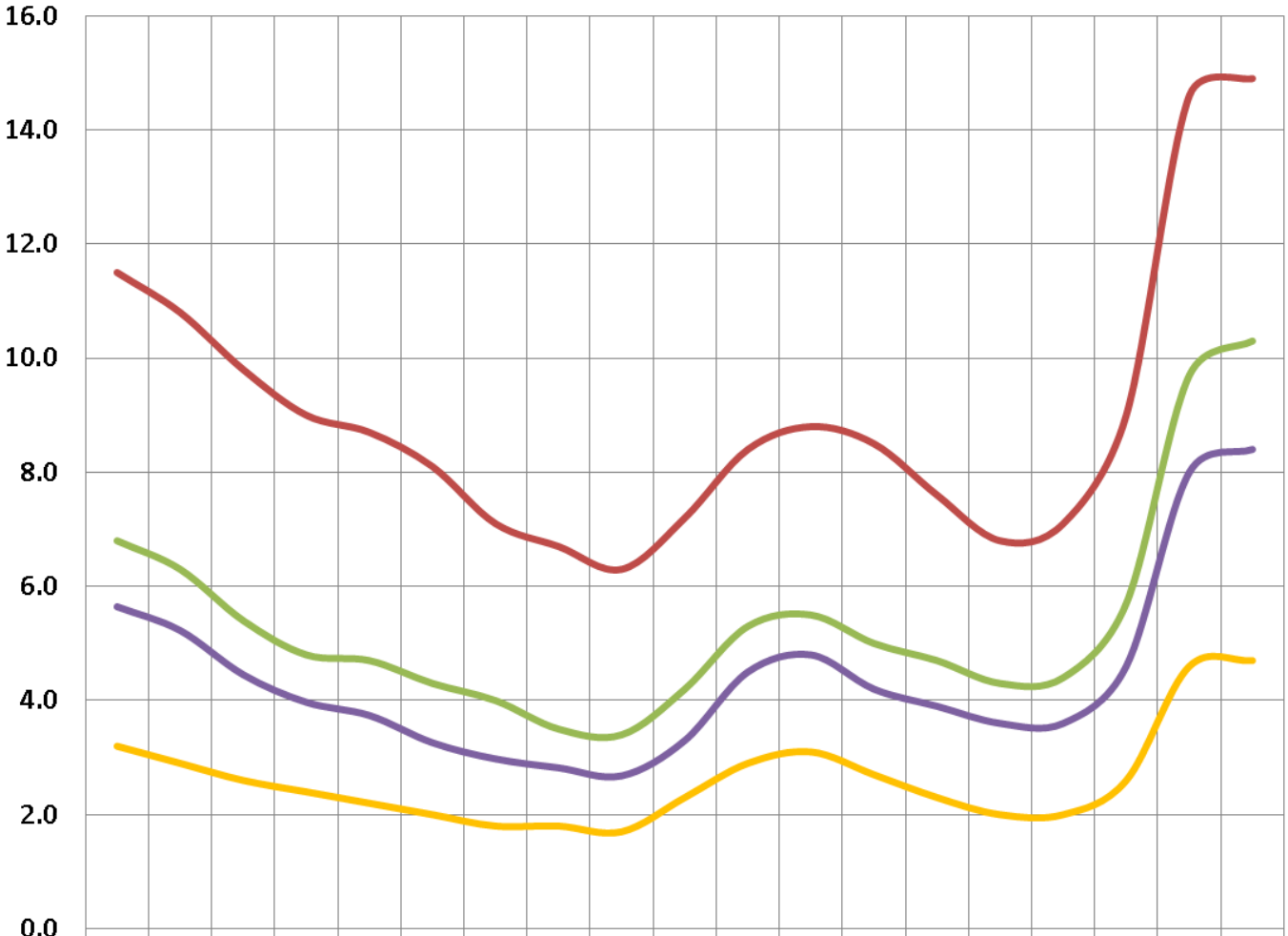




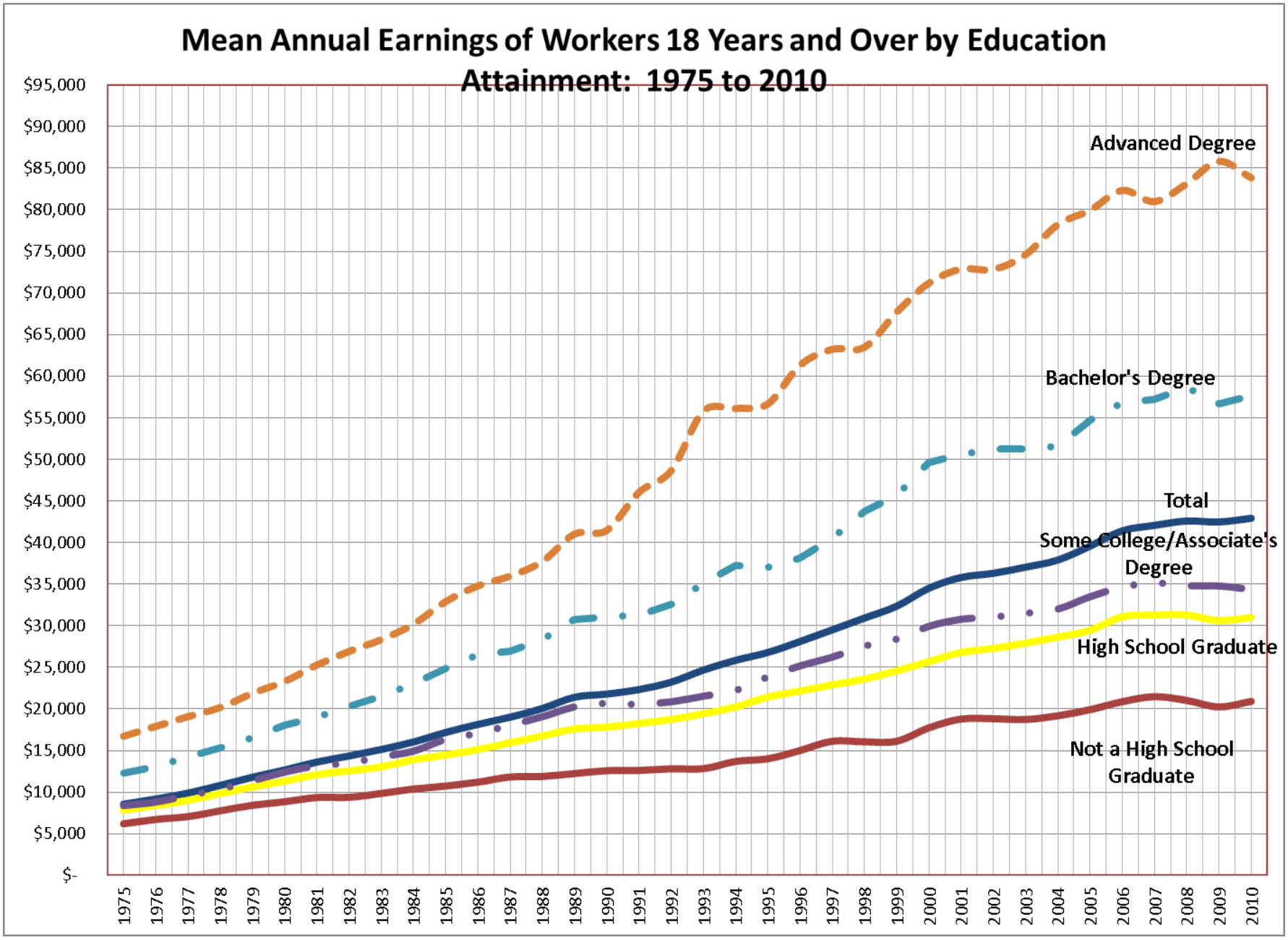
Earnings and Unemployment for Persons 25 and Above



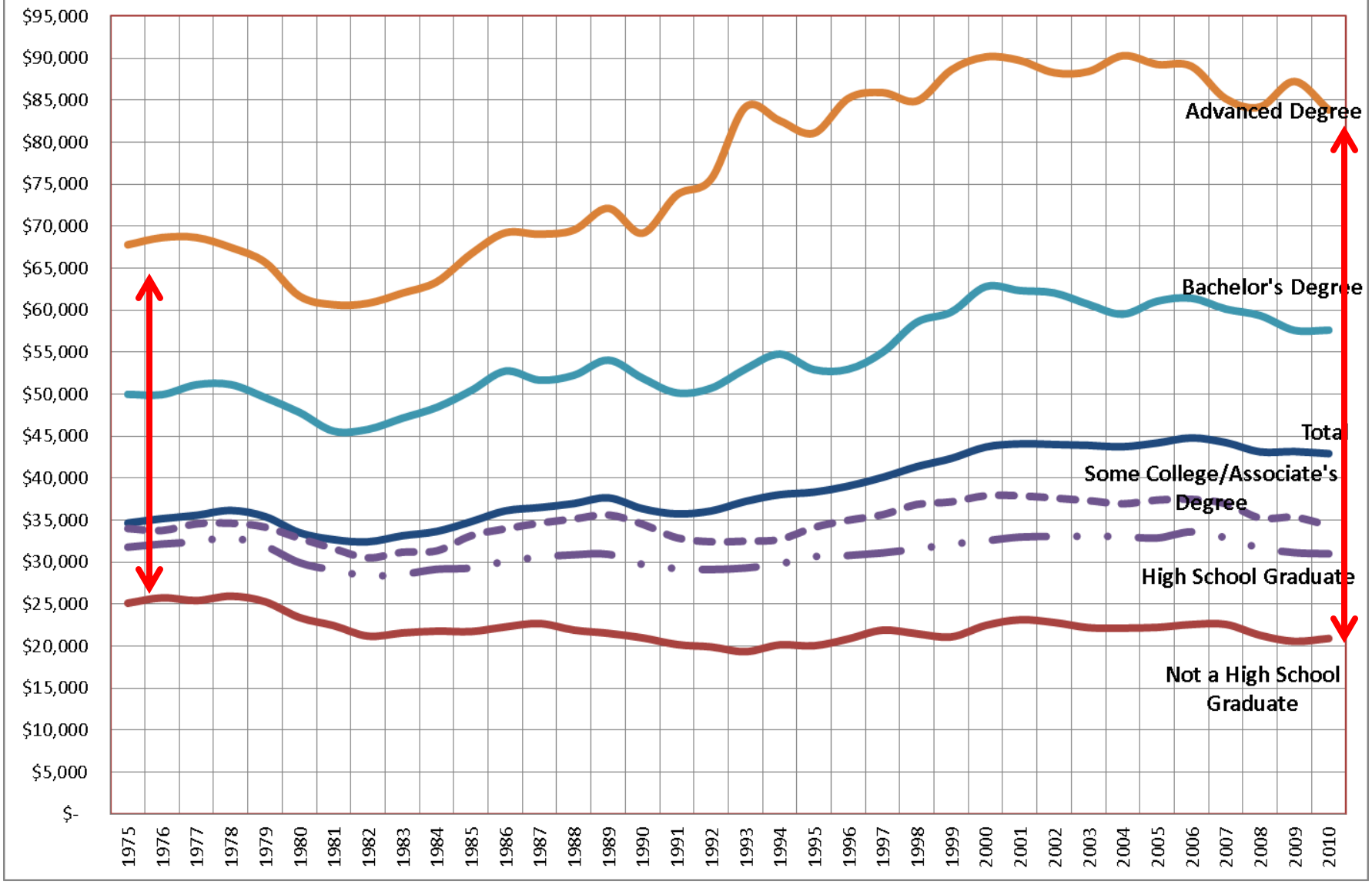
Unemployment Rates by Educational Attainment



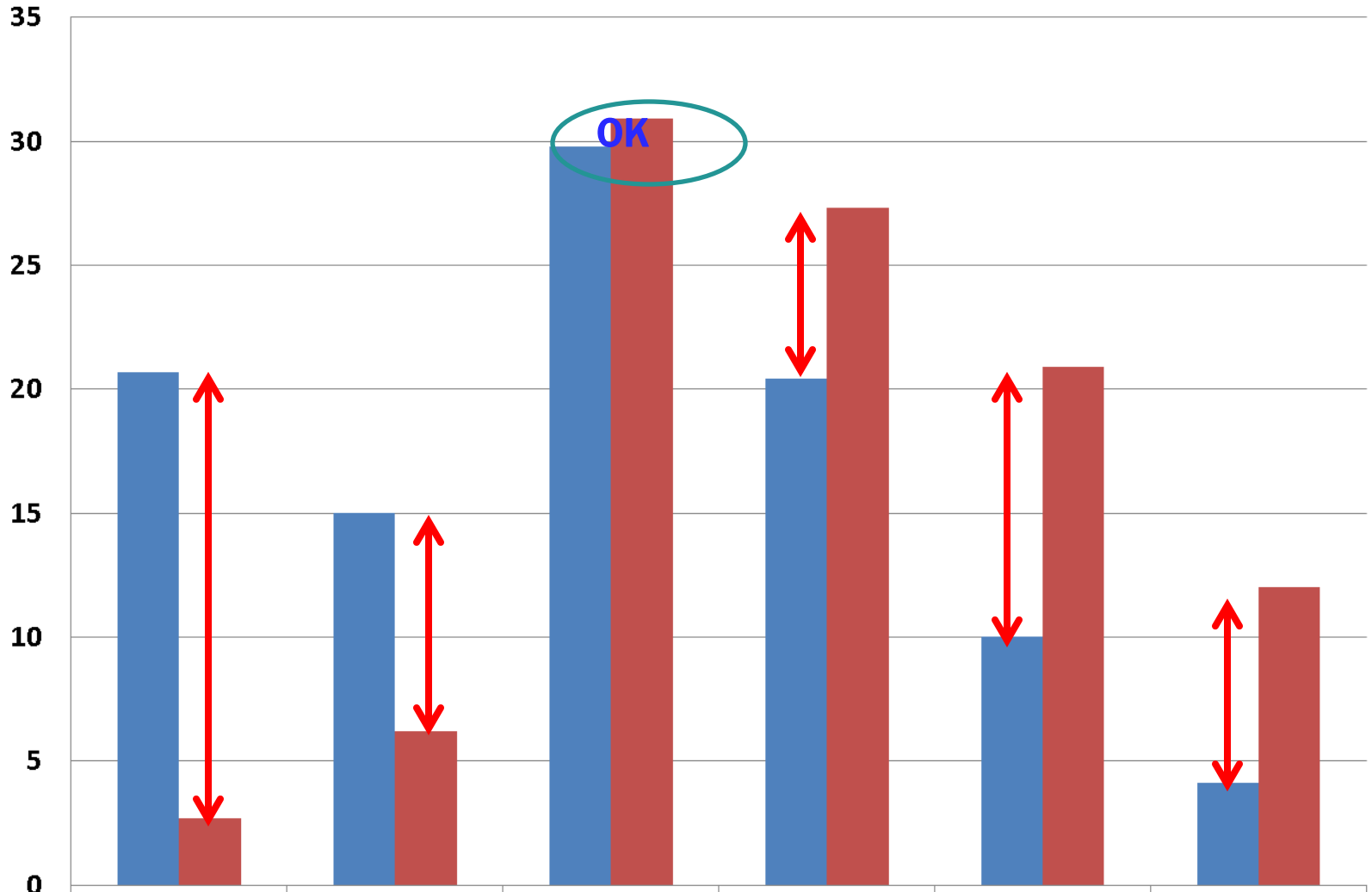
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Less than a high school diploma	11.5	10.8	9.8	9.0	8.7	8.1	7.1	6.7	6.3	7.2	8.4	8.8	8.5	7.6	6.8	7.1	9.0	14.6	14.9
High school graduates, no college	6.8	6.3	5.4	4.8	4.7	4.3	4.0	3.5	3.4	4.2	5.3	5.5	5.0	4.7	4.3	4.4	5.7	9.7	10.3
Some college or associate's degree	5.6	5.2	4.5	4.0	3.7	3.3	3.0	2.8	2.7	3.3	4.5	4.8	4.2	3.9	3.6	3.6	4.6	8.0	8.4
Bachelor's degree or more	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.8	1.7	2.3	2.9	3.1	2.7	2.3	2.0	2.0	2.6	4.6	4.7


Mean Annual Earnings of Workers 18 Years and Over by Education Attainment: 1975 to 2010
$95,000
$90,000
$85,000
$80,000
$75,000
$70,000
$65,000
$60,000
$55,000
$50,000
$45,000
$40,000
$35,000
$30,000
$25,000
$20,000
$15,000
$10,000
$5,000
$-
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
Advanced Degree
Bachelor's Degree
Total
Some College/Associate's Degree
High School Graduate
Not a High School Graduate

Mean Annual Earnings of Workers 18 Years and Over by Education Attainment: 1975 to 2010 (in 2010 Constant $)

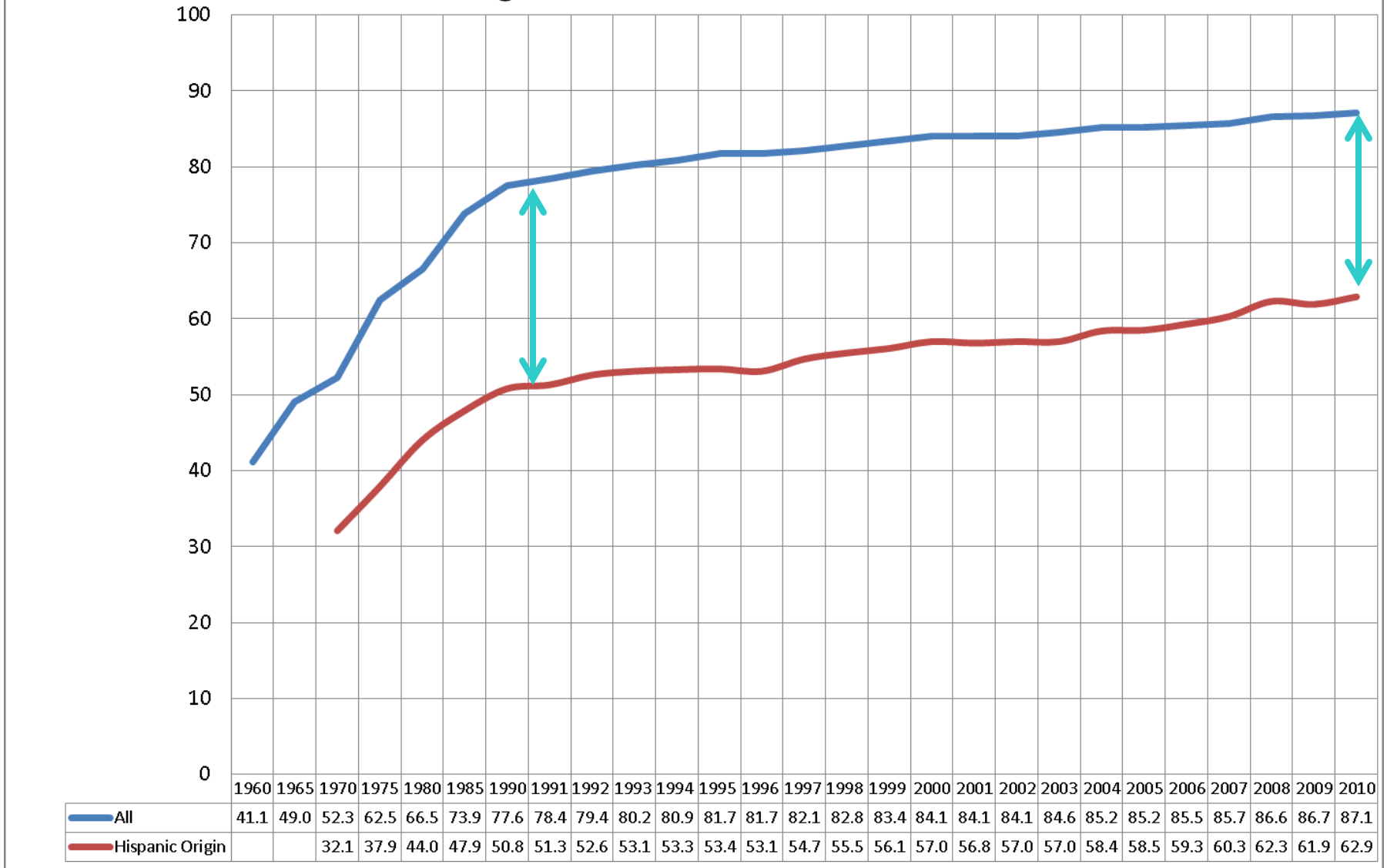


Education Attainment Hispanic Compared with Non-Hispanic Origin (%)



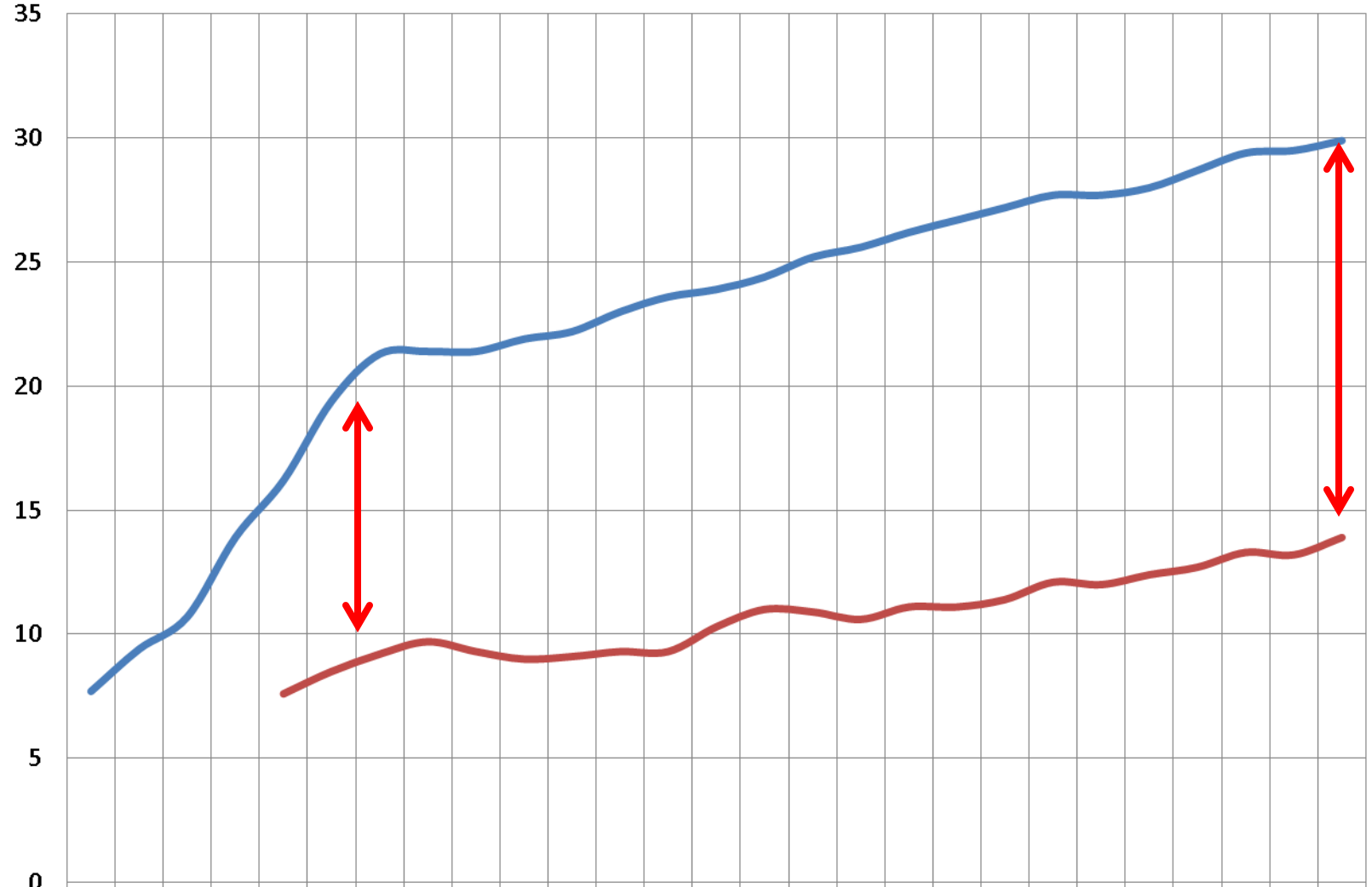
	.Less than 9th grade	.9th to 12th grade (no diploma)	.High school graduate	.Some college or associate's degree	.Bachelor's degree	.Advanced degree
Hispanic Origin	20.7	15.0	29.8	20.4	10.0	4.1
Non-Hispanic	2.7	6.2	30.9	27.3	20.9	12.0

US Educational Attainment: % of 25 & Above with High School Graduate or More

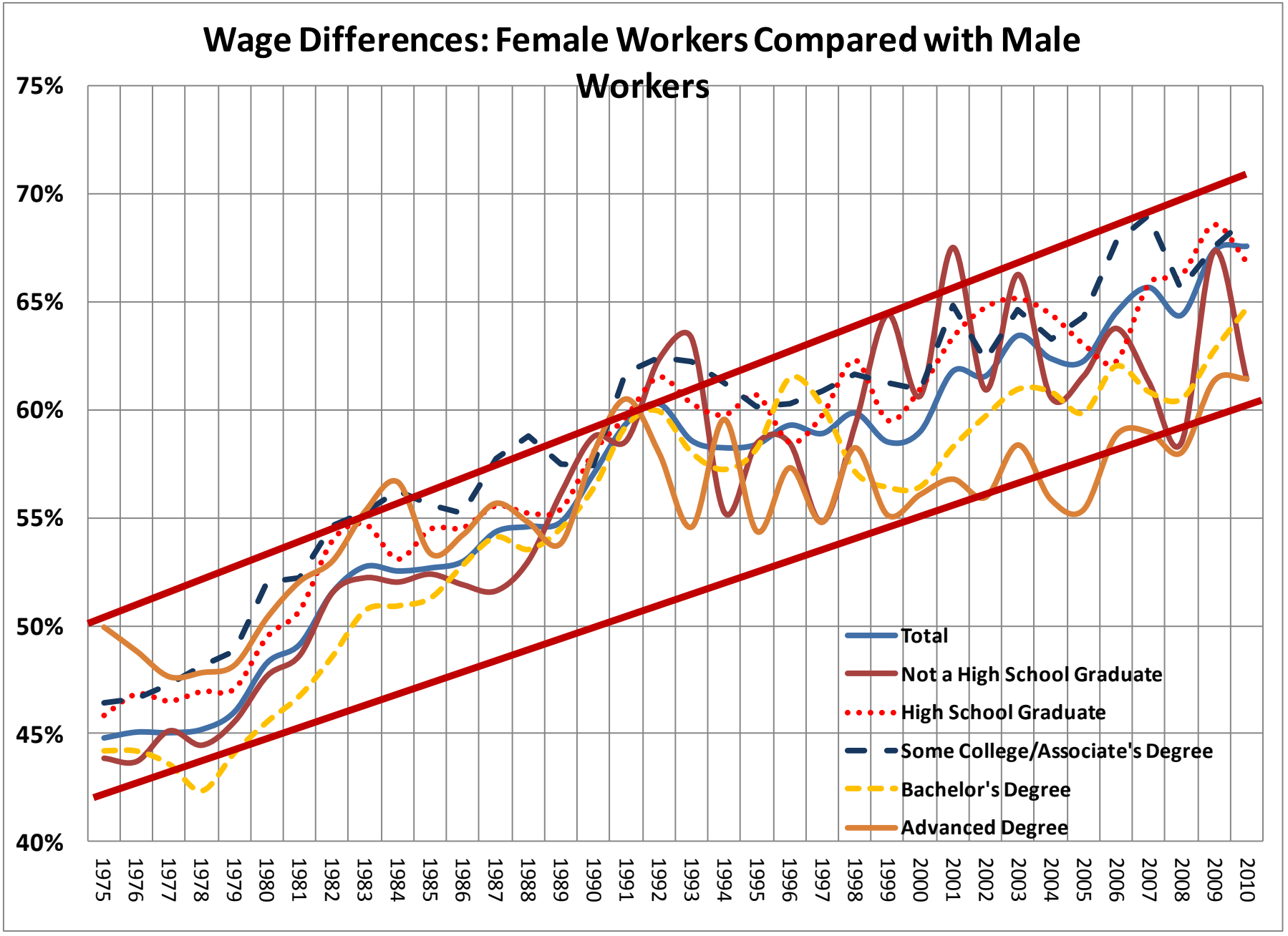


	1960	1965	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All	41.1	49.0	52.3	62.5	66.5	73.9	77.6	78.4	79.4	80.2	80.9	81.7	81.7	82.1	82.8	83.4	84.1	84.1	84.1	84.6	85.2	85.2	85.5	85.7	86.6	86.7	87.1
Hispanic Origin			32.1	37.9	44.0	47.9	50.8	51.3	52.6	53.1	53.3	53.4	53.1	54.7	55.5	56.1	57.0	56.8	57.0	57.0	58.4	58.5	59.3	60.3	62.3	61.9	62.9

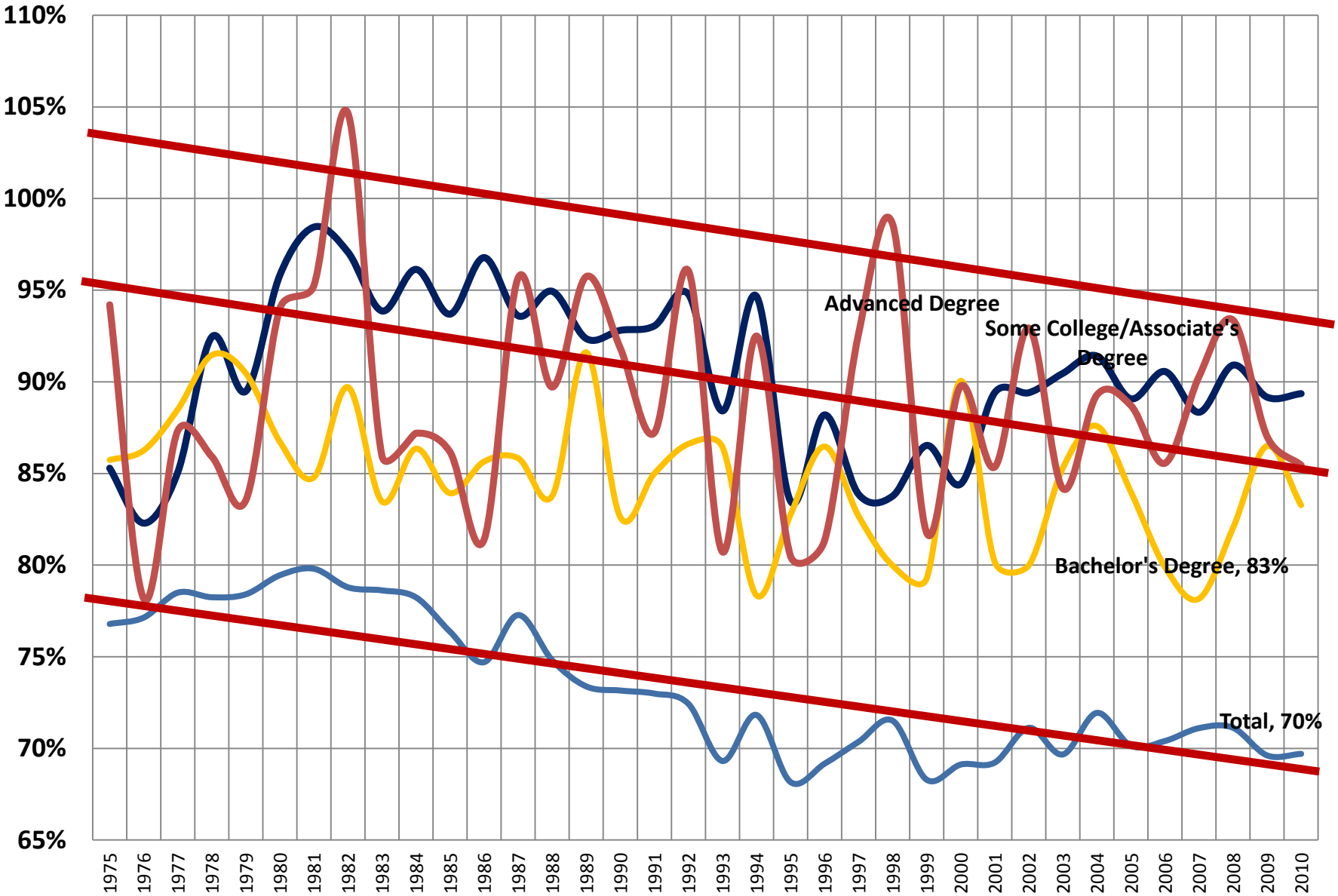
US Educational Attainment: % of 25 & Above with College Graduate or More



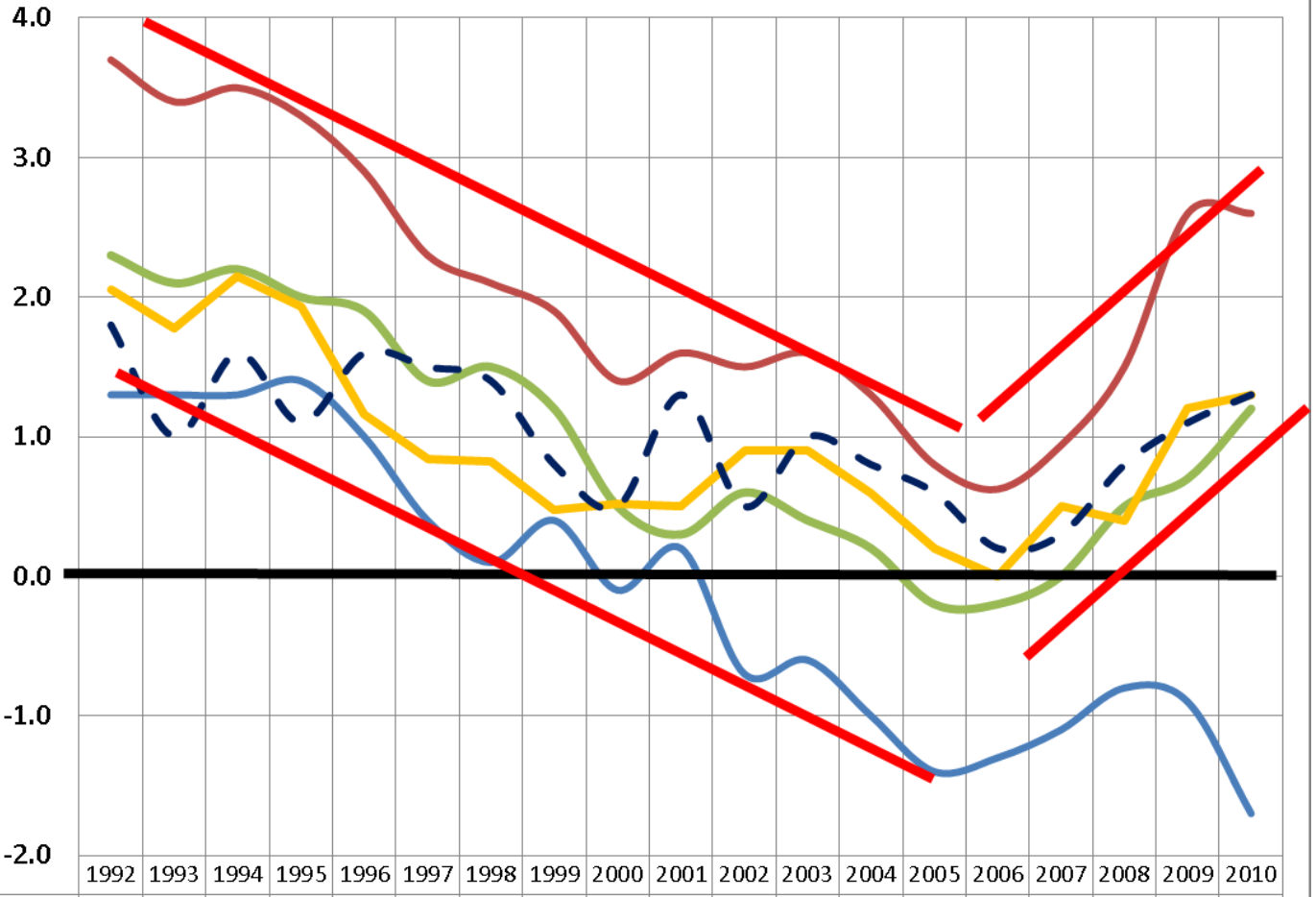
	1960	1965	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All	7.7	9.4	10.7	13.9	16.2	19.4	21.3	21.4	21.4	21.9	22.2	23.0	23.6	23.9	24.4	25.2	25.6	26.2	26.7	27.2	27.7	27.7	28.0	28.7	29.4	29.5	29.9
Hispanic Origin			4.5		7.6	8.5	9.2	9.7	9.3	9.0	9.1	9.3	9.3	10.3	11.0	10.9	10.6	11.1	11.1	11.4	12.1	12.0	12.4	12.7	13.3	13.2	13.9


Wage Differences: Female Workers Compared with Male Workers
75%
70%
65%
60%
55%
50%
45%
40%
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
Total
Not a High School Graduate
High School Graduate
Some College/Associate's Degree
Bachelor's Degree
Advanced Degree

Wage Differences: Hispanic Origin Workers Compared with All Workers



Unemployment Rates Differences by Educational Attainment: Hispanic Origin Versus (Minus) All



	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	3.7	3.4	3.5	3.3	2.9	2.3	2.1	1.9	1.4	1.6	1.5	1.6	1.3	0.8	0.6	0.9	1.5	2.6	2.6
Less than a high school diploma	1.3	1.3	1.3	1.4	1.0	0.4	0.1	0.4	-0.1	0.2	-0.7	-0.6	-1.0	-1.4	-1.3	-1.1	-0.8	-0.9	-1.7
High school graduates, no college	2.3	2.1	2.2	2.0	1.9	1.4	1.5	1.2	0.5	0.3	0.6	0.4	0.2	-0.2	-0.2	0.0	0.5	0.7	1.2
Some college or associate's degree	2.1	1.8	2.1	1.9	1.2	0.8	0.8	0.5	0.5	0.5	0.9	0.9	0.6	0.2	0.0	0.5	0.4	1.2	1.3
Bachelor's degree or more	1.8	1.0	1.6	1.1	1.6	1.5	1.4	0.8	0.5	1.3	0.5	1.0	0.8	0.6	0.2	0.3	0.8	1.1	1.3

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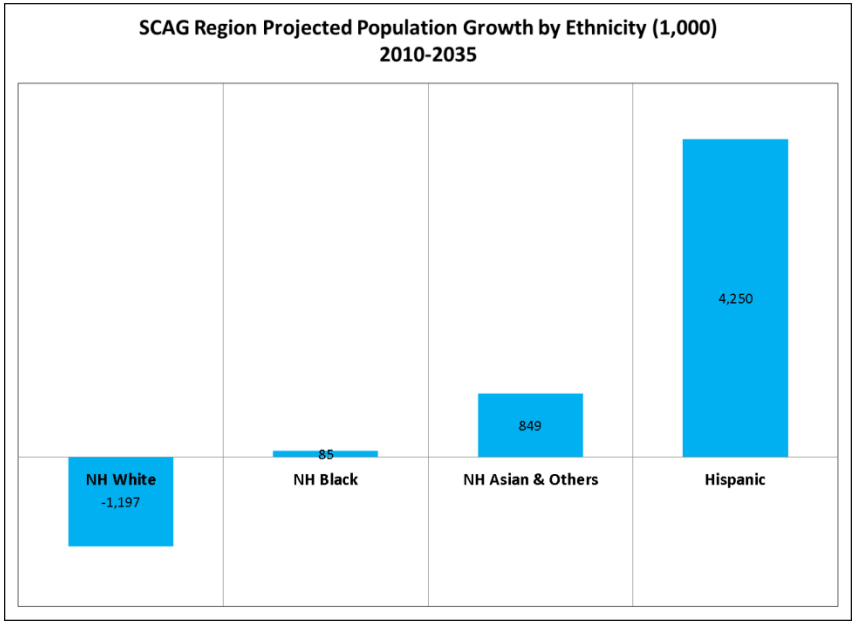

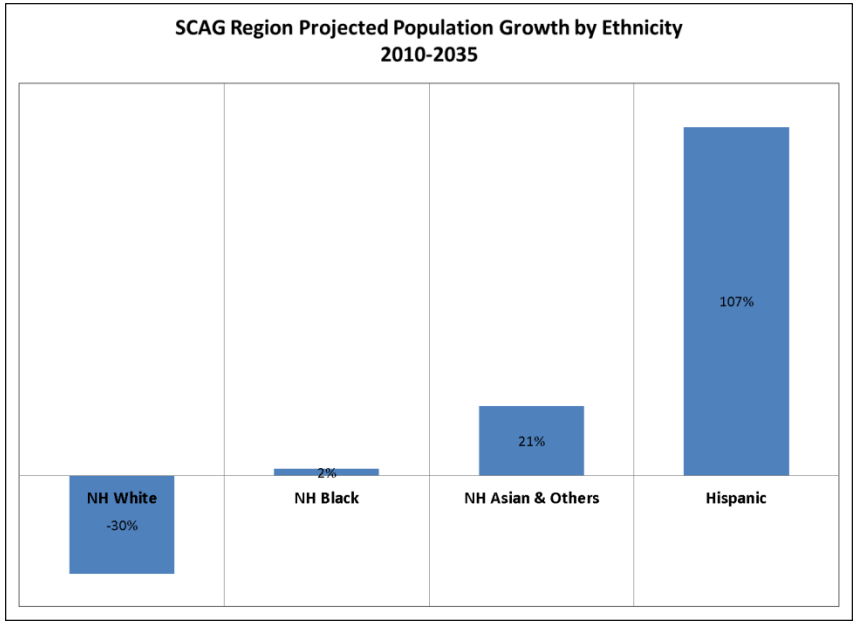

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