

Employ Young Americans Now An Example of Targeted Direct Government Job Creation

What do young people do now?
College and the supply side focus?
Demand side solutions
What jobs could young people do?

Introduction

Around 40 million young people live in America. This group, from age 16-24, are coming to age at an interesting time in the global economy. Today, this group consists of people who were 8-16 years old when the Great Recession hit in 2008. That recession hit young people hard, and the effects have made today's job market for young people a difficult one to enter. Excluding 16-18 year olds, 11.13% of today's youth have not finished high school. Near 40% are not attending school, 26.38% are in high school, 31.79% are in undergrad, and 1.89% are in graduate or professional school. Of the previous cohort who was young in 2008, 60% attended at least one year of college. Combined with the fact that 45%, or 1.26 trillion, of federal government assets is student loans, the outlook is not the best. Distributing these loans equally to the around 35 million 18-34 year olds with at least one year of college gives an average debt of over \$35,000 per student. This makes sense to do since most of the increase in student loans happened after the great recession. At the federally set interest rate of 5.6%, this means these students on average are paying an extra \$166 a month on top of other costs of living. With skyrocketing tuition costs, and no guarantee of a job after a college education, college does not seem to be a perfect solution. It leaves behind those who cannot afford the money or years away from family to attend, and fails to have proper links to job markets. Students can wander lost for four years without any connection to the economy, which while beneficial in its own right, leaves job prospects bleak.

A better solution than pushing college would be to create jobs for young people. Demand side solutions means we can create jobs catered to the employees looking, rather than hoping students decide to train themselves in high demand job markets. As Hyman Minsky said, "It has never been shown that a thorough program of job creation, taking people as they are, will not, by itself, eliminate a large part of the poverty that exists" (Minsky Jobs 1). Combined with his view that poverty in America is largely linked to unemployment, fixing youth poverty may be as simple as creating jobs for youth as they are, not as the market wants them to be. This is consistent with Pavlina Tcherneva's view of Keynesian employment policy, one where policy targets job creation for the unemployed rather than aggregate or general growth. While this is a good general strategy, concrete policy proposals are necessary. Senator Bernie Sander's bill "Employ Young Americans Now" is given as an example of such targeted employment policy. The paper starts with reviewing the literature of other supply, demand, and linkage solutions to youth unemployment proposed by other researchers.

The State of American Youth

Youth for the purposes of this paper consists of current 16-24 year olds in the 2014 ACS. Of this group of nearly 40 million people, 49.5% are employed, 8.9% are formally unemployed, and the remaining 41.6% are not in the labor force. 75% of those not employed are attending school, but the remaining 5.25 million young people are no longer involved with the formal system. 22.5% of this group did not complete high school, and the majority (60%) did not attend college afterwards. This cohort of just over 4 million youth have few options available to them. To understand what options they have, first we will take a look at what the 20 million employed youth are doing. 25% of them are no longer in school, 78% of which completed high school or more. The other 15 million who are employed are also in school. The jobs that the 6.5 million employed who do not have more than a high school education are doing consist of 7.5% cashiers, 5% chefs and cooks, with other food service, manual labor, and cleaning/service jobs taking up the other highest employed sectors (see figure X). These are the types of jobs that the 5.25 million who did not complete more than high school and are no longer in school could be doing, if only there were more of them available. Some would argue that creating more of these low income jobs is only setting up youth for a lifetime stuck in such jobs, with no upward mobility. They would say that these young people should go to college and get better jobs. College however, with its increasingly high costs and no direct guarantees, is also a problematic solution to push heavily to our youth.

“According to the College Board, the average cost of tuition and fees for the 2015–2016 school year was \$32,405 at private colleges, \$9,410 for state residents at public colleges, and \$23,893 for out-of-state residents attending public universities.” College tuition has increased dramatically, while at the same time the loan amounts that the Federal Government is able to guarantee have gone up dramatically as well. Today independent students can maximize their debt at \$57,500, \$23,000 of which can be subsidized. This is up from \$7,500 which could be subsidized in 1973-1980, and unsubsidized amounts only increased in 2008. This increasing maximum unsubsidized loan amount has helped drive Federal loans to students from \$200 billion in 2008 to over \$1 trillion today. This amount of debt should only be taken on if students have strong understandings of the job markets, and cater their education to a market they expect to be in high demand 4 years down the line. The top colleges which promote liberal educations and freedom of choice in major and classes often fail to help students understand which majors will be in high demand when they graduate (Deresiewicz). Waiters, waitresses, cashiers, and childcare workers still make up over 4% of the employed college graduated youth job market, jobs which are at the top of youth employment of non college graduates as well. Nurses and elementary/middle school teachers take the top two current jobs for college graduate youth. These are jobs which provide the public services of education and health. Since the sectors where young people are employed the most today consist of public services and construction/beautification, using the government to expand these sectors would be a way to expand job opportunities for today's youth.

Aggregate Stafford Loan Limits

The following table lists historical aggregate Stafford loan limits.

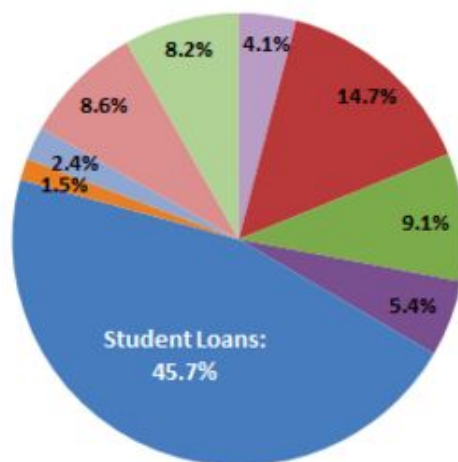
Year	Undergraduate	Graduate + Undergraduate
10/1/1992 to the present	\$23,000	\$65,500
1/1/1987 to 9/30/1992	\$17,250	\$54,750
1/1/1981 to 12/31/1986	\$12,500	\$25,000
5/20/1977 to 12/31/1980	\$7,500	\$15,000
6/1/1973 to 5/19/1977	\$7,500	\$10,000
7/2/1967 to 5/31/1973	\$9,000	\$9,000

Aggregate Stafford Loan Limits

The following table lists historical aggregate Stafford loan limits.

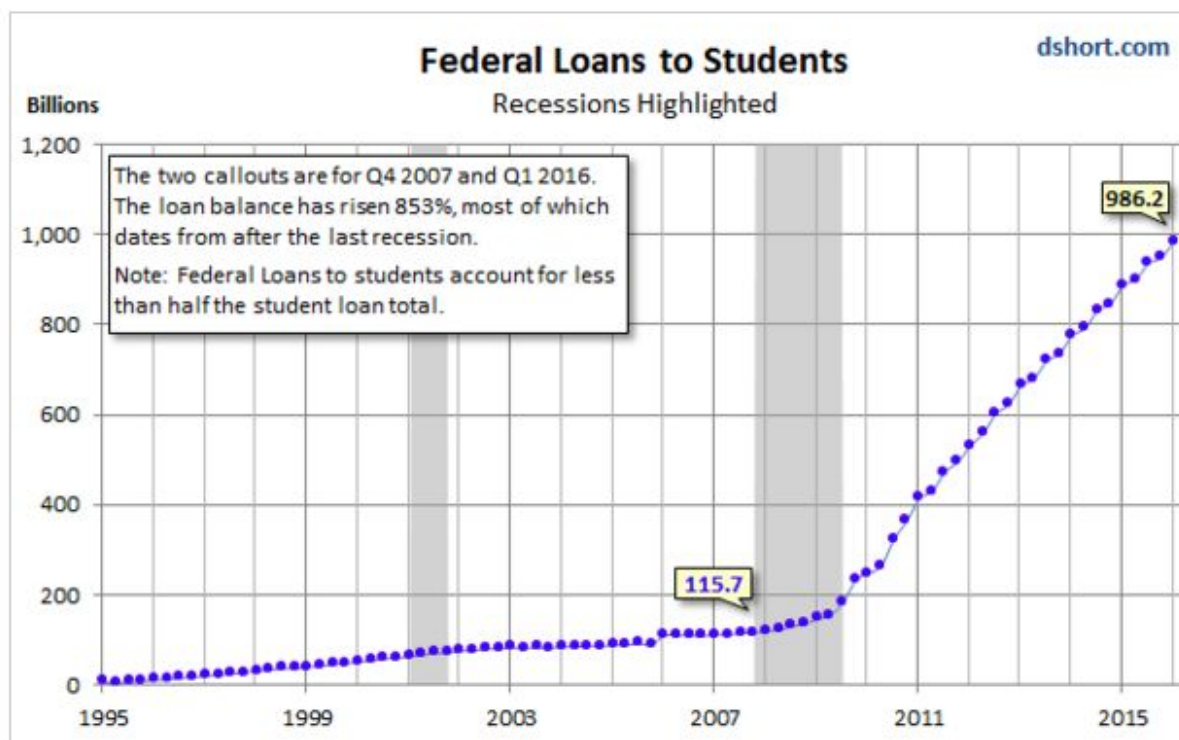
Year	Undergraduate	Graduate + Undergraduate
10/1/1992 to the present	\$23,000	\$65,500
1/1/1987 to 9/30/1992	\$17,250	\$54,750
1/1/1981 to 12/31/1986	\$12,500	\$25,000
5/20/1977 to 12/31/1980	\$7,500	\$15,000
6/1/1973 to 5/19/1977	\$7,500	\$10,000
7/2/1967 to 5/31/1973	\$9,000	\$9,000

Federal Government Total Financial Assets



- U.S. Official Reserve Assets: 4.1%
- Checkable Deposits and Currency: 14.7%
- Other Loans and Advances: 9.1%
- Total Mortgages: 5.4%
- Student Loans: 45.7%
- Corporate Equities: 1.5%
- Trade Receivables: 2.4%
- Taxes Receivable: 8.6%
- Total Miscellaneous Assets: 8.2%

Source: Financial Accounts of the United States for Q1 2016



```
. tab gradeatt if youth [fweight=newperwt]
```

Grade level attending [general version]	Freq.	Percent	Cum.
N/A	15,864,480	39.80	39.80
Grade 5 to grade 8	54,395	0.14	39.94
Grade 9 to grade 12	10,513,486	26.38	66.32
College undergraduate	12,669,571	31.79	98.11
Graduate or professional school	753,901	1.89	100.00
Total	39,855,833	100.00	

```
. tab occ2010 if youth & empstat == 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt]
```

Figure X

```
. tab occ2010 if youth & empstat == 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt], sort
```

Occupation, 2010 basis	Freq.	Percent	Cum.
Cashiers	483,742	7.45	7.45
Chefs and Cooks	324,265	4.99	12.44
Laborers and Freight, Stock, and Materi	276,653	4.26	16.70
Waiters and Waitresses	273,790	4.22	20.92
Retail Salespersons	254,731	3.92	24.84
Stock Clerks and Order Fillers	207,048	3.19	28.03
Customer Service Representatives	177,502	2.73	30.77
Construction Laborers	162,104	2.50	33.26
Janitors and Building Cleaners	152,442	2.35	35.61
Grounds Maintenance Workers	132,184	2.04	37.65
Food Preparation Workers	127,779	1.97	39.61
Driver/Sales Workers and Truck Drivers	125,052	1.93	41.54
First-Line Supervisors of Sales Workers	116,692	1.80	43.34
Nursing, Psychiatric, and Home Health A	111,849	1.72	45.06
Other production workers including semi	107,092	1.65	46.71
Agricultural workers, nec	95,031	1.46	48.17
Assemblers and Fabricators, nec	92,142	1.42	49.59
Childcare Workers	80,189	1.23	50.83
Maids and Housekeeping Cleaners	75,075	1.16	51.98
Receptionists and Information Clerks	71,571	1.10	53.08
Automotive Service Technicians and Mech	65,515	1.01	54.09
Combined Food Preparation and Serving W	64,407	0.99	55.09
Personal Care Aides	63,293	0.97	56.06

```
. tab gradeatt if youth & empstat != 1 [fweight=newperwt]
```

Grade level attending [general version]	Freq.	Percent	Cum.
N/A	5,252,545	26.11	26.11
Grade 5 to grade 8	47,245	0.23	26.34
Grade 9 to grade 12	8,343,716	41.48	67.82
College undergraduate	6,163,134	30.64	98.46
Graduate or professional school	310,455	1.54	100.00
Total	20,117,095	100.00	

```
. tab educ if youth & empstat != 1 & gradeatt == 0 [fweight=newperwt]
```

Educational attainment [general version]	Freq.	Percent	Cum.
N/A or no schooling	97,843	1.86	1.86
Nursery school to grade 4	21,866	0.42	2.28
Grade 5, 6, 7, or 8	143,662	2.74	5.01
Grade 9	198,301	3.78	8.79
Grade 10	311,859	5.94	14.73
Grade 11	407,395	7.76	22.48
Grade 12	3,156,877	60.10	82.58
1 year of college	562,004	10.70	93.28
2 years of college	108,952	2.07	95.36
4 years of college	227,458	4.33	99.69
5+ years of college	16,328	0.31	100.00
Total	5,252,545	100.00	

```
. bysort empstat: tab gradeatt if youth [fweight=newperwt]
```

```
-> empstat = N/A  
no observations
```

```
-> empstat = Employed
```

Grade level attending [general version]	Freq.	Percent	Cum.
N/A	10,611,935	53.76	53.76
Grade 5 to grade 8	7,150	0.04	53.80
Grade 9 to grade 12	2,169,770	10.99	64.79
College undergraduate	6,506,437	32.96	97.75
Graduate or professional school	443,446	2.25	100.00
Total	19,738,738	100.00	

```
. tab empstat if youth & gradeatt == 0 & educ >= 9 [fweight=newperwt]
```

Employment status [general version]	Freq.	Percent	Cum.
Employed	1,692,249	87.41	87.41
Unemployed	115,142	5.95	93.36
Not in labor force	128,644	6.64	100.00
Total	1,936,035	100.00	

```
. tab occ2010 if youth & empstat == 1 & gradeatt == 0 & educ >= 9 [fweight=newperwt], sort
```

Occupation, 2010 basis	Freq.	Percent	Cum.
Elementary and Middle School Teachers	93,545	5.53	5.53
Registered Nurses	61,427	3.63	9.16
Accountants and Auditors	56,447	3.34	12.49
Retail Salespersons	55,273	3.27	15.76
Customer Service Representatives	50,135	2.96	18.72
First-Line Supervisors of Sales Workers	38,770	2.29	21.01
Waiters and Waitresses	36,258	2.14	23.16
Secretaries and Administrative Assistan	35,159	2.08	25.23
Computer Scientists and Systems Analyst	33,773	2.00	27.23
Software Developers, Applications and S	30,705	1.81	29.04
Managers, nec (including Postmasters)	30,200	1.78	30.83
Secondary School Teachers	27,778	1.64	32.47
Designers	27,049	1.60	34.07
Cashiers	26,058	1.54	35.61
Social Workers	24,871	1.47	37.08
Managers in Marketing, Advertising, and	24,464	1.45	38.52
Human Resources, Training, and Labor Re	23,377	1.38	39.90
Other Teachers and Instructors	21,353	1.26	41.17
Childcare Workers	19,899	1.18	42.34
Other Business Operations and Managemen	19,471	1.15	43.49
Receptionists and Information Clerks	18,925	1.12	44.61
Sales Representatives, Wholesale and Ma	18,503	1.09	45.70
Management Analysts	17,548	1.04	46.74
Office and administrative support worke	15,921	0.94	47.68

```
. tab gradeatt if youth & empstat == 1 [fweight=newperwt]
```

Grade level attending [general version]	Freq.	Percent	Cum.
N/A	10,611,935	53.76	53.76
Grade 5 to grade 8	7,150	0.04	53.80
Grade 9 to grade 12	2,169,770	10.99	64.79
College undergraduate	6,506,437	32.96	97.75
Graduate or professional school	443,446	2.25	100.00
Total	19,738,738	100.00	

```
. tab educ if youth & empstat == 1 & gradeatt == 0 [fweight=newperwt]
```

Educational attainment [general version]	Freq.	Percent	Cum.
N/A or no schooling	62,382	0.59	0.59
Nursery school to grade 4	21,351	0.20	0.79
Grade 5, 6, 7, or 8	168,596	1.59	2.38
Grade 9	127,053	1.20	3.58
Grade 10	180,430	1.70	5.28
Grade 11	310,207	2.92	8.20
Grade 12	5,623,244	52.99	61.19
1 year of college	1,841,008	17.35	78.54
2 years of college	585,415	5.52	84.05
4 years of college	1,588,312	14.97	99.02
5+ years of college	103,937	0.98	100.00
Total	10,611,935	100.00	


```
. bysort empstat: tab educ if youth [fweight=newperwt]
```

```
-> empstat = N/A  
no observations
```

```
-> empstat = Employed
```

Educational attainment [general version]	Freq.	Percent	Cum.
N/A or no schooling	62,382	0.32	0.32
Nursery school to grade 4	21,351	0.11	0.42
Grade 5, 6, 7, or 8	187,805	0.95	1.38
Grade 9	235,085	1.19	2.57
Grade 10	702,932	3.56	6.13
Grade 11	1,387,637	7.03	13.16
Grade 12	7,801,726	39.52	52.68
1 year of college	5,710,207	28.93	81.61
2 years of college	1,170,750	5.93	87.54
4 years of college	2,288,764	11.60	99.14
5+ years of college	170,099	0.86	100.00
Total	19,738,738	100.00	

```
. tab empstat if youth [fweight=newperwt]
```

Employment status [general version]	Freq.	Percent	Cum.
Employed	19,738,738	49.53	49.53
Unemployed	3,531,098	8.86	58.39
Not in labor force	16,585,997	41.61	100.00
Total	39,855,833	100.00	

. tab empstatd if youth & gradeatt == 0 [fweight=newperwt]

Employment status [detailed version]	Freq.	Percent	Cum.
At work	10,090,805	63.61	63.61
Has job, not working	197,205	1.24	64.85
Armed forces--at work	320,978	2.02	66.87
Armed forces--not at work but with job	2,947	0.02	66.89
Unemployed	1,879,693	11.85	78.74
Not in Labor Force	3,372,852	21.26	100.00
Total	15,864,480	100.00	

. tab empstatd if youth & gradeatt == 5 [fweight=newperwt]

Employment status [detailed version]	Freq.	Percent	Cum.
At work	2,101,594	19.99	19.99
Has job, not working	61,701	0.59	20.58
Armed forces--at work	6,475	0.06	20.64
Unemployed	701,206	6.67	27.31
Not in Labor Force	7,642,510	72.69	100.00
Total	10,513,486	100.00	

. tab empstatd if youth & gradeatt == 6 [fweight=newperwt]

Employment status [detailed version]	Freq.	Percent	Cum.
At work	6,240,646	49.26	49.26
Has job, not working	209,068	1.65	50.91
Armed forces--at work	55,922	0.44	51.35
Armed forces--not at work but with job	801	0.01	51.35
Unemployed	912,460	7.20	58.56
Not in Labor Force	5,250,674	41.44	100.00
Total	12,669,571	100.00	

. tab educ if age >= 25 & age <= 32 [fweight=newperwt]

Educational attainment [general version]	Freq.	Percent	Cum.
N/A or no schooling	264,446	0.76	0.76
Nursery school to grade 4	126,335	0.36	1.12
Grade 5, 6, 7, or 8	765,827	2.20	3.32
Grade 9	534,376	1.53	4.85
Grade 10	573,957	1.65	6.50
Grade 11	819,205	2.35	8.85
Grade 12	10,993,892	31.55	40.40
1 year of college	6,113,379	17.54	57.94
2 years of college	3,061,655	8.79	66.73
4 years of college	8,246,282	23.66	90.39
5+ years of college	3,349,015	9.61	100.00
Total	34,848,369	100.00	

. tab educ if youth [fweight=newperwt]

Educational attainment [general version]	Freq.	Percent	Cum.
N/A or no schooling	160,225	0.40	0.40
Nursery school to grade 4	43,217	0.11	0.51
Grade 5, 6, 7, or 8	567,779	1.42	1.94
Grade 9	1,705,034	4.28	6.21
Grade 10	3,913,652	9.82	16.03
Grade 11	5,036,186	12.64	28.67
Grade 12	14,038,110	35.22	63.89
1 year of college	9,582,389	24.04	87.93
2 years of college	1,609,603	4.04	91.97
4 years of college	2,962,667	7.43	99.41
5+ years of college	236,971	0.59	100.00
Total	39,855,833	100.00	

```
. tab finccut if youth & empstat == 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt]
```

finccut	Freq.	Percent	Cum.
0	187,280	2.97	2.97
1	292,104	4.64	7.61
2	1,320,156	20.95	28.56
3	1,625,615	25.80	54.37
4	1,742,474	27.66	82.02
5	1,060,585	16.83	98.86
6	71,951	1.14	100.00
Total	6,300,165	100.00	

```
. tab finccut if youth & empstat != 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt]
```

finccut	Freq.	Percent	Cum.
0	592,265	14.89	14.89
1	290,166	7.30	22.19
2	793,347	19.95	42.14
3	965,811	24.29	66.43
4	887,052	22.31	88.74
5	410,463	10.32	99.06
6	37,205	0.94	100.00
Total	3,976,309	100.00	

```
. tab inccut if youth & empstat == 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt]
```

inccut	Freq.	Percent	Cum.
0	991,214	15.27	15.27
1	1,079,623	16.63	31.90
2	3,061,283	47.15	79.05
3	1,194,810	18.40	97.45
4	149,295	2.30	99.75
5	13,985	0.22	99.96
6	2,334	0.04	100.00
Total	6,492,544	100.00	

```
. tab inccut if youth & empstat != 1 & gradeatt == 0 & educ <= 6 [fweight=newperwt]
```

inccut	Freq.	Percent	Cum.
0	3,298,075	76.04	76.04
1	609,940	14.06	90.10
2	355,416	8.19	98.29
3	59,385	1.37	99.66
4	12,582	0.29	99.95
5	1,214	0.03	99.98
6	853	0.02	100.00
Total	4,337,465	100.00	

```
tab occ2010 if age >= 16 & age <= 24 [fweight=newperwt]
```

Occupation, 2010 basis	Freq.	Percent	Cum.
-----+-----			
Chief executives and legislators/public	7,064	0.02	0.02
General and Operations Managers	30,045	0.08	0.09
Managers in Marketing, Advertising, and	58,177	0.15	0.24
Administrative Services Managers	3,789	0.01	0.25
Computer and Information Systems Manage	10,509	0.03	0.27
Financial Managers	39,637	0.10	0.37
Human Resources Managers	23,663	0.06	0.43
Industrial Production Managers	4,283	0.01	0.44
Purchasing Managers	4,598	0.01	0.46
Transportation, Storage, and Distributi	13,185	0.03	0.49
Farmers, Ranchers, and Other Agricultur	39,972	0.10	0.59
Constructions Managers	18,070	0.05	0.63
Education Administrators	37,116	0.09	0.73

Architectural and Engineering Managers	580	0.00	0.73
Food Service and Lodging Managers	185,255	0.46	1.19
Gaming Managers	2,605	0.01	1.20
Medical and Health Services Managers	10,274	0.03	1.23
Natural Science Managers	1,274	0.00	1.23
Property, Real Estate, and Community As	24,674	0.06	1.29
Social and Community Service Managers	15,300	0.04	1.33
Managers, nec (including Postmasters)	142,110	0.36	1.69
Agents and Business Managers of Artists	6,399	0.02	1.70
Buyers and Purchasing Agents, Farm Prod	1,131	0.00	1.71
Wholesale and Retail Buyers, Except Far	24,009	0.06	1.77
Purchasing Agents, Except Wholesale, Re	9,274	0.02	1.79
Claims Adjusters, Appraisers, Examiners	12,667	0.03	1.82
Compliance Officers, Except Agriculture	8,111	0.02	1.84
Cost Estimators	6,042	0.02	1.86
Human Resources, Training, and Labor Re	73,674	0.18	2.04
Logisticians	9,426	0.02	2.06
Management Analysts	37,659	0.09	2.16
Meeting and Convention Planners	44,484	0.11	2.27
Other Business Operations and Managemen	56,772	0.14	2.41
Accountants and Auditors	110,710	0.28	2.69
Appraisers and Assessors of Real Estate	1,356	0.00	2.69
Budget Analysts	2,182	0.01	2.70
Credit Analysts	1,926	0.00	2.70
Financial Analysts	20,965	0.05	2.76
Personal Financial Advisors	21,331	0.05	2.81
Insurance Underwriters	5,526	0.01	2.82
Financial Examiners	524	0.00	2.83
Credit Counselors and Loan Officers	15,797	0.04	2.87
Tax Examiners and Collectors, and Reven	1,892	0.00	2.87
Tax Preparers	7,958	0.02	2.89
Financial Specialists, nec	3,806	0.01	2.90
Computer Scientists and Systems Analyst	112,107	0.28	3.18
Computer Programmers	37,225	0.09	3.27
Software Developers, Applications and S	67,315	0.17	3.44
Computer Support Specialists	70,890	0.18	3.62
Database Administrators	8,241	0.02	3.64
Network and Computer Systems Administra	10,787	0.03	3.67
Actuaries	1,566	0.00	3.67
Operations Research Analysts	3,488	0.01	3.68
Mathematical science occupations, nec	3,350	0.01	3.69
Architects, Except Naval	6,455	0.02	3.71
Surveyors, Cartographers, and Photogram	3,501	0.01	3.72

Aerospace Engineers	8,078	0.02	3.74
Chemical Engineers	5,698	0.01	3.75
Civil Engineers	27,213	0.07	3.82
Computer Hardware Engineers	3,591	0.01	3.83
Electrical and Electronics Engineers	11,218	0.03	3.86
Environmental Engineers	504	0.00	3.86
Industrial Engineers, including Health	10,405	0.03	3.88
Marine Engineers and Naval Architects	1,087	0.00	3.89
Materials Engineers	2,442	0.01	3.89
Mechanical Engineers	21,152	0.05	3.94
Petroleum, mining and geological engine	2,752	0.01	3.95
Engineers, nec	31,519	0.08	4.03
Drafters	17,157	0.04	4.07
Engineering Technicians, Except Drafter	52,590	0.13	4.21
Surveying and Mapping Technicians	9,837	0.02	4.23
Agricultural and Food Scientists	1,346	0.00	4.23
Biological Scientists	4,429	0.01	4.24
Conservation Scientists and Foresters	820	0.00	4.25
Medical Scientists, and Life Scientists	4,452	0.01	4.26
Astronomers and Physicists	759	0.00	4.26
Atmospheric and Space Scientists	831	0.00	4.26
Chemists and Materials Scientists	3,674	0.01	4.27
Environmental Scientists and Geosciences	3,240	0.01	4.28
Physical Scientists, nec	14,164	0.04	4.31
Economists and market researchers	724	0.00	4.32
Psychologists	1,417	0.00	4.32
Urban and Regional Planners	582	0.00	4.32
Social Scientists, nec	7,742	0.02	4.34
Agricultural and Food Science Technicians	6,975	0.02	4.36
Biological Technicians	5,030	0.01	4.37
Chemical Technicians	8,961	0.02	4.39
Geological and Petroleum Technicians, a	1,885	0.00	4.40
Life, Physical, and Social Science Technicians	94,270	0.24	4.63
Counselors	96,181	0.24	4.88
Social Workers	69,703	0.17	5.05
Community and Social Service Specialists	14,864	0.04	5.09
Clergy	16,338	0.04	5.13
Directors, Religious Activities and Education	5,491	0.01	5.14
Religious Workers, nec	17,680	0.04	5.19
Lawyers, and judges, magistrates, and other	4,416	0.01	5.20
Paralegals and Legal Assistants	41,174	0.10	5.30
Legal Support Workers, nec	11,747	0.03	5.33
Postsecondary Teachers	178,397	0.45	5.78

Preschool and Kindergarten Teachers	99,705	0.25	6.03
Elementary and Middle School Teachers	173,039	0.43	6.46
Secondary School Teachers	52,902	0.13	6.60
Special Education Teachers	14,295	0.04	6.63
Other Teachers and Instructors	297,473	0.75	7.38
Archivists, Curators, and Museum Techni	6,327	0.02	7.39
Librarians	11,823	0.03	7.42
Library Technicians	22,993	0.06	7.48
Teacher Assistants	192,227	0.48	7.96
Education, Training, and Library Worker	17,234	0.04	8.01
Artists and Related Workers	14,161	0.04	8.04
Designers	88,516	0.22	8.26
Actors, Producers, and Directors	31,894	0.08	8.34
Athletes, Coaches, Umpires, and Related	200,838	0.50	8.85
Dancers and Choreographers	11,772	0.03	8.88
Musicians, Singers, and Related Workers	34,561	0.09	8.96
Entertainers and Performers, Sports and	14,576	0.04	9.00
Announcers	8,079	0.02	9.02
Editors, News Analysts, Reporters, and	30,105	0.08	9.10
Public Relations Specialists	15,421	0.04	9.14
Technical Writers	2,585	0.01	9.14
Writers and Authors	22,642	0.06	9.20
Media and Communication Workers, nec	16,213	0.04	9.24
Broadcast and Sound Engineering Technic	22,024	0.06	9.30
Photographers	34,976	0.09	9.38
Television, Video, and Motion Picture C	13,328	0.03	9.42
Chiropractors	151	0.00	9.42
Dentists	192	0.00	9.42
Dieticians and Nutritionists	6,585	0.02	9.43
Pharmacists	15,467	0.04	9.47
Physicians and Surgeons	673	0.00	9.47
Physician Assistants	2,905	0.01	9.48
Registered Nurses	130,913	0.33	9.81
Audiologists	309	0.00	9.81
Occupational Therapists	2,992	0.01	9.82
Physical Therapists	8,986	0.02	9.84
Radiation Therapists	313	0.00	9.84
Recreational Therapists	775	0.00	9.84
Respiratory Therapists	4,078	0.01	9.85
Speech Language Pathologists	4,181	0.01	9.86
Therapists, nec	9,865	0.02	9.89
Health Diagnosing and Treating Practiti	848	0.00	9.89
Clinical Laboratory Technologists and T	36,142	0.09	9.98

Dental Hygienists	8,454	0.02	10.00
Diagnostic Related Technologists and Te	21,125	0.05	10.06
Emergency Medical Technicians and Param	39,498	0.10	10.16
Health Diagnosing and Treating Practiti	125,132	0.31	10.47
Licensed Practical and Licensed Vocatio	82,438	0.21	10.68
Medical Records and Health Information	14,238	0.04	10.71
Opticians, Dispensing	3,511	0.01	10.72
Health Technologists and Technicians, n	17,628	0.04	10.76
Healthcare Practitioners and Technical	11,293	0.03	10.79
Nursing, Psychiatric, and Home Health A	407,811	1.02	11.82
Occupational Therapy Assistants and Aid	2,097	0.01	11.82
Physical Therapist Assistants and Aides	19,213	0.05	11.87
Massage Therapists	16,940	0.04	11.91
Dental Assistants	56,626	0.14	12.05
Medical Assistants and Other Healthcare	185,336	0.47	12.52
First-Line Supervisors of Correctional	727	0.00	12.52
First-Line Supervisors of Police and De	723	0.00	12.52
First-Line Supervisors of Fire Fighting	373	0.00	12.52
Supervisors, Protective Service Workers	2,571	0.01	12.53
Firefighters	29,790	0.07	12.61
Fire Inspectors	858	0.00	12.61
Sheriffs, Bailiffs, Correctional Office	41,705	0.10	12.71
Police Officers and Detectives	62,848	0.16	12.87
Animal Control	1,776	0.00	12.87
Private Detectives and Investigators	3,955	0.01	12.88
Security Guards and Gaming Surveillance	200,175	0.50	13.39
Crossing Guards	6,698	0.02	13.40
Law enforcement workers, nec	301,235	0.76	14.16
Chefs and Cooks	1,033,903	2.59	16.75
First-Line Supervisors of Food Preparat	164,098	0.41	17.16
Food Preparation Workers	608,966	1.53	18.69
Bartenders	97,559	0.24	18.94
Combined Food Preparation and Serving W	260,051	0.65	19.59
Counter Attendant, Cafeteria, Food Conc	229,253	0.58	20.17
Waiters and Waitresses	1,412,942	3.55	23.71
Food Servers, Nonrestaurant	85,278	0.21	23.92
Food preparation and serving related wo	245,526	0.62	24.54
Dishwashers	215,815	0.54	25.08
Host and Hostesses, Restaurant, Lounge,	341,180	0.86	25.94
First-Line Supervisors of Housekeeping	10,438	0.03	25.96
First-Line Supervisors of Landscaping,	9,081	0.02	25.99
Janitors and Building Cleaners	510,050	1.28	27.27
Maids and Housekeeping Cleaners	190,591	0.48	27.74

Pest Control Workers	11,828	0.03	27.77
Grounds Maintenance Workers	469,173	1.18	28.95
First-Line Supervisors of Gaming Worker	1,254	0.00	28.95
First-Line Supervisors of Personal Serv	8,024	0.02	28.97
Animal Trainers	8,008	0.02	28.99
Nonfarm Animal Caretakers	95,870	0.24	29.24
Gaming Services Workers	15,267	0.04	29.27
Ushers, Lobby Attendants, and Ticket Ta	36,015	0.09	29.36
Entertainment Attendants and Related Wo	173,863	0.44	29.80
Funeral Service Workers and Embalmers	2,805	0.01	29.81
Barbers	9,527	0.02	29.83
Hairdressers, Hairstylists, and Cosmeto	122,260	0.31	30.14
Personal Appearance Workers, nec	32,581	0.08	30.22
Baggage Porters, Bellhops, and Concierng	18,460	0.05	30.27
Tour and Travel Guides	30,350	0.08	30.34
Childcare Workers	603,618	1.51	31.86
Personal Care Aides	215,461	0.54	32.40
Recreation and Fitness Workers	246,206	0.62	33.02
Residential Advisors	61,641	0.15	33.17
Personal Care and Service Workers, All	50,975	0.13	33.30
First-Line Supervisors of Sales Workers	385,648	0.97	34.27
Cashiers	2,434,833	6.11	40.37
Counter and Rental Clerks	36,058	0.09	40.46
Parts Salespersons	19,888	0.05	40.51
Retail Salespersons	1,470,427	3.69	44.20
Advertising Sales Agents	24,226	0.06	44.26
Insurance Sales Agents	36,687	0.09	44.36
Securities, Commodities, and Financial	19,414	0.05	44.41
Travel Agents	1,896	0.00	44.41
Sales Representatives, Services, All Ot	84,434	0.21	44.62
Sales Representatives, Wholesale and Ma	92,705	0.23	44.85
Models, Demonstrators, and Product Prom	28,229	0.07	44.93
Real Estate Brokers and Sales Agents	32,436	0.08	45.01
Sales Engineers	473	0.00	45.01
Telemarketers	42,171	0.11	45.11
Door-to-Door Sales Workers, News and St	31,878	0.08	45.19
Sales and Related Workers, All Other	49,606	0.12	45.32
First-Line Supervisors of Office and Ad	56,321	0.14	45.46
Switchboard Operators, Including Answer	3,237	0.01	45.47
Telephone Operators	9,230	0.02	45.49
Communications Equipment Operators, All	3,366	0.01	45.50
Bill and Account Collectors	26,751	0.07	45.57
Billing and Posting Clerks	34,116	0.09	45.65

Bookkeeping, Accounting, and Auditing C	76,566	0.19	45.84
Gaming Cage Workers	2,006	0.01	45.85
Payroll and Timekeeping Clerks	7,517	0.02	45.87
Procurement Clerks	1,195	0.00	45.87
Bank Tellers	127,467	0.32	46.19
Financial Clerks, nec	15,308	0.04	46.23
Brokerage Clerks	839	0.00	46.23
Court, Municipal, and License Clerks	3,111	0.01	46.24
Credit Authorizers, Checkers, and Clerk	5,760	0.01	46.25
Customer Service Representatives	834,636	2.09	48.35
Eligibility Interviewers, Government Pr	2,328	0.01	48.35
File Clerks	117,889	0.30	48.65
Hotel, Motel, and Resort Desk Clerks	56,582	0.14	48.79
Interviewers, Except Eligibility and Lo	30,802	0.08	48.87
Library Assistants, Clerical	40,243	0.10	48.97
Loan Interviewers and Clerks	8,329	0.02	48.99
New Account Clerks	1,041	0.00	48.99
Correspondent clerks and order clerks	26,600	0.07	49.06
Human Resources Assistants, Except Payr	8,070	0.02	49.08
Receptionists and Information Clerks	379,054	0.95	50.03
Reservation and Transportation Ticket A	20,488	0.05	50.08
Information and Record Clerks, All Othe	13,555	0.03	50.12
Cargo and Freight Agents	4,915	0.01	50.13
Couriers and Messengers	31,771	0.08	50.21
Dispatchers	34,142	0.09	50.29
Meter Readers, Utilities	4,792	0.01	50.31
Postal Service Clerks	3,291	0.01	50.31
Postal Service Mail Carriers	8,892	0.02	50.34
Postal Service Mail Sorters, Processors	4,203	0.01	50.35
Production, Planning, and Expediting CI	35,348	0.09	50.44
Shipping, Receiving, and Traffic Clerks	112,498	0.28	50.72
Stock Clerks and Order Fillers	714,491	1.79	52.51
Weighers, Measurers, Checkers, and Samp	12,263	0.03	52.54
Secretaries and Administrative Assistan	340,478	0.85	53.40
Computer Operators	11,471	0.03	53.43
Data Entry Keyers	79,532	0.20	53.62
Word Processors and Typists	70,200	0.18	53.80
Insurance Claims and Policy Processing	37,181	0.09	53.89
Mail Clerks and Mail Machine Operators,	19,246	0.05	53.94
Office Clerks, General	305,577	0.77	54.71
Office Machine Operators, Except Comput	10,515	0.03	54.74
Proofreaders and Copy Markers	2,452	0.01	54.74
Statistical Assistants	3,249	0.01	54.75

Office and administrative support worke	74,777	0.19	54.94
First-Line Supervisors of Farming, Fish	2,277	0.01	54.94
Agricultural Inspectors	1,422	0.00	54.95
Graders and Sorters, Agricultural Produ	15,915	0.04	54.99
Agricultural workers, nec	301,235	0.76	55.74
Fishing and hunting workers	8,832	0.02	55.76
Forest and Conservation Workers	7,271	0.02	55.78
Logging Workers	11,553	0.03	55.81
First-Line Supervisors of Construction	24,763	0.06	55.87
Boilermakers	679	0.00	55.88
Brickmasons, Blockmasons, and Stonemaso	13,317	0.03	55.91
Carpenters	123,558	0.31	56.22
Carpet, Floor, and Tile Installers and	24,480	0.06	56.28
Cement Masons, Concrete Finishers, and	4,705	0.01	56.29
Construction Laborers	381,710	0.96	57.25
Paving, Surfacing, and Tamping Equipmen	1,880	0.00	57.25
Construction equipment operators except	25,514	0.06	57.32
Drywall Installers, Ceiling Tile Instal	17,264	0.04	57.36
Electricians	77,295	0.19	57.56
Glaziers	5,434	0.01	57.57
Insulation Workers	8,703	0.02	57.59
Painters, Construction and Maintenance	82,880	0.21	57.80
Pipelayers, Plumbers, Pipefitters, and	57,343	0.14	57.94
Plasterers and Stucco Masons	2,496	0.01	57.95
Roofers	43,767	0.11	58.06
Sheet Metal Workers, metal-working	15,176	0.04	58.10
Structural Iron and Steel Workers	7,176	0.02	58.12
Helpers, Construction Trades	23,135	0.06	58.17
Construction and Building Inspectors	5,142	0.01	58.19
Elevator Installers and Repairers	839	0.00	58.19
Fence Erectors	9,135	0.02	58.21
Hazardous Materials Removal Workers	4,065	0.01	58.22
Highway Maintenance Workers	13,385	0.03	58.26
Rail-Track Laying and Maintenance Equip	887	0.00	58.26
Construction workers, nec	10,410	0.03	58.28
Derrick, rotary drill, and service unit	7,492	0.02	58.30
Earth Drillers, Except Oil and Gas	3,191	0.01	58.31
Explosives Workers, Ordnance Handling E	7,256	0.02	58.33
Mining Machine Operators	6,650	0.02	58.35
Extraction workers, nec	20,074	0.05	58.40
First-Line Supervisors of Mechanics, In	7,269	0.02	58.41
Computer, Automated Teller, and Office	34,957	0.09	58.50
Radio and Telecommunications Equipment	16,953	0.04	58.54

Avionics Technicians	5,612	0.01	58.56
Electric Motor, Power Tool, and Related	3,977	0.01	58.57
Electrical and electronics repairers, t	6,069	0.02	58.58
Electronic Equipment Installers and Rep	2,294	0.01	58.59
Electronic Home Entertainment Equipment	5,834	0.01	58.60
Security and Fire Alarm Systems Install	8,716	0.02	58.63
Aircraft Mechanics and Service Technici	27,317	0.07	58.69
Automotive Body and Related Repairers	15,648	0.04	58.73
Automotive Glass Installers and Repaire	1,228	0.00	58.74
Automotive Service Technicians and Mech	137,600	0.35	59.08
Bus and Truck Mechanics and Diesel Engi	39,099	0.10	59.18
Heavy Vehicle and Mobile Equipment Serv	21,768	0.05	59.23
Small Engine Mechanics	5,428	0.01	59.25
Vehicle and Mobile Equipment Mechanics,	29,946	0.08	59.32
Control and Valve Installers and Repair	783	0.00	59.33
Heating, Air Conditioning, and Refriger	36,579	0.09	59.42
Home Appliance Repairers	3,465	0.01	59.43
Industrial and Refractory Machinery Mec	28,030	0.07	59.50
Maintenance and Repair Workers, General	51,918	0.13	59.63
Maintenance Workers, Machinery	3,319	0.01	59.63
Millwrights	2,183	0.01	59.64
Electrical Power-Line Installers and Re	10,036	0.03	59.67
Telecommunications Line Installers and	18,421	0.05	59.71
Precision Instrument and Equipment Repa	5,108	0.01	59.72
Coin, Vending, and Amusement Machine Se	4,456	0.01	59.74
Locksmiths and Safe Repairers	2,354	0.01	59.74
Riggers	4,315	0.01	59.75
Helpers--Installation, Maintenance, and	11,279	0.03	59.78
Other Installation, Maintenance, and Re	33,353	0.08	59.86
First-Line Supervisors of Production an	35,410	0.09	59.95
Aircraft Structure, Surfaces, Rigging,	536	0.00	59.95
Electrical, Electronics, and Electromec	17,331	0.04	60.00
Engine and Other Machine Assemblers	2,600	0.01	60.00
Structural Metal Fabricators and Fitter	2,581	0.01	60.01
Assemblers and Fabricators, nec	200,808	0.50	60.51
Bakers	66,746	0.17	60.68
Butchers and Other Meat, Poultry, and F	49,202	0.12	60.81
Food and Tobacco Roasting, Baking, and	1,892	0.00	60.81
Food Batchmakers	23,604	0.06	60.87
Food Cooking Machine Operators and Tend	2,972	0.01	60.88
Food Processing, nec	21,211	0.05	60.93
Computer Control Programmers and Operat	7,246	0.02	60.95
Extruding and Drawing Machine Setters,	1,749	0.00	60.95

Forging Machine Setters, Operators, and	816	0.00	60.95
Rolling Machine Setters, Operators, and	818	0.00	60.96
Cutting, Punching, and Press Machine Se	27,026	0.07	61.02
Machinists	33,603	0.08	61.11
Metal Furnace Operators, Tenders, Pour	4,014	0.01	61.12
Molders and Molding Machine Setters, Op	6,120	0.02	61.13
Tool and Die Makers	3,043	0.01	61.14
Welding, Soldering, and Brazing Workers	94,705	0.24	61.38
Metal workers and plastic workers, nec	56,869	0.14	61.52
Bookbinders, Printing Machine Operators	22,864	0.06	61.58
Prepress Technicians and Workers	6,899	0.02	61.60
Laundry and Dry-Cleaning Workers	31,190	0.08	61.68
Pressers, Textile, Garment, and Related	4,548	0.01	61.69
Sewing Machine Operators	17,238	0.04	61.73
Shoe and Leather Workers and Repairers	1,283	0.00	61.73
Tailors, Dressmakers, and Sewers	4,576	0.01	61.74
Textile bleaching and dyeing, and cutti	1,770	0.00	61.75
Textile Knitting and Weaving Machine Se	527	0.00	61.75
Textile Winding, Twisting, and Drawing	2,454	0.01	61.76
Upholsterers	2,459	0.01	61.76
Textile, Apparel, and Furnishings worke	2,817	0.01	61.77
Cabinetmakers and Bench Carpenters	6,739	0.02	61.79
Furniture Finishers	2,401	0.01	61.79
Sawing Machine Setters, Operators, and	7,395	0.02	61.81
Woodworking Machine Setters, Operators,	5,445	0.01	61.82
Woodworkers including model makers and	2,892	0.01	61.83
Power Plant Operators, Distributors, an	1,549	0.00	61.84
Stationary Engineers and Boiler Operato	6,193	0.02	61.85
Water Wastewater Treatment Plant and Sy	4,184	0.01	61.86
Plant and System Operators, nec	2,306	0.01	61.87
Chemical Processing Machine Setters, Op	5,240	0.01	61.88
Crushing, Grinding, Polishing, Mixing,	15,708	0.04	61.92
Cutting Workers	15,851	0.04	61.96
Extruding, Forming, Pressing, and Compa	4,011	0.01	61.97
Furnace, Kiln, Oven, Drier, and Kettle	932	0.00	61.97
Inspectors, Testers, Sorters, Samplers,	109,922	0.28	62.25
Jewelers and Precious Stone and Metal W	3,127	0.01	62.26
Medical, Dental, and Ophthalmic Laborat	7,891	0.02	62.28
Packaging and Filling Machine Operators	61,005	0.15	62.43
Painting Workers and Dyers	23,601	0.06	62.49
Photographic Process Workers and Proces	7,795	0.02	62.51
Adhesive Bonding Machine Operators and	1,297	0.00	62.51
Etchers, Engravers, and Lithographers	518	0.00	62.51

Molders, Shapers, and Casters, Except M	4,821	0.01	62.52
Paper Goods Machine Setters, Operators,	5,558	0.01	62.54
Tire Builders	1,300	0.00	62.54
Helpers--Production Workers	24,730	0.06	62.60
Other production workers including semi	214,853	0.54	63.14
Supervisors of Transportation and Mater	13,726	0.03	63.18
Aircraft Pilots and Flight Engineers	4,948	0.01	63.19
Air Traffic Controllers and Airfield Op	4,669	0.01	63.20
Flight Attendants and Transportation Wo	7,498	0.02	63.22
Bus and Ambulance Drivers and Attendant	17,064	0.04	63.26
Driver/Sales Workers and Truck Drivers	322,535	0.81	64.07
Taxi Drivers and Chauffeurs	22,164	0.06	64.13
Motor Vehicle Operators, All Other	5,718	0.01	64.14
Locomotive Engineers and Operators	1,683	0.00	64.15
Railroad Conductors and Yardmasters	2,384	0.01	64.15
Subway, Streetcar, and Other Rail Trans	2,094	0.01	64.16
Sailors and marine oilers, and ship eng	12,149	0.03	64.19
Ship and Boat Captains and Operators	9,646	0.02	64.21
Parking Lot Attendants	44,364	0.11	64.32
Automotive and Watercraft Service Atten	50,777	0.13	64.45
Transportation Inspectors	3,189	0.01	64.46
Transportation workers, nec	4,253	0.01	64.47
Crane and Tower Operators	2,494	0.01	64.48
Dredge, Excavating, and Loading Machine	4,127	0.01	64.49
Conveyor operators and tenders, and hoi	2,956	0.01	64.49
Industrial Truck and Tractor Operators	80,481	0.20	64.70
Cleaners of Vehicles and Equipment	163,840	0.41	65.11
Laborers and Freight, Stock, and Materi	868,995	2.18	67.29
Machine Feeders and Offbearers	7,896	0.02	67.31
Packers and Packagers, Hand	166,857	0.42	67.73
Pumping Station Operators	3,284	0.01	67.73
Refuse and Recyclable Material Collecto	25,845	0.06	67.80
Material moving workers, nec	9,929	0.02	67.82
Military Officer Special and Tactical O	7,500	0.02	67.84
First-Line Enlisted Military Supervisor	11,336	0.03	67.87
Military Enlisted Tactical Operations a	112,715	0.28	68.15
Military, Rank Not Specified	87,518	0.22	68.37
Unemployed, with No Work Experience in	12,605,052	31.63	100.00
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Total	39,855,833	100.00	

tab occ2010 if age >= 16 & age <= 24 & educ < 6 [fweight=newperwt]

Occupation, 2010 basis	Freq.	Percent	Cum.
-----+-----			
Chief executives and legislators/public	545	0.00	0.00
General and Operations Managers	2,069	0.02	0.02
Managers in Marketing, Advertising, and	1,256	0.01	0.03
Administrative Services Managers	252	0.00	0.04
Computer and Information Systems Manage	354	0.00	0.04
Financial Managers	978	0.01	0.05
Human Resources Managers	983	0.01	0.06
Industrial Production Managers	237	0.00	0.06
Purchasing Managers	104	0.00	0.06
Transportation, Storage, and Distributi	1,344	0.01	0.07
Farmers, Ranchers, and Other Agricultur	6,037	0.05	0.12
Constructions Managers	995	0.01	0.13
Education Administrators	1,359	0.01	0.14
Food Service and Lodging Managers	8,823	0.08	0.22
Gaming Managers	197	0.00	0.22
Medical and Health Services Managers	109	0.00	0.22
Property, Real Estate, and Community As	903	0.01	0.23
Social and Community Service Managers	793	0.01	0.24
Managers, nec (including Postmasters)	5,473	0.05	0.29
Agents and Business Managers of Artists	235	0.00	0.29
Buyers and Purchasing Agents, Farm Prod	270	0.00	0.29
Wholesale and Retail Buyers, Except Far	560	0.00	0.30
Purchasing Agents, Except Wholesale, Re	296	0.00	0.30
Compliance Officers, Except Agriculture	56	0.00	0.30
Cost Estimators	348	0.00	0.30
Human Resources, Training, and Labor Re	2,668	0.02	0.33
Management Analysts	1,291	0.01	0.34
Meeting and Convention Planners	1,191	0.01	0.35
Other Business Operations and Managemen	1,723	0.02	0.36
Credit Analysts	91	0.00	0.36
Financial Analysts	492	0.00	0.37
Personal Financial Advisors	287	0.00	0.37
Credit Counselors and Loan Officers	565	0.00	0.38
Tax Examiners and Collectors, and Reven	338	0.00	0.38
Tax Preparers	110	0.00	0.38
Financial Specialists, nec	147	0.00	0.38
Computer Scientists and Systems Analyst	2,819	0.02	0.41
Computer Programmers	1,476	0.01	0.42
Software Developers, Applications and S	888	0.01	0.43
Computer Support Specialists	2,636	0.02	0.45
Network and Computer Systems Administra	78	0.00	0.45

Architects, Except Naval	94	0.00	0.45
Civil Engineers	288	0.00	0.45
Industrial Engineers, including Health	341	0.00	0.46
Mechanical Engineers	52	0.00	0.46
Engineers, nec	256	0.00	0.46
Drafters	539	0.00	0.46
Engineering Technicians, Except Drafter	4,402	0.04	0.50
Surveying and Mapping Technicians	1,089	0.01	0.51
Social Scientists, nec	215	0.00	0.51
Agricultural and Food Science Technicia	173	0.00	0.51
Geological and Petroleum Technicians, a	45	0.00	0.52
Life, Physical, and Social Science Tech	3,584	0.03	0.55
Counselors	10,419	0.09	0.64
Social Workers	3,148	0.03	0.67
Community and Social Service Specialist	1,456	0.01	0.68
Clergy	562	0.00	0.68
Directors, Religious Activities and Edu	292	0.00	0.69
Religious Workers, nec	2,177	0.02	0.70
Lawyers, and judges, magistrates, and o	198	0.00	0.71
Paralegals and Legal Assistants	857	0.01	0.71
Legal Support Workers, nec	502	0.00	0.72
Postsecondary Teachers	2,878	0.03	0.74
Preschool and Kindergarten Teachers	2,747	0.02	0.77
Special Education Teachers	396	0.00	0.77
Other Teachers and Instructors	30,114	0.26	1.03
Archivists, Curators, and Museum Techni	200	0.00	1.04
Library Technicians	4,658	0.04	1.08
Teacher Assistants	29,767	0.26	1.34
Education, Training, and Library Worker	315	0.00	1.34
Artists and Related Workers	1,870	0.02	1.36
Designers	3,540	0.03	1.39
Actors, Producers, and Directors	5,265	0.05	1.43
Athletes, Coaches, Umpires, and Related	53,692	0.47	1.90
Dancers and Choreographers	2,902	0.03	1.93
Musicians, Singers, and Related Workers	4,780	0.04	1.97
Entertainers and Performers, Sports and	2,699	0.02	1.99
Announcers	827	0.01	2.00
Editors, News Analysts, Reporters, and	658	0.01	2.01
Public Relations Specialists	142	0.00	2.01
Writers and Authors	588	0.01	2.01
Media and Communication Workers, nec	168	0.00	2.02
Broadcast and Sound Engineering Technic	1,159	0.01	2.03
Photographers	3,489	0.03	2.06

Television, Video, and Motion Picture C	1,581	0.01	2.07
Physician Assistants	214	0.00	2.07
Registered Nurses	1,055	0.01	2.08
Physical Therapists	144	0.00	2.08
Respiratory Therapists	121	0.00	2.08
Clinical Laboratory Technologists and T	810	0.01	2.09
Diagnostic Related Technologists and Te	994	0.01	2.10
Emergency Medical Technicians and Param	692	0.01	2.11
Health Diagnosing and Treating Practiti	2,348	0.02	2.13
Licensed Practical and Licensed Vocatio	847	0.01	2.13
Medical Records and Health Information	349	0.00	2.14
Health Technologists and Technicians, n	102	0.00	2.14
Healthcare Practitioners and Technical	326	0.00	2.14
Nursing, Psychiatric, and Home Health A	26,338	0.23	2.37
Occupational Therapy Assistants and Aid	98	0.00	2.37
Physical Therapist Assistants and Aides	1,425	0.01	2.38
Massage Therapists	160	0.00	2.39
Dental Assistants	1,577	0.01	2.40
Medical Assistants and Other Healthcare	13,037	0.11	2.51
First-Line Supervisors of Fire Fighting	140	0.00	2.51
Firefighters	1,692	0.01	2.53
Sheriffs, Bailiffs, Correctional Office	819	0.01	2.54
Police Officers and Detectives	886	0.01	2.54
Security Guards and Gaming Surveillance	9,585	0.08	2.63
Crossing Guards	526	0.00	2.63
Law enforcement workers, nec	113,058	0.99	3.62
Chefs and Cooks	268,488	2.35	5.97
First-Line Supervisors of Food Preparat	13,372	0.12	6.09
Food Preparation Workers	142,030	1.24	7.33
Bartenders	5,817	0.05	7.38
Combined Food Preparation and Serving W	65,094	0.57	7.95
Counter Attendant, Cafeteria, Food Conc	85,211	0.75	8.70
Waiters and Waitresses	212,782	1.86	10.56
Food Servers, Nonrestaurant	15,787	0.14	10.70
Food preparation and serving related wo	77,419	0.68	11.38
Dishwashers	80,162	0.70	12.08
Host and Hostesses, Restaurant, Lounge,	99,983	0.88	12.95
First-Line Supervisors of Housekeeping	871	0.01	12.96
First-Line Supervisors of Landscaping,	1,814	0.02	12.98
Janitors and Building Cleaners	131,743	1.15	14.13
Maids and Housekeeping Cleaners	50,787	0.44	14.57
Pest Control Workers	716	0.01	14.58
Grounds Maintenance Workers	140,529	1.23	15.81

First-Line Supervisors of Gaming Worker	124	0.00	15.81
First-Line Supervisors of Personal Serv	352	0.00	15.81
Animal Trainers	1,238	0.01	15.82
Nonfarm Animal Caretakers	17,884	0.16	15.98
Gaming Services Workers	2,757	0.02	16.01
Ushers, Lobby Attendants, and Ticket Ta	9,685	0.08	16.09
Entertainment Attendants and Related Wo	41,903	0.37	16.46
Funeral Service Workers and Embalmers	410	0.00	16.46
Barbers	1,482	0.01	16.47
Hairdressers, Hairstylists, and Cosmeto	4,945	0.04	16.52
Personal Appearance Workers, nec	3,798	0.03	16.55
Baggage Porters, Bellhops, and Concierng	2,088	0.02	16.57
Tour and Travel Guides	3,036	0.03	16.59
Childcare Workers	124,421	1.09	17.68
Personal Care Aides	15,038	0.13	17.82
Recreation and Fitness Workers	49,786	0.44	18.25
Residential Advisors	715	0.01	18.26
Personal Care and Service Workers, All	11,959	0.10	18.36
First-Line Supervisors of Sales Workers	13,447	0.12	18.48
Cashiers	541,995	4.74	23.22
Counter and Rental Clerks	5,225	0.05	23.27
Parts Salespersons	1,852	0.02	23.29
Retail Salespersons	171,864	1.50	24.79
Advertising Sales Agents	1,828	0.02	24.81
Insurance Sales Agents	1,105	0.01	24.82
Securities, Commodities, and Financial	133	0.00	24.82
Travel Agents	74	0.00	24.82
Sales Representatives, Services, All Ot	7,393	0.06	24.88
Sales Representatives, Wholesale and Ma	7,702	0.07	24.95
Models, Demonstrators, and Product Prom	6,043	0.05	25.00
Real Estate Brokers and Sales Agents	1,370	0.01	25.01
Telemarketers	4,551	0.04	25.05
Door-to-Door Sales Workers, News and St	6,939	0.06	25.11
Sales and Related Workers, All Other	5,136	0.04	25.16
First-Line Supervisors of Office and Ad	1,616	0.01	25.17
Telephone Operators	539	0.00	25.18
Bill and Account Collectors	930	0.01	25.19
Billing and Posting Clerks	1,554	0.01	25.20
Bookkeeping, Accounting, and Auditing C	6,208	0.05	25.25
Gaming Cage Workers	105	0.00	25.26
Payroll and Timekeeping Clerks	1,014	0.01	25.26
Procurement Clerks	345	0.00	25.27
Bank Tellers	2,742	0.02	25.29

Court, Municipal, and License Clerks	61	0.00	25.29
Credit Authorizers, Checkers, and Clerk	432	0.00	25.30
Customer Service Representatives	105,076	0.92	26.21
File Clerks	19,635	0.17	26.39
Hotel, Motel, and Resort Desk Clerks	3,718	0.03	26.42
Interviewers, Except Eligibility and Lo	3,042	0.03	26.45
Library Assistants, Clerical	2,604	0.02	26.47
New Account Clerks	60	0.00	26.47
Correspondent clerks and order clerks	2,824	0.02	26.49
Receptionists and Information Clerks	29,874	0.26	26.76
Reservation and Transportation Ticket A	840	0.01	26.76
Information and Record Clerks, All Othe	876	0.01	26.77
Cargo and Freight Agents	102	0.00	26.77
Couriers and Messengers	3,829	0.03	26.80
Dispatchers	331	0.00	26.81
Meter Readers, Utilities	143	0.00	26.81
Postal Service Clerks	127	0.00	26.81
Postal Service Mail Carriers	335	0.00	26.81
Postal Service Mail Sorters, Processors	134	0.00	26.81
Production, Planning, and Expediting CI	2,135	0.02	26.83
Shipping, Receiving, and Traffic Clerks	11,693	0.10	26.94
Stock Clerks and Order Fillers	110,709	0.97	27.90
Weighers, Measurers, Checkers, and Samp	1,643	0.01	27.92
Secretaries and Administrative Assistan	21,506	0.19	28.11
Computer Operators	170	0.00	28.11
Data Entry Keyers	6,497	0.06	28.17
Word Processors and Typists	4,722	0.04	28.21
Insurance Claims and Policy Processing	1,820	0.02	28.22
Mail Clerks and Mail Machine Operators,	1,539	0.01	28.24
Office Clerks, General	26,654	0.23	28.47
Office Machine Operators, Except Comput	717	0.01	28.48
Statistical Assistants	252	0.00	28.48
Office and administrative support worke	4,106	0.04	28.51
First-Line Supervisors of Farming, Fish	681	0.01	28.52
Agricultural Inspectors	87	0.00	28.52
Graders and Sorters, Agricultural Produ	4,140	0.04	28.56
Agricultural workers, nec	126,020	1.10	29.66
Fishing and hunting workers	1,944	0.02	29.68
Forest and Conservation Workers	2,278	0.02	29.70
Logging Workers	3,130	0.03	29.72
First-Line Supervisors of Construction	2,820	0.02	29.75
Boilermakers	37	0.00	29.75
Brickmasons, Blockmasons, and Stonemaso	4,435	0.04	29.79

Carpenters	28,280	0.25	30.04
Carpet, Floor, and Tile Installers and	6,422	0.06	30.09
Cement Masons, Concrete Finishers, and	1,750	0.02	30.11
Construction Laborers	91,636	0.80	30.91
Paving, Surfacing, and Tamping Equipmen	476	0.00	30.91
Construction equipment operators except	2,404	0.02	30.93
Drywall Installers, Ceiling Tile Instal	7,761	0.07	31.00
Electricians	4,539	0.04	31.04
Glaziers	401	0.00	31.04
Insulation Workers	2,217	0.02	31.06
Painters, Construction and Maintenance	23,651	0.21	31.27
Pipelayers, Plumbers, Pipefitters, and	8,038	0.07	31.34
Plasterers and Stucco Masons	452	0.00	31.35
Roofers	15,529	0.14	31.48
Sheet Metal Workers, metal-working	1,042	0.01	31.49
Structural Iron and Steel Workers	776	0.01	31.50
Helpers, Construction Trades	4,210	0.04	31.53
Fence Erectors	2,729	0.02	31.56
Hazardous Materials Removal Workers	890	0.01	31.57
Highway Maintenance Workers	2,098	0.02	31.58
Rail-Track Laying and Maintenance Equip	146	0.00	31.59
Construction workers, nec	1,410	0.01	31.60
Derrick, rotary drill, and service unit	761	0.01	31.60
Explosives Workers, Ordnance Handling E	78	0.00	31.61
Mining Machine Operators	450	0.00	31.61
Extraction workers, nec	3,235	0.03	31.64
First-Line Supervisors of Mechanics, In	281	0.00	31.64
Computer, Automated Teller, and Office	2,783	0.02	31.66
Radio and Telecommunications Equipment	564	0.00	31.67
Avionics Technicians	528	0.00	31.67
Electric Motor, Power Tool, and Related	110	0.00	31.67
Electronic Equipment Installers and Rep	211	0.00	31.68
Electronic Home Entertainment Equipment	237	0.00	31.68
Security and Fire Alarm Systems Install	216	0.00	31.68
Aircraft Mechanics and Service Technici	22	0.00	31.68
Automotive Body and Related Repairers	2,169	0.02	31.70
Automotive Service Technicians and Mech	15,157	0.13	31.83
Bus and Truck Mechanics and Diesel Engi	2,146	0.02	31.85
Heavy Vehicle and Mobile Equipment Serv	2,714	0.02	31.88
Small Engine Mechanics	416	0.00	31.88
Vehicle and Mobile Equipment Mechanics,	7,101	0.06	31.94
Control and Valve Installers and Repair	75	0.00	31.94
Heating, Air Conditioning, and Refriger	2,821	0.02	31.97

Home Appliance Repairers	112	0.00	31.97
Industrial and Refractory Machinery Mec	1,550	0.01	31.98
Maintenance and Repair Workers, General	4,556	0.04	32.02
Maintenance Workers, Machinery	361	0.00	32.02
Millwrights	264	0.00	32.03
Electrical Power-Line Installers and Re	343	0.00	32.03
Telecommunications Line Installers and	1,889	0.02	32.05
Precision Instrument and Equipment Repa	288	0.00	32.05
Coin, Vending, and Amusement Machine Se	913	0.01	32.06
Riggers	148	0.00	32.06
Helpers--Installation, Maintenance, and	2,512	0.02	32.08
Other Installation, Maintenance, and Re	4,334	0.04	32.12
First-Line Supervisors of Production an	3,597	0.03	32.15
Aircraft Structure, Surfaces, Rigging,	63	0.00	32.15
Electrical, Electronics, and Electromec	1,544	0.01	32.16
Engine and Other Machine Assemblers	330	0.00	32.17
Structural Metal Fabricators and Fitter	170	0.00	32.17
Assemblers and Fabricators, nec	25,488	0.22	32.39
Bakers	10,222	0.09	32.48
Butchers and Other Meat, Poultry, and F	9,320	0.08	32.56
Food and Tobacco Roasting, Baking, and	106	0.00	32.56
Food Batchmakers	4,794	0.04	32.60
Food Cooking Machine Operators and Tend	841	0.01	32.61
Food Processing, nec	4,462	0.04	32.65
Computer Control Programmers and Operat	538	0.00	32.66
Cutting, Punching, and Press Machine Se	2,576	0.02	32.68
Machinists	4,176	0.04	32.71
Metal Furnace Operators, Tenders, Poure	896	0.01	32.72
Molders and Molding Machine Setters, Op	797	0.01	32.73
Welding, Soldering, and Brazing Workers	8,625	0.08	32.80
Metal workers and plastic workers, nec	6,072	0.05	32.86
Bookbinders, Printing Machine Operators	3,274	0.03	32.89
Prepress Technicians and Workers	316	0.00	32.89
Laundry and Dry-Cleaning Workers	6,251	0.05	32.94
Pressers, Textile, Garment, and Related	1,209	0.01	32.95
Sewing Machine Operators	4,317	0.04	32.99
Shoe and Leather Workers and Repairers	452	0.00	33.00
Tailors, Dressmakers, and Sewers	468	0.00	33.00
Textile bleaching and dyeing, and cutti	343	0.00	33.00
Textile Winding, Twisting, and Drawing	311	0.00	33.01
Upholsterers	221	0.00	33.01
Textile, Apparel, and Furnishings worke	224	0.00	33.01
Cabinetmakers and Bench Carpenters	1,256	0.01	33.02

Furniture Finishers	915	0.01	33.03
Sawing Machine Setters, Operators, and	2,408	0.02	33.05
Woodworking Machine Setters, Operators,	1,109	0.01	33.06
Woodworkers including model makers and	975	0.01	33.07
Water Wastewater Treatment Plant and Sy	183	0.00	33.07
Plant and System Operators, nec	66	0.00	33.07
Chemical Processing Machine Setters, Op	484	0.00	33.07
Crushing, Grinding, Polishing, Mixing,	3,134	0.03	33.10
Cutting Workers	2,788	0.02	33.13
Extruding, Forming, Pressing, and Compa	804	0.01	33.13
Furnace, Kiln, Oven, Drier, and Kettle	61	0.00	33.13
Inspectors, Testers, Sorters, Samplers,	10,980	0.10	33.23
Jewelers and Precious Stone and Metal W	323	0.00	33.23
Medical, Dental, and Ophthalmic Laborat	518	0.00	33.24
Packaging and Filling Machine Operators	13,418	0.12	33.36
Painting Workers and Dyers	3,649	0.03	33.39
Photographic Process Workers and Proces	228	0.00	33.39
Adhesive Bonding Machine Operators and	222	0.00	33.39
Etchers, Engravers, and Lithographers	88	0.00	33.39
Molders, Shapers, and Casters, Except M	473	0.00	33.40
Paper Goods Machine Setters, Operators,	936	0.01	33.40
Helpers--Production Workers	6,986	0.06	33.47
Other production workers including semi	34,393	0.30	33.77
Supervisors of Transportation and Mater	641	0.01	33.77
Aircraft Pilots and Flight Engineers	174	0.00	33.77
Flight Attendants and Transportation Wo	197	0.00	33.78
Bus and Ambulance Drivers and Attendant	475	0.00	33.78
Driver/Sales Workers and Truck Drivers	26,906	0.24	34.01
Taxi Drivers and Chauffeurs	2,022	0.02	34.03
Motor Vehicle Operators, All Other	573	0.01	34.04
Railroad Conductors and Yardmasters	15	0.00	34.04
Subway, Streetcar, and Other Rail Trans	287	0.00	34.04
Sailors and marine oilers, and ship eng	338	0.00	34.04
Ship and Boat Captains and Operators	685	0.01	34.05
Parking Lot Attendants	6,431	0.06	34.11
Automotive and Watercraft Service Atten	8,338	0.07	34.18
Transportation Inspectors	191	0.00	34.18
Transportation workers, nec	335	0.00	34.18
Crane and Tower Operators	412	0.00	34.19
Dredge, Excavating, and Loading Machine	571	0.00	34.19
Conveyor operators and tenders, and hoi	948	0.01	34.20
Industrial Truck and Tractor Operators	9,973	0.09	34.29
Cleaners of Vehicles and Equipment	39,120	0.34	34.63

Laborers and Freight, Stock, and Materi	173,896	1.52	36.15
Machine Feeders and Offbearers	914	0.01	36.16
Packers and Packagers, Hand	39,537	0.35	36.51
Pumping Station Operators	80	0.00	36.51
Refuse and Recyclable Material Collecto	7,008	0.06	36.57
Material moving workers, nec	2,681	0.02	36.59
Military Enlisted Tactical Operations a	1,040	0.01	36.60
Military, Rank Not Specified	2,101	0.02	36.62
Unemployed, with No Work Experience in	7,242,045	63.38	100.00
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Total	11,426,093	100.00	

Supply Side

College is the answer! (So we can profit off your loans!)

Demand Side

The Keynesian method of ending unemployment is one of unemployment targeting. MDRC reviews current youth employment programs and judges their effectiveness. They find that programs which offer “opportunities for paid work and the use of financial incentives”, with “strong links between education, training, and the job market”, that take into consideration the youths specific developmental needs and offer support services have been the most successful. Many of the unemployed youth live in poverty and experiences “instability in their family life”. They lack access to transportation, and have to take care of younger siblings. They are currently testing the New York City’s Young Adult Internship Program which strives to meet these criteria. Overall however, their report suggests there is little evidence to know exactly what works, so we have to use the past experience of programs like CETA to determine what works in employing youth.

Probit Model

Using data from the 2014 ACS I develop a probit model which generates a likelihood of a young person being employed from the noninstitutionalized population. Young person for the purpose of the bill is described as a person from 16-25 inclusive. The dependent variable is employed, which in the ACS takes on 4 categorical variables N/A, Employed, Unemployed, or Not in Labor force. I define employed as 1 if employed, 0 otherwise. The independent variables are education, family size, sex, race, and a categorical income variable. Figure 1 shows the

distribution of family incomes with young people using the categorical income variable, and shows the categories. Using this model generates probabilities of a young person being employed. The distribution of employment status is shown in table 1. Tables 2-4 show the distribution by years of schooling, sex, and race. Table 5 shows the results of the probit regression. After the probit model is created predict is used to give the probability for each young person being currently employed. The universe of potential job applicants includes all not employed young people, that is, those unemployed and those not in the labor force. I run two different scenarios for distributing the jobs into each PUMA. First to those that are most similar to young people who already have jobs and second to those with the lowest likelihood of having jobs. This gives the potential range of the distribution of the jobs depending on how the state plans are implemented. The goal of the bill is to target disadvantaged youth, so if implemented correctly I would expect the plan to be towards the “lower likelihood” end. Tables 6 and 7 shows how the jobs are distributed when assigned to those with the lowest probability, and tables 8 and 9 show how the jobs are distributed when assigned to those with the highest probability.

Figure 1: family income distribution of family heads with youth in dollars

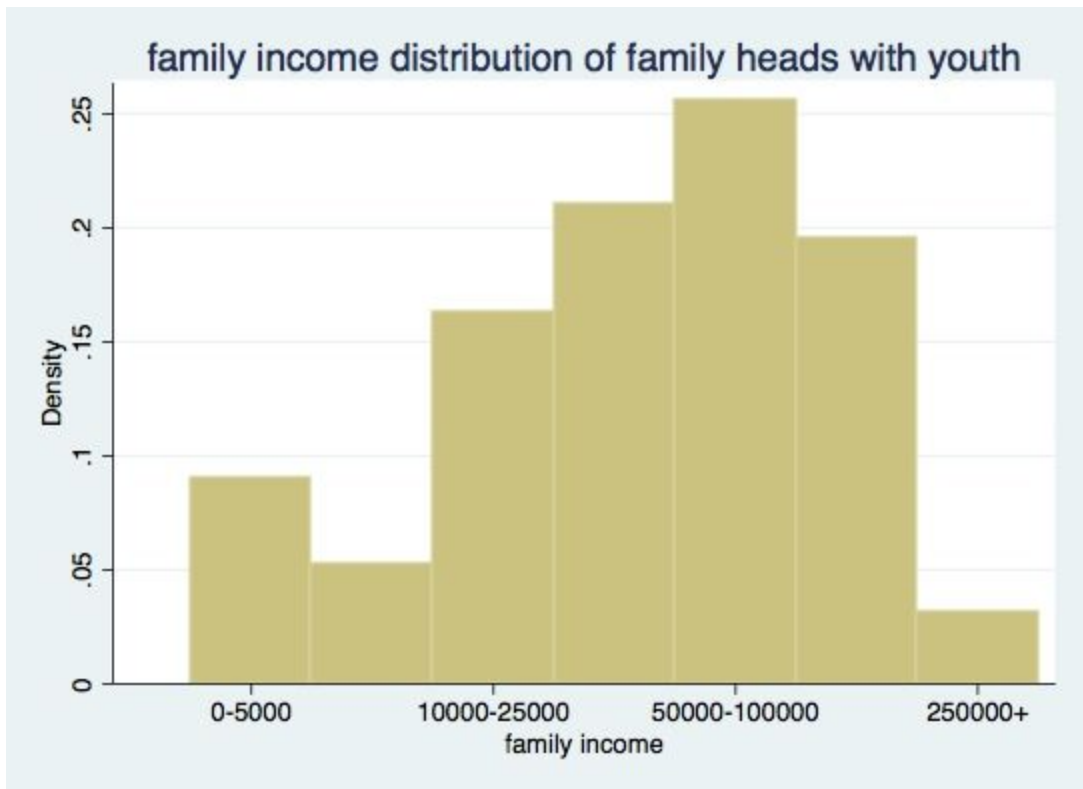


Table 1: Employment Status of Young People

Status	Number of Youth	% of Youth
Employed	21,956,925	53.71
Unemployed	3,688,257	9.02
Not in labor force	15,236,461	37.27

Table 2: Years of Schooling of Young People

Years of Schooling	Number of Youth	% of Youth
--------------------	-----------------	------------

N/A or no schooling	177,859	.44
Nursery school to grade 4	50,950	.12
Grade 5, 6, 7, or 8	595,503	1.46
Grade 9	1,697,728	4.15
Grade 10	3,911,218	9.57
Grade 11	5,014,105	12.26
Grade 12	13,881,787	33.96
1 year of college	9,099,535	22.26
2 years of college	1,918,384	4.69
4 years of college	4,067,782	9.95
5+ years of college	466,792	1.14

Table 3: Sex of Young People

Sex	Number of Youth	% of Youth
Male	20,791,906	50.86
Female	20,089,737	49.14

Table 4: Race of Young People

Race	Number of Youth	% of Youth
White	31,459,578	76.95
Black	6,610,882	16.17
American Indian/Alaska Native	430,638	1.05
Asian and/or Pacific Islander	2,281,313	5.58
Other race, non-Hispanic	99,232	0.24

Table 5: Result of Probit Model

	employed
1bn.educ	0.263
	(39.48)**
2.educ	-0.155
	(43.51)**
3.educ	-0.865
	(257.78)**
4.educ	-0.753
	(233.50)**

5.educ	-0.432
	(135.45)**
6.educ	0.35
	(110.98)**
7.educ	0.455
	(143.69)**
8.educ	0.698
	(211.33)**
10.educ	0.723
	(223.59)**
11.educ	0.61
	(158.66)**
2bn.famsize	-0.783
	(851.46)**
3.famsize	-1.104
	(1,229.65)**
4.famsize	-1.188
	(1,280.30)**
5.famsize	-1.22
	(1,210.10)**
6.famsize	-1.213
	(1,020.05)**
7.famsize	-1.236
	(801.25)**
8.famsize	-1.239
	(592.22)**
9.famsize	-1.231
	(442.13)**
10.famsize	-1.137
	(293.46)**
11.famsize	-1.33
	(235.34)**
12.famsize	-1.204
	(187.95)**

13.famsize	-1.256
	(130.15)**
14.famsize	-1.51
	(101.35)**
15.famsize	-0.965
	(45.98)**
16.famsize	-1.581
	(48.14)**
17.famsize	-1.868
	(45.47)**
18.famsize	-1.347
	(39.20)**
19.famsize	-3.16
	(30.31)**
20.famsize	-0.611
	(10.26)**
1bn.finccut	1.086
	(853.47)**
2.finccut	1.527
	(1,455.41)**
3.finccut	1.754
	(1,615.23)**
4.finccut	1.913
	(1,724.54)**
5.finccut	1.985
	(1,715.13)**
6.finccut	1.744
	(1,066.37)**
2.sex	-0.011
	(24.83)**
2bn.racesing	-0.156
	(253.42)**
3.racesing	-0.214
	(99.39)**

4.racesing	-0.379
	(391.40)**
5.racesing	-0.082
	(19.00)**
2bn.statefip	0.079
	(17.34)**
4.statefip	0.056
	(24.69)**
5.statefip	0.078
	(27.69)**
6.statefip	-0.117
	(63.44)**
8.statefip	0.198
	(81.38)**
9.statefip	0.077
	(28.09)**
10.statefip	0.101
	(23.16)**
11.statefip	-0.156
	(28.11)**
12.statefip	-0.042
	(21.72)**
13.statefip	-0.024
	(11.35)**
15.statefip	0.281
	(74.17)**
16.statefip	0.154
	(44.50)**
17.statefip	0.002
	-0.75
18.statefip	0.183
	(79.27)**
19.statefip	0.331
	(115.02)**

20.statefip	0.189
	(66.60)**
21.statefip	0.149
	(58.17)**
22.statefip	0.043
	(17.37)**
23.statefip	0.266
	(64.77)**
24.statefip	0.044
	(18.78)**
25.statefip	0.127
	(54.74)**
26.statefip	0.096
	(45.31)**
27.statefip	0.363
	(146.37)**
28.statefip	-0.013
	(4.65)**
29.statefip	0.187
	(79.37)**
30.statefip	0.246
	(57.21)**
31.statefip	0.314
	(91.51)**
32.statefip	0.092
	(32.15)**
33.statefip	0.238
	(61.28)**
34.statefip	-0.021
	(9.53)**
35.statefip	0.117
	(37.59)**
36.statefip	-0.089
	(45.49)**

37.statefip	0.052
	(24.66)**
38.statefip	0.424
	(87.19)**
39.statefip	0.195
	(92.95)**
40.statefip	0.145
	(55.62)**
41.statefip	0.044
	(16.63)**
42.statefip	0.09
	(43.55)**
44.statefip	0.024
	(5.72)**
45.statefip	0.093
	(37.36)**
46.statefip	0.461
	(92.93)**
47.statefip	0.06
	(26.16)**
48.statefip	0.083
	(44.09)**
49.statefip	0.278
	(102.49)**
50.statefip	0.174
	(31.00)**
51.statefip	0.112
	(50.60)**
53.statefip	0.024
	(10.76)**
54.statefip	-0.051
	(15.06)**
55.statefip	0.315
	(130.77)**

56.statefip	0.319
	(58.02)**
_cons	-0.821
	(223.84)**
N	41,288,508
* p<0.05; ** p<0.01	

Table 6: lowest likelihood job distribution by sex and race

Job Recipient	Male Youth	Female Youth	White Youth	Black Youth	AI/AN Youth	Asian Youth	Other race Youth
No	151,749,796	158,442,139	247,658,919	41,673,126	2,701,850	17,510,764	647,276
Yes	102,683	271,325	267,029	74,533	8,790	22,521	1,135

Table 7: lowest likelihood job distribution by income

Job Recipient	Family Inc 0-5k	Fam Inc 5-10k	10k-25k	25k-50k	50k-100k	100k-250k	250k+
No	12,532,897	10,789,787	43,540,353	68,839,446	92,411,667	69,803,697	11,837,625
Yes	274,332	43,732	32,848	16,413	5,210	1,192	281

107486 families out of poverty

Table 8: highest likelihood job distribution by sex and race

Job Recipient	Male Youth	Female Youth	White Youth	Black Youth	AI/AN Youth	Asian Youth	Other race Youth
No	151,740,785	158,451,150	247,702,798	41,663,870	2,698,204	17,480,939	646,124
Yes	111,655	262,353	223,352	83,747	12,415	52,211	2,283

Table 9: highest likelihood job distribution by income

Job Recipient	Family Inc 0-5k	Fam Inc 5-10k	10k-25k	25k-50k	50k-100k	100k-250k	250k+
No	12,675,312	10,783,057	43,482,914	68,796,771	92,383,987	69,797,431	11,836,000
Yes	132,567	50,418	90,010	58,902	32,778	7,434	1,899

75143 families out of poverty

Summary of Bill

The bill establishes a fund initially endowed with \$5.5 billion to be used by the Secretary of Labor to employ young americans. Young for the purpose of the act is defined as those in the ages of sixteen to twenty-four inclusive. \$4 billion gets used to provide summer and year round employment for low-income youth, while the other \$1.5 billion is used for competitive grants which are to be granted to local entities to carry out work based training and education to provide necessary skills to gain future employment. The \$4 billion dollars gets divided between states and then further between Public Use Microdata Areas (PUMA) within each state. .5% of the funds gets divided equally between the states, for the initial endowment this comes to \$20 million for each State. The remaining \$3 billion is divided between the states on the basis of the relative amount of youth to the overall amount of youth, the relative amount of unemployed relative to the overall unemployment level, and the relative number of disadvantaged young adults compared to the overall number. A disadvantaged young adult is one who is 16-24 and lives in a household whose income is one which does not exceed the higher of the poverty line for their family size, or 70% of the lower living standard income. The lower living standard income was established in the Workforce Innovation and Opportunity Act as a regional minimum standard of living and is used in many other employment programs to determine eligibility. It helps alleviate some of the many problems with using the federal poverty line. After the money is allocated in this way to the states, the money is allocated within the State to each PUMA. The money is divided between PUMAs by calculating the relative number of youth, unemployed, and unemployed youth compared to the total for the state. For example the formula

yields \$300 million dollars that go to California, then the formula allocates \$1.7 million to the Lancaster PUMA which has .41% of the State's youth and .43% of the State's unemployment.

While the money is allocated formulaically, the state's and local boards must submit plans for how they plan to correctly use the funds in order to receive the money. In general the funds must be made available to provide summer and year round employment opportunities for youth. The priority is to identify opportunities that are in emerging or in-demand occupations in the local area, in the public or nonprofit sector in order to meet community needs, or opportunities that lead to activities that will provide industry-recognized certificates or credentials. No more than 5% of the funds allocated to each area can be used for administrative purposes, the rest of the money must make its way into the hands of disadvantaged youth, which means more can be spent on administration duties if young americans are employed to do so. While the bill does not provide specifics on how each local area would identify or create these opportunities, past experience shows that administering programs like this through community colleges and workers centers has provided lasting impacts on the communities (Benner).

The allocation of the remainder of the funds, the \$1.5 billion in grants, would work differently. Here the bill specifies that in order to receive a grant the application must be in partnership with a chief elected official and the local board for the local area involved, or be an entity eligible for a grant under section 166 of the Workforce Innovation and Opportunity Act. Then the bill lists potential entities for partnerships, which also seems like likely candidates for groups that would administer the first \$4 billion. These include employers or employer associations, adult education providers or postsecondary educational institutions including community colleges, community-based organizations, joint labor-management committees, work-related intermediaries, and labor organizations that sponsor training or employment upgrade programs. In the applications specifics must be included for how the eligible entity will provide unemployed low-income youth with skills that will lead to employment, along with a laundry list of other criteria which will help determine the ideas which would have the most impact, which in this sense means lifting the marginalized youth in America out of unemployment. The goal is to give unemployed young adults entry into, and retention in, unsubsidized employment and attainment of industry recognized credentials.

Conclusion

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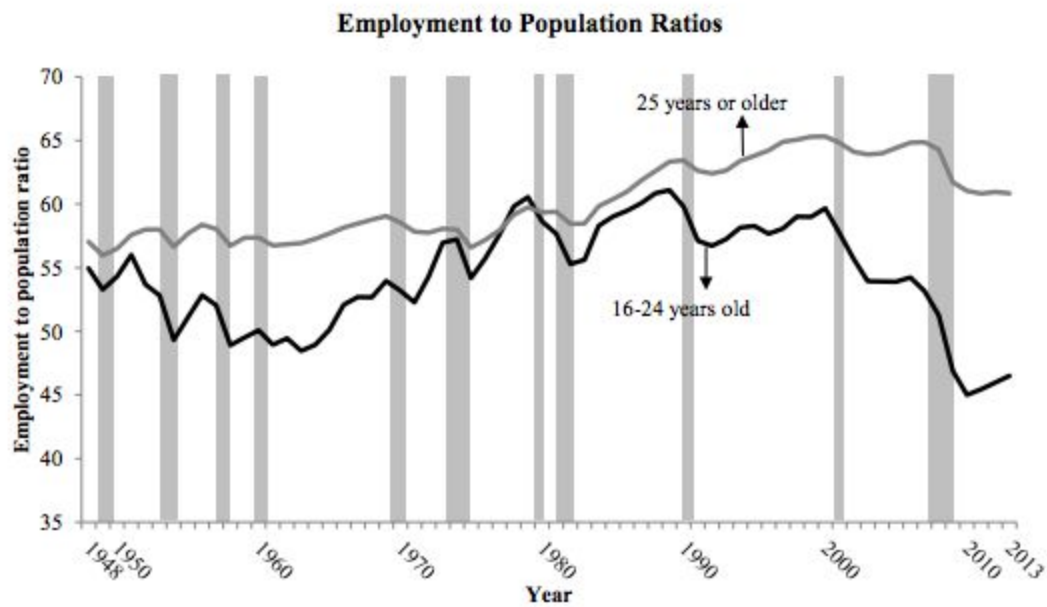
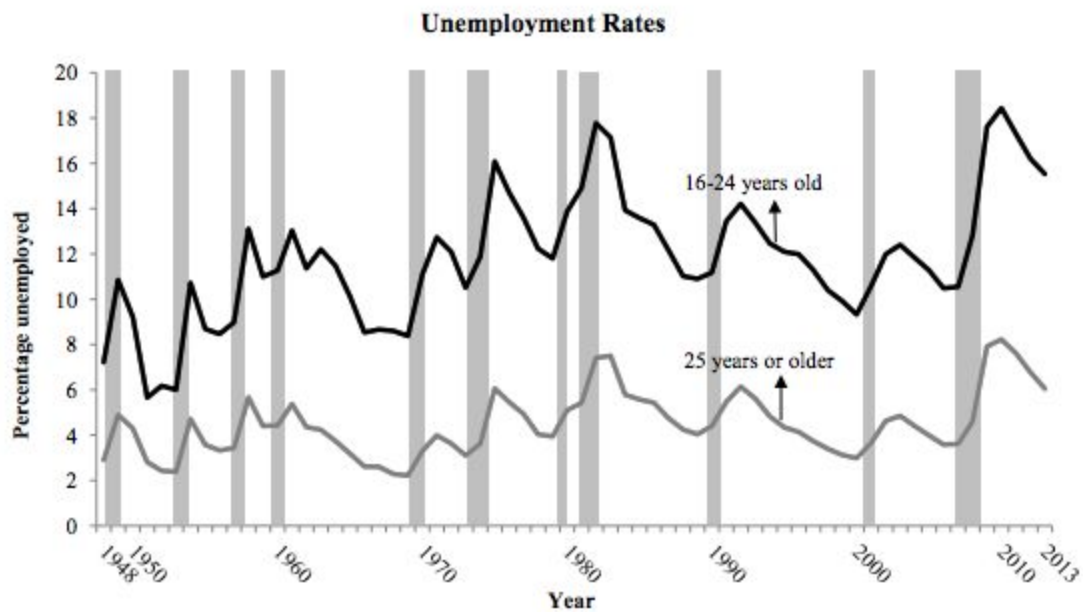
<http://www.nakedcapitalism.com/2016/06/wolf-richter-these-debt-slaves-are-the-governments-largest-asset-class-and-it-will-haunt-the-economy-for-years.html>

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91. These policies can be grouped by the main objective and impact they aim to attain with respect to youth employment, such as:

- ❑ policies and programmes for increasing employment creation and affecting the demand side: these include growth and economic policies, the promotion of entrepreneurship and self-employment, and public employment creation programmes;
- ❑ policies and programmes for facilitating the transition from school to work: these include supply side measures such as education and technical and vocational training policies; active labour market policies (ALMPs) such as wage subsidies, tax exemptions and job search counselling, that facilitate the matching between demand and supply;
- ❑ labour market policies for improving the quality of youth employment, and policies for improving the social protection of young workers;
- ❑ policies for protecting rights, for promoting the respect for labour standards, and for strengthening social dialogue to ensure greater participation and voice for young workers.

Youth Unemployment, 1948-2013



SOURCES: Bureau of Labor Statistics (2013) and National Bureau of Economic Research (2013).

Hossain

Make similar tables:

Table 7 Distribution of Youth Unemployment by Educational Attainment (aged 15–29), 2014Q3

Highest Level of Educational Attainment	Persons	Percentage	Cumulative	Cumulative Percentage
Primary education (6 years – Dimotiko) or less	21,976	5.9	21,976	5.9
Gymnasio (3 years of secondary education)	29,297	7.8	51,274	13.7
Lyceum (3 years beyond Gymnasio)	154,139	41.3	205,412	55.0
Technical education institutions (TEIs)	52,585	14.1	257,997	69.1
Bachelor's degree (university)	110,134	29.5	368,131	98.6
Ph.D. or master's degree	5,118	1.4	373,250	100.0
Total number of unemployed	373,250	100.0		

Source: Eurostat, LFS; authors' calculations

Table 8 Distribution of Unemployment by Age and Educational Attainment, 2014Q3 (in percent)

Highest Level of Educational Attainment	15–29	15–64	Cumulative	
			15–29	15–64
Primary education (6 years – Dimotiko) or less	5.9	13.5	5.9	13.5
Gymnasio (3 years of secondary education)	7.8	11.7	13.7	25.2
Lyceum (3 years beyond Gymnasio)	41.3	38.4	55.0	63.6
Technical education institutions (TEIs)	14.1	11.7	69.1	75.3
Bachelor's degree (university)	29.5	22.9	98.6	98.2
Ph.D. or master's degree	1.4	1.8	100.0	100.0
Total	100.0	100.0		

Source: Eurostat, LFS; authors' calculations

Levy^