

Understanding Population of Connecticut

Table:

Population Growth in Connecticut and the U.S. Attributable to Foreign Immigration, 2000-2012

| Area | Population in 2000 | Population in 2012 | Absolute Change, 2000-2012 | Foreign Immigration, 2000-2012 | Population Growth Attributable to Foreign Immigration | CT Ranking Among the 50 States |
|---------------|-----------------------|-----------------------|----------------------------------|--------------------------------------|---|---|
| Connecticut | 3,411,777 | 3,590,347 | 178,570 | 159,144 | 89.1% | 7 th Highest |
| United States | 282,162,411 | 313,914,040 | 31,751,629 | 11,788,896 | 37.1% | |

Source: Population Estimates Division, U.S. Census Bureau, tabulations by Center for Labor Market Studies, Northeastern University.

Key Findings:

In Connecticut, 89% of population growth over the 2000-2012 period was attributable to foreign immigration in the state. For the entire U.S., 37% of population growth over this period was attributable to foreign immigration.

Table:

Foreign-Born Share in Total Resident Population in Hartford City, CT, Connecticut, and the U.S., 2000-2010/11 (In %)

| Area | 2000 | 2010/11 |
|---------------|------|---------|
| Hartford City | 35.5 | 37.4 |
| Connecticut | 13.5 | 16.0 |
| U.S. | 11.6 | 13.5 |

Source: 2000 Decennial Census of Population and Housing and 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:

Foreign-Born Share in 16-to-24 Years Old Resident Population in Hartford City, CT, Connecticut, and the U.S., 2000-2010/11 (In %)

| Area | 2000 | 2010/11 |
|---------------|------|---------|
| Hartford City | 29.3 | 28.5 |
| Connecticut | 14.1 | 13.0 |
| U.S. | 12.5 | 10.5 |

Source: 2000 Decennial Census of Population and Housing and 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

The Big Job Picture: No Net New Job Growth in the Greater Hartford Area and Connecticut Over the 2001q1-2013q2 Period

| Area | Employment in 2001-q1 (In 1,000s) | Employment in 2013-q2 (In 1,000s) | Absolute Change | % Change |
|---|---|---|--------------------|-------------|
| Hartford-West Hartford-East Hartford Area | 558 | 552 | -5.7 | -1.0 |
| Connecticut | 1,687 | 1,655 | -31 | -1.9 |
| U.S | 132,497 | 135,914 | +3,418 | +2.6 |

| Bottom 5 Performer States in Job Growth Over the 2001q1 to 2013q2 Period | Job Growth Rate (In %) |
|---|-----------------------------------|
| Connecticut | -1.9 |
| Rhode Island | -2.8 |
| Illinois | -4.0 |
| Ohio | -7.0 |
| Michigan | -11.3 |

Source: Current Employment Statistic (CES), U.S. Bureau of Labor Statistics, tabulations by Center for Labor Market Studies.

Key Findings:

No new payroll jobs were created in greater Hartford area and the state of Connecticut over the 2001q1-2013q2 period. Connecticut's payroll jobs in the second quarter of 2013 were nearly 2% below the level in 2001q1. Connecticut was among the five worst performer states on this measure over the 2001q1-2013q2 period.

Labor Market Problems of 16-to-24 Year Old Youth in East/West Hartford Area of Connecticut and Connecticut in Recent Years

Table:

Labor Market Problems of 16-to-24 Year Old Youth in East/West Hartford Area*, 2012-2013 Averages

| Labor Force Status | HS Students | HS Dropouts | H.S. Diploma/GE D | 13-15 Years of College | Bachelor's or Higher Degree | Total |
|---|----------------|----------------|-------------------------|------------------------------|-----------------------------------|---------|
| (A) Civilian Labor Force | 10,071 | 4,376 | 21,048 | 32,938 | 17,000 | 85,433 |
| (B) Employed | 6,912 | 2,420 | 17,484 | 30,189 | 16,387 | 73,392 |
| (C) Unemployed | 3,159 | 1,956 | 3,564 | 2,749 | 613 | 12,041 |
| (D) Working Part-time for Economic Reasons | 178 | 669 | 3,474 | 2,757 | 509 | 7,587 |
| (E) Labor Force Reserve | 2,939 | 1,022 | 1,168 | 1,817 | 375 | 7,321 |
| (F) Labor Force Underutilized Pool (C+D+E) | 6,276 | 3,647 | 8,206 | 7,323 | 1,497 | 26,949 |
| N | 41,315 | 9,442 | 29,542 | 49,934 | 19,673 | 149,906 |
| Employment-Population Ratio (B/N) | 16.7 | 25.6 | 59.2 | 60.5 | 83.3 | 49.0 |
| Unemployment Rate (C/A) | 31.4 | 44.7 | 16.9 | 8.3 | 3.6 | 14.1 |
| LF Underutilization Rate (F/A+E) | 48.2 | 67.6 | 36.9 | 21.1 | 8.6 | 29.1 |

Source: Monthly CPS, January 2012 through October 2013, public use files, U.S. Census Bureau, tabulations by Center for Labor Market Studies, Northeastern University.

Note: * East/West Hartford consists of Hartford County, Middlesex County, and Tolland County.

Table:

Labor Market Problems of 16-to-24 Year Old Youth in Connecticut, 2012-2013 Averages

| Labor Force Status | HS Students | HS Dropouts | H.S. Diploma/GED | 13-15 Years of College | Bachelor's or Higher Degree | Total |
|---|----------------|----------------|---------------------|------------------------------|-----------------------------------|---------|
| (A) Civilian Labor Force | 28,665 | 13,938 | 58,974 | 102,742 | 42,655 | 246,974 |
| (B) Employed | 19,505 | 8,569 | 48,002 | 93,388 | 39,625 | 209,089 |
| (C) Unemployed | 9,160 | 5,369 | 10,972 | 9,354 | 3,030 | 37,885 |
| (D) Working Part-time for Economic Reasons | 677 | 2,330 | 8,457 | 8,227 | 2,440 | 22,131 |
| (E) Labor Force Reserve | 7,849 | 2,648 | 4,429 | 6,535 | 1,510 | 22,971 |
| (F) Labor Force Underutilized Pool (C+D+E) | 17,686 | 10,347 | 23,858 | 24,116 | 6,980 | 82,987 |
| N | 126,337 | 26,822 | 92,590 | 156,584 | 51,070 | 453,403 |
| Employment-Population Ratio (B/N) | 15.4 | 31.9 | 51.8 | 59.6 | 77.6 | 46.1 |
| Unemployment Rate (C/A) | 32.0 | 38.5 | 18.6 | 9.1 | 7.1 | 15.3 |
| LF Underutilization Rate (F/A+E) | 48.4 | 62.4 | 37.6 | 22.1 | 15.8 | 30.7 |

Source: Monthly CPS, January 2012 through October 2013, public use files, U.S. Census Bureau, tabulations by Center for Labor Market Studies, Northeastern University.

Table:

Trends in the Employment-Population Ratios of 16-to-24 Years Old in East/West Hartford Area of Connecticut by Educational Attainment Level, 2006/2007-2012/2013

| Educational Attainment Level | 2006/07 | 2012/13 | Change, 2006/07- 2012/13 |
|------------------------------|---------|---------|--------------------------------|
| High School Students | 31.7 | 16.7 | -14.9 |
| High School Dropouts | 47.3 | 25.6 | -21.6 |
| H.S. Diploma/GED | 64.9 | 59.2 | -5.7 |
| 13-15 Years of College | 59.6 | 60.5 | +0.8 |
| Bachelor's or Higher Degree | 81.5 | 83.3 | +1.8 |
| Total | 54.2 | 49.0 | -5.2 |

Source: Monthly CPS, January 2006 through December 2007 and January 2012 through October 2013, public use files, U.S. Census Bureau, tabulations by Center for Labor Market Studies, Northeastern University.

Note: East/West Hartford Metro area definition was changed in 2005. For this reason CPS data for this area before 2005 are not comparable.

Table:

Trends in the Employment-Population Ratios of 16-to-24 Years Old in Connecticut by Educational Attainment Level, 199/2000, 2006/2007, and 012/2013

| Educational Attainment Level | 1999/00 | 2006/07 | 2012/13 | Change, 1999/00- 2012/13 |
|------------------------------|---------|---------|---------|--------------------------------|
| High School Students | 39.5 | 32.2 | 15.4 | -24.1 |
| High School Dropouts | 62.3 | 49.0 | 31.9 | -30.3 |
| H.S. Diploma/GED | 67.4 | 64.9 | 51.8 | -15.5 |
| 13-15 Years of College | 59.6 | 59.6 | 59.6 | 0.0 |
| Bachelor's or Higher Degree | 81.2 | 80.4 | 77.6 | -3.6 |
| Total | 57.8 | 55.1 | 46.1 | -11.7 |

Source: Monthly CPS, January 1999 through December 2000, January 2006 through December 2007, and January 2012 through October 2013, public use files, U.S. Census Bureau, Tabulations by Center for Labor Market Studies, Northeastern University.

Estimates of Out-of-School and Out-of-Work Youth in Hartford City, Connecticut, Connecticut, and the U.S.

Table:

Trends in the Share of Out-of-School and Out-of-Work in 16-to-24 Year Old Population in Hartford City, CT, Connecticut, and the U.S., 2006-2011

| Var | Year | Hartford City, CT | Connecticut | U.S. |
|-----------|------|-------------------|-------------|------------|
| % of OSOW | 2006 | 18.8 | 11.5 | 12.8 |
| | 2007 | 14.5 | 11.4 | 12.9 |
| | 2008 | 20.4 | 10.4 | 12.6 |
| | 2009 | 20.0 | 13.5 | 14.5 |
| | 2010 | 15.6 | 12.8 | 14.7 |
| | 2011 | 18.7 | 12.9 | 14.6 |
| | N | 2006 | 19,579 | 598,370 |
| 2007 | | 20,972 | 598,757 | 38,491,312 |
| 2008 | | 21,747 | 604,055 | 38,803,016 |
| 2009 | | 24,811 | 628,858 | 39,021,469 |
| 2010 | | 23,047 | 627,046 | 39,500,045 |
| 2011 | | 24,919 | 630,813 | 39,705,208 |

Source: 2006 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Share of OSOW in 16-to-24 Year Old Population in Hartford City, CT, Connecticut, and the U.S., 2010-2011
Averages

| Group | % of OSOW | | | N | | |
|---------------------------|----------------------|------|------|----------------------|---------|------------|
| | Hartford City, CT | CT | U.S. | Hartford City, CT | CT | U.S. |
| All, 16-24 | 17.2 | 11.9 | 14.7 | 23,983 | 429,151 | 39,602,627 |
| Male | 17.8 | 13.3 | 15.2 | 11,222 | 220,914 | 20,303,760 |
| Female | 16.7 | 10.3 | 14.1 | 12,761 | 208,237 | 19,298,867 |
| White | 5.0 | 8.0 | 11.7 | 5,768 | 268,765 | 22,364,870 |
| Black | 14.8 | 18.9 | 22.5 | 7,007 | 52,794 | 5,785,389 |
| Asian | -- | 6.1 | 7.8 | 601 | 16,405 | 1,851,737 |
| Hispanic | 26.4 | 20.8 | 18.2 | 10,109 | 78,727 | 8,112,833 |
| Other | 27.4 | 15.5 | 17.7 | 499 | 12,461 | 1,487,798 |
| 16-19 | 13.5 | 6.5 | 8.6 | 11,410 | 200,777 | 17,675,025 |
| 20-24 | 20.5 | 16.6 | 19.5 | 12,573 | 228,374 | 21,927,602 |
| Native-Born | 19.6 | 11.2 | 14.3 | 17,159 | 373,347 | 35,432,608 |
| Foreign-Born | 11.1 | 16.1 | 18.2 | 6,825 | 55,804 | 4,170,019 |
| <12 or 12, No HS Diploma | 19.7 | 11.3 | 14.2 | 9,388 | 142,586 | 13,234,681 |
| HS Diploma/GED | 44.8 | 25.4 | 28.5 | 3,616 | 95,896 | 9,416,823 |
| Some College, No Degree | 5.2 | 4.5 | 7.2 | 9,150 | 138,820 | 12,693,017 |
| Associates Degree | 12.7 | 8.5 | 7.4 | 411 | 9,614 | 1,421,312 |
| Bachelor's Degree | 8.9 | 8.0 | 8.1 | 1,393 | 38,381 | 2,643,958 |
| Master's or Higher Degree | -- | 5.3 | 7.0 | 27 | 3,856 | 192,837 |
| Poor | 25.7 | 21.4 | 22.1 | 7,574 | 52,631 | 7,309,304 |
| 1-2* Poor | 22.4 | 16.8 | 17.0 | 4,297 | 58,577 | 7,952,711 |
| 2*+ Poor | 13.8 | 8.9 | 9.9 | 6,151 | 252,970 | 19,619,822 |

Source: 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Demographic and Socio-Economic Characteristics of Out-of-School and Out-of-Work 16-to-24 Year Old
Population in Hartford City, CT, Connecticut, and the U.S., 2010-2011 Averages

| Group | Numbers of OSOW | | | % Dist. Of OSOW | | |
|---------------------------|----------------------|--------|-----------|----------------------|-------|-------|
| | Hartford City, CT | CT | U.S. | Hartford City, CT | CT | U.S. |
| All, 16-24 | 4,124 | 50,931 | 5,805,457 | 100.0 | 100.0 | 100.0 |
| Male | 1,998 | 29,382 | 3,076,526 | 48.4 | 57.7 | 53.0 |
| Female | 2,126 | 21,549 | 2,728,931 | 51.6 | 42.3 | 47.0 |
| White | 287 | 21,614 | 2,618,490 | 6.9 | 42.4 | 45.1 |
| Black | 1,037 | 9,986 | 1,301,936 | 25.1 | 19.6 | 22.4 |
| Asian | -- | 995 | 144,302 | -- | 2.0 | 2.5 |
| Hispanic | 2,664 | 16,404 | 1,476,874 | 64.6 | 32.2 | 25.4 |
| Other | 137 | 1,932 | 263,857 | 3.3 | 3.8 | 4.5 |
| 16-19 | 1,545 | 13,075 | 1,526,748 | 37.5 | 25.7 | 26.3 |
| 20-24 | 2,580 | 37,856 | 4,278,709 | 62.5 | 74.3 | 73.7 |
| Native-Born | 3,370 | 41,953 | 5,048,038 | 81.7 | 82.4 | 87.0 |
| Foreign-Born | 754 | 8,978 | 757,419 | 18.3 | 17.6 | 13.0 |
| <12 or 12, No HS Diploma | 1,853 | 16,181 | 1,880,826 | 44.9 | 31.8 | 32.4 |
| HS Diploma/GED | 1,621 | 24,375 | 2,682,228 | 39.3 | 47.9 | 46.2 |
| Some College, No Degree | 475 | 6,270 | 910,029 | 11.5 | 12.3 | 15.7 |
| Associates Degree | 52 | 819 | 105,062 | 1.3 | 1.6 | 1.8 |
| Bachelor's Degree | 124 | 3,082 | 213,911 | 3.0 | 6.1 | 3.7 |
| Master's or Higher Degree | -- | 205 | 13,403 | -- | 0.4 | 0.2 |
| Poor | 1,949 | 11,243 | 1,614,542 | 51.9 | 25.9 | 32.9 |
| 1-2 * Poor | 961 | 9,825 | 1,353,583 | 25.6 | 22.6 | 27.6 |
| 2+ * Poor | 846 | 22,391 | 1,942,902 | 22.5 | 51.5 | 39.6 |

Source: 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Poverty, Poverty/Near Poverty, and Low Income Status of 16-to-24 Year Old Population in Hartford City, CT, Connecticut, and the U.S., Total and by OSOW Status, 2010-2011 Averages

| Area | Poverty Status | Out-of-School and Out-of- Work | Not Out-of- School and Out- of-Work | Total |
|-------------------|------------------|--------------------------------------|---|-------|
| Hartford City, CT | % Poor | 50.0 | 28.4 | 32.0 |
| | % Poor/Near Poor | 56.4 | 33.2 | 37.0 |
| | % Low-Income | 74.6 | 45.2 | 50.1 |
| Connecticut | % Poor | 24.0 | 11.0 | 12.4 |
| | % Poor/Near Poor | 29.7 | 14.1 | 15.8 |
| | % Low-Income | 44.9 | 23.9 | 26.2 |
| U.S. | % Poor | 29.8 | 16.9 | 18.7 |
| | % Poor/Near Poor | 37.2 | 22.0 | 24.1 |
| | % Low-Income | 54.7 | 36.5 | 39.0 |

Source: 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Educational Attainment Levels of 16-to-24 Year Old OSOW Youth in Hartford City, Connecticut, 2006 through 2011

| Educational Attainment Level | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|------------------------------|-------|-------|-------|-------|-------|-------|
| <12 or 12, No HS Diploma | 2,531 | 992 | 2,619 | 1,587 | 1,239 | 2,466 |
| HS Diploma/GED | 1,018 | 2,056 | 1,406 | 2,861 | 1,379 | 1,862 |
| Some College, No Degree | 59 | 0 | 408 | 255 | 680 | 270 |
| Associates Degree | 0 | 0 | 0 | 76 | 51 | 53 |
| Bachelor's Degree | 0 | 0 | 0 | 0 | 248 | 0 |
| Master's or Higher Degree | 70 | 0 | 0 | 186 | 0 | 0 |
| Total | 3,678 | 3,048 | 4,433 | 4,965 | 3,597 | 4,651 |
| % Without a College Degree | 98.1 | 100.0 | 100.0 | 94.7 | 91.7 | 98.9 |

Source: 2006 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Educational Attainment Levels of 16-to-24 Year Old OSOW Youth in Connecticut,
2006 through 2011

| Educational Attainment Level | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|------------------------------|--------|--------|--------|--------|--------|--------|
| <12 or 12, No HS Diploma | 16,109 | 12,676 | 13,187 | 13,319 | 14,743 | 17,618 |
| HS Diploma/GED | 17,714 | 21,204 | 14,997 | 22,997 | 23,473 | 25,277 |
| Some College, No Degree | 5,106 | 4,599 | 5,196 | 7,858 | 7,455 | 5,085 |
| Associates Degree | 388 | 661 | 979 | 528 | 761 | 876 |
| Bachelor's Degree | 2,346 | 1,966 | 2,601 | 3,212 | 2,492 | 3,672 |
| Master's or Higher Degree | 137 | 225 | 237 | 292 | 187 | 222 |
| Total | 41,800 | 41,331 | 37,197 | 48,206 | 49,111 | 52,750 |
| % Without a College Degree | 93.1 | 93.1 | 89.7 | 91.6 | 93.0 | 91.0 |

Source: 2006 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Table:
Educational Attainment Levels of 16-to-24 Year Old OSOW Youth in the U.S.,
2006 through 2011

| Educational Attainment Level | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <12 or 12, No HS Diploma | 1,896,602 | 1,896,545 | 1,838,536 | 1,963,766 | 1,937,824 | 1,823,828 |
| HS Diploma/GED | 2,156,042 | 2,210,010 | 2,114,379 | 2,543,724 | 2,653,494 | 2,710,961 |
| Some College, No Degree | 588,253 | 605,918 | 683,832 | 839,515 | 891,559 | 928,498 |
| Associates Degree | 91,037 | 94,842 | 79,897 | 101,228 | 101,224 | 108,900 |
| Bachelor's Degree | 150,429 | 154,769 | 161,896 | 200,621 | 211,575 | 216,246 |
| Master's or Higher Degree | 14,334 | 14,158 | 11,047 | 14,654 | 13,151 | 13,654 |
| Total | 4,896,697 | 4,976,242 | 4,889,587 | 5,663,508 | 5,808,827 | 5,802,087 |
| % Without a College Degree | 94.8 | 94.7 | 94.8 | 94.4 | 94.4 | 94.2 |

Source: 2006 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Youth (18-to-24) by Job Readiness Status in Hartford City, Connecticut and Connecticut, 2000 and 2010/2011

| Hartford City, Connecticut | 2000 | | 2010-2011 | |
|-----------------------------------|-------------|---------|------------------|--------|
| | Numbers | % Dist. | Numbers | % Dis. |
| Job Ready | 5,085 | 34.2 | 10,775 | 56.1 |
| Almost Job Ready | 4,109 | 27.6 | 3,372 | 17.5 |
| Not Job Ready | 5,692 | 38.2 | 5,067 | 26.4 |
| Total, 18-24 | 14,886 | 100.0 | 19,214 | 100.0 |
| Connecticut | | | | |
| Job Ready | 137,897 | 50.5 | 189,791 | 57.5 |
| Almost Job Ready | 77,089 | 28.2 | 92,330 | 28.0 |
| Not Job Ready | 58,184 | 21.3 | 47,694 | 14.5 |
| Total, 18-24 | 273,170 | 100.0 | 329,815 | 100.0 |

Source: 2000 Decennial Census of Population and Housing and 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Why Share of Jo Ready Youth (18-to-24) Increased Substantially in Hartford City of Connecticut Between 2000 and 2011/2012?

| Year | % of 18-24 With a HS Diploma or Equivalent | Numbers of 18-24 With a HS Diploma or Equivalent | N |
|-------------------------------|--|--|--------|
| 2000 | 61.8 | 9,194 | 14,886 |
| 2011/2012 | 71.6 | 15,001 | 20,937 |
| Absolute Change, 2000-2011/12 | +9.9% | +5,807 | +6,051 |

Source: 2000 Decennial Census of Population and Housing and 2010 and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

The share of job ready youth (18-24) increased from 34% in 2000 to 56% in 2011/12. This increase was primarily due to increase in share of youth with a high school diploma in the city over the time period. In 2000, nearly 62% of 18-to-24 year old youth reported to have a high school diploma or equivalent. By 2011/2012, this share increased to 72% in the city.

Out-of-School and Out-of-Work Young Women (15-to-24) Were More Likely to Be Single Mothers

Table:

Share of 15-to-24 Years Old Women Who Were Single Mothers by Out-of-School and Out-of-Work Status, Hartford City, Connecticut, Connecticut, and the U.S., 2009-2010-2011 Averages

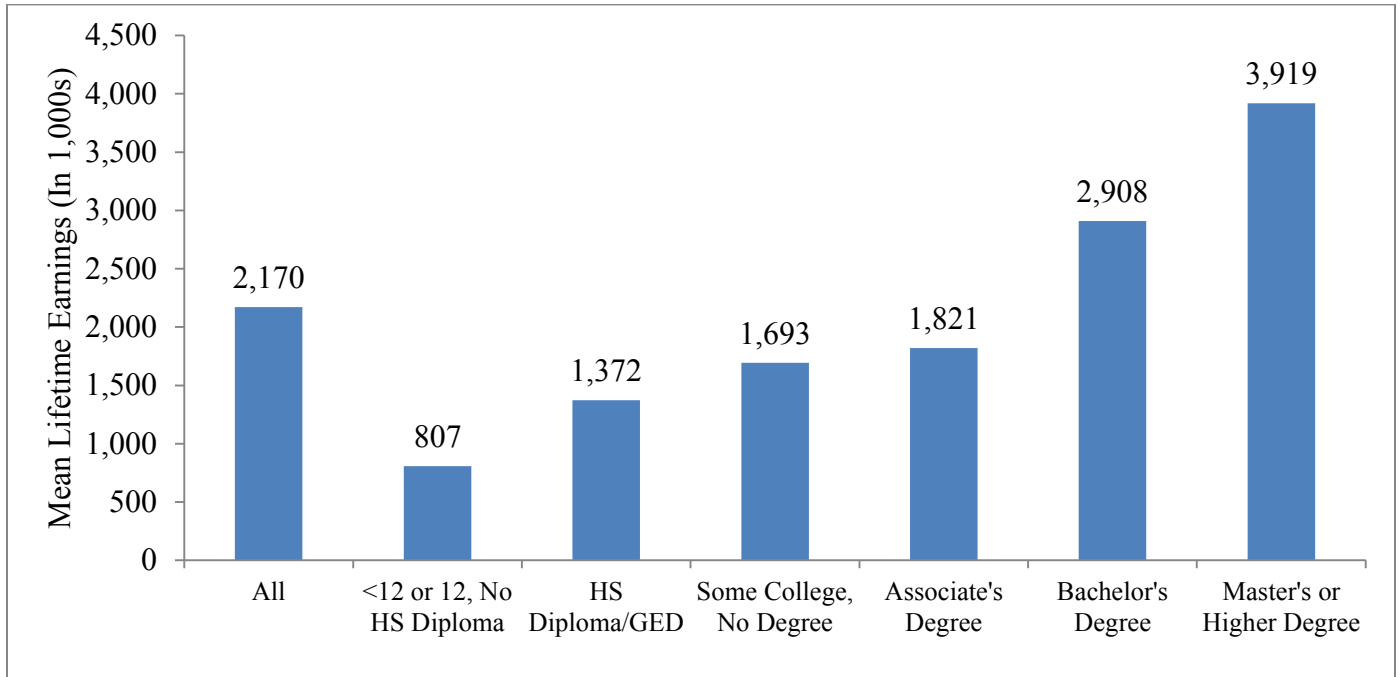
| | OSOW | Not OSOW | All |
|---------------------------|-----------|------------|------------|
| Hartford City, CT | | | |
| Numbers of Single Mothers | 688 | 1,062 | 1,750 |
| N | 2,322 | 11,092 | 13,414 |
| % Who Were Single Mothers | 29.6 | 9.6 | 13.0 |
| Connecticut | | | |
| Numbers of Single Mothers | 3,602 | 8,540 | 12,142 |
| N | 21,744 | 211,215 | 232,959 |
| % Who Were Single Mothers | 16.6 | 4.0 | 5.2 |
| U.S. | | | |
| Numbers of Single Mothers | 413,459 | 872,754 | 1,286,213 |
| N | 2,753,741 | 18,539,024 | 21,292,765 |
| % Who Were Single Mothers | 15.0 | 4.7 | 6.0 |

Source: 2009, 2010, and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Earnings Premium for Having a College Degree in Connecticut Are Extremely Large

Chart:

Mean Lifetime Earnings⁽¹⁾ of Connecticut Adults, 18-to-64 Year Old by Educational Attainment, 2007-2011 Averages (Earnings in 1,000s)

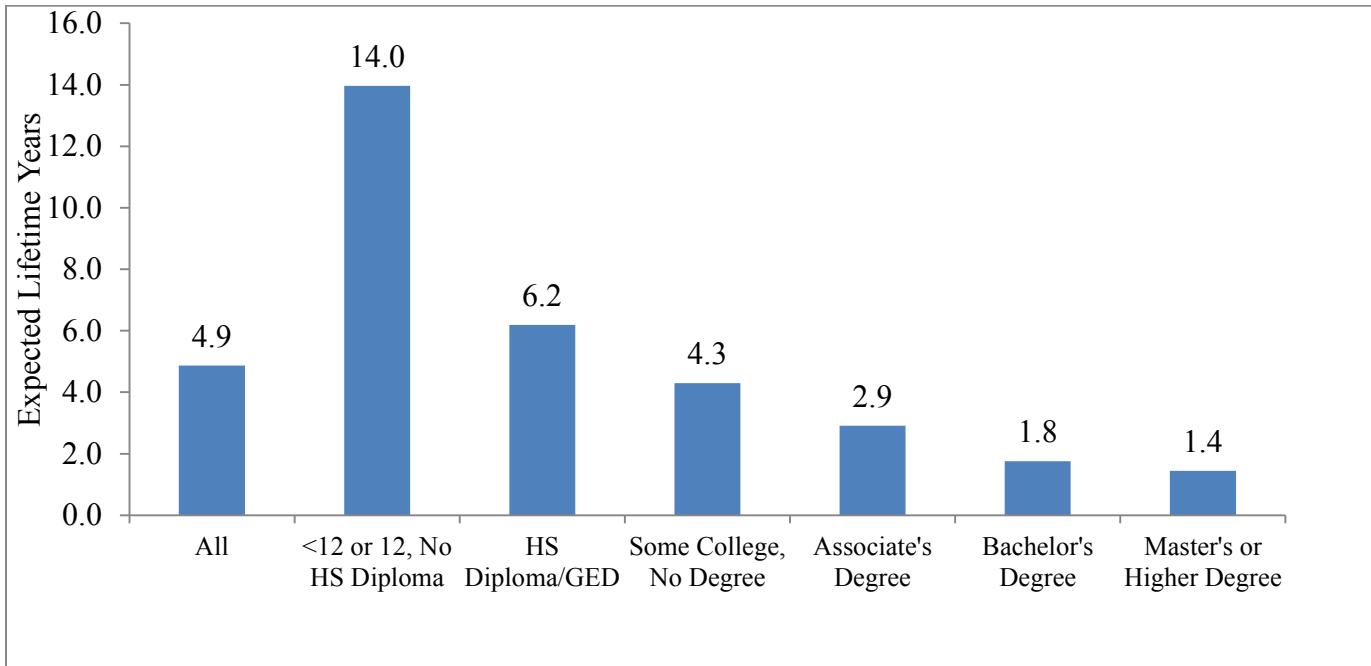


Source: 2007 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Note: ⁽¹⁾ Earnings of all students ages 18-to-22 are ignored in the lifetime calculations. Earnings are in 2011 CPI-U adjusted dollars.

High School Dropouts in Connecticut Spend 14 Years of Their Life in Poverty/Near Poverty Compared to Less than 2 Years for Those With a Bachelor's Degree

Chart:
Mean Expected Lifetime Years in Poverty/Near Poverty⁽¹⁾ Among 18-to-64 Year Olds in Connecticut by Educational Attainment, 2007-2011 Averages



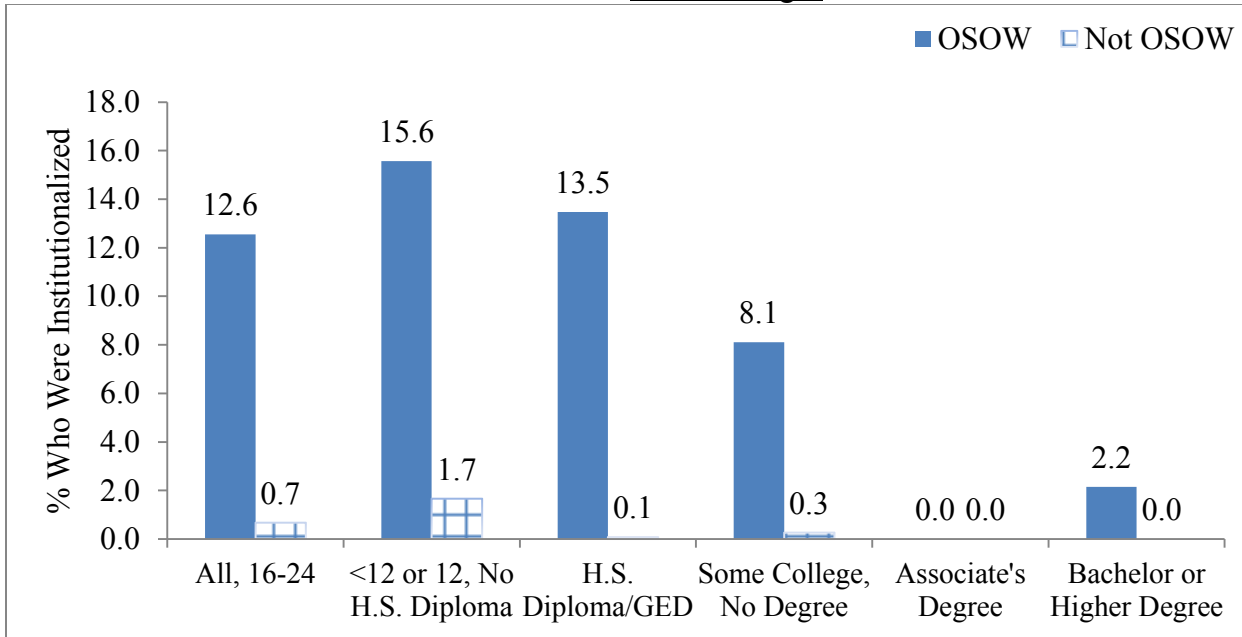
Source: 2007 through 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Note: ⁽¹⁾ Expected lifetime years in poverty/near poverty of are ignored for all students ages 18-to-22.

Poor/near poor persons are those whose family incomes are below 125% of the poverty threshold defined by the government.

Chart:

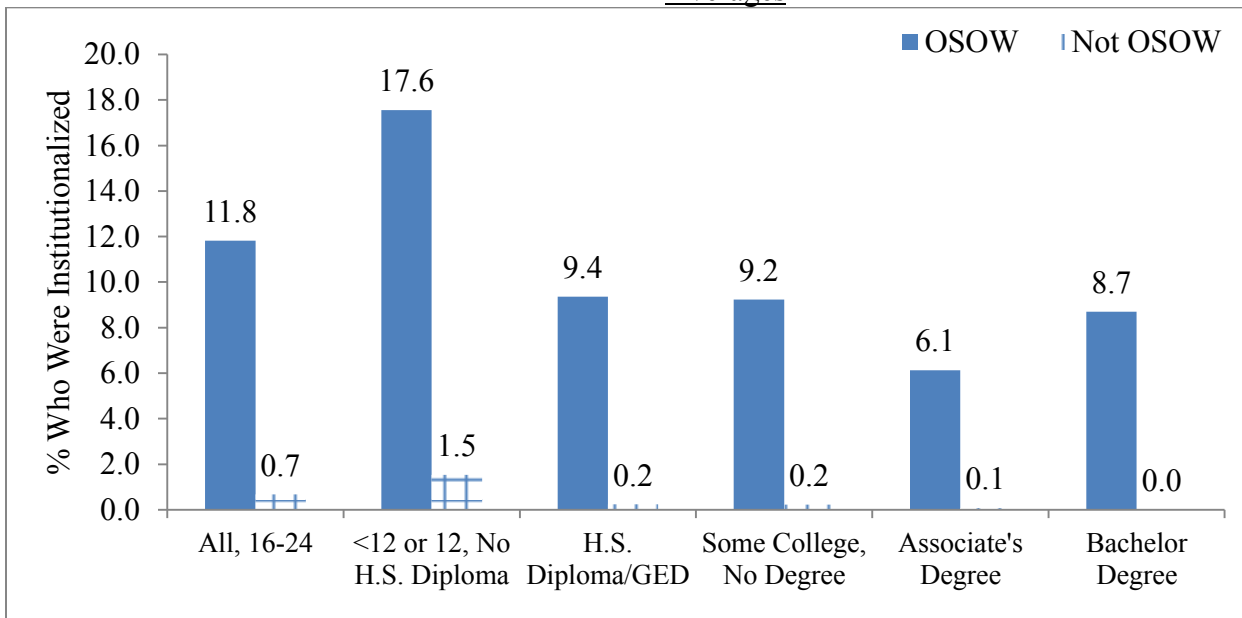
Percent of Native-Born Males, 16-to-24 Years Old, Who Were Institutionalized in Connecticut, 2009-2010-2011 Averages



Source: 2009, 2010, and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Chart:

Percent of Native-Born Males, 16-to-24 Years Old, Who Were Institutionalized in the U.S., 2009-2010-2011 Averages



Source: 2009, 2010, and 2011 American Community Surveys, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

High School Dropouts in Connecticut Are More Likely to Depend of Government Cash/In-Kind Transfers Compared to Their More Educated Peers

Table:

Percent of 18-to-64 Year Olds in Connecticut and the U.S. Who Received Food Stamp, Energy Assistance, Rental Subsidy, and Medicaid, Total and by Educational Attainment Level, 2009-2012 Averages

| Connecticut | % Receiving Food Stamp* | % Receiving Energy Assistance* | % Receiving Housing Subsidy* | % With Medicaid** |
|--------------------------|-------------------------|--------------------------------|------------------------------|-------------------|
| <12 or 12, No HS Diploma | 36.1 | 14.6 | 25.7 | 29.2 |
| HS Graduate or GED | 15.0 | 5.8 | 8.5 | 13.9 |
| 1-3 Years of College | 9.5 | 6.0 | 5.4 | 9.5 |
| Bachelor's Degree | 2.4 | 1.4 | 0.9 | 4.7 |
| Master's or Higher | 0.9 | 0.2 | 0.6 | 3.3 |
| Total | 9.4 | 4.4 | 5.6 | 9.9 |

| United States | % Receiving Food Stamp* | % Receiving Energy Assistance* | % Receiving Housing Subsidy* | % With Medicaid** |
|--------------------------|-------------------------|--------------------------------|------------------------------|-------------------|
| <12 or 12, No HS Diploma | 31.9 | 8.5 | 11.3 | 23.4 |
| HS Graduate or GED | 15.8 | 4.5 | 5.8 | 12.9 |
| 1-3 Years of College | 11.1 | 3.5 | 3.9 | 8.7 |
| Bachelor's Degree | 2.9 | 1.0 | 1.0 | 3.6 |
| Master's or Higher | 1.5 | 0.5 | 0.5 | 2.5 |
| Total | 11.6 | 3.4 | 4.1 | 10.0 |

Source: March CPS Supplements, 2009, 2010, 2011, 2012, and 2013, public use files, tabulations by Center for Labor Market Studies, Northeastern University.

Note: * Restricted to head of households. ** Restricted to all persons, 18-64.

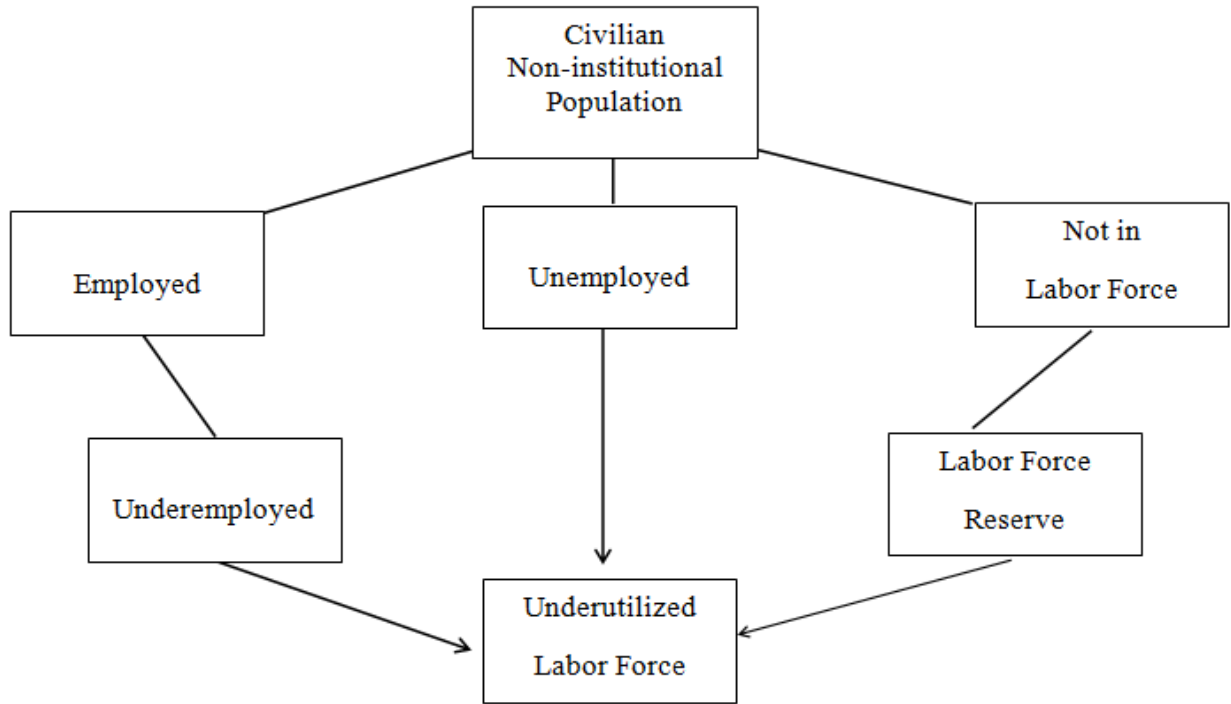
Table:
Net Fiscal Contribution of 18-to-64 Year Old Adults in Connecticut, Total and by Educational Attainment
Level, 2009-2012 Averages

| Education | Total Annual Tax Payments | Transfers/Jail or Prison Cost | Lifetime Total Tax Payment | Lifetime Total Transfers/Inst. Cost | Net Fiscal Lifetime Benefits |
|--------------------------|------------------------------------|-------------------------------------|----------------------------------|---|---------------------------------------|
| <12 or 12, No HS Diploma | \$9,852 | \$9,953 | \$463,022 | \$467,778 | \$-4,756 |
| HS Graduate or GED | 14,074 | 5,493 | 661,460 | 247,192 | 414,268 |
| 1-3 Years of College | 17,910 | 4,136 | 805,962 | 177,857 | 628,105 |
| Bachelor's Degree | 30,228 | 1,510 | 1,269,588 | 61,915 | 1,207,673 |
| Master's or Higher | 38,917 | 1,148 | 1,517,762 | 43,608 | 1,474,154 |
| Total | 22,668 | 3,837 | 1,065,393 | 180,360 | 885,033 |

Source: (i) March CPS Supplements, 2010-2013, U.S. Census Bureau, public use files, U.S. Census Bureau
(ii). 2009, 2010, 2011 American Community Surveys, public use files, U.S. Census Bureau
(iii). IRS sales tax tables by state published in published in “2011 Instructions for Schedule A (Form 1040)”
(iv). IRS sales tax tables by state published in published in “2011 Instructions for Schedule A (Form 1040)”
(v). State Prison Expenditures, Bureau of Justice Statistics, U.S. Department of Justice.

Appendix Chart A: Measuring the Civilian Labor Force, Unemployment Rates, Employment / Population Ratios, and the Underutilized Teen Labor Force (16-19) in the 100 Largest

Metropolitan Areas of the U.S. (Annual Averages)



$$\text{Civilian Labor Force} = \text{Employed} + \text{Unemployed}$$

$$\text{Unemployment Rate} = \frac{\text{Unemployed}}{\text{Civilian Labor Force}}$$

$$\text{Employment / Population Ratio} = \frac{\text{Employed}}{\text{Civilian Noninstitutional Population}}$$

$$\text{Underutilized Labor Force} = \text{Unemployed} + \text{Underemployed} + \text{Labor Force Reserve}$$

$$\text{Adjusted Labor Force} = \text{Civilian Labor Force} + \text{Labor Force Reserve}$$

$$\text{Labor Force Underutilization Rate} = \frac{\text{Underutilized Labor Force}}{\text{Adjusted Labor Force}}$$

Civilian Labor Force: The sum of the number of persons who are either employed or unemployed (not working and actively looking for work). Does not include those who are not looking for work.

Employed: A person who worked one hour or more for pay or profit in the reference week, or worked 15 or more hours without pay in a family business, or was temporarily absent from a job due to vacation, weather, or temporary illness.

Unemployed: A person who did no work for pay or profit in the reference week, but had actively looked for work in the past four weeks, and could have taken a job if one was offered to her.

Employment / Population Ratio (E/P): The E/P ratio is the ratio of the number of employed persons to the number of persons in the civilian non-institutional population.

Labor Force Reserve: A person who was not working nor actively seeking work in the past 4 weeks but who desired to be employed at the time of the survey. Also known as the hidden unemployed.

Underemployed: A person who was working part-time (under 35 hours) for economic reasons but desired full-time work and was available for full-time employment.

Unemployment Rate: The ratio of the number of persons who are unemployed to the civilian labor force.

Underutilization Rate: The ratio of the number of persons categorized as underutilized to the adjusted civilian labor force.

- The underutilized include the unemployed, the underemployed, and members of the labor force reserve.
- The adjusted civilian labor force is the sum of the official civilian labor force and members of the labor force reserve.