

Opportunity ★ Guidance ★ Support



Connecticut Workforce Trends

Commission on Connecticut's Future
Hartford, Connecticut

Sharon Palmer, Commissioner
Andy Condon, Director of Research
Patrick J. Flaherty, Economist

Connecticut Department of Labor

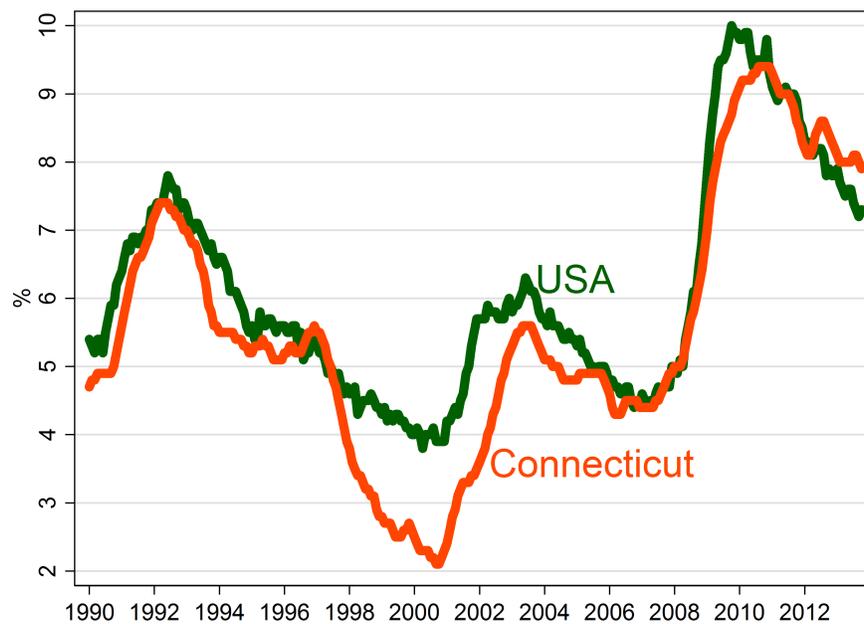
December 2, 2013

Outline

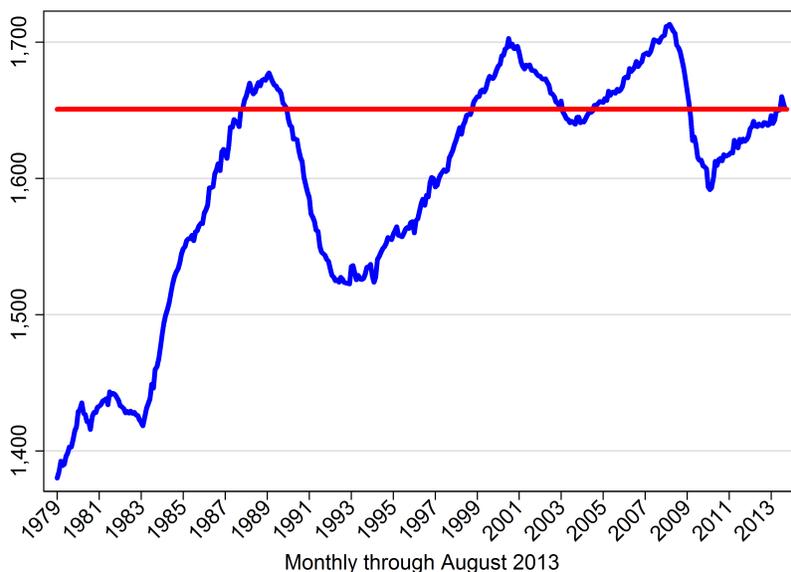
- 1 Labor Market Update
- 2 "Last Ten Years"
 - Manufacturing
- 3 Population and Projections
 - Projections
 - Manufacturing
 - Importance of Education

Unemployment Rates

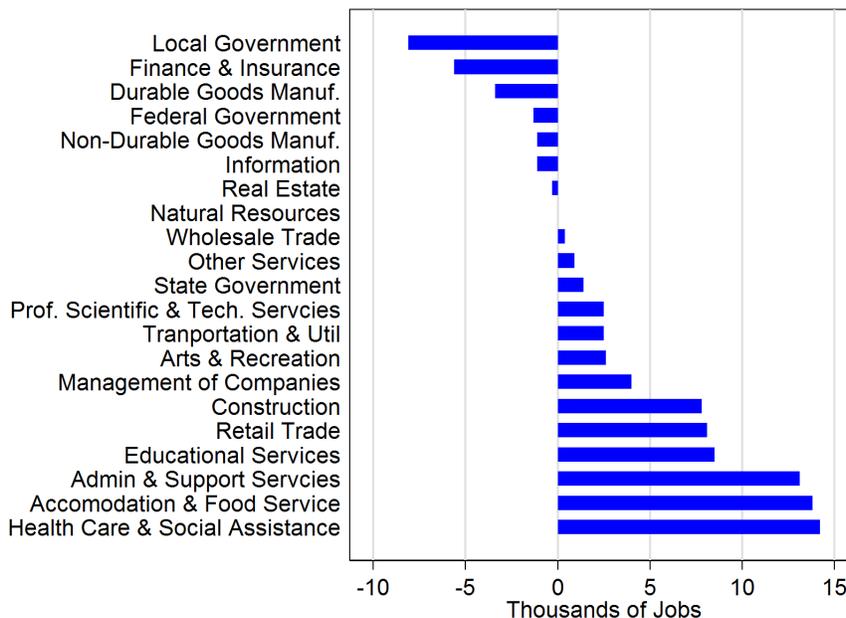
Connecticut vs. U.S. through October 2013 (%)



Connecticut Payroll Employment Through October 2013

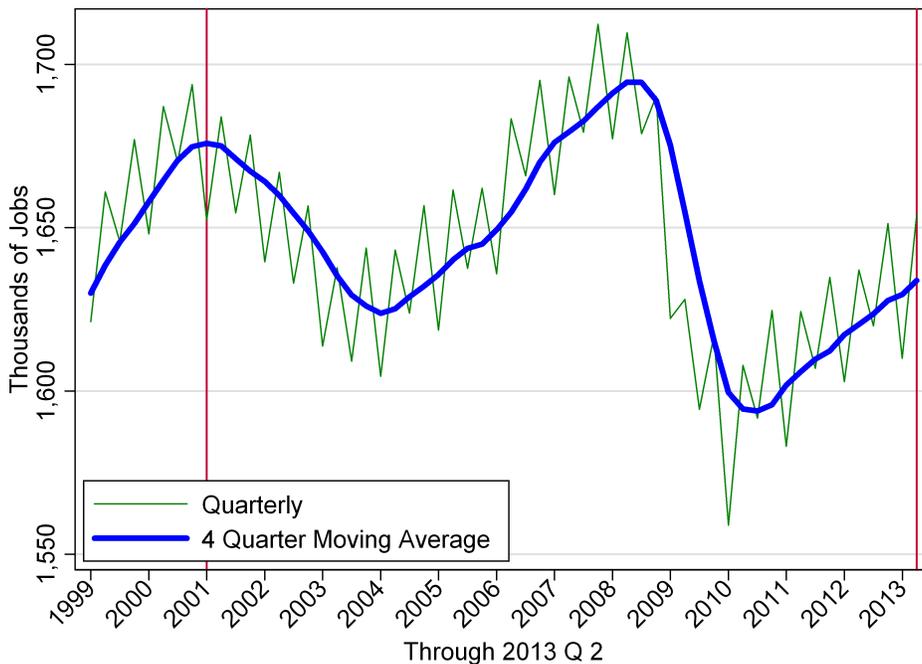


Change in Employment February 2010 to October 2013



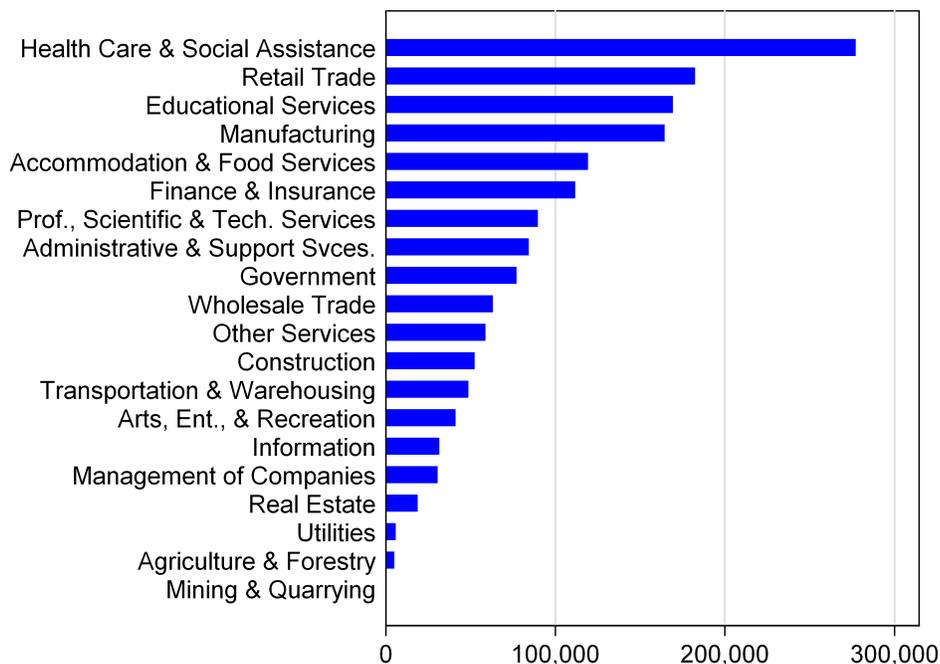
Connecticut Employment

Quarterly Census of Employment and Wages (QCEW)



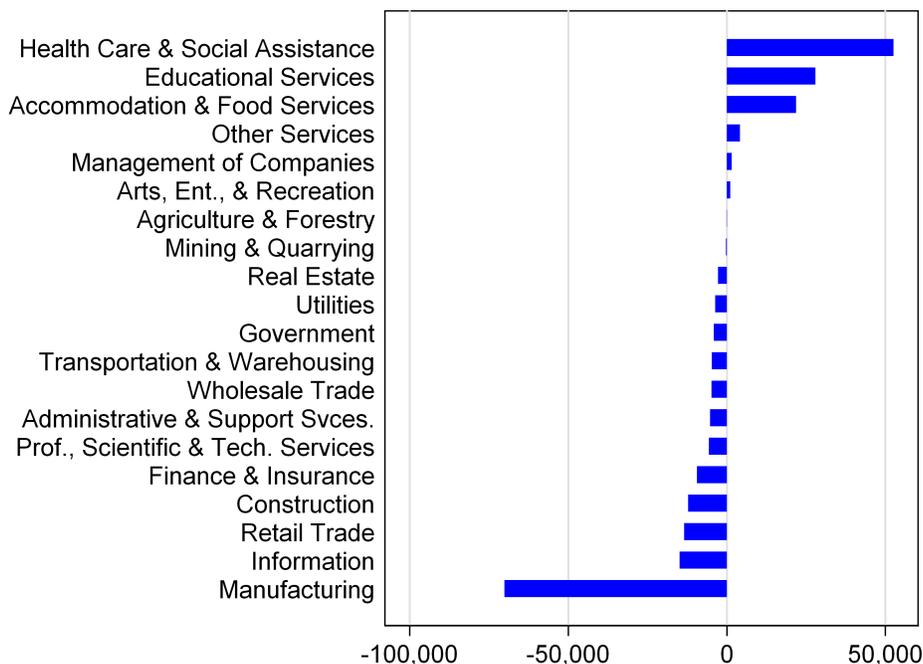
Connecticut Employment

By Sector – Year Ending 2013 Q 2



Change Connecticut Employment

By Sector – 2001 Q 1 to 2013 Q 2



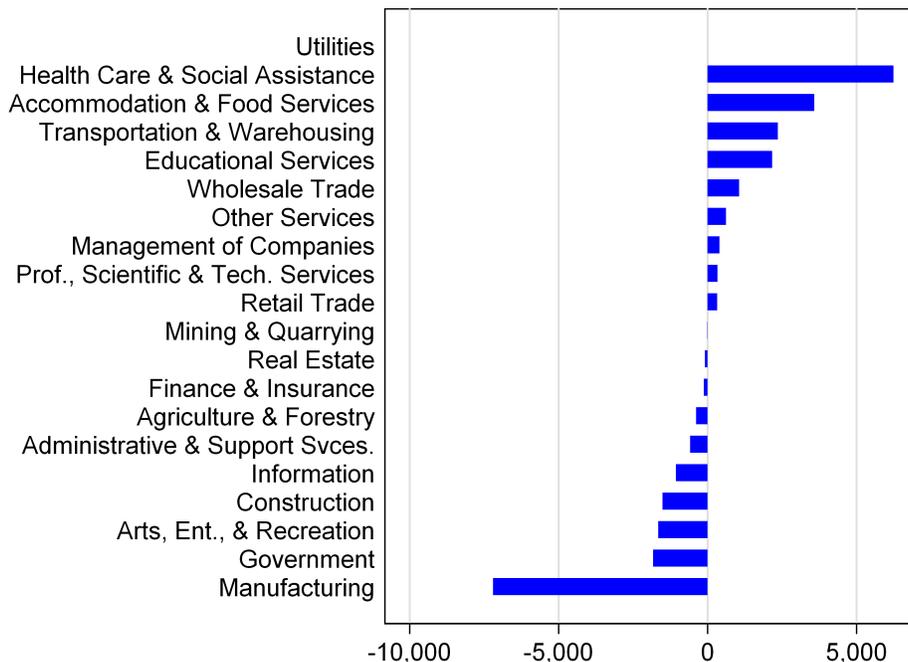
Eastern WIA Employment

By Sector – Year Ending 2013 Q 2



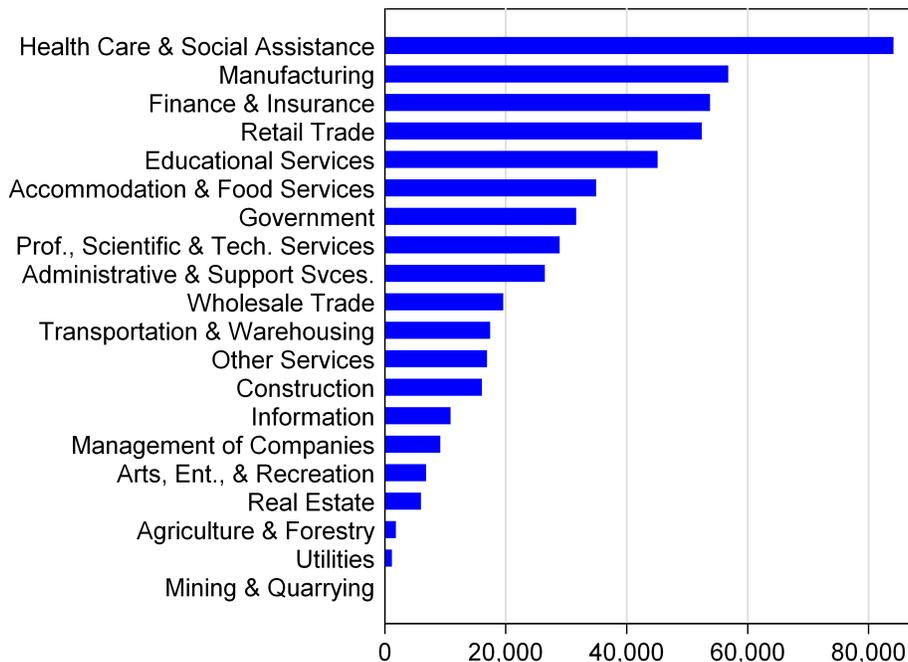
Change Eastern WIA Employment

By Sector – 2001 Q 1 to 2013 Q 2



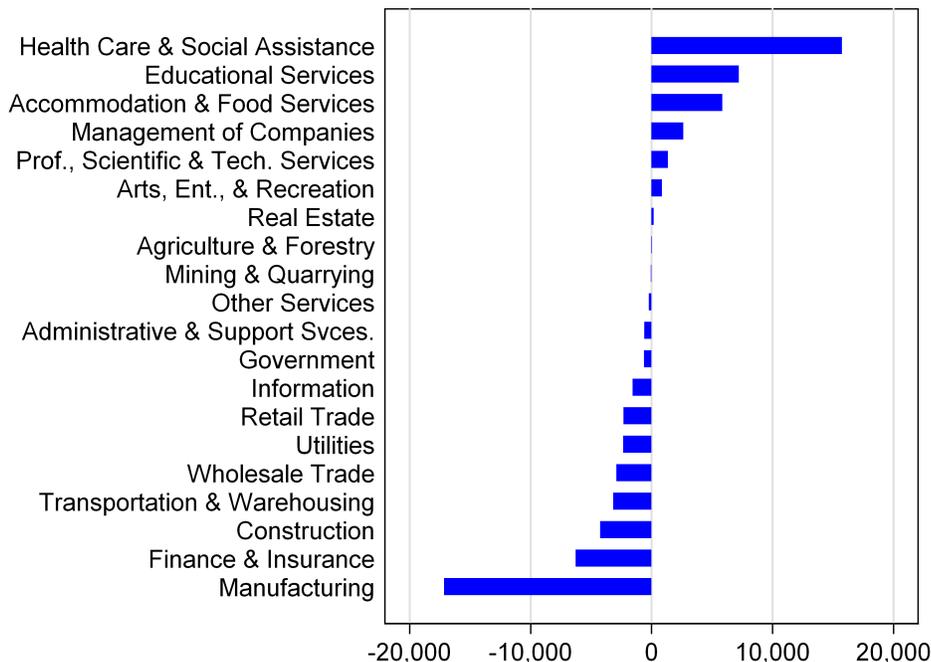
North Central WIA Employment

By Sector – Year Ending 2013 Q 2



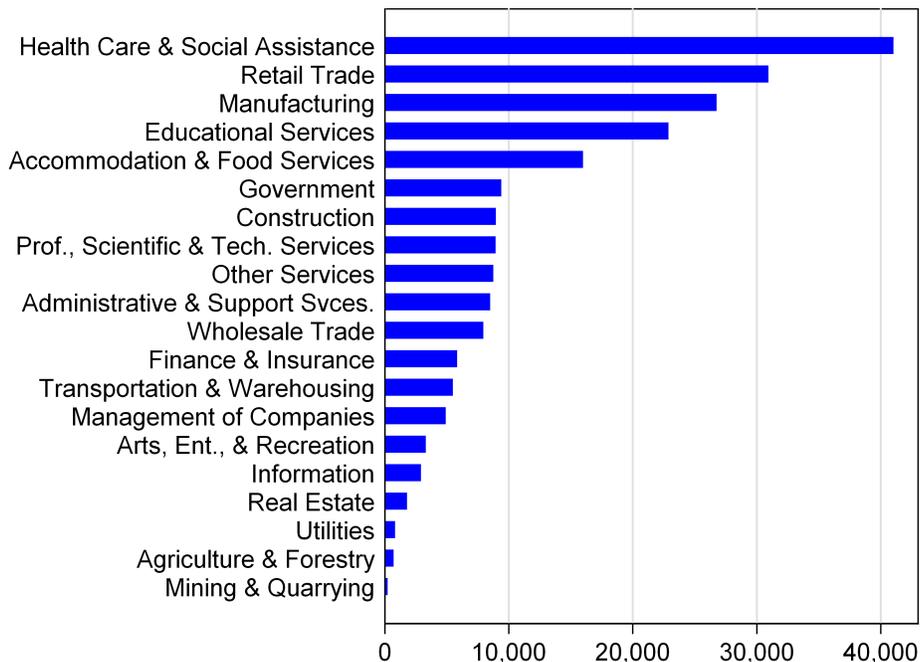
Change North Central WIA Employment

By Sector – 2001 Q 1 to 2013 Q 2



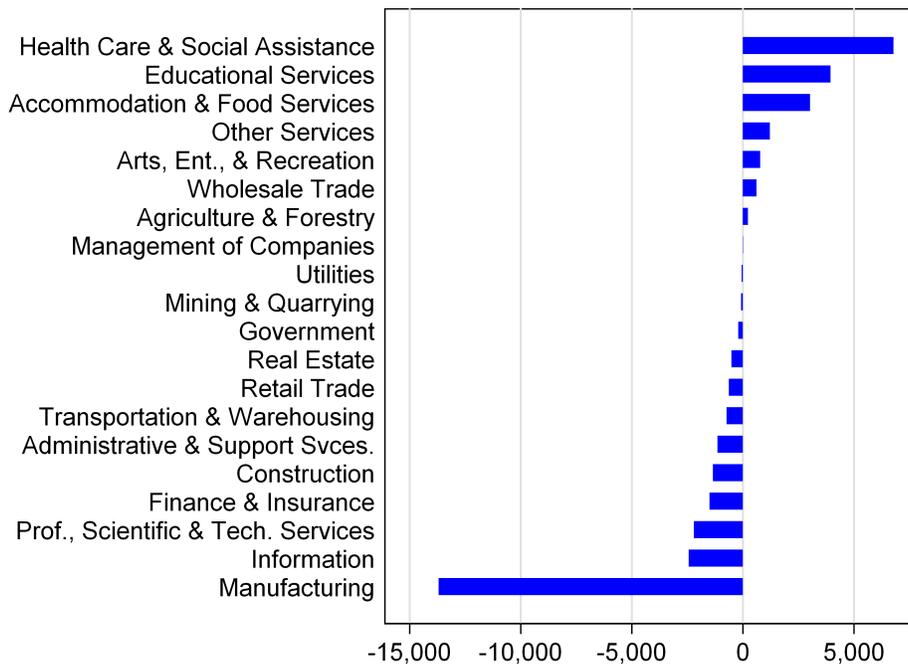
Northwest WIA Employment

By Sector – Year Ending 2013 Q 2



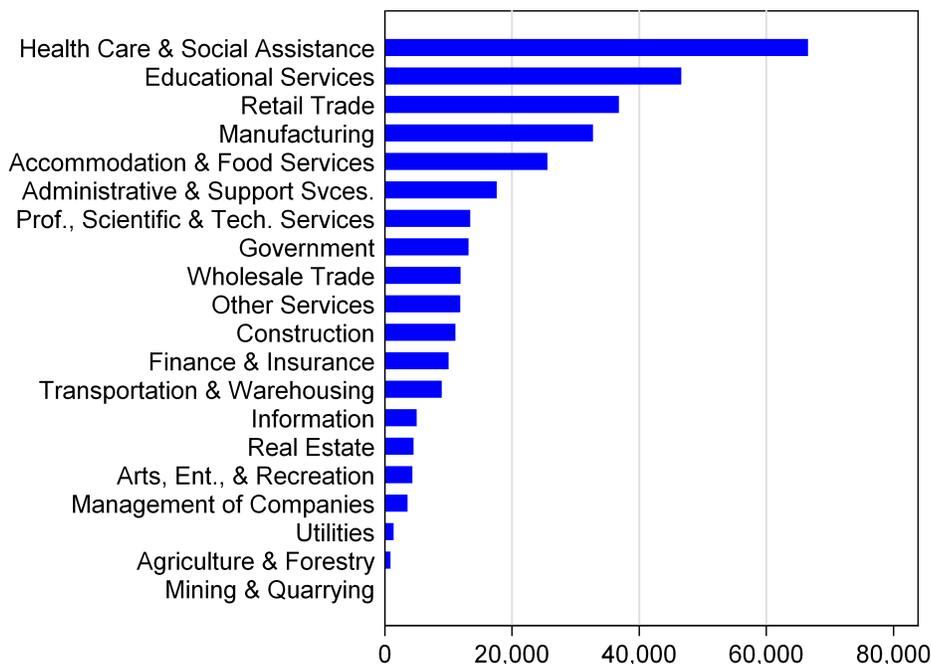
Change Northwest WIA Employment

By Sector – 2001 Q 1 to 2013 Q 2



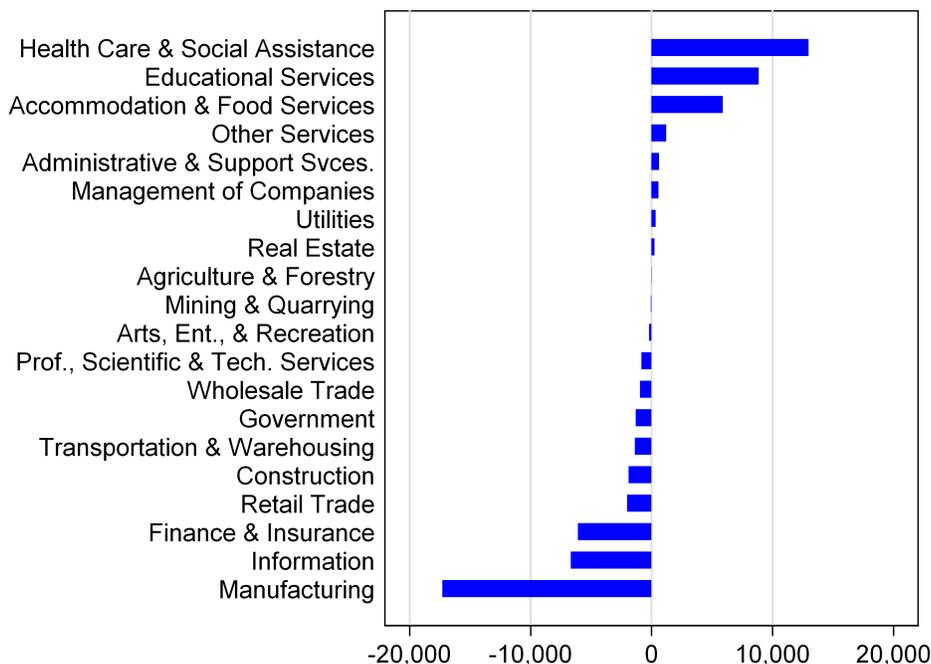
South Central WIA Employment

By Sector – Year Ending 2013 Q 2



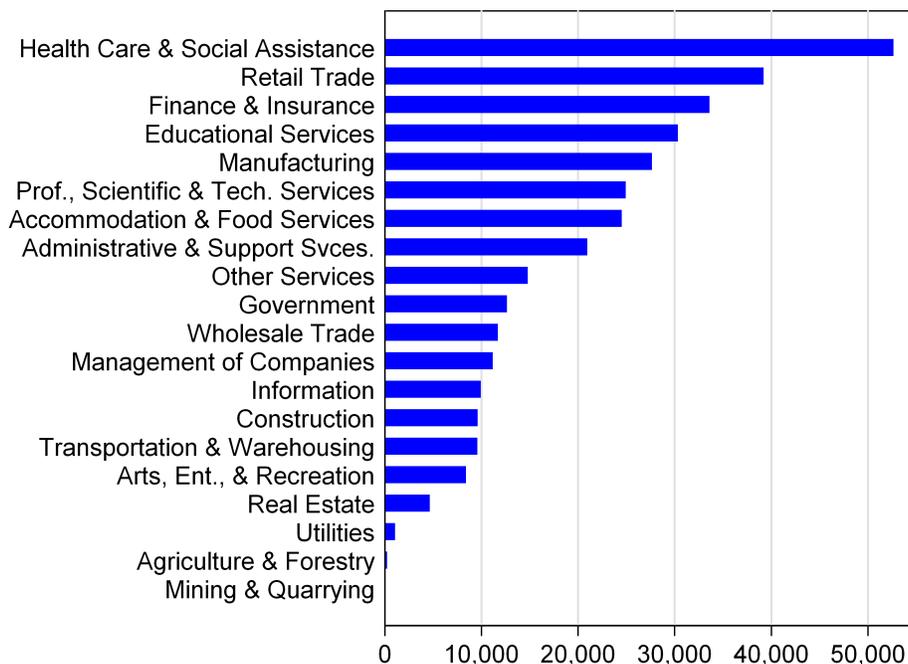
Change South Central WIA Employment

By Sector – 2001 Q 1 to 2013 Q 2



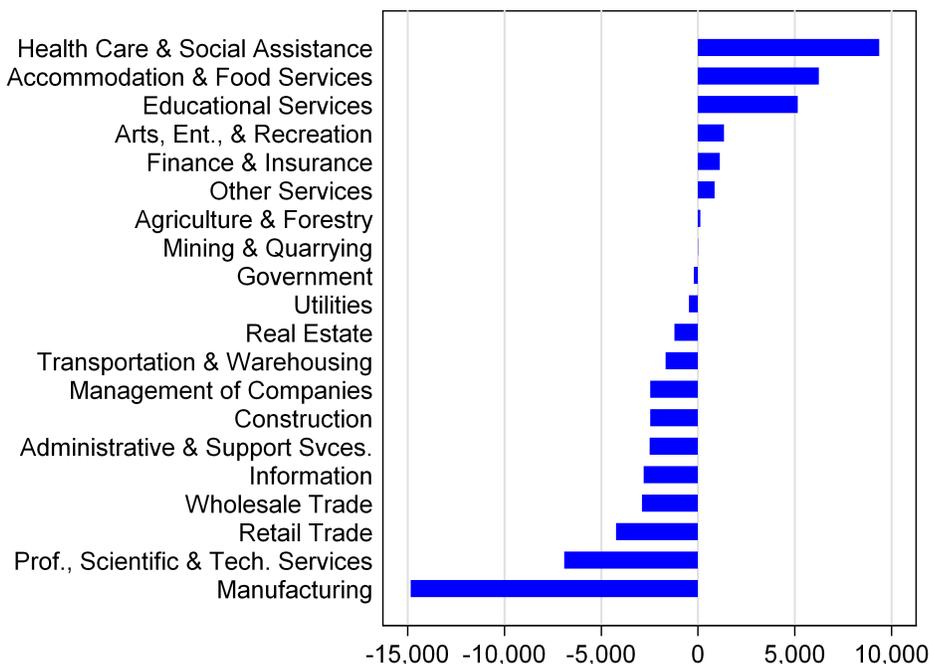
Southwest WIA Employment

By Sector – Year Ending 2013 Q 2



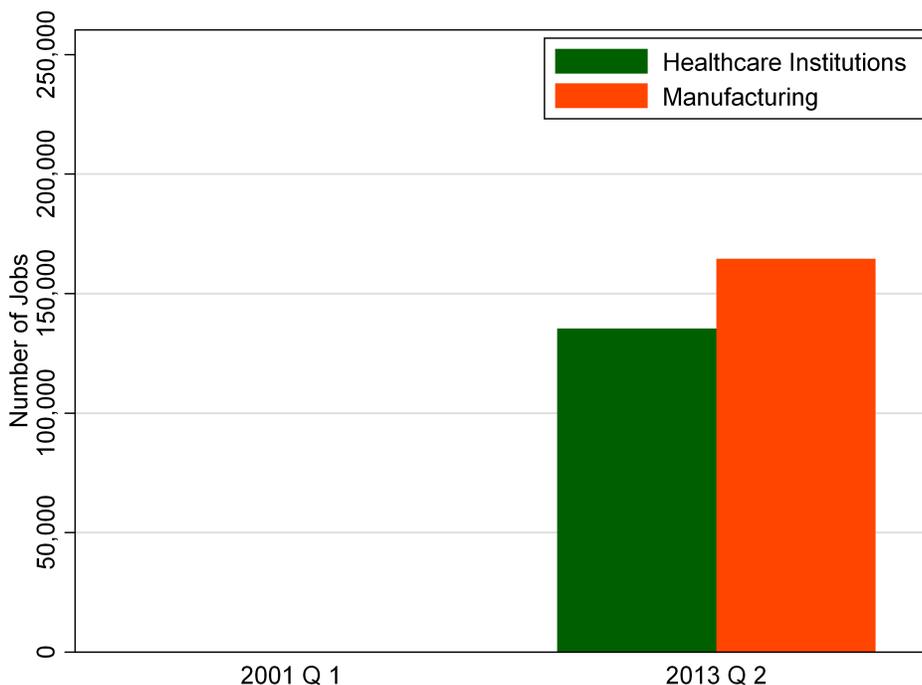
Change Southwest WIA Employment

By Sector – 2001 Q 1 to 2013 Q 2



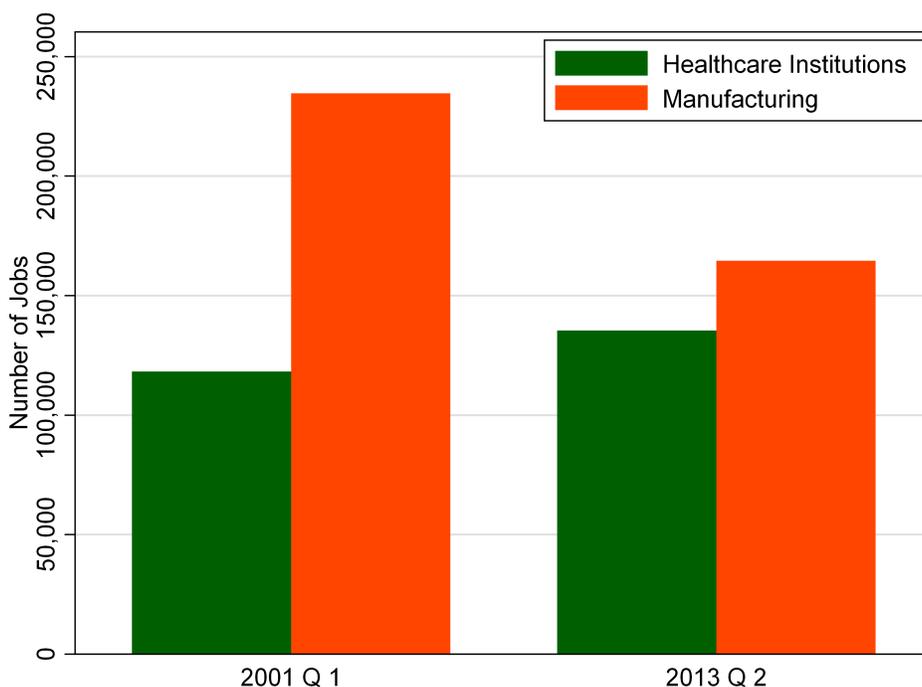
Manufacturing vs. Health Institutions

Connecticut Employment



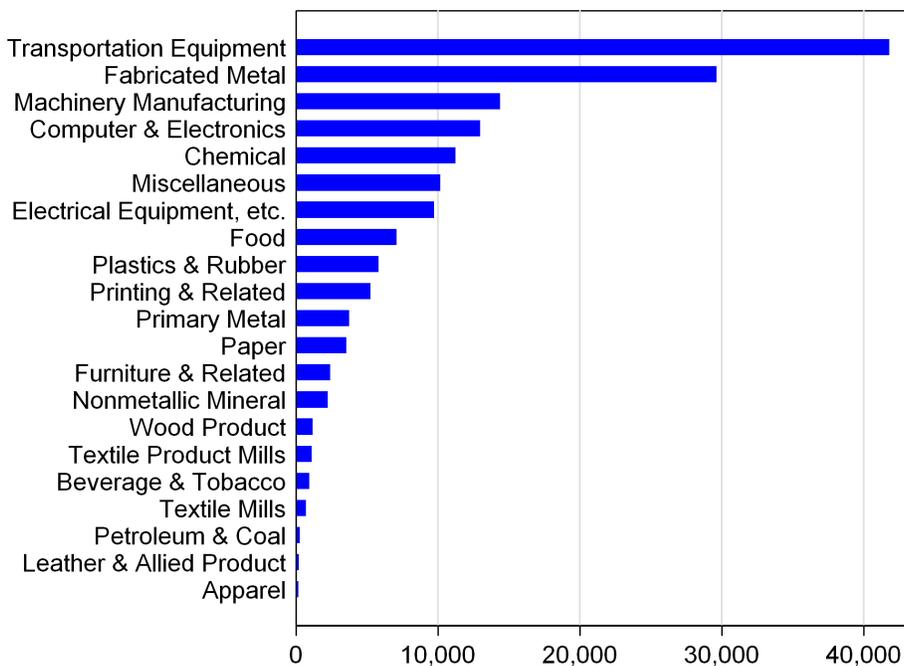
Manufacturing vs. Health Institutions

Connecticut Employment



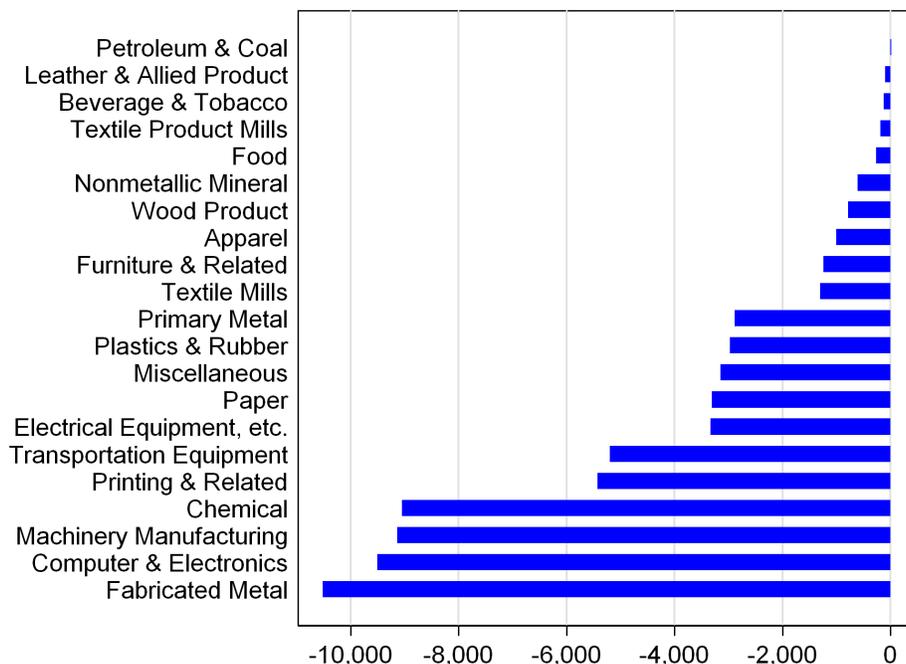
Manufacturing Employment by Industry

Year Ending 2013 Q 2



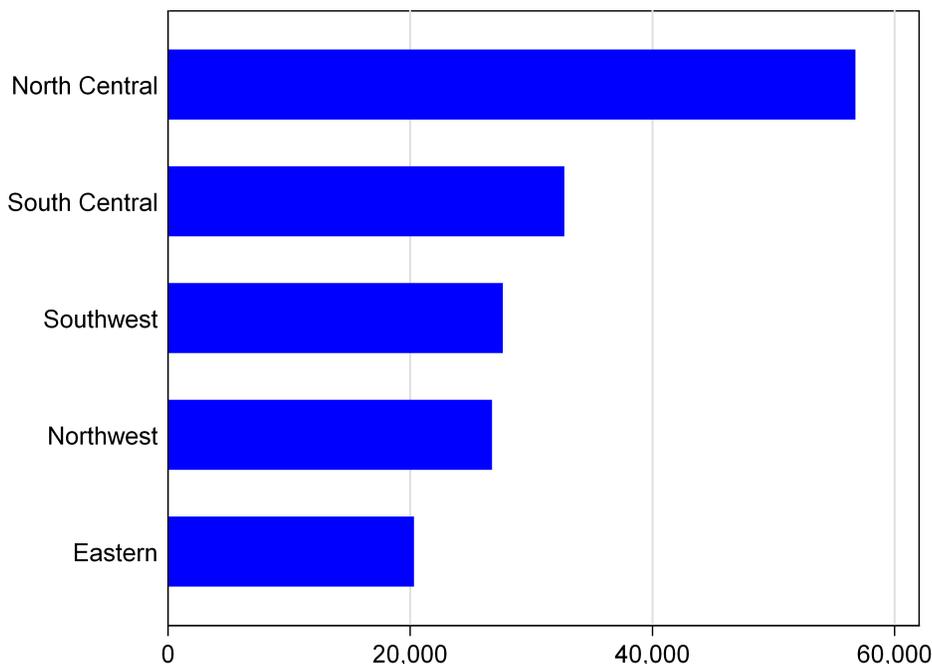
Change in Manufacturing Employment

2001 Q 1 to 2013 Q 2



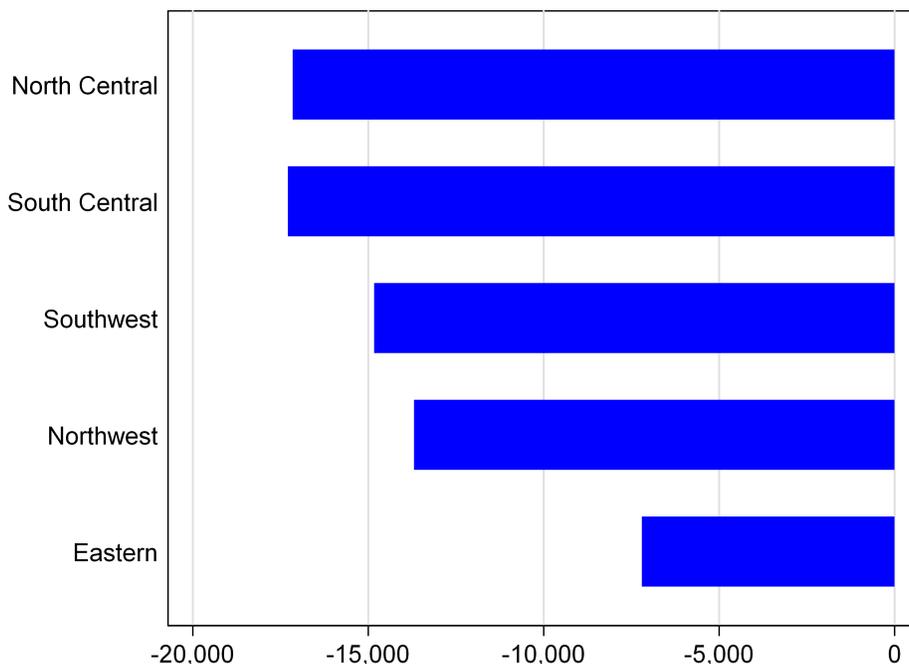
Manufacturing Employment by Area

Year Ending 2013 Q 2



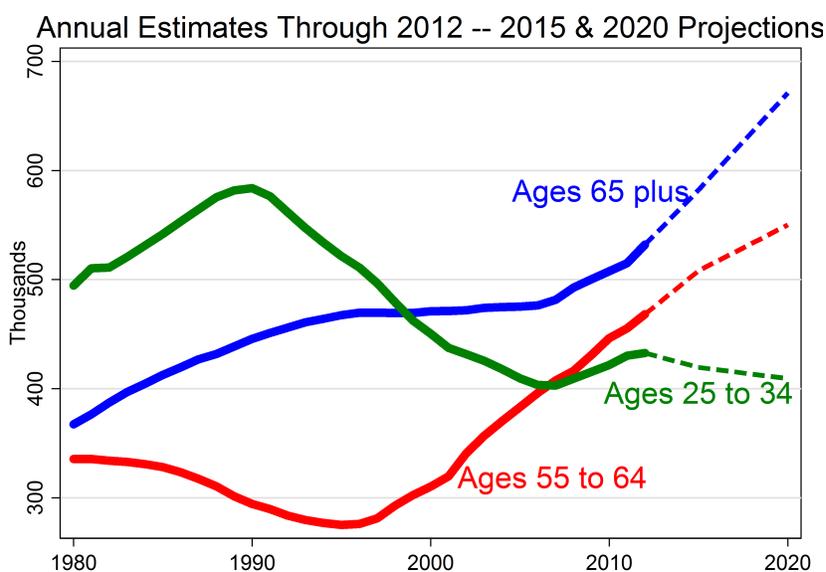
Change in Manufacturing Employment

2001 Q 1 to 2013 Q 2

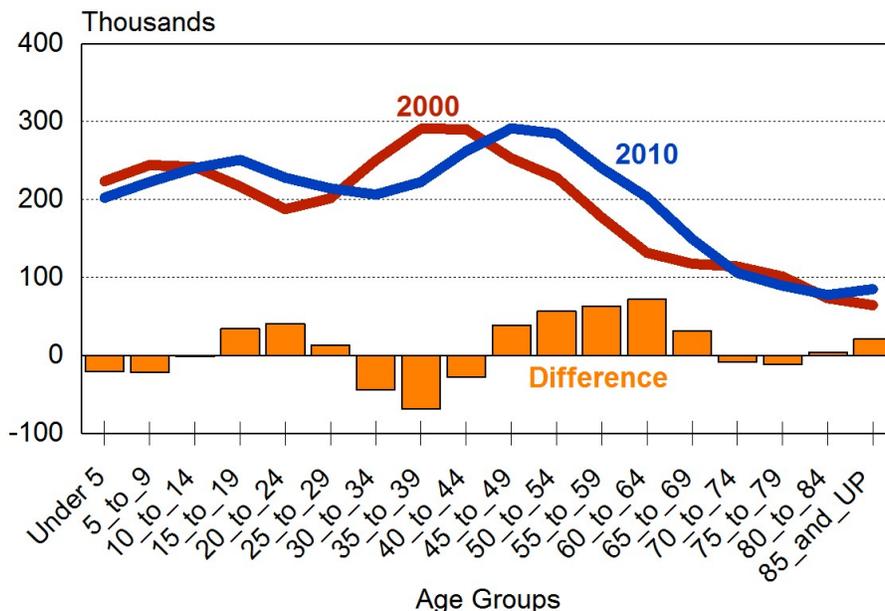


Connecticut Population

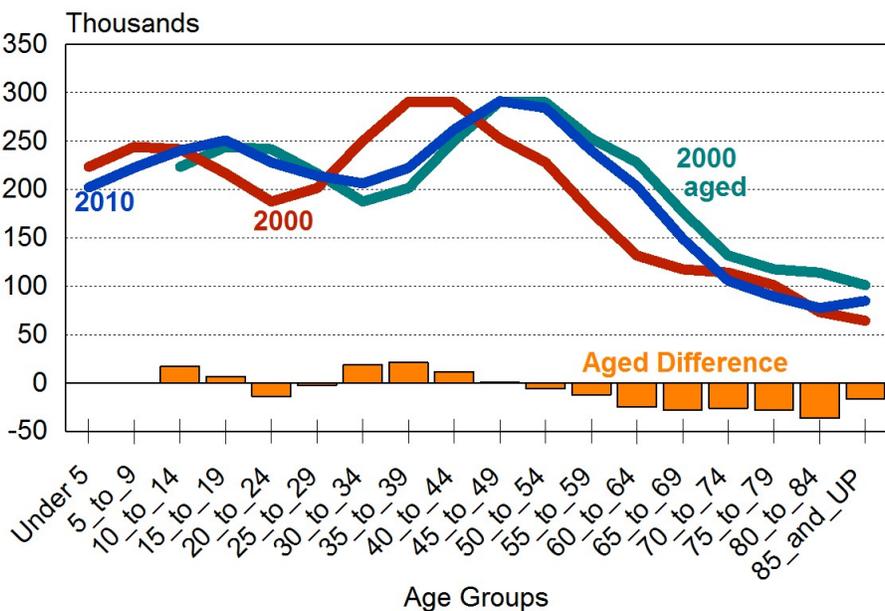
Age Groups



Connecticut Population 2000 vs. 2010



Connecticut Population 2000 vs. 2010

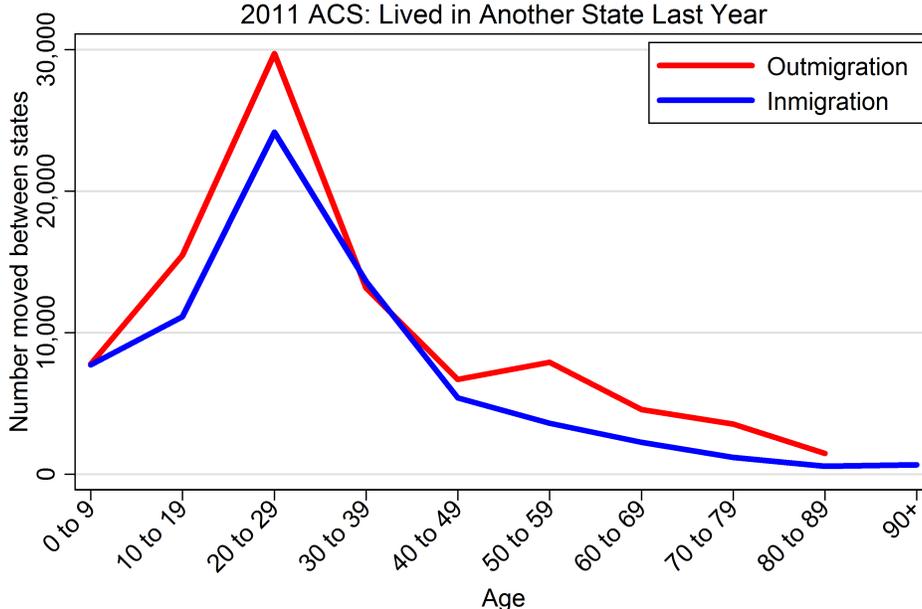


Connecticut Population Change

April 1, 2010 to July 1, 2012

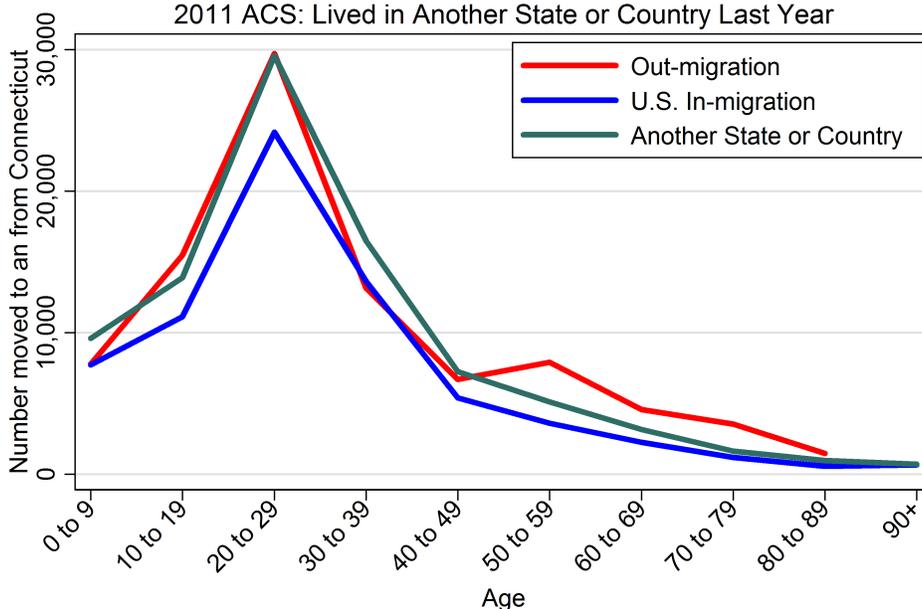
Total Change	+16,250
Births	83,174
Deaths	65,102
Natural Increase	+18,072
Net Migration	
Domestic	-34,471
International	+33,660
Total	-811

Migration to and from Connecticut
 2011 ACS: Lived in Another State Last Year

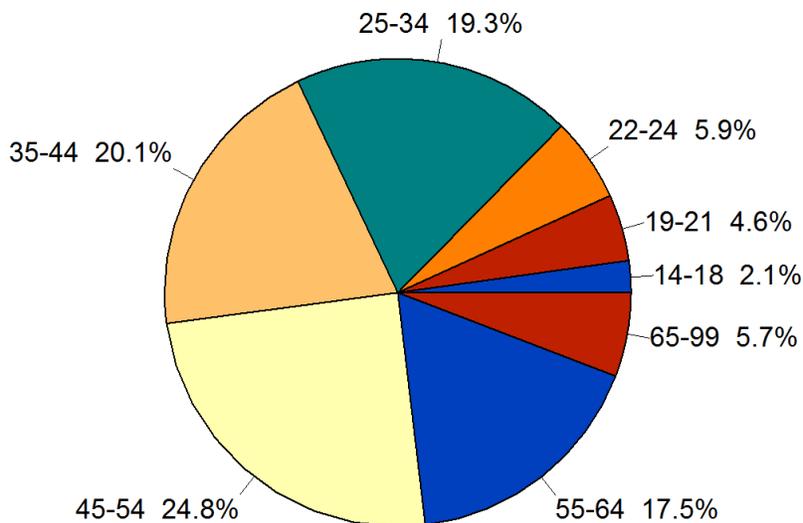


Migration to and from Connecticut

2011 ACS: Lived in Another State or Country Last Year

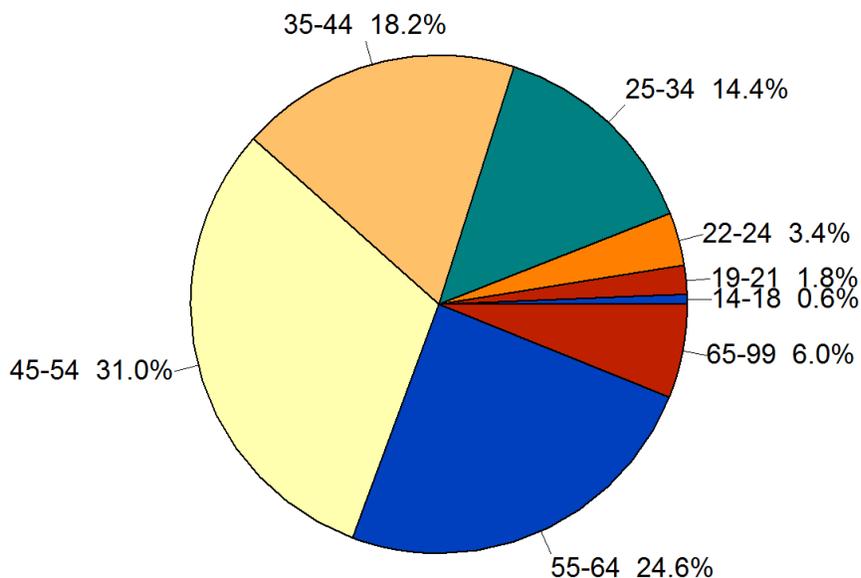


Total Employment by Age Connecticut Average 2012



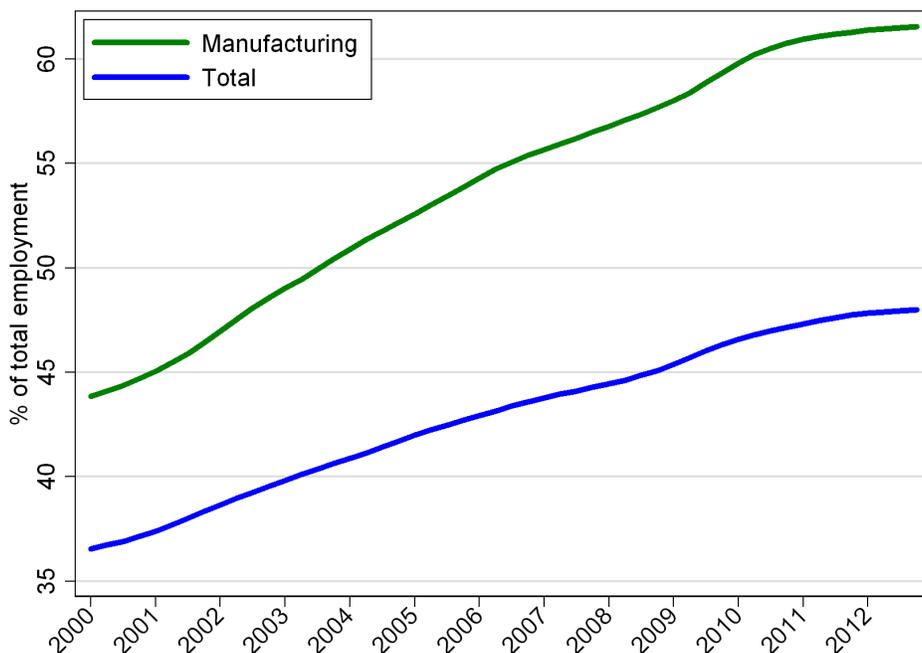
Manufacturing Employment by Age

Connecticut Average 2012



Connecticut Employment Age 45 and Over

As Portion of Total Employment



Paul Krugman on the Internet

In June 1998 Paul Krugman wrote,

"By 2005 or so, it will become clear that the Internet's impact on the economy has been no greater than the fax machine's."

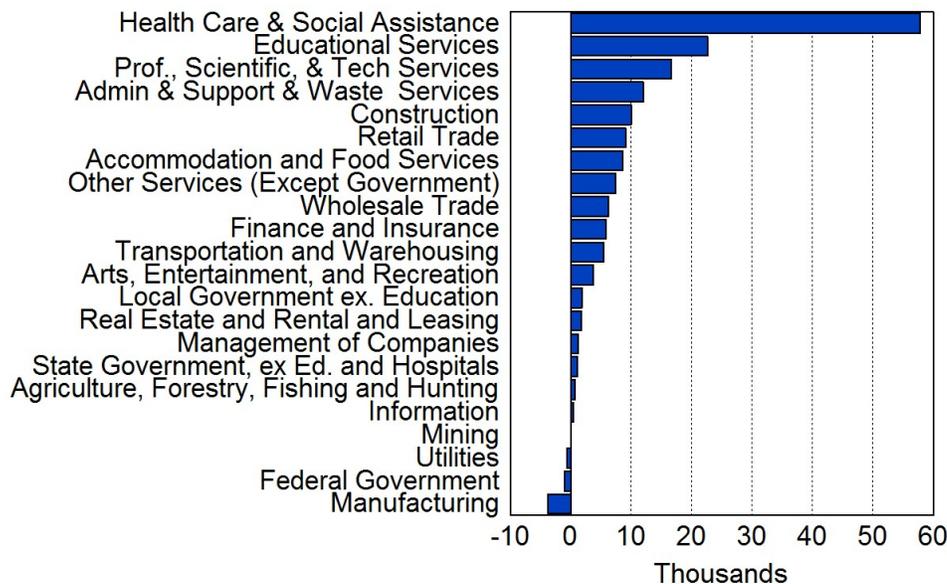
DOL Employment Projections

From BLS website:

“. . . estimates are projections based on a set of assumptions, NOT forecasts that predict future developments.”

Industry Projections

Change in Employment 2010 to 2020



CT Occupations with Most Openings

Projected 2010 to 2020 Average Annual Openings



Selected New 2010 SOC Occupations

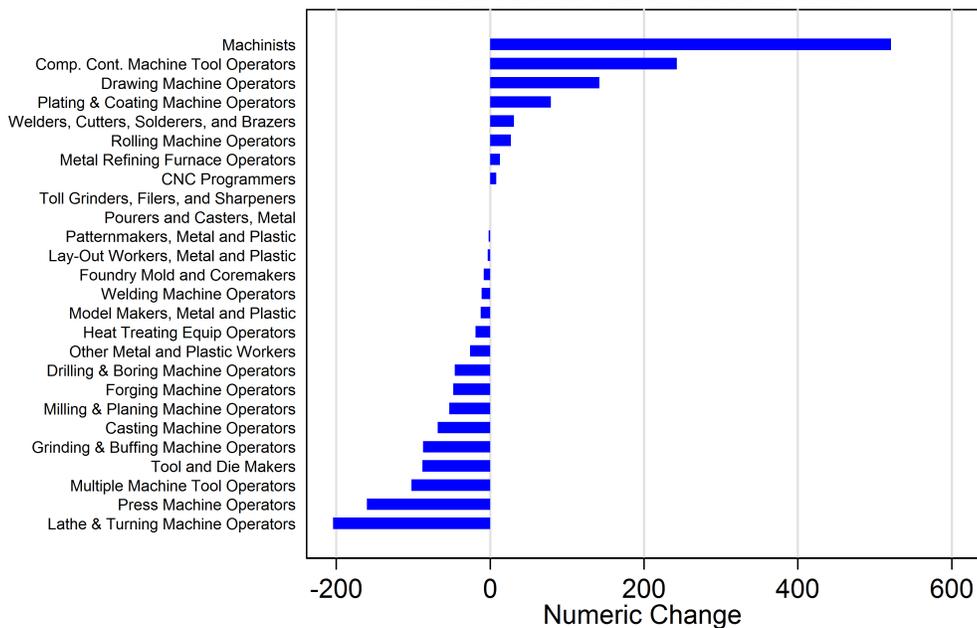
- Computer Network Support Specialists
- Computer Network Architects
- Nurse Practitioners
- Web Developers
- Phlebotomists
- Information Security Analysts
- Orderlies
- Fundraisers
- Nurse Anesthetists
- Transportation Security Screeners
- Magnetic Resonance Imaging Technologists
- Ophthalmic Medical Technicians
- Special Education Teachers, Preschool
- Exercise Physiologists
- Nurse Midwives
- Hearing Aid Specialists
- Solar Photovoltaic Installers
- Wind Turbine Service Technicians
- Genetic Counselors

Connecticut Occupational Projections 2010 to 2020

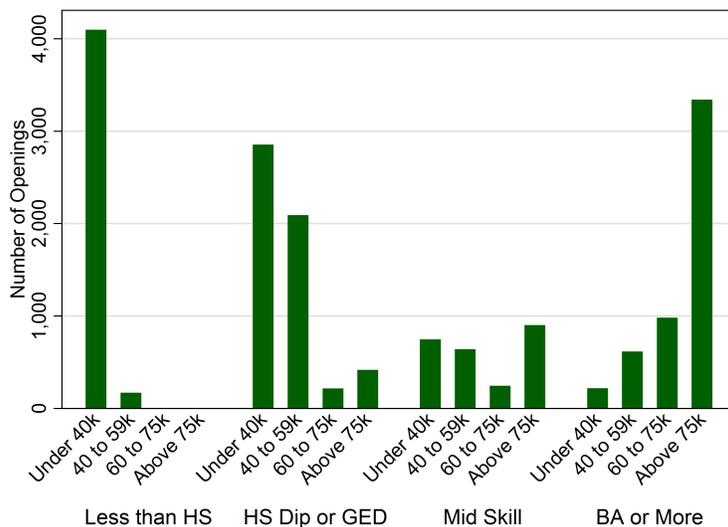
Occupational Group	2010 Estimate	2020 Projection	Numeric Change	Percent Change
Engineers	21,790	22,270	480	2.2
Drafters, Engineering Technicians, and Mapping Technicians	9,024	8,937	-87	-1.0
Architects, Surveyors, and Cartographers	2,126	2,319	193	9.1
Food Processing Workers	3,933	3,979	46	1.2
Printing Workers	3,440	3,040	-400	-11.6
Textile, Apparel, and Furnishings Workers	4,881	4,845	-36	-0.7
Woodworkers	2,074	2,368	294	14.2
Other Production Occupations	22,670	22,924	254	1.1
Plant and System Operators	1,930	2,004	74	3.8
Metal Workers and Plastic Workers	29,393	29,520	127	0.4
Supervisors of Production Workers	8,408	8,234	-174	-2.1
Assemblers and Fabricators	22,721	22,976	255	1.1

CT Occ. Projections 2010-2020

Metal Workers and Plastic Workers



Average Annual Growth Openings By Average Annual Wage & Education Level



Employment and Unemployment by Education

	2009	2010	2011	2012	2013
Total Population					
Employed	1,755,371	1,717,974	1,717,999	1,745,396	1,701,262
Unemployment Rate	7.1	9.0	9.3	8.3	8.1
Less than High School					
Employed	128,200	107,739	99,307	109,470	97,878
Unemployment Rate	16.3	21.2	23.9	21.3	23.8
High School Diploma or GED					
Employed	476,767	459,209	467,010	454,336	416,012
Unemployment Rate	8.9	12.4	12.0	11.3	10.2
Some College or Associates Degree					
Employed	442,936	438,819	430,588	424,197	431,822
Unemployment Rate	7.3	8.5	9.9	8.5	8.2
Bachelor's Degree or More					
Employed	707,469	712,207	721,094	757,393	755,550
Unemployment Rate	3.7	4.8	4.5	4.0	4.4

Data are for 12 months ending July.
 For example, 2013 column is average of the 12 months August 2012 through July 2013.

Connecticut Dept. of Labor Office of Research

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