

Opportunity ★ Guidance ★ Support



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CT Jobs Trends

# Connecticut Labor Market & Demographic Outlook

Planning Commission for Higher Education  
Hartford, Connecticut

Connecticut Department of Labor

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Andy Condon, Director of Research  
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May 14, 2013

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## Outline

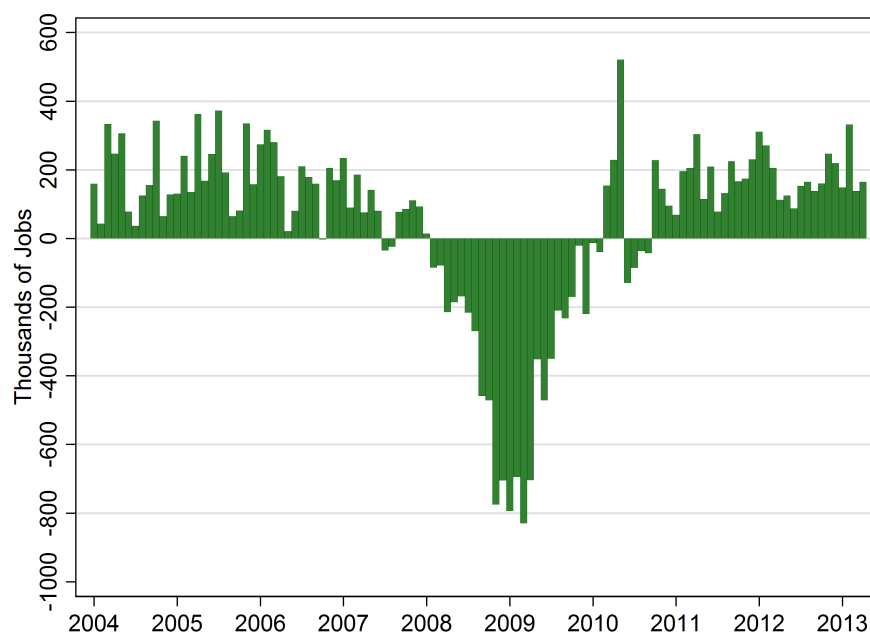
- 1 Current Situation / Historic Context
  - United States
  - Connecticut
- 2 Industry and Occupational Projections
  - United States
  - Connecticut
- 3 Population Changes
- 4 Importance of Education

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United States  
Connecticut

## U.S. Jobs Change from Previous Month Through April 2013, Thousands



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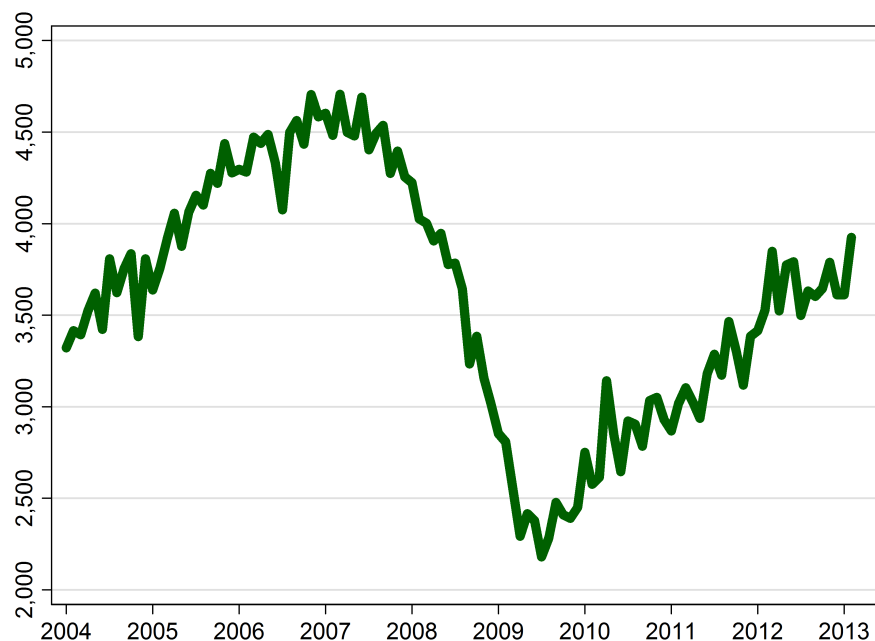
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## Whose Recovery?

### U.S. Employment Changes in the past 12 months

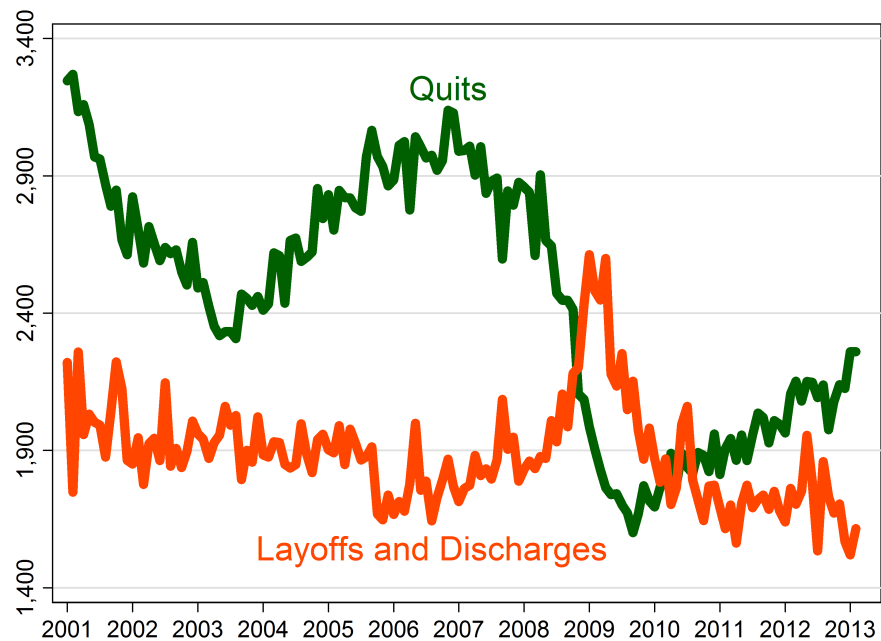
- Less than High School ↓ 227,000
- High School Graduates ↓ 315,000
- Some College ↑ 555,000
- College ↑ 1,498,000

## U.S. Job Openings Thousands – through March 2013



## Separation by Type

Thousands through March 2013

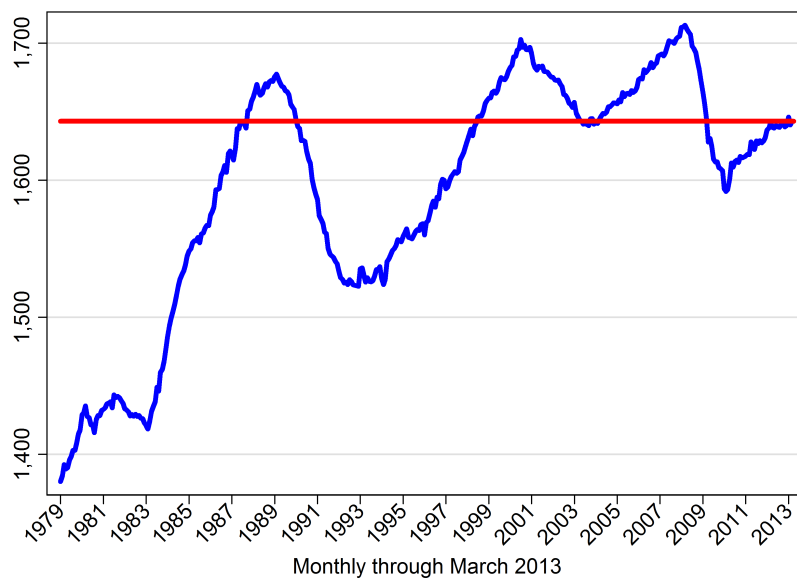


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## Connecticut Payroll Employment

Through March 2013



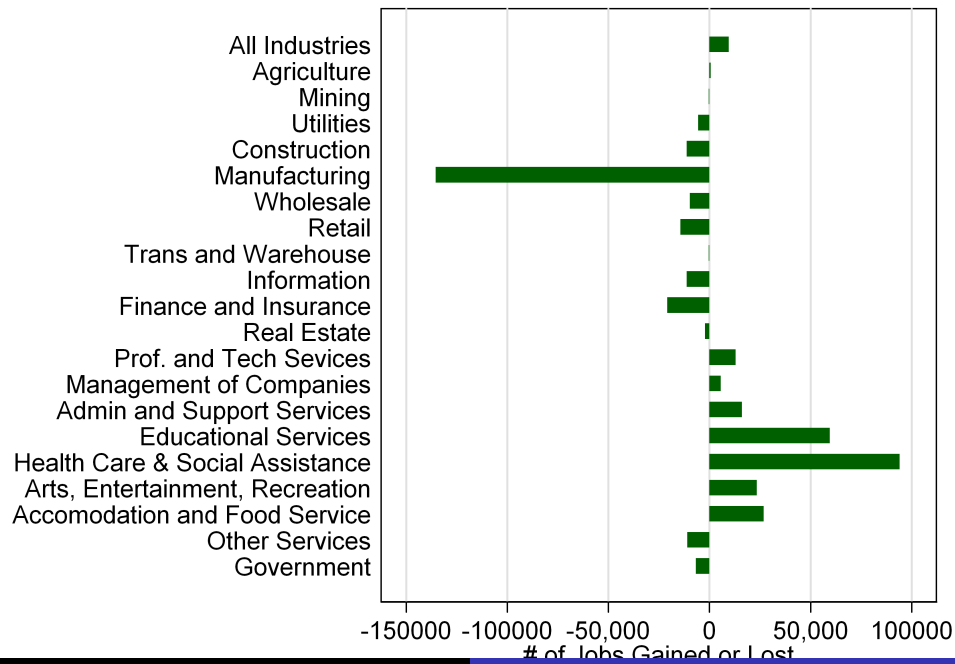
Monthly through March 2013

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# Employment Change 1990 to 2012

## Connecticut by Sector

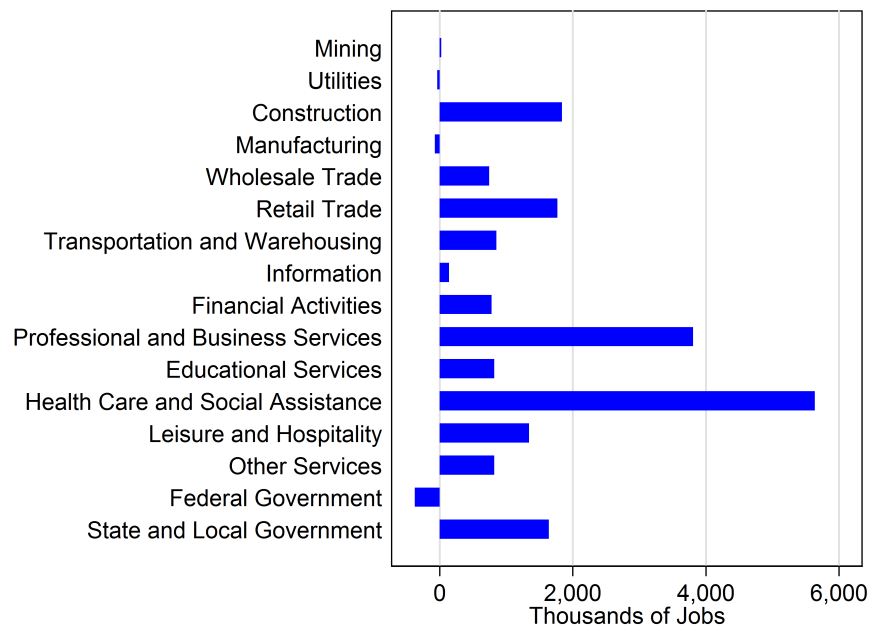


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# U.S. Projected Employment Change

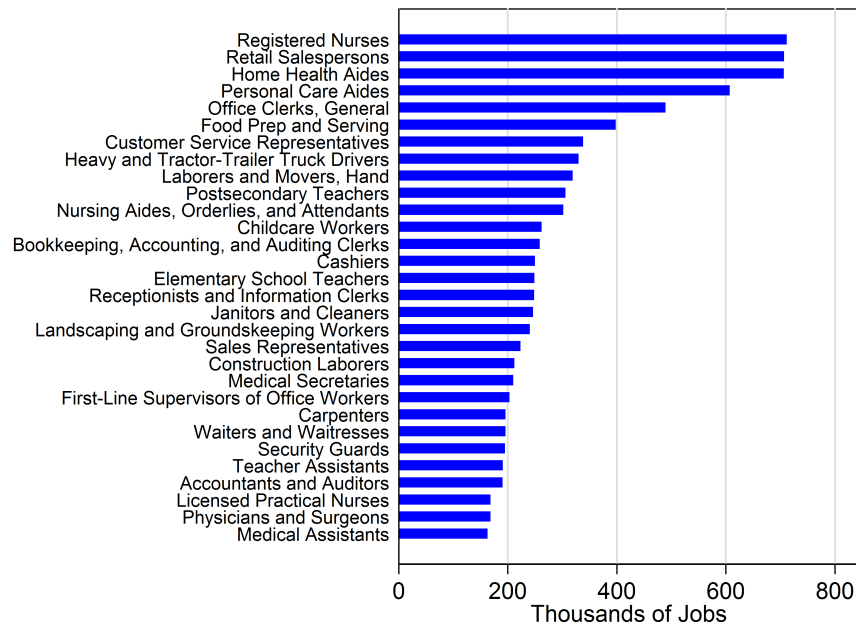
## 2010 to 2020, thousands of jobs



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## U.S. Occupations with Most Growth Projected 2010 to 2020, thousands



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## Selected New 2010 SOC Occupations

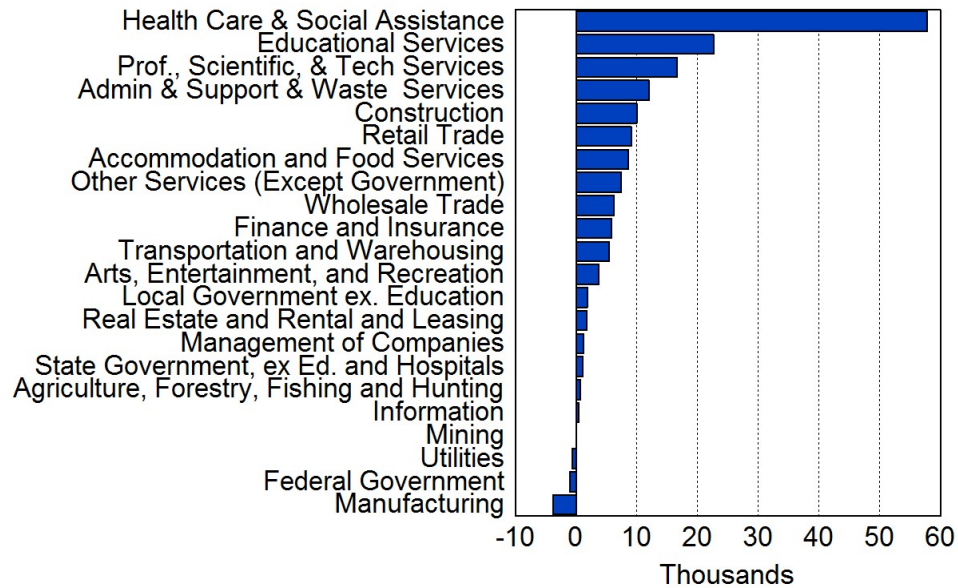
- Computer Network Support Specialists
- Computer Network Architects
- Nurse Practitioners
- Web Developers
- Phlebotomists
- Information Security Analysts
- Orderlies
- Fundraisers
- Nurse Anesthetists
- Transportation Security Screeners
- Magnetic Resonance Imaging Technologists
- Ophthalmic Medical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

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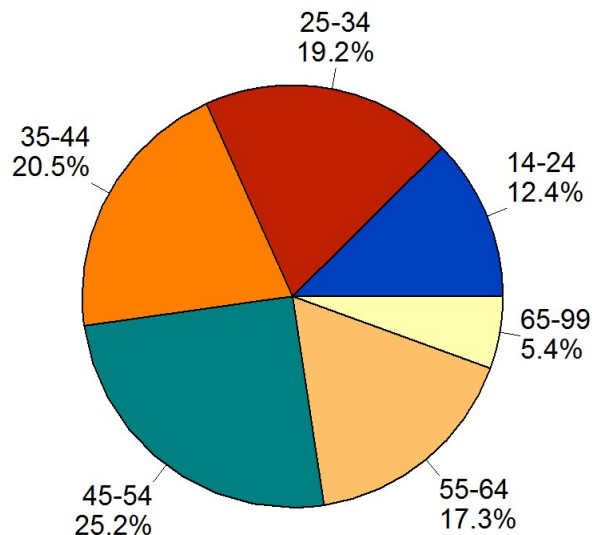
# Industry Projections

## Change in Employment 2010 to 2020



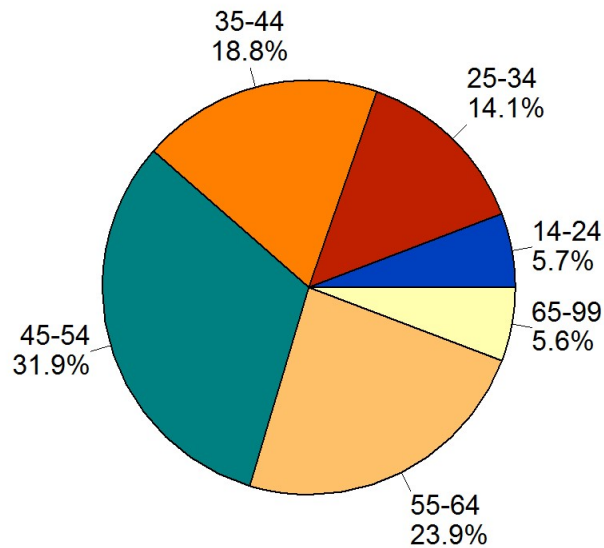
# Total Employment by Age

## Connecticut Average 2011Q2 - 2012Q1



## Manufacturing Employment by Age

Connecticut Average 2011Q2 - 2012Q1

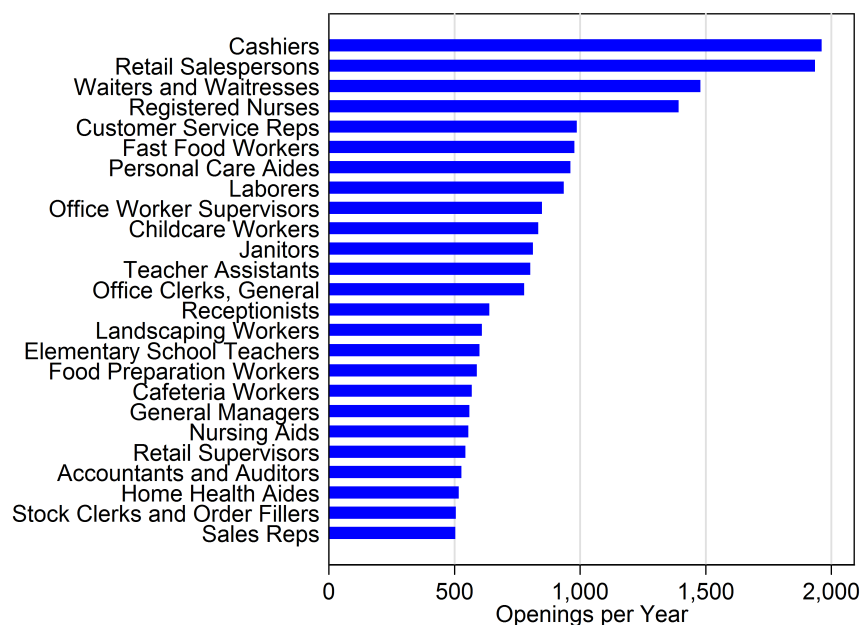


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## CT Occupations with Most Openings

Projected 2010 to 2020 Average Annual Openings



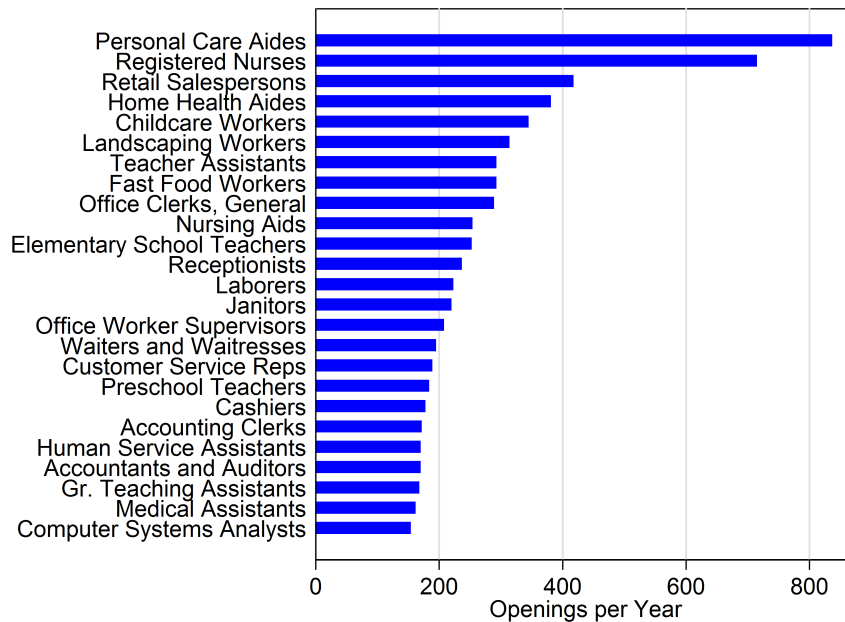
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## CT Occupations with Most Growth Openings

Projected 2010 to 2020 Average Annual Openings

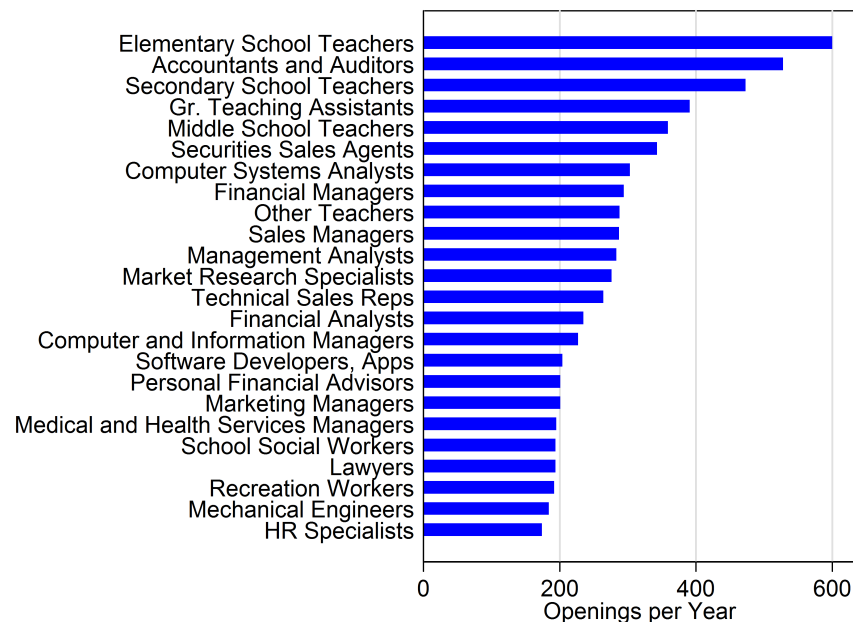


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## Occs w/Most Openings needing B.A. or More

Projected 2010 to 2020 Average Annual Openings

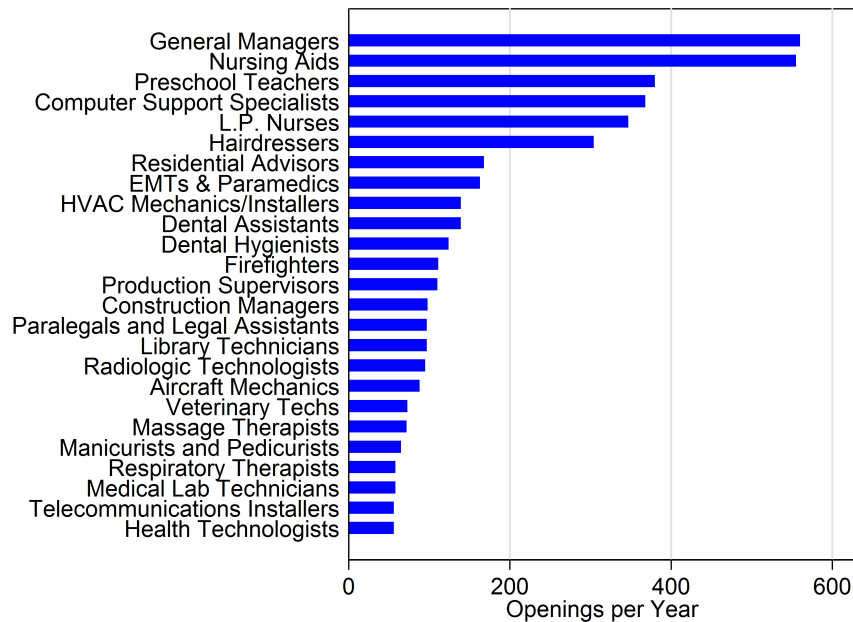


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## Middle Skill Occupations

All Openings 2010-2020

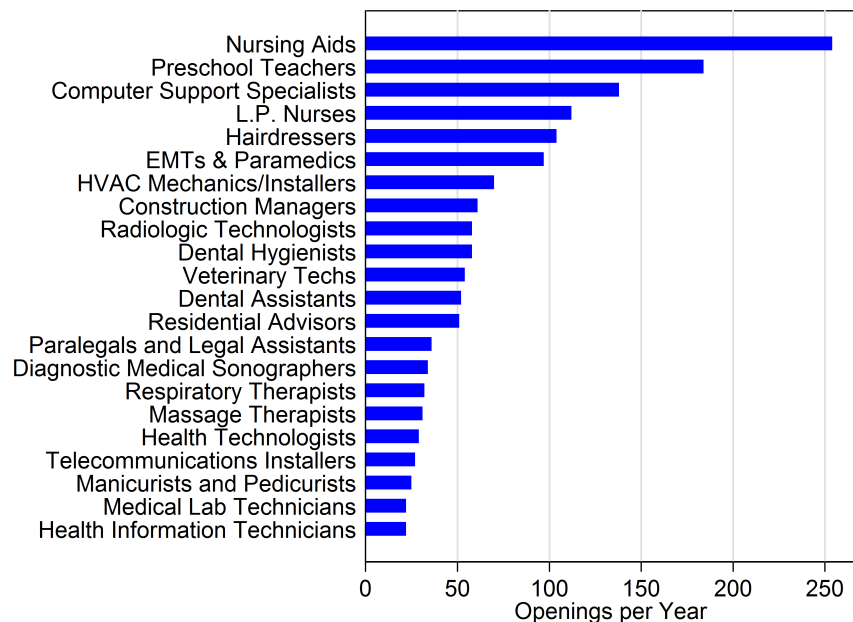


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## Middle Skill Occupations

Most Growth Openings 2010-2020

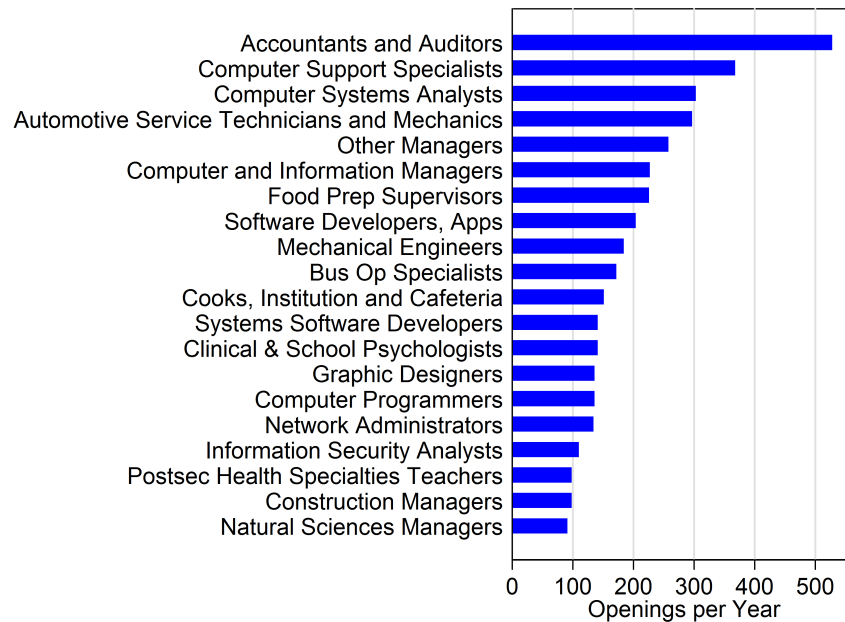


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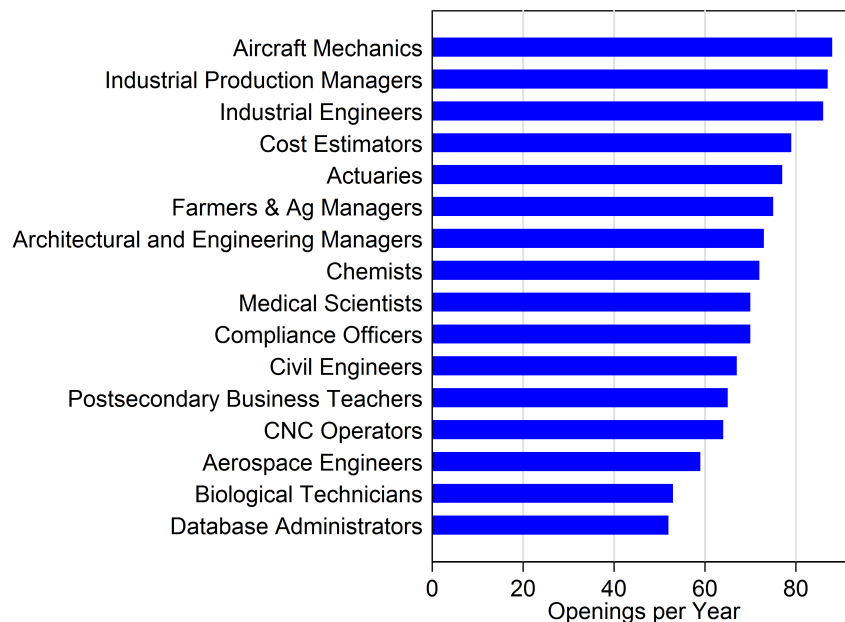
# STEM Occupations

## Most Total Openings 2010-2020



# STEM Occupations

## Additional by Total Openings 2010-2020



## Paul Krugman on the Internet

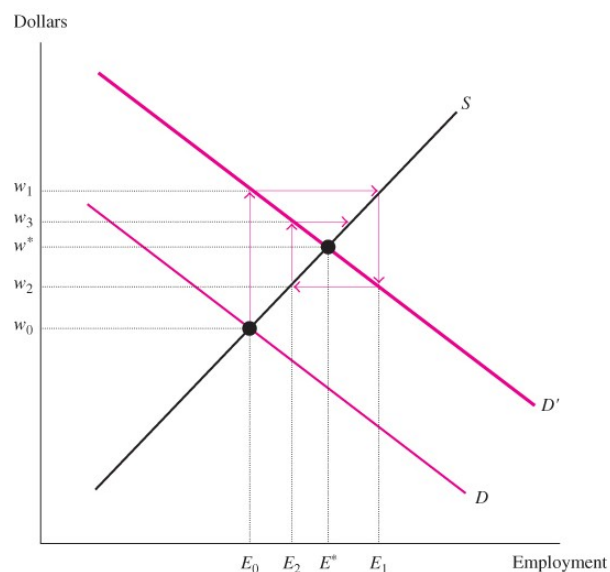
In June 1998 Paul Krugman wrote,

*“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.”*

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## The Cobweb Model

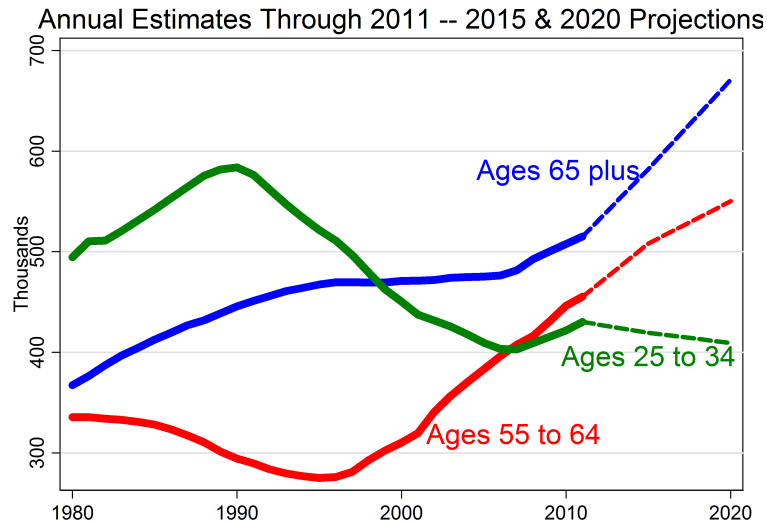


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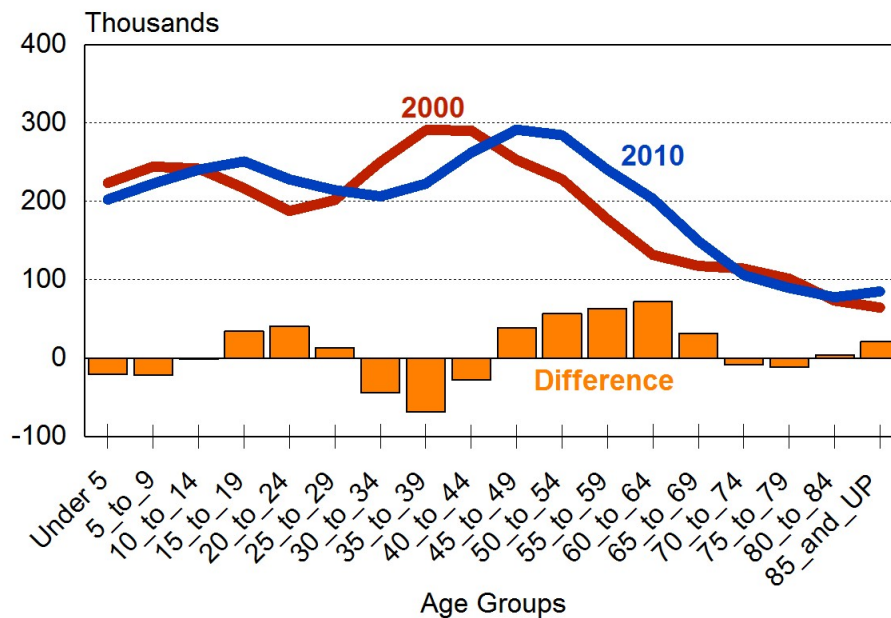
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# Connecticut Population

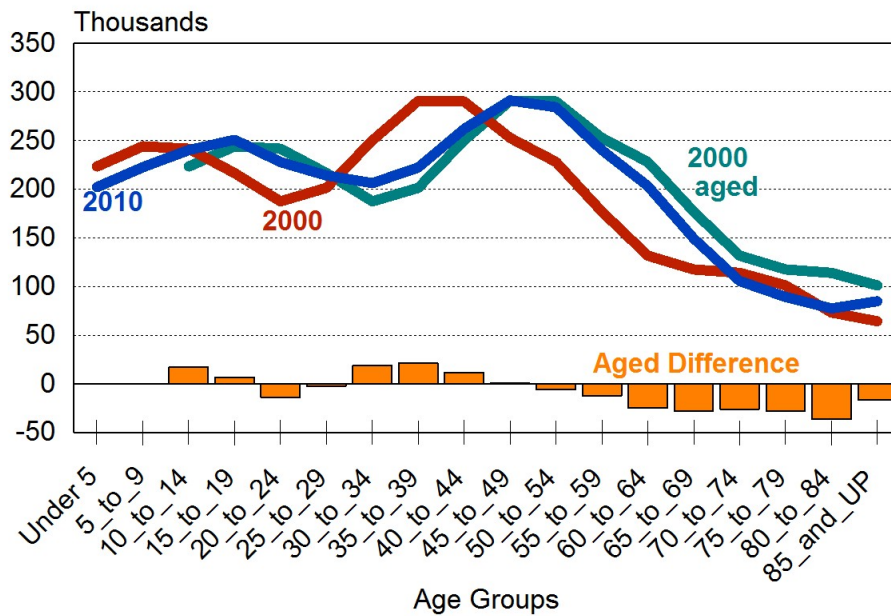
## Age Groups



# Connecticut Population 2000 vs. 2010



## Connecticut Population 2000 vs. 2010



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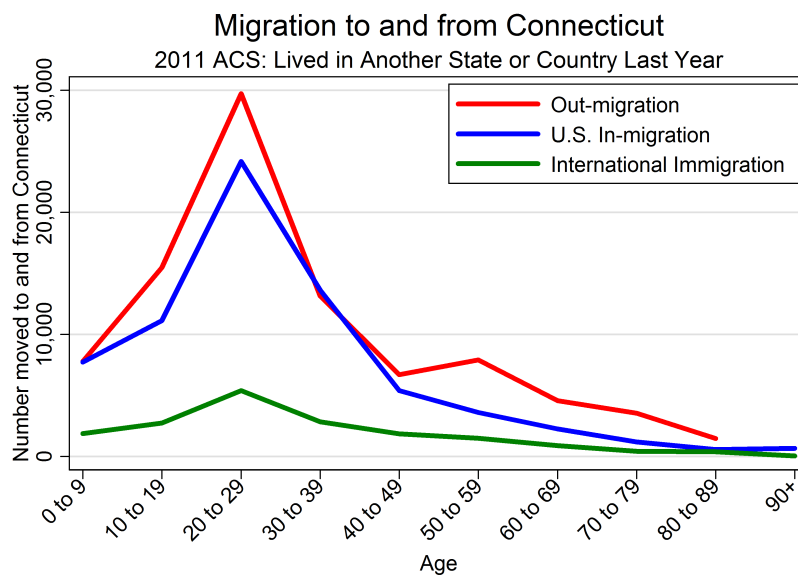
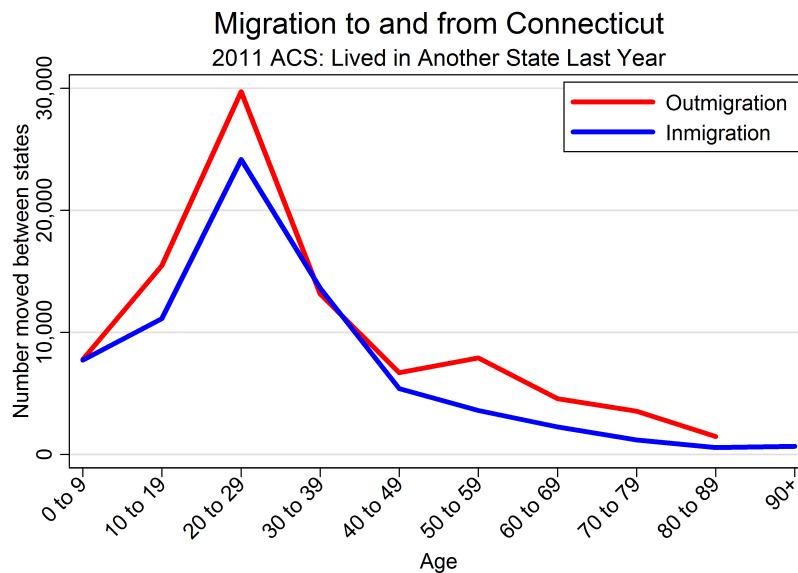
## Connecticut Population Change

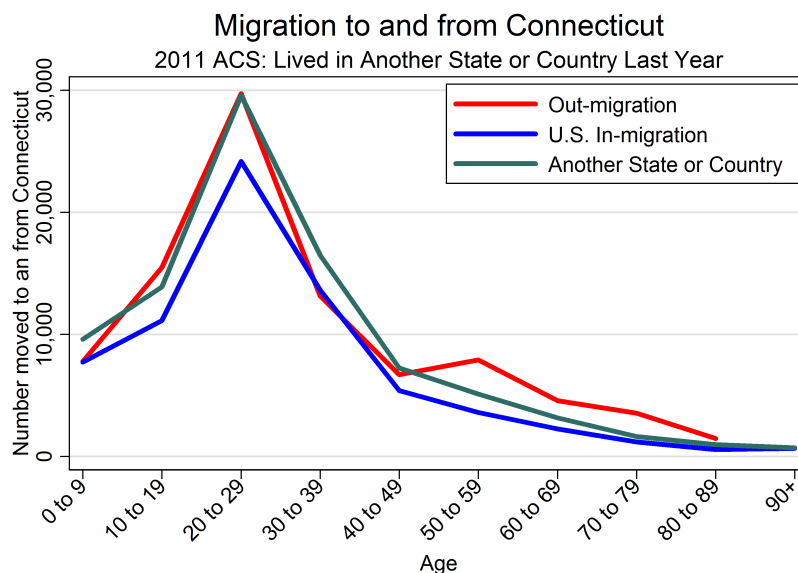
April 1, 2010 to July 1, 2012

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

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## Whose Recovery?

Employment Changes

Through April 2013

Education Level	U.S. In past year	Connecticut Since 2010
Less than High School	↓ 227, 000	↓ 3, 347
High School Graduates	↓ 315, 000	↓ 38, 325
Some College	↑ 555, 000	↓ 13, 488
College (B.A. or more)	↑ 1, 498, 000	↑ 41, 216



## Employment and Unemployment Rate by Education

	2009	2010	2011	2012	2013
<b>Total Population</b>					
Employed	1,772,249	1,730,116	1,718,308	1,734,227	1,707,990
Unemployment Rate	6.2	8.6	9.2	8.4	8.4
<b>Less than High School</b>					
Employed	135,047	110,427	102,085	103,913	104,881
Unemployment Rate	16.0	20.0	24.0	21.0	24.0
<b>High School Diploma or GED</b>					
Employed	493,848	462,297	462,344	465,282	421,836
Unemployment Rate	7.4	11.6	12.4	11.1	11.1
<b>Some College or Associates Degree</b>					
Employed	439,706	440,450	433,869	414,107	426,456
Unemployment Rate	6.3	8.2	9.4	9.1	8.9
<b>Bachelor's Degree or More</b>					
Employed	703,647	716,942	720,010	750,925	754,817
Unemployment Rate	3.2	4.8	4.3	4.1	3.9

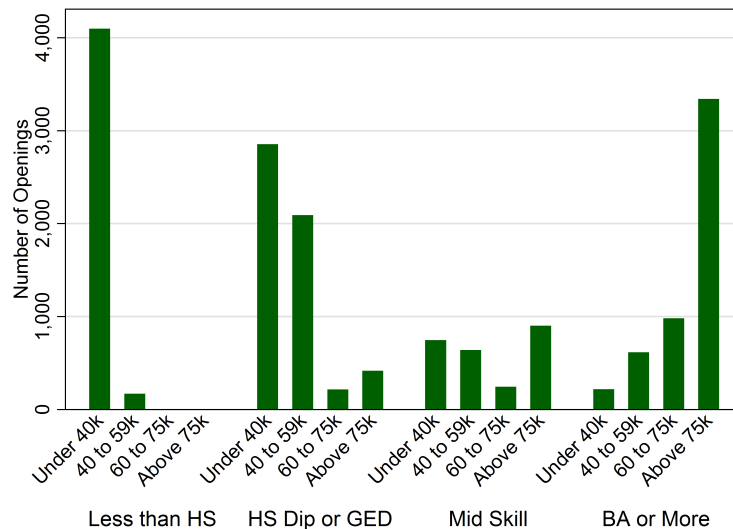
Data are for 12 months ending March.

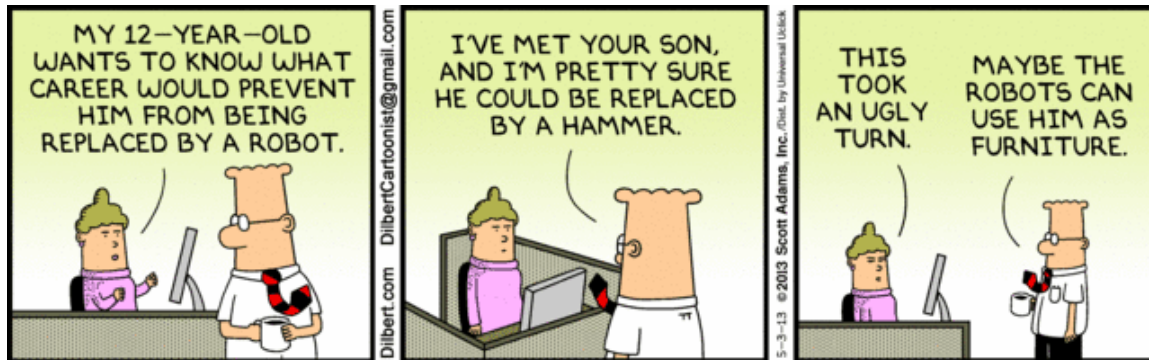
For example, 2013 column is average of the 12 months April 2012 through March 2013.

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## Average Annual Growth Openings By Average Annual Wage & Education Level





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