

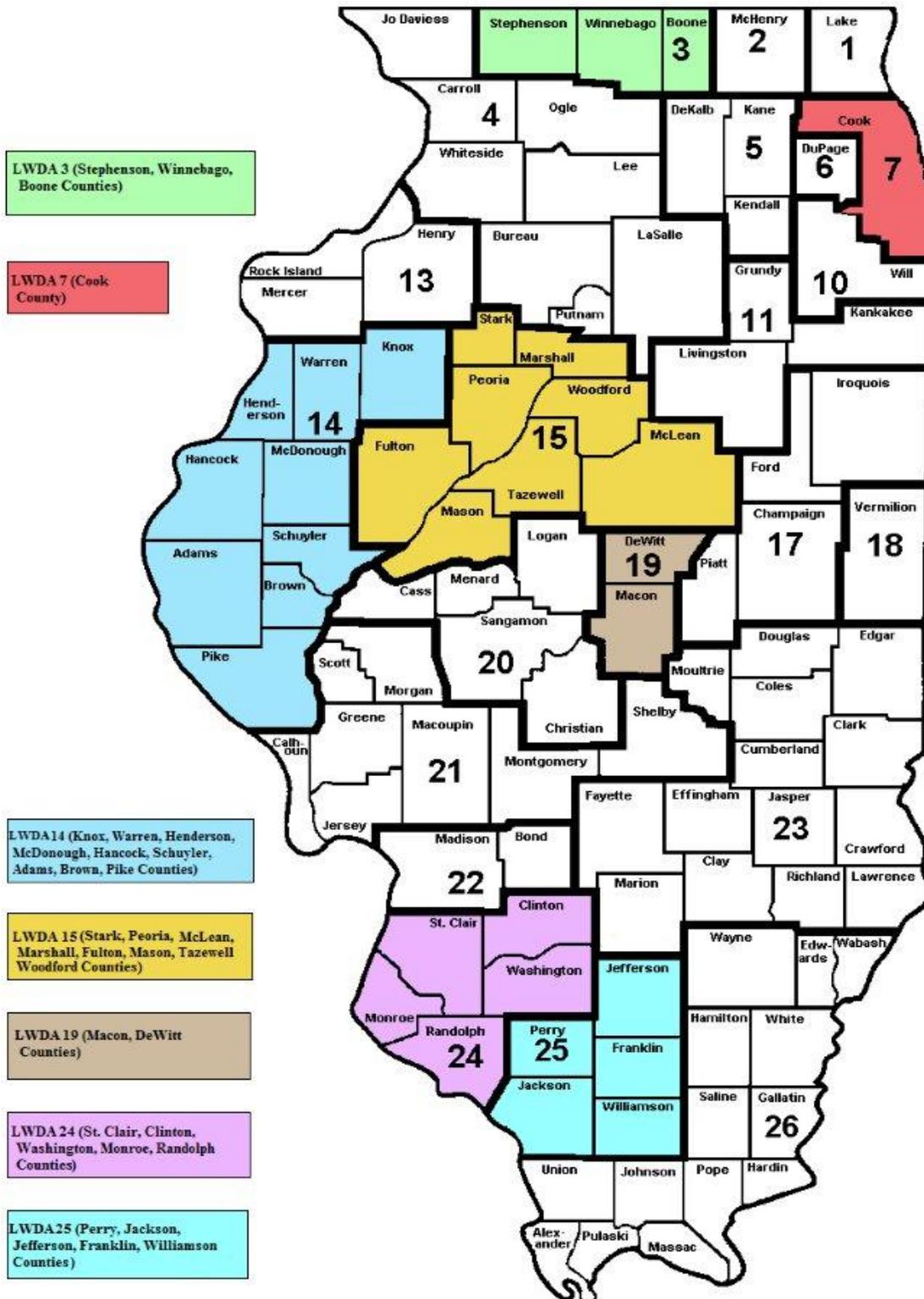
ATTACHMENTS

- Attachment A: Notice of Intent to Apply**
- Attachment B: JTED-SNAP Pilot Project Targeted LWIA's**
- Attachment C: In Demand Sectors and Occupation for SNAP-JTED Project**
- Attachment D: Illinois Career Cluster Model's**
- Attachment E: JTED-SNAP Service Model and ICAPS Model and Providers**
- Attachment F: SNAP Participant Flow Chart**
- Attachment G: Estimated Number of SNAP Participant to be Served by Location**
- Attachment H: ICCB Statewide Bridge Definition and Core Elements**

Attachment A: Notice of Intent to Apply

Attachment A: Intent to Apply												
Eligible applicants wishing to apply must submit a non-binding notification of intent to apply by October 1, 2015 to: JTED-SNAP@illinoisworknet.com .												
1.	Legal Name of Applicant/Organization											
2.	Mailing Address of Applicant <i>(Street Address)</i> <i>(City, State Zip)</i> <i>(Please include 9 digit zip code)</i>											
3.	Organization Contact Information:	Phone: Fax: Email:										
3.	Chief Contact:	Name: Phone: Title: Address: City, State Zip: Fax: Email:										
4.	Phone Number: <i>(Please include ext. # if applicable)</i>											
5.	Fax Number:											
6.	FEIN Number:											
7.	Geographic Region Served:											
8.	Estimated Funding Request											
9.	Estimated Number of Recipients to Receive JTED-SNAP Services:											
10.	Estimated Expenditures Per-Participant on Work-Experience:											
11.	Estimated Expenditures Per-Participant on Training Services:											
12.	Targeted Sector(s): <i>(Select all that apply)</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Agriculture</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Information Technology</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Architecture/Construction</td> <td style="border: none;"><input type="checkbox"/> Manufacturing</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy</td> <td style="border: none;"><input type="checkbox"/> Transportation & Logistics</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Finance</td> <td style="border: none;"><input type="checkbox"/> Research & Development</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Health Care</td> <td style="border: none;"><input type="checkbox"/> Other:</td> </tr> </table>	<input type="checkbox"/> Agriculture	<input type="checkbox"/> Information Technology	<input type="checkbox"/> Architecture/Construction	<input type="checkbox"/> Manufacturing	<input type="checkbox"/> Energy	<input type="checkbox"/> Transportation & Logistics	<input type="checkbox"/> Finance	<input type="checkbox"/> Research & Development	<input type="checkbox"/> Health Care	<input type="checkbox"/> Other:
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Information Technology											
<input type="checkbox"/> Architecture/Construction	<input type="checkbox"/> Manufacturing											
<input type="checkbox"/> Energy	<input type="checkbox"/> Transportation & Logistics											
<input type="checkbox"/> Finance	<input type="checkbox"/> Research & Development											
<input type="checkbox"/> Health Care	<input type="checkbox"/> Other:											
13.	Targeted Participants: <i>(Select all that apply)</i>	<input type="checkbox"/> Category 1A <input type="checkbox"/> Category 1B <input type="checkbox"/> Category 2										
Please submit any questions about this form to the JTED-SNAP FAQ section on Illinois workNet™ .												

JTED-SNAP Pilot Project Targeted LWDA's



Attachment C: In Demand Sectors and Occupation for SNAP-JTED Project

- In Demand Sectors and Occupation for SNAP-JTED Project – State of Illinois
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 3
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 7
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 14
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 15
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 19
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 20
- In Demand Sectors and Occupation for SNAP-JTED Project – LWIA 24

In-Demand Sectors and Occupations for the SNAP-JTED Program
State of Illinois

Sector	Standard Code	Occupational Classification (SOC) Title	Emp. 2010	Employment Change 2010-2020		Average Annual Job Openings due to Growth	Average Annual Job Openings		Median Annual Wage	Training/ Education Level
				Number	Percent		Replcmnts	Total		
Health	29-1111	Registered Nurses	124044	20176	16.27	2018	2245	4263	\$64,888	Associate or Bachelor degree
Health	31-1011	Home Health Aides	34,616	14,421	41.66	1,442	446	1,888	\$21,960	Short-term on-the-job training
Health	31-1012	Nursing Aides, Orderlies/Attendants	60,324	4,638	7.69	464	778	1,242	\$23,550	Postsecondary vocational award
Health	29-2061	Licensed Practical Nurses	23,367	2,115	9.05	212	623	835	\$41,250	Postsecondary vocational award
Health	43-4171	Receptionists & Information Clerks *	12,889	1,792	13.90	179	390	569	\$25,810	Short-term on-the-job training
Health	31-9092	Medical Assistants	16,966	2,590	15.27	259	260	519	\$29,280	Postsecondary vocational award
Health	31-9091	Dental Assistants	12,337	1,857	15.05	186	259	445	\$31,910	Moderate-term on-the-job training
Health	29-2052	Pharmacy Technicians	15,561	1,700	10.92	170	270	440	\$28,400	Postsecondary vocational award
Health	29-2021	Dental Hygienists	8,606	1,820	21.15	182	172	354	\$62,660	Associate degree
Health	29-2037	Radiologic Technologists/Technicians	8,464	1,051	12.42	105	131	236	\$56,980	Associate degree
Health	29-2071	Med Records & Health Info Technicians	7,874	551	7.00	55	158	213	\$31,790	Associate degree
Health	31-9099	Healthcare Support Workers, AO	10,642	455	4.28	46	163	209	\$30,420	Short-term on-the-job training
Health	35-2012	Cooks, Institution and Cafeteria *	5,421	708	13.06	71	116	187	\$22,520	Moderate-term on-the-job training
Health	31-2021	Physical Therapist Assistants	3,635	930	25.58	93	56	149	\$47,770	Associate degree
Health	29-2012	Medical & Clinical Lab Technicians	5,350	101	1.89	10	104	114	\$37,820	Associate degree
Health	31-2022	Physical Therapist Aides	2,366	488	20.63	49	37	86	\$23,680	Short-term on-the-job training
Health	29-2032	Diagnostic Medical Sonographers	2,023	514	25.41	51	31	82	\$66,950	Associate degree
Health	29-1199	Health Diag/Treat Practitioners, AO	2,270	160	7.05	16	43	59	\$65,330	Associate degree
Health	31-2011	Occupational Therapist Assistants	1,438	371	25.80	37	22	59	\$47,340	Associate degree
Health	29-2031	Cardiovascular Technologists/Technicians	1,778	227	12.77	23	28	51	\$41,730	Associate degree
Health	31-9094	Medical Transcriptionists	3,293	-293	-8.90	0	50	50	\$34,510	Postsecondary vocational award
Health	35-1012	1st-Line Svrs/Mgrs, Food Prep/Serv *	1,163	174	14.96	17	25	42	\$28,740	1-5 yrs experience
Health	31-9095	Pharmacy Aides	1,956	116	5.93	12	30	42	\$25,010	Short-term on-the-job training
Health	29-2051	Dietetic Technicians	1,746	63	3.61	6	30	36	\$23,230	Moderate-term on-the-job training
Health	31-2012	Occupational Therapist Aides	522	74	14.18	7	8	15	\$27,840	Short-term on-the-job training
Health	29-2033	Nuclear Medicine Technologists	632	22	3.48	2	10	12	\$71,590	Associate degree
Health	11-9051	Food Service Managers *	319	-7	-2.19	0	6	6	\$44,160	1-5 yrs experience
Manuf	53-7062	Laborers & Freight/Stock Movers, Hand	114743	11888	10.36	1189	3668	4857	\$23,560	Short-term on-the-job training
Manuf	53-7064	Packers & Packers, Hand	47894	1794	3.75	179	1370	1549	\$19,900	Short-term on-the-job training
Manuf	51-2092	Team Assemblers	62415	1461	2.34	146	1237	1383	\$26,320	Moderate-term on-the-job training
Manuf	49-9071	General Maintenance & Repair Workers	51359	2878	5.6	288	944	1232	\$38,130	Moderate-term on-the-job training
Manuf	51-9199	Production Workers, All Other	21319	127	0.6	13	558	571	\$27,890	Moderate-term on-the-job training
Manuf	51-4041	Machinists	25009	132	0.53	13	459	472	\$39,150	Long-term on-the-job training
Manuf	51-4121	Welders, Cutters, Solderers & Brazers	14154	867	6.13	87	378	465	\$35,500	Less than 1 yr experience/moderate-term on-the-job training
Manuf	51-9061	Inspectors, Testers, Sorters & Weighers	18222	539	2.96	54	397	451	\$34,780	Moderate-term on-the-job training
Manuf	49-1011	1st-Line Svrs/Mgrs, Mechanics/Installers	13308	504	3.79	50	350	400	\$60,710	1-5 yrs experience
Manuf	49-9041	Industrial Machinery Mechanics	11368	1766	15.53	177	218	395	\$49,390	Long-term on-the-job training
Manuf	51-1011	1st-Line Svrs/Mgrs, Prod. & Operating Workers	26069	-937	-3.59	0	341	341	\$56,650	Postsecondary non-degree vocational award/1-5 yrs experience
Manuf	51-9111	Packaging & Filling Machine Operators & Tenders	17896	349	1.95	35	295	330	\$23,980	Moderate-term on-the-job training
Manuf	51-4011	Computer-Controlled Machine Tool Operators	7829	1128	14.41	113	149	262	\$35,980	Moderate-term on-the-job training
Manuf	51-2099	Assemblers & Fabricators, AO	10322	484	4.69	48	204	252	\$25,480	Moderate-term on-the-job training
Manuf	51-3021	Butchers & Meat Cutters	8058	107	1.33	11	234	245	\$27,470	Long-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	11429	-2520	-22.05	0	224	224	\$34,900	Moderate-term on-the-job training
Manuf	51-3011	Bakers	7715	-99	-1.28	0	223	223	\$23,060	Long-term on-the-job training
Manuf	51-4034	Lathe/Turning Machine Tool Setters & Operators	5300	-51	-0.96	0	192	192	\$40,270	Moderate-term on-the-job training
Manuf	51-9023	Mix/Blend Machine Setters, Operators & Tenders	6193	-221	-3.57	0	185	185	\$35,380	Moderate-term on-the-job training
Manuf	49-2022	Telecommunication Eqpt Installers & Repairers	8938	378	4.23	38	142	180	\$58,750	Postsec non-degree vocational award/moderate-term on-the-job training
Manuf	51-3092	Food Batchmakers	5400	-127	-2.35	0	150	150	\$28,120	Short-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters & Trimmers	3417	358	10.48	36	99	135	\$26,120	Short-term on-the-job training

In-Demand Sectors and Occupations for the SNAP-JTED Program
State of Illinois

Manuf	17-3012	Electrical & Electronics Drafters	824	14	1.7	1	16	17	\$55,883	Associate degree
IT	15-1150	Computer Support Specialists	23011	3111	13.52	311	604	915	\$48,660	Associate degree
IT	15-1799	Computer Occupations, All Other	10543	687	6.52	69	198	267	\$73,830	Associate degree
IT	17-3023	Electrical & Electronic Engineering Techs	4767	14	0.29	1	91	92	\$54,990	Associate degree
IT	43-9011	Computer Operators	4205	-264	-6.28	0	40	40	\$39,800	Moderate-term on-the-job training
Adm	43-4171	Receptionists & Information Clerks	38022	5287	13.91	529	1150	1679	\$26,298	Short-term on-the-job training
Adm	43-3071	Tellers	26050	3270	12.55	327	1071	1398	\$24,714	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	61975	4447	7.18	445	682	1127	\$37,069	Moderate-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	75944	-440	-0.58	0	1018	1018	\$31,672	Short-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	50378	3151	6.25	315	676	991	\$48,215	1-5 yrs experience
Adm	43-3021	Billing/Posting Clerks & Machine Operators	18241	1757	9.63	176	318	494	\$33,824	Short-term on-the-job training
Adm	43-3011	Bill & Account Collectors	14861	1834	12.34	183	290	473	\$35,277	Moderate-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	7756	721	9.3	72	349	421	\$21,918	Short-term on-the-job training
Adm	43-6013	Medical Secretaries	11108	2588	23.3	259	149	408	\$33,106	Moderate-term on-the-job training
Adm	43-6012	Legal Secretaries	12218	1131	9.26	113	164	277	\$44,383	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	7323	643	8.78	64	150	214	\$40,778	Moderate-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	7480	-631	-8.44	0	210	210	\$38,416	Short-term on-the-job training
Adm	43-4151	Order Clerks	7448	-22	-0.3	0	209	209	\$33,750	Short-term on-the-job training
Adm	43-4131	Loan Interviewers & Clerks	7675	362	4.72	36	142	178	\$37,052	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	5054	191	3.78	19	142	161	\$40,898	Short-term on-the-job training
Adm	43-4071	File Clerks	6060	-591	-9.75	0	160	160	\$25,104	Short-term on-the-job training
Adm	43-4141	New Accounts Clerks	3747	475	12.68	48	105	153	\$31,775	Short-term on-the-job training
Adm	43-4011	Brokerage Clerks	3486	121	3.47	12	98	110	\$42,949	Moderate-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	2840	232	8.17	23	80	103	\$40,467	Moderate-term on-the-job training
Adm	43-4181	Reservation/Transportation Ticket Agents	5262	-129	-2.45	0	100	100	\$40,015	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	2401	6	0.25	1	97	98	\$39,155	Moderate-term on-the-job training
Adm	43-4041	Credit Authorizers, Checkers & Clerks	2527	195	7.72	20	71	91	\$36,633	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	3732	120	3.22	12	74	86	\$26,573	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	1008	-111	-11.01	0	27	27	\$51,053	Associate degree/moderate term on-the-job training
Adm	43-4021	Correspondence Clerks	459	-61	-13.29	0	13	13	\$32,077	Short-term on-the-job training
Adm	43-2021	Telephone Operators	275	-46	-16.73	0	8	8	\$26,013	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	156	-6	-3.85	0	4	4	\$53,550	Short-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	42,759	11,062	25.87%	1,106	756	1,862	\$23,610	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	64,183	65	0.01%	6	1,252	1,258	\$52,230	Long-term on-the-job training
Agri	45-2092	Farmworkers & Laborers, Nursery & Greenhouse	33,557	-4,251	-12.67%	0	1,022	1,022	\$21,540	Short-term on-the-job training
Agri	37-1012	1st-Line Svcs/Mgrs, Landscaping & Lawn Service	6,003	705	11.74%	70	87	157	\$44,150	1-5 yrs experience
Agri	41-4012	Sales Reps, Whls/Mfg, exc. Tech/Sci. Products*	4,528	203	4.49%	20	106	126	\$54,010	Moderate-term on-the-job training
Agri	45-2091	Agricultural Equipment Operators	4,043	-451	-11.16%	0	123	123	\$31,900	Moderate-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	3,517	204	5.80%	20	102	122	\$28,570	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	3,854	-488	-12.66%	0	117	117	\$20,280	Short-term on-the-job training
Agri	29-2056	Veterinary Technologists & Technicians	2,677	645	24.09%	64	46	110	\$28,420	Associate degree
Agri	49-3041	Farm Equipment Mechanics	2,128	151	7.10%	15	55	70	\$34,730	Long-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	1,724	312	18.10%	31	30	61	\$38,060	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	1,840	177	9.62%	18	32	50	\$30,360	Short-term on-the-job training
Agri	45-2041	Graders & Sorters, Agricultural Products	2,047	-192	-9.38%	0	49	49	\$22,020	Short-term on-the-job training
Agri	31-9096	Vet Assistants & Lab Animal Caretakers	2,417	88	3.64%	9	37	46	\$22,570	Short-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	1,284	184	14.33%	18	23	41	\$29,360	Moderate-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	844	10	1.18%	1	28	29	\$43,080	Associate degree
Agri	19-4021	Biological Technicians*	362	48	13.34%	5	13	18	\$40,044	Associate degree
Agri	19-4091	Environmental Science & Protection Techs*	313	25	7.91%	3	13	16	\$60,560	Associate degree
Agri	13-1021	Purchasing Agents & Buyers, Farm Products	767	2	0.26%	0	15	15	\$54,820	Long-term on-the-job training

In-Demand Sectors and Occupations for the SNAP-JTED Program
State of Illinois

Arch/Contr	47-2141	Painters, Construction & Maintenance	12228	937	7.66	94	267	361	\$46,040	Moderate-term on-the-job training
Arch/Contr	47-2073	Operating Engrs/Constrctn Eqpt Opers	11156	953	8.54	95	259	354	\$62,590	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-Line Supvrs/Mgrs, Const. Trades	10341	724	7	72	238	310	\$73,810	More than 5 yrs experience
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	7030	766	10.9	77	111	188	\$53,680	Moderate-term on-the-job training
Arch/Contr	47-4011	Construction & Building Inspectors	3563	519	14.57	52	105	157	\$58,420	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	47-2021	Brickmasons & Blockmasons	3990	290	7.27	29	82	111	\$71,310	Apprenticeship
Arch/Contr	47-2181	Roofers	5112	-33	-0.65	0	105	105	\$46,050	Moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	2210	322	14.57	32	68	100	\$53,100	Associate degree
Arch/Contr	47-2121	Glaziers	1494	174	11.65	17	56	73	\$48,500	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	2701	52	1.93	5	56	61	\$75,980	Apprenticeship
Arch/Contr	17-3013	Mechanical Drafters	2161	98	4.53	10	42	52	\$47,270	Associate degree
Arch/Contr	17-3022	Civil Engineering Techs	1517	175	11.54	18	29	47	\$55,870	Associate degree
Arch/Contr	47-2044	Tile & Marble Setters	1417	119	8.4	12	31	43	\$47,800	Long-term on-the-job training
Energy	47-2031	Carpenters	36,363	2,376	6.53	238	771	1,009	\$48,490	Apprenticeship
Energy	47-2061	Construction Laborers	48,408	4,742	9.80	474	388	862	\$34,350	Short-term on-the-job training
Energy	47-2111	Electricians	24,315	1,265	5.20	126	655	781	\$72,560	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	18,254	1,362	7.46	136	527	663	\$67,770	Apprenticeship
Energy	51-4121	Welders, Cutters, Solderers & Brazers	14,154	867	6.13	87	378	465	\$35,500	Less than 1 yr experience/moderate-term on-the-job training
Energy	13-1023	Purchasing Agents	9,882	-55	-0.56	0	265	265	\$57,430	Long-term on-the-job training
Energy	49-9021	Heat, A/C & Refrigeration Mechanics & Installers	6,853	1,332	19.44	133	121	254	\$53,250	Postsec non-degree vocational award/long-term on-the-job training
Energy	53-1031	1st-Line Svrs/Mgrs, Trans Machine Operators	6,335	502	7.92	50	130	180	\$55,810	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	101,192	8,397	8.30	840	2,874	3,714	\$32,640	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	14,919	-762	-5.11	0	381	381	\$57,790	Long-term on-the-job training
Fin	43-9041	Insurance Claims & Policy Proc Clerks	10,600	-11	-0.10	0	318	318	\$37,540	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	9,071	1,059	11.67	106	204	310	\$64,390	Long-term on-the-job training
Fin	43-4011	Brokerage Clerks	3,486	121	3.47	12	98	110	\$41,370	Moderate-term on-the-job training
Fin	43-4041	Credit Authorizers/Checkers/Clerks	2,527	195	7.72	20	71	91	\$35,420	Short-term on-the-job training
Fin	13-2082	Tax Preparers	2,749	188	6.84	19	62	81	\$33,480	Moderate-term on-the-job training
Fin	13-2021	Real Estate Appraisers & Assessors	2,683	175	6.52	18	57	75	\$46,670	Apprenticeship
Fin	41-9021	Real Estate Brokers	2,167	137	6.32	14	49	63	\$45,560	1-5 yrs experience
Fin	23-2093	Title Examiners/Abstractors/Searchers	1,891	-70	-3.70	0	29	29	\$39,480	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	991	-168	-17.00	0	25	25	\$52,770	Postsec non-degree vocational award/moderate-term on-the-job training
R&D	19-4031	Chemical Technicians	2,967	379	12.77	38	43	81	\$39,820	Associate degree
R&D	19-4099	Life, Physical & Social Science Technicians, AO	1,479	100	6.76	10	62	72	\$43,960	Associate degree
R&D	17-3011	Architectural & Civil Drafters	3,020	-96	-3.18	0	58	58	\$45,340	Associate degree
R&D	17-3029	Engineering Technicians, exc. Drafters, All Other	2,843	-5	-0.18	0	54	54	\$53,210	Associate degree
R&D	17-3022	Civil Engineering Technicians	1,517	175	11.54	18	29	47	\$55,870	Associate degree
R&D	17-3026	Industrial Engineering Technicians	2,273	-13	-0.57	0	44	44	\$48,020	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	2,116	-3	-0.14	0	40	40	\$53,430	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	1,322	141	10.67	14	25	39	\$41,950	Moderate-term on-the-job training
R&D	19-4092	Forensic Science Technicians	659	36	5.46	4	28	32	\$72,720	Associate degree
R&D	17-3025	Environmental Engineering Technicians	680	128	18.82	13	13	26	\$42,060	Associate degree
R&D	17-3019	Drafters, All Other	750	-96	-12.80	0	14	14	\$47,450	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	717	-17	-2.37	0	14	14	\$59,560	Associate degree
R&D	19-4093	Forest & Conservation Technicians	211	-6	-2.84	0	9	9	\$36,980	Associate degree
R&D	17-3021	Aerospace Engineers & Operations Technicians	249	34	13.65	3	5	8	\$61,350	Associate degree
R&D	19-4051	Nuclear Technicians	211	-8	0.00	0	7	7	\$68,300	Associate degree
R&D	19-4061	Social Science Research Assistants	138	10	7.25	1	6	7	\$38,610	Associate degree
R&D	19-4041	Geological & Petroleum Technicians	30	3	10.00	0	1	1	\$41,920	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	113725	24359	21.42	2436	3174	5610	\$18,814	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	75995	11741	15.45	1174	3794	4968	\$18,835	Short-term on-the-job training

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Rest/Hotel	35-2021	Food Preparation Workers	34983	4830	13.81	483	1259	1742	\$18,964	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	33592	6901	20.54	690	716	1406	\$21,275	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	25034	3537	14.13	354	871	1225	\$18,951	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Shop	12826	1253	9.77	125	930	1055	\$18,918	Short-term on-the-job training
Rest/Hotel	35-1012	1st-LineSprvs/MgrsFoodPrep/ServingWkrs	29069	4359	15	436	616	1052	\$26,968	1-5 yrs experience
Rest/Hotel	35-9021	Dishwashers	17393	2169	12.47	217	794	1011	\$18,828	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	48470	1699	3.51	170	816	986	\$20,458	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Shop	11335	1251	11.04	125	796	921	\$19,062	None
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpers	18338	1513	8.25	151	682	833	\$19,112	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	24856	766	3.08	77	530	607	\$18,829	Short-term on-the-job training
Rest/Hotel	35-2012	Cooks, Institution & Cafeteria	14772	1929	13.06	193	315	508	\$23,385	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	9715	1319	13.58	132	275	407	\$19,468	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	5916	880	14.87	88	236	324	\$20,628	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	4902	-397	-8.1	0	242	242	\$19,390	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	6185	693	11.2	69	132	201	\$20,559	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	4044	68	1.68	7	72	79	\$39,599	1-5 yrs experience
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	1232	74	6.01	7	71	78	\$19,544	Short-term on-the-job training
Rest/Hotel	39-3011	Gaming Dealers	1512	121	8	12	65	77	\$18,960	Moderate-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	1570	227	14.46	23	39	62	\$22,454	Short-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	1070	127	11.87	13	41	54	\$24,262	Moderate-term on-the-job training
Rest/Hotel	41-2012	Gaming Change Persons/Booth Cashiers	702	26	3.7	3	32	35	\$30,274	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	881	110	12.49	11	22	33	\$26,770	Moderate-term on-the-job training
Rest/Hotel	39-1011	Gaming Supervisors	506	6	1.19	1	9	10	\$47,599	1-5 yrs experience
Rest/Hotel	43-3041	Gaming Cage Workers	339	1	0.29	0	7	7	\$29,707	Short-term on-the-job training
TDL	53-3032	Truck Drivers, Heavy & Tractor Trailer	65721	6378	9.7	638	1308	1946	\$31,700	1-5 yrs experience/short-term on-the-job training
TDL	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkr	47740	4240	8.88	424	1277	1701	\$27,390	1-5 yrs experience
TDL	53-3033	Truck Drivers, Light & Delivery Services	38081	3286	8.63	329	758	1087	\$40,030	Short-term on-the-job training
TDL	49-3023	Automotive Service Technicians & Mechanics	29612	2564	8.66	256	765	1021	\$38,200	Moderate-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operatrs	24679	2120	8.59	212	699	911	\$26,240	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving, & Traffic Clerks	30267	-1893	-6.25	0	772	772	\$33,760	Short-term on-the-job training
TDL	53-3022	School Bus Drivers	21052	2794	13.27	279	407	686	\$73,320	Moderate-term on-the-job training
TDL	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	8241	1938	23.52	194	170	364	\$51,780	1-5 yrs experience
TDL	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers	26069	-937	-3.59	0	341	341	\$54,830	1-5 yrs experience
TDL	43-5011	Cargo & Freight Agents	6927	1436	20.73	144	169	313	\$51,260	Short-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	10808	998	9.23	100	209	309	\$44,920	Moderate-term on-the-job training
TDL	43-5061	Production, Planning, & Expediting Clerks	9487	122	1.29	12	248	260	\$34,380	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	8022	447	5.57	45	194	239	\$147,040	Moderate-term on-the-job training
TDL	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists	7658	541	7.06	54	166	220	\$31,190	Long-term on-the-job training
TDL	43-5032	Dispatchers	7588	615	8.1	62	144	206	\$49,690	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	7843	955	12.18	96	97	193	\$23,560	Short-term on-the-job training
TDL	53-2031	Flight Attendants	8415	-270	-3.21	0	160	160	\$29,150	Moderate-term on-the-job training
TDL	11-3071	Transportation, Storage & Distribution Managers	4905	114	2.32	11	118	129	\$46,130	More than 5 yrs experience
TDL	49-3093	Tire Repairers & Changers	3106	345	11.11	34	80	114	\$73,320	Moderate-term on-the-job training
TDL	53-4011	Locomotive Engineers	2832	-292	-10.31	0	101	101	\$33,300	1-5 yrs experience/moderate-term on-the-job training
TDL	43-4181	Reservation/Trans. Ticket Agents & Travel Clerks	5262	-129	-2.45	0	100	100	\$35,190	Short-term on-the-job training

* Data are suppressed for confidentiality; not applicable to statewide data.

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Occupational Classification (SOC) Code	Occupational Title	Base Year Employment 2010	Employment Chg 2010-2020		Average Annual Job Openings due to			Annual Ave. Wage rate 2013	Training/Education Level
			Number	Percent	Growth	Replacemen	Total		
Health	29-1111 Registered Nurses	4202	970	23.08	97	76	173	\$56,850	Associate or bachelor degree
Health	31-1012 Nursing Aides, Orderlies & Attendants	2137	245	11.46	24	28	52	\$25,408	Postsecondary non-degree vocational award
Health	31-1011 Home Health Aides	862	389	45.13	39	11	50	\$21,696	Short-term on-the-job training
Health	29-2061 Licensed Practical & Vocational Nurses	773	101	13.07	10	21	31	\$42,483	Postsecondary non-degree vocational award
Health	31-9092 Medical Assistants	621	136	21.9	14	10	24	\$31,832	Postsecondary non-degree vocational award
Health	31-9091 Dental Assistants	458	98	21.4	10	10	20	\$32,703	Moderate-term on-the-job training
Health	29-2021 Dental Hygienists	324	91	28.09	9	6	15	\$69,412	Associate degree
Health	29-2052 Pharmacy Technicians	382	38	9.95	4	7	11	\$28,421	Postsecondary non-degree vocational award
Health	29-2071 Medical Records/Health Information Techs	277	35	12.64	4	6	10	\$30,120	Associate degree
Health	29-2037 Radiologic Technologists & Technicians	293	54	18.43	5	4	9	\$52,435	Associate degree
Health	31-2021 Physical Therapist Assistants	121	39	32.23	4	2	6	\$49,126	Associate degree
Health	11-9051 Food Service Managers	286	2	0.7	0	5	5	\$41,312	1-5 yrs experience
Health	29-2012 Medical & Clinical Lab Technicians	150	7	4.67	1	3	4	\$46,113	Associate degree
Health	29-2032 Diagnostic Medical Sonographers	69	20	28.99	2	1	3	\$69,342	Associate degree
Health	31-2011 Occupational Therapist Assistants	47	15	31.91	2	1	3	\$62,199	Associate degree
Health	31-2022 Physical Therapist Aides	77	23	29.87	2	1	3	\$28,097	Short-term on-the-job training
Health	29-2031 Cardiovascular Technologists & Techs	63	12	19.05	1	1	2	NA	Associate degree
Health	31-9094 Medical Transcriptionists	125	-3	-2.4	0	2	2	\$36,721	Postsecondary non-degree vocational award
Health	29-2051 Dietetic Technicians	62	5	8.06	0	1	1	NA	Moderate-term on-the-job training
Health	29-2033 Nuclear Medicine Technologists	21	2	9.52	0	0	0	\$77,908	Associate degree
Health	31-2012 Occupational Therapist Aides	17	4	23.53	0	0	0	NA	Associate degree
Manuf	53-7062 Laborers/Freight/Stock & Material Movers	4164	809	19.43	81	133	214	\$24,084	Short-term on-the-job training
Manuf	51-2092 Team Assemblers	3822	201	5.26	20	76	96	\$49,898	Moderate-term on-the-job training
Manuf	53-7064 Packers & Packagers, Hand	1592	133	8.35	13	46	59	\$21,480	Short-term on-the-job training
Manuf	49-9071 Maintenance & Repair Workers, General	1563	104	6.65	10	29	39	\$35,504	Moderate-term on-the-job training
Manuf	51-4041 Machinists	1671	29	1.74	3	31	34	\$35,776	Long-term on-the-job training
Manuf/Energy	51-4121 Welders, Cutters, Solderers & Brazers	961	84	8.74	8	26	34	\$33,140	Less than 1 yr experience/moderate on-the-job training
Manuf	51-9061 Inspect/Testers/Sorters/Samplers/Weighers	913	32	3.5	3	20	23	\$35,569	Long-term on-the-job training
Manuf	49-9041 Industrial Machinery Mechanics	499	100	20.04	10	10	20	\$67,439	Long-term on-the-job training
Manuf	51-9399 Production Workers, All Other	781	5	0.64	0	20	20	\$27,560	Moderate-term on-the-job training
Manuf	51-4011 Computer-Controlled Mach Tool Operators	569	82	14.41	8	11	19	\$36,446	Moderate-term on-the-job training
Manuf	51-4034 Lathe/Turning Mach Tool Setters/Operators	480	7	1.46	1	17	18	\$33,484	Moderate-term on-the-job training
Manuf/TDL	51-1011 1st-LineSpvrs/Mgrs Prod/Operating Workers	1233	-32	-2.6	0	16	16	\$55,289	Postsecondary non-degree vocational award/1-5 yrs experience
Manuf	49-1011 1st-LineSpvrs/Mgrs-Mechanics/Installers	408	27	6.62	3	11	14	\$60,309	1-5 yrs experience
Manuf	51-2099 Assemblers & Fabricators, All Other	545	31	5.69	3	11	14	\$26,246	Moderate-term on-the-job training
Manuf	51-9111 Packaging/Filling Mach Operators/Tenders	604	1	0.17	0	10	10	\$22,828	Moderate-term on-the-job training
Manuf	51-3011 Bakers	259	-12	-4.63	0	8	8	\$21,191	Long-term on-the-job training
Manuf	51-3021 Butchers & Meat Cutters	244	5	2.05	0	7	7	\$22,776	Long-term on-the-job training
Manuf	51-3092 Food Batchmakers	200	-25	-12.5	0	6	6	\$29,695	Short-term on-the-job training
Manuf	51-9023 Mixing/Blending Mach Setters/Operators	183	-14	-7.65	0	6	6	\$27,926	Moderate-term on-the-job training
Manuf	49-2022 Telecom Equipment Installers/Repairers	146	18	12.33	2	2	4	\$40,579	Postsecondary non-degree vocational award/moderate-term on-the-job training
Manuf	51-5112 Printing Press Operators & Job Printers	229	-30	-13.1	0	4	4	\$35,888	Moderate-term on-the-job training
Manuf	51-3022 Meat, Poultry & Fish Cutters/Trimmers	114	5	4.39	0	3	3	NA	Short-term on-the-job training
Manuf	17-3012 Electrical & Electronics Drafters	21	-1	-4.76	0	0	0	\$54,238	Associate degree
IT	15-1150 Computer Support Specialists	438	59	13.47	6	12	18	\$40,185	Associate degree
IT	15-1799 Computer Occupations, All Other	165	8	4.85	1	3	4	\$70,098	Associate degree
IT	17-3023 Electrical & Electronic Engineering Techs	134	-7	-5.22	0	3	3	\$46,602	Associate degree
IT	43-9011 Computer Operators	93	-1	-1.08	0	1	1	\$37,483	Moderate-term on-the-job training
Adm/Health	43-4171 Receptionists & Information Clerks	1227	237	19.32	24	37	61	\$24,145	Short-term on-the-job training

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Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	2086	88	4.22	9	28	37	\$28,453	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	1740	158	9.08	16	19	35	\$35,152	Moderate-term on-the-job training
Adm	43-3071	Tellers	539	128	23.75	13	22	35	\$22,717	Short-term on-the-job training
Adm	43-3011	Bill & Account Collectors	489	211	43.15	21	10	31	\$34,679	Moderate-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	1245	118	9.48	12	17	29	\$37,812	1-5 yrs experience
Adm	43-6013	Medical Secretaries	402	119	29.6	12	5	17	\$33,953	Moderate-term on-the-job training
Adm	43-3021	Billing/Posting Clerks & Machine Operators	539	70	12.99	7	9	16	\$36,003	Short-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	184	27	14.67	3	8	11	\$19,135	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	213	45	21.13	4	3	7	\$42,429	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	209	17	8.13	2	4	6	\$36,075	Moderate-term on-the-job training
Adm	43-4151	Order Clerks	218	0	0	0	6	6	\$35,013	Short-term on-the-job training
Adm	43-4131	Loan Interviewers & Clerks	159	24	15.09	2	3	5	\$30,147	Short-term on-the-job training
Adm	43-4071	File Clerks	158	-6	-3.8	0	4	4	\$25,188	Short-term on-the-job training
Adm	43-4141	New Accounts Clerks	76	18	23.68	2	2	4	\$35,528	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	151	3	1.99	0	4	4	\$39,510	Short-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	140	-9	-6.43	0	4	4	\$24,234	Short-term on-the-job training
Adm	43-4011	Brokerage Clerks	42	18	42.86	2	1	3	NA	Moderate-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	75	7	9.33	1	2	3	\$36,707	Moderate-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	127	12	9.45	1	2	3	\$20,279	Short-term on-the-job training
Adm/Fin	43-4041	Credit Authorizers, Checkers & Clerks	64	11	17.19	1	2	3	NA	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	58	2	3.45	0	2	2	\$42,312	Moderate-term on-the-job training
Adm/TDL	43-4181	Reservation/Transportation Ticket Agents	69	4	5.8	0	1	1	NA	Moderate-term on-the-job training
Adm	43-4021	Correspondence Clerks	10	0	0	0	0	0	NA	Short-term on-the-job training
Adm	43-2021	Telephone Operators	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	*	*	*	*	*	*	NA	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	3300	5	0.15	0	64	64	NA	Long-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	1949	36	1.85	4	46	50	\$53,416	Moderate-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	1061	288	27.14	29	19	48	\$23,261	Short-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrserly/Grnhouse	1556	-202	-12.98	0	47	47	\$22,244	Short-term on-the-job training
Agri	29-2056	Veterinary Technologists & Technicians	98	31	31.63	3	2	5	\$28,063	Associate degree
Agri	45-2091	Agricultural Equipment Operators	168	-21	-12.5	0	5	5	NA	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	177	-23	-12.99	0	5	5	NA	Short-term on-the-job training
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	151	21	13.91	2	2	4	\$35,743	1-5 yrs experience
Agri	51-3023	Slaughturers & Meat Packers	140	-7	-5	0	4	4	NA	Moderate-term on-the-job training
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	84	6	7.14	1	1	2	NA	Short-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	40	8	20	1	1	2	NA	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	43	8	18.6	1	1	2	\$18,936	Short-term on-the-job training
Agri	45-2041	Graders & Sorters, Agricultural Products	79	-7	-8.86	0	2	2	NA	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	60	4	6.67	0	2	2	\$33,772	Long-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	20	-3	-15	0	1	1	NA	Associate degree
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	22	-1	-4.55	0	0	0	\$27,979	Long-term on-the-job training
Agri	19-4021	Biological Technicians	8	1	12.5	0	0	0	NA	Associate degree
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	27	5	18.52	0	0	0	\$26,829	Moderate-term on-the-job training
Arch/Contr	47-2073	Operating Enginrs/Const.EquipOperators	308	39	12.66	4	7	11	\$60,090	Moderate-term on-the-job training
Arch/Contr	47-2141	Painters, Construction & Maintenance	393	22	5.6	2	9	11	\$25,026	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	295	15	5.08	2	7	9	\$73,512	More than 5 yrs experience
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	218	18	8.26	2	3	5	\$36,248	Moderate-term on-the-job training
Arch/Contr	47-2181	Roofers	168	-11	-6.55	0	4	4	\$46,268	Moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	62	7	11.29	1	2	3	\$35,125	Associate degree
Arch/Contr	47-2021	Brickmasons & Blockmasons	126	3	2.38	0	3	3	\$71,776	Apprenticeship
Arch/Contr	47-4011	Construction & Building Inspectors	80	11	13.75	1	2	3	\$56,006	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	17-3013	Mechanical Drafters	130	2	1.54	0	2	2	\$51,816	Associate degree
Arch/Contr	47-2121	Glaziers	51	0	0	0	2	2	NA	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	87	-5	-5.75	0	2	2	\$85,374	Apprenticeship
Arch/Contr	47-2044	Tile & Marble Setters	50	4	8	0	1	1	\$36,621	Long-term on-the-job training
Arch/Contr/R&D	17-3022	Civil Engineering Technicians	29	5	17.24	0	1	1	\$54,026	Associate degree

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Energy	47-2061	Construction Laborers	1534	217	14.15	22	12	34	\$38,024	Short-term on-the-job training
Energy	47-2031	Carpenters	1125	42	3.73	4	24	28	\$61,000	Apprenticeship
Energy	47-2111	Electricians	799	-1	-0.13	0	22	22	\$79,765	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	586	9	1.54	1	17	18	\$82,391	Apprenticeship
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	292	-3	-1.03	0	8	8	\$49,873	Long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	191	36	18.85	4	4	8	\$50,784	1-5 yrs experience
Energy	49-9021	HVAC Mechanics & Installers	213	28	13.15	3	4	7	\$68,212	Postsecondary non-degree vocational award/long-term on-the-job training
Fin	43-4051	Customer Service Representatives	2598	471	18.13	47	74	121	\$32,882	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	317	38	11.99	4	8	12	\$55,709	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	239	50	20.92	5	7	12	\$29,188	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	195	31	15.9	3	4	7	\$39,554	Long-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	58	8	13.79	1	1	2	\$43,303	Apprenticeship
Fin	13-2082	Tax Preparers	47	8	17.02	1	1	2	\$28,414	Moderate-term on-the-job training
Fin	23-2093	Title Examiners, Abstractors & Searchers	36	3	8.33	0	0	0	\$42,565	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	NA	Postsecondary non-degree vocational award/moderate on-the-job training
Fin	41-9021	Real Estate Brokers	*	*	*	*	*	*	NA	1-5 yrs experience
R&D	17-3026	Industrial Engineering Technicians	105	-5	-4.76	0	2	2	\$46,698	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	76	-1	-1.32	0	2	2	\$56,237	Associate degree
R&D	17-3011	Architectural & Civil Drafters	57	2	3.51	0	1	1	\$37,674	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	75	-5	-6.67	0	1	1	\$68,207	Associate degree
R&D	19-4031	Chemical Technicians	58	5	8.62	0	1	1	\$44,165	Associate degree
R&D	19-4092	Forensic Science Technicians	14	-1	-7.14	0	1	1	\$81,618	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	22	1	4.55	0	1	1	NA	Associate degree
R&D	17-3019	Drafters, All Other	22	-4	-18.18	0	0	0	\$38,007	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Techs	10	0	0	0	0	0	NA	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	16	-2	-12.5	0	0	0	NA	Associate degree
R&D	17-3025	Environmental Engineering Technicians	13	2	15.38	0	0	0	\$22,178	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	25	3	12	0	0	0	\$37,371	Moderate-term on-the-job training
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4061	Social Science Research Assistants	*	*	*	*	*	*	NA	Associate degree
R&D	19-4093	Forest & Conservation Technicians	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	3278	885	27	88	92	180	\$18,770	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	2168	443	20.43	44	108	152	\$18,770	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	1011	188	18.6	19	36	55	\$19,020	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	954	249	26.1	25	20	45	\$21,692	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	734	136	18.53	14	26	40	\$19,234	Short-term on-the-job training
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWkrs	830	166	20	17	18	35	\$27,305	1-5 yrs experience
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Shop	361	51	14.13	5	26	31	\$18,549	Short-term on-the-job training
Rest/Hotel	35-9021	Dishwashers	499	85	17.03	8	23	31	\$18,649	Short-term on-the-job training
Rest/Hotel	37-2012	Maid & Housekeeping Cleaners	1346	77	5.72	8	23	31	\$19,066	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Shop	320	53	16.56	5	22	27	\$18,676	None
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpers	510	65	12.75	6	19	25	\$18,916	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	711	55	7.74	6	15	21	\$18,617	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	456	83	18.2	8	10	18	\$22,547	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	294	57	19.39	6	8	14	\$18,818	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	178	26	14.61	3	4	7	\$21,035	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	133	-8	-6.02	0	7	7	\$18,615	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	109	22	20.18	2	4	6	\$20,759	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	108	7	6.48	1	2	3	\$38,178	1-5 yrs experience
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	29	0	0	0	2	2	NA	Short-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	28	9	32.14	1	1	2	NA	Short-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	24	6	25	1	1	2	NA	Moderate-term on-the-job training
Rest/Hotel	39-6012	Concierges	21	3	14.29	0	0	0	NA	Moderate-term on-the-job training

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TDL	53-3033	Truck Drivers, Light or Delivery Services	1584	463	29.23	46	32	78	\$30,195	Short-term on-the-job training
TDL	43-1011	1st-LineSpvrs/Mgrs Office/Adm.Support Wor	1311	214	16.32	21	35	56	\$41,171	1-5 yrs experience
TDL	49-3023	Automotive Service Techs/Mechanics	953	130	13.64	13	25	38	\$36,487	Long-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	948	111	11.71	11	27	38	\$28,089	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	1152	6	0.52	1	29	30	\$30,616	Short-term on-the-job training
TDL	53-1021	1st-LineSpvrs/Mgrs Labors/Material Movers	316	114	36.08	11	6	17	\$44,012	Long-term on-the-job training
TDL	53-3022	Bus Drivers, School	417	47	11.27	5	8	13	\$28,864	Moderate-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	144	73	50.69	7	4	11	\$38,020	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	283	27	9.54	3	7	10	\$40,781	Moderate-term on-the-job training
TDL	43-5061	Production/Planning/Expediting Clerks	314	6	1.91	1	8	9	\$44,568	Moderate-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	203	41	20.2	4	4	8	\$36,978	Moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	198	31	15.66	3	4	7	\$47,557	Long-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	238	25	10.5	2	5	7	\$40,920	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	196	45	22.96	4	2	6	\$21,161	Short-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	118	12	10.17	1	3	4	\$78,287	More than 5 yrs work experience in a related occ
TDL	49-3093	Tire Repairers & Changers	80	18	22.5	2	2	4	NA	Work experience in a related occ
TDL	53-2031	Flight Attendants	96	8	8.33	1	2	3	NA	Moderate-term on-the-job training
TDL	53-4011	Locomotive Engineers	54	-5	-9.26	0	2	2	NA	Moderate-term on-the-job training

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

In-Demand Sectors and Occupations for the SNAP-JTED Program

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Standard Occupational Classification (SOC) Code	Title	Base Year Employment 2010	Employment Change 2010-2020		Average Annual Job Openings due to Growth	Average Annual Job Openings Replacements Total	Annual Ave. Wage rate 2013	Training/Education Level		
			Number	Percent						
Health	29-1111	Registered Nurses	57675	10478	18.17	1048	1044	2092	\$70,806	Associate or Bachelor degree
Health	31-1011	Home Health Aides	19138	8284	43.29	828	247	1075	\$21,812	Short-term on-the-job training
Health	31-1012	Nursing Aides, Orderlies & Attendants	25253	2586	10.24	259	326	585	\$25,090	Postsecondary non-degree vocational award
Health	29-2061	Licensed Practical & Vocational Nurses	10160	1088	10.71	109	271	380	\$46,498	Postsecondary non-degree vocational award
Health	29-2052	Pharmacy Technicians	6894	692	10.04	69	120	189	\$27,658	Postsecondary non-degree vocational award
Health	31-9092	Medical Assistants	6712	779	11.61	78	103	181	\$31,012	Postsecondary non-degree vocational award
Health	31-9091	Dental Assistants	5061	498	9.84	50	106	156	\$35,034	Moderate-term on-the-job training
Health	29-2021	Dental Hygienists	3517	547	15.55	55	70	125	\$74,731	Associate degree
Health	29-2037	Radiologic Technologists & Technicians	3806	523	13.74	52	59	111	\$59,570	Associate degree
Health	31-9799	Healthcare Support Workers, All Other	4702	244	5.19	24	72	96	\$36,578	Short-term on-the-job training
Health	29-2071	Medical Records/Health Information Techs	3507	249	7.1	25	70	95	\$37,108	Associate degree
Health	11-9051	Food Service Managers	4615	-132	-2.86	0	85	85	\$47,101	1-5 yrs experience
Health	31-2021	Physical Therapist Assistants	1569	376	23.96	38	24	62	\$54,022	Associate degree
Health	29-2012	Medical & Clinical Lab Technicians	2361	41	1.74	4	46	50	\$39,669	Associate degree
Health	29-2032	Diagnostic Medical Sonographers	934	246	26.34	25	14	39	\$70,015	Associate degree
Health	31-2022	Physical Therapist Aides	1010	196	19.41	20	16	36	\$23,288	Short-term on-the-job training
Health	29-1199	Health Diag/Treating Practitioners,All Othe	1091	82	7.52	8	21	29	\$71,289	Associate degree
Health	29-2031	Cardiovascular Technologists & Techs	830	124	14.94	12	13	25	\$49,252	Associate degree
Health	31-2011	Occupational Therapist Assistants	596	144	24.16	14	9	23	\$54,753	Associate degree
Health	31-9094	Medical Transcriptionists	1468	-142	-9.67	0	22	22	\$39,194	Postsecondary non-degree vocational award
Health	29-2051	Dietetic Technicians	787	47	5.97	5	14	19	\$22,512	Moderate-term on-the-job training
Health	31-9095	Pharmacy Aides	886	34	3.84	3	14	17	\$24,027	Short-term on-the-job training
Health	31-2012	Occupational Therapist Aides	211	33	15.64	3	3	6	\$19,249	Short-term on-the-job training
Health	29-2033	Nuclear Medicine Technologists	292	12	4.11	1	4	5	\$73,347	Associate degree
Manuf	53-7062	Laborers/Freight/Stock & Material Movers	48479	1681	3.47	168	1550	1718	\$22,968	Short-term on-the-job training
Manuf	53-7064	Packers & Packagers, Hand	20367	-349	-1.71	0	582	582	\$19,765	Short-term on-the-job training
Manuf	49-9071	Maintenance & Repair Workers, General	22242	867	3.9	87	409	496	\$39,696	Moderate-term on-the-job training
Manuf	51-2092	Team Assemblers	23276	-1022	-4.39	0	461	461	\$33,602	Moderate-term on-the-job training
Manuf	51-9399	Production Workers, All Other	8272	-285	-3.45	0	216	216	\$29,802	Moderate-term on-the-job training
Manuf	51-4041	Machinists	8746	-344	-3.93	0	161	161	\$41,232	Long-term on-the-job training
Manuf	51-9061	Inspect/Testers/Sorters/Samplers/Weighe	6799	-162	-2.38	0	148	148	\$35,775	Moderate-term on-the-job training
Manuf	49-1011	1st-LineSpvrs/Mgrs-Mechanics/Installers	5028	128	2.55	13	132	145	\$68,141	1-5 yrs experience
Manuf/Energy	51-4121	Welders, Cutters, Solderers & Brazers	4783	77	1.61	8	128	136	\$35,938	Less than 1 yr experience/moderate on-the-job training
Manuf	51-9111	Packaging/Filling Mach Operators/Tenders	7531	-235	-3.12	0	124	124	\$23,260	Moderate-term on-the-job training
Manuf/TDL	51-1011	1st-LineSpvrs/Mgrs Prod/Operating Worke	9365	-766	-8.18	0	122	122	\$56,234	Postsecondary non-degree vocational award/1-5 yrs experience
Manuf	49-9041	Industrial Machinery Mechanics	3889	451	11.6	45	75	120	\$55,640	Long-term on-the-job training/1-5 yrs experience
Manuf	51-3021	Butchers & Meat Cutters	3471	-99	-2.85	0	101	101	\$25,138	Long-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	5126	-1398	-27.27	0	100	100	\$39,885	Moderate-term on-the-job training
Manuf	51-3011	Bakers	3265	-139	-4.26	0	94	94	\$24,147	Long-term on-the-job training
Manuf	49-2022	Telecom Equipment Installers/Repairers	4278	223	5.21	22	68	90	\$59,251	Postsecondary non-degree vocational award/moderate on-the-job training
Manuf	51-2099	Assemblers & Fabricators, All Other	3986	-80	-2.01	0	79	79	\$28,344	Moderate-term on-the-job training
Manuf	51-4011	Computer-Controlled Mach Tool Operators	2655	216	8.14	22	51	73	\$38,951	Moderate-term on-the-job training
Manuf	51-3092	Food Batchmakers	2266	-122	-5.38	0	63	63	\$26,942	Short-term on-the-job training
Manuf	51-9023	Mixing/Blending Mach Setters/Operators	1991	-146	-7.33	0	59	59	\$29,717	Moderate-term on-the-job training
Manuf	51-4034	Lathe/Turning Mach Tool Setters/Operator	1502	-121	-8.06	0	54	54	\$40,453	Moderate-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters/Trimmers	1429	96	6.72	10	42	52	\$22,674	Short-term on-the-job training
Manuf	17-3012	Electrical & Electronics Drafters	360	7	1.94	1	7	8	\$56,047	Associate degree
IT	15-1150	Computer Support Specialists	10456	1020	9.76	102	275	377	\$50,168	Associate degree
IT	15-1799	Computer Occupations, All Other	4941	234	4.74	23	93	116	\$85,789	Associate degree
IT	17-3023	Electrical & Electronic Engineering Techs	1949	9	0.46	1	37	38	\$59,988	Associate degree
IT	43-9011	Computer Operators	2210	-253	-11.45	0	21	21	\$39,065	Moderate-term on-the-job training

In-Demand Sectors and Occupations for the SNAP-JTED Program

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Adm	43-3071	Tellers	13150	1451	11.03	145	541	686	\$25,122	Short-term on-the-job training
Adm/Health	43-4171	Receptionists & Information Clerks	16873	1726	10.23	173	510	683	\$27,605	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	34393	-917	-2.67	0	461	461	\$34,073	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	27609	1461	5.29	146	304	450	\$39,191	Short-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	23524	1159	4.93	116	315	431	\$52,068	1-5 yrs experience
Adm	43-3021	Billing/Posting Clerks & Machine Operators	8021	598	7.46	60	140	200	\$34,637	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	8249	819	9.93	82	111	193	\$48,606	Moderate-term on-the-job training
Adm	43-3011	Bill & Account Collectors	6988	510	7.3	51	136	187	\$35,788	Moderate-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	3434	276	8.04	28	154	182	\$23,147	Short-term on-the-job training
Adm	43-6013	Medical Secretaries	4722	1008	21.35	101	63	164	\$36,237	Moderate-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	3865	-336	-8.69	0	108	108	\$39,091	Short-term on-the-job training
Adm/TDL	43-4181	Reservation/Transportation Ticket Agents	4488	-128	-2.85	0	85	85	\$40,341	Moderate-term on-the-job training
Adm/Fin	43-4131	Loan Interviewers & Clerks	3846	125	3.25	12	71	83	\$37,820	Short-term on-the-job training
Adm	43-4151	Order Clerks	2908	-161	-5.54	0	82	82	\$35,205	Short-term on-the-job training
Adm	43-4071	File Clerks	2981	-335	-11.24	0	78	78	\$26,719	Short-term on-the-job training
Adm	43-4141	New Accounts Clerks	1942	208	10.71	21	54	75	\$33,898	Short-term on-the-job training
Adm/Fin	43-4011	Brokerage Clerks	2690	-30	-1.12	0	75	75	\$43,749	Moderate-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	2221	47	2.12	5	62	67	\$42,366	Short-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	1235	92	7.45	9	35	44	\$46,377	Moderate-term on-the-job training
Adm/Fin	43-4041	Credit Authorizers, Checkers & Clerks	1208	68	5.63	7	34	41	\$41,022	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	1773	33	1.86	3	35	38	\$26,268	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	458	-52	-11.35	0	12	12	\$51,781	Associate degree/moderate on-the-job training
Adm	43-4021	Correspondence Clerks	210	-47	-22.38	0	6	6	\$29,750	Short-term on-the-job training
Adm	43-2021	Telephone Operators	143	-22	-15.38	0	4	4	\$25,684	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	71	-3	-4.23	0	2	2	\$53,405	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	*	*	*	*	*	*	\$38,522	Moderate-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	29208	355	1.22	36	687	723	\$58,271	Moderate-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	18669	3888	20.83	389	330	719	\$23,740	Short-term on-the-job training
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	2570	215	8.37	22	37	59	\$38,689	1-5 yrs experience
Agri	51-3023	Slaughterers & Meat Packers	1481	47	3.17	5	43	48	\$23,710	Moderate-term on-the-job training
Agri	29-2056	Veterinary Technologists & Technicians	1275	226	17.73	23	22	45	\$28,760	Associate degree
Agri	19-4021	Biological Technicians	656	103	15.7	10	22	32	\$39,440	Associate degree
Agri	19-4091	Environmental Science & Protection Techs	535	65	12.15	6	23	29	\$44,250	Associate degree
Agri	49-3041	Farm Equipment Mechanics	764	47	6.15	5	20	25	NA	Long-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	728	95	13.05	10	13	23	\$50,906	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	841	57	6.78	6	15	21	\$33,592	Short-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrsery/Grnhou	616	1	0.16	0	19	19	\$23,855	Short-term on-the-job training
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	1138	-13	-1.14	0	18	18	\$26,258	Short-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	357	15	4.2	2	12	14	\$40,592	Associate degree
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	512	44	8.59	4	9	13	\$51,609	Moderate-term on-the-job training
Agri	45-2041	Graders & Sorters, Agricultural Products	348	-26	-7.47	0	8	8	\$18,612	Short-term on-the-job training
Agri	45-2091	Agricultural Equipment Operators	267	-21	-7.87	0	8	8	NA	Moderate-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	276	-11	-3.99	0	5	5	\$61,155	Long-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	*	*	*	*	*	*	\$48,118	Long-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	*	*	*	*	*	*	NA	Short-term on-the-job training
Arch/Contr	47-2141	Painters, Construction & Maintenance	4719	586	12.42	59	103	162	\$60,937	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	3555	404	11.36	40	82	122	\$81,665	More than 5 yrs experience
Arch/Contr	47-2073	Operating Engins/Const.EquipOperators	3366	429	12.75	43	78	121	\$81,032	Moderate-term on-the-job training
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	2365	449	18.99	45	37	82	\$67,778	Moderate-term on-the-job training
Arch/Contr	47-4011	Construction & Building Inspectors	1676	204	12.17	20	50	70	\$63,524	More than 5 yrs experience/moderate on-the-job training
Arch/Contr	47-2181	Roofers	1835	195	10.63	20	38	58	\$42,733	Moderate-term on-the-job training
Arch/Contr	47-2021	Brickmasons & Blockmasons	1452	245	16.87	24	30	54	\$68,895	Apprenticeship
Arch/Contr	27-1025	Interior Designers	1124	123	10.94	12	35	47	\$55,481	Associate degree
Arch/Contr	47-2121	Glaziers	522	128	24.52	13	20	33	\$38,688	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	980	101	10.31	10	20	30	\$79,964	Apprenticeship

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Arch/Contr/R&D	17-3022	Civil Engineering Technicians	704	67	9.52	7	14	21	\$52,012	Associate degree
Arch/Contr	47-2044	Tile & Marble Setters	503	77	15.31	8	11	19	\$65,360	Long-term on-the-job training
Arch/Contr	17-3013	Mechanical Drafters	797	22	2.76	2	15	17	\$51,755	Associate degree
Energy	47-2031	Carpenters	13520	988	7.31	99	287	386	\$61,533	Apprenticeship
Energy	47-2111	Electricians	9020	1290	14.3	129	243	372	\$79,234	Apprenticeship
Energy	47-2061	Construction Laborers	19483	1695	8.7	170	156	326	\$51,686	Short-term on-the-job training
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	6423	1123	17.48	112	185	297	\$76,837	Apprenticeship
Energy	49-9021	HVAC Mechanics & Installers	2528	791	31.29	79	45	124	\$55,926	Postsecondary non-degree vocational award/long-term on-the-job training
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	4131	-95	-2.3	0	111	111	\$62,898	Long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	2668	74	2.77	7	55	62	\$63,024	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	46601	1776	3.81	178	1324	1502	\$35,406	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	6882	-1131	-16.43	0	176	176	\$65,744	Long-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	5616	419	7.46	42	126	168	\$46,308	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	4883	-652	-13.35	0	146	146	\$36,308	Moderate-term on-the-job training
Fin	13-2082	Tax Preparers	1664	72	4.33	7	37	44	\$56,241	Moderate-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	1490	50	3.36	5	32	37	\$55,969	Apprenticeship
Fin	41-9021	Real Estate Brokers	1385	32	2.31	3	31	34	\$68,961	1-5 yrs experience
Fin	23-2093	Title Examiners, Abstractors & Searchers	1123	-66	-5.88	0	17	17	\$38,378	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	\$60,924	Postsecondary non-degree vocational award/moderate-term on-the-job trainin
R&D	19-4099	Life/Phys/Social Science Techs, All Other	686	46	6.71	5	29	34	\$44,234	Associate degree
R&D	19-4031	Chemical Technicians	1175	150	12.77	15	17	32	\$29,129	Associate degree
R&D	17-3011	Architectural & Civil Drafters	1473	-99	-6.72	0	28	28	\$41,713	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	1149	-11	-0.96	0	22	22	\$63,755	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	629	53	8.43	5	12	17	\$47,542	Moderate-term on-the-job training
R&D	17-3026	Industrial Engineering Technicians	708	-35	-4.94	0	14	14	\$46,778	Associate degree
R&D	17-3025	Environmental Engineering Technicians	303	60	19.8	6	6	12	\$54,933	Associate degree
R&D	19-4092	Forensic Science Technicians	216	22	10.19	2	9	11	\$78,112	Associate degree
R&D	17-3019	Drafters, All Other	329	-49	-14.89	0	6	6	\$54,152	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	285	-7	-2.46	0	5	5	\$76,801	Associate degree
R&D	19-4061	Social Science Research Assistants	62	8	12.9	1	3	4	\$46,201	Associate degree
R&D	19-4093	Forest & Conservation Technicians	97	-5	-5.15	0	4	4	\$42,661	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Techs	106	14	13.21	1	2	3	NA	Associate degree
R&D	19-4041	Geological & Petroleum Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	49055	10872	22.16	1087	1369	2456	\$18,945	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	33180	5317	16.02	532	1656	2188	\$18,908	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	15171	2142	14.12	214	546	760	\$18,945	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	14570	3172	21.77	317	310	627	\$21,759	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	11048	1613	14.6	161	384	545	\$19,041	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	22538	1031	4.57	103	379	482	\$21,770	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Sho	5707	550	9.64	55	414	469	\$19,050	Short-term on-the-job training
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWker	12456	1992	15.99	199	264	463	\$28,127	1-5 yrs experience
Rest/Hotel	35-9021	Dishwashers	7481	1015	13.57	102	342	444	\$19,022	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Sho	4957	590	11.9	59	348	407	\$19,092	None
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpers	7868	667	8.48	67	293	360	\$19,200	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	10798	427	3.95	43	230	273	\$18,853	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	6091	801	13.15	80	130	210	\$26,524	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	4310	586	13.6	59	122	181	\$19,724	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	3063	538	17.56	54	122	176	\$22,794	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	2191	-166	-7.58	0	108	108	\$20,068	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	2651	326	12.3	33	56	89	\$21,724	Short-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	766	101	13.19	10	29	39	\$26,727	Moderate-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	1748	42	2.4	4	31	35	\$39,041	1-5 yrs experience
Rest/Hotel	39-6011	Baggage Porters & Bellhops	830	106	12.77	11	20	31	\$23,526	Short-term on-the-job training

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Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	452	34	7.52	3	26	29	\$19,461	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	452	51	11.28	5	11	16	\$27,791	Moderate-term on-the-job training
Rest/Hotel	41-2012	Gaming Change Persons/Booth Cashiers	21	137	652.38	14	1	15	NA	Short-term on-the-job training
Rest/Hotel	39-1011	Gaming Supervisors	*	*	*	*	*	*	\$35,547	1-5 yrs experience
Rest/Hotel	39-3011	Gaming Dealers	*	*	*	*	*	*	NA	Moderate-term on-the-job training
Rest/Hotel	43-3041	Gaming Cage Workers	*	*	*	*	*	*	NA	Short-term on-the-job training
TDL	43-1011	1st-LineSpvrs/Mgrs Office/Adm.Support W	21856	1298	5.94	130	585	715	\$54,198	1-5 yrs experience
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	25026	930	3.72	93	498	591	\$47,990	1-5 yrs experience/short-term on-the-job training
TDL	53-3033	Truck Drivers, Light or Delivery Services	15660	378	2.41	38	312	350	\$35,820	Short-term on-the-job training
TDL	49-3023	Automotive Service Techs/Mechanics	10416	587	5.64	59	269	328	\$36,183	Long-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	11971	-1324	-11.06	0	305	305	\$29,143	Short-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	9578	248	2.59	25	271	296	\$29,978	Short-term on-the-job training
TDL	53-3022	Bus Drivers, School	9934	892	8.98	89	192	281	\$29,403	Moderate-term on-the-job training
TDL	53-2031	Flight Attendants	8152	-284	-3.48	0	155	155	\$36,561	Moderate-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	5062	365	7.21	36	98	134	\$63,105	Moderate-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	3485	366	10.5	37	85	122	\$46,389	Short-term on-the-job training
TDL	53-1021	1st-LineSpvrs/Mgrs Labors/Material Mover	3220	512	15.9	51	66	117	\$50,893	1-5 yrs experience
TDL	43-5061	Production/Planning/Expediting Clerks	4017	-48	-1.19	0	105	105	\$46,695	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	3895	320	8.22	32	48	80	\$23,540	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	2895	76	2.63	8	70	78	\$49,352	Moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	3226	82	2.54	8	70	78	\$47,382	Long-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	3355	104	3.1	10	64	74	\$37,087	Moderate-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	2057	-43	-2.09	0	50	50	\$76,138	More than 5 yrs experience
TDL	53-4011	Locomotive Engineers	1264	-125	-9.89	0	45	45	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	49-3093	Tire Repairers & Changers	1081	80	7.4	8	28	36	\$28,734	Moderate-term on-the-job training

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Occupational Classification (SOC) Code	Occupational Title	Base Year	Employment Chg		Average Annual Job Openings			Annual	Training/Education Level	
		Employment 2010	2010-2020 Number	Percent	due to Growth	Replacements	Total	Ave. Wage rate 2013		
Health	29-1111	Registered Nurses	2408	344	14.29	34	44	78	\$47,592	Associate or Bachelor degree
Health	31-1012	Nursing Aides, Orderlies & Attendants	1944	184	9.47	18	25	43	\$22,547	Postsecondary non-degree vocational award
Health	31-1011	Home Health Aides	678	246	36.28	25	9	34	\$19,315	Short-term on-the-job training
Health	29-2061	Licensed Practical & Vocational Nurses	608	50	8.22	5	16	21	\$36,395	Postsecondary non-degree vocational award
Health	31-9092	Medical Assistants	260	32	12.31	3	4	7	\$26,700	Postsecondary non-degree vocational award
Health	29-2052	Pharmacy Technicians	220	9	4.09	1	4	5	\$27,038	Postsecondary non-degree vocational award
Health	31-9091	Dental Assistants	153	21	13.73	2	3	5	\$35,642	Moderate-term on-the-job training
Health	31-9799	Healthcare Support Workers, All Other	185	16	8.65	2	3	5	NA	Short-term on-the-job training
Health	29-2021	Dental Hygienists	107	18	16.82	2	2	4	\$61,706	Associate degree
Health	29-2037	Radiologic Technologists & Technicians	141	15	10.64	2	2	4	\$43,137	Associate degree
Health	29-2071	Medical Records/Health Information Techs	143	10	6.99	1	3	4	\$29,605	Associate degree
Health	11-9051	Food Service Managers	181	-1	-0.55	0	3	3	\$34,226	1-5 yrs experience
Health	31-2021	Physical Therapist Assistants	74	17	22.97	2	1	3	\$40,919	Associate degree
Health	31-2022	Physical Therapist Aides	53	9	16.98	1	1	2	\$26,798	Short-term on-the-job training
Health	29-1199	Health Diag/Treating Practitioners,All Other	35	5	14.29	0	1	1	NA	Associate degree
Health	29-2012	Medical & Clinical Lab Technicians	72	2	2.78	0	1	1	\$50,369	Associate degree
Health	29-2032	Diagnostic Medical Sonographers	31	9	29.03	1	0	1	\$59,731	Associate degree
Health	29-2051	Dietetic Technicians	43	2	4.65	0	1	1	NA	Moderate-term on-the-job training
Health	31-9094	Medical Transcriptionists	58	-4	-6.9	0	1	1	\$30,084	Postsecondary non-degree vocational award
Health	29-2031	Cardiovascular Technologists & Techs	31	4	12.9	0	0	0	\$42,853	Associate degree
Health	29-2033	Nuclear Medicine Technologists	10	1	10	0	0	0	\$65,012	Associate degree
Health	31-2012	Occupational Therapist Aides	15	1	6.67	0	0	0	NA	Short-term on-the-job training
Health	31-9095	Pharmacy Aides	27	2	7.41	0	0	0	NA	Short-term on-the-job training
Manuf	53-7062	Laborers/Freight/Stock & Material Movers	1571	65	4.14	6	50	56	\$24,646	Short-term on-the-job training
Manuf	51-2092	Team Assemblers	1002	26	2.59	3	20	23	\$29,790	Moderate-term on-the-job training
Manuf	53-7064	Packers & Packagers, Hand	752	-9	-1.2	0	22	22	\$26,049	Short-term on-the-job training
Manuf	49-9071	Maintenance & Repair Workers, General	832	35	4.21	4	15	19	\$34,397	Moderate-term on-the-job training
Manuf/Energy	51-4121	Welders, Cutters, Solderers & Brazers	295	27	9.15	3	8	11	\$31,816	Less than 1 yr experience/moderate-term on-the-job training
Manuf	51-9399	Production Workers, All Other	342	-5	-1.46	0	9	9	\$26,399	Moderate-term on-the-job training
Manuf	49-9041	Industrial Machinery Mechanics	198	39	19.7	4	4	8	\$48,426	Long-term on-the-job training
Manuf	51-4041	Machinists	465	5	1.08	0	8	8	\$39,555	Long-term on-the-job training
Manuf	49-1011	1st-LineSpvrs/Mgrs-Mechanics/Installers	244	7	2.87	1	6	7	\$49,598	1-5 yrs experience
Manuf	51-3021	Butchers & Meat Cutters	220	7	3.18	1	6	7	\$27,730	Long-term on-the-job training
Manuf	51-9061	Inspect/Testers/Sorters/Samplers/Weighers	255	10	3.92	1	6	7	\$31,532	Moderate-term on-the-job training
Manuf	51-3011	Bakers	204	-2	-0.98	0	6	6	\$19,756	Long-term on-the-job training
Manuf	51-4011	Computer-Controlled Mach Tool Operators	145	26	17.93	3	3	6	\$33,830	Moderate-term on-the-job training
Manuf	51-9111	Packaging/Filling Mach Operators/Tenders	339	-9	-2.65	0	6	6	\$24,983	Moderate-term on-the-job training
Manuf/TDL	51-1011	1st-LineSpvrs/Mgrs Prod/Operating Workers	439	-11	-2.51	0	6	6	\$47,013	Postsec non-degree vocational award/1-5 yrs experience
Manuf	51-3092	Food Batchmakers	179	-5	-2.79	0	5	5	\$41,876	Short-term on-the-job training
Manuf	51-4034	Lathe/Turning Mach Tool Setters/Operators	130	5	3.85	0	5	5	NA	Moderate-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters/Trimmers	109	9	8.26	1	3	4	NA	Short-term on-the-job training
Manuf	51-2099	Assemblers & Fabricators, All Other	132	0	0	0	3	3	\$20,735	Moderate-term on-the-job training
Manuf	51-9023	Mixing/Blending Mach Setters/Operators	107	-5	-4.67	0	3	3	\$29,455	Moderate-term on-the-job training
Manuf	49-2022	Telecom Equipment Installers/Repairers	101	4	3.96	0	2	2	\$66,342	Postsec non-degree vocational award/moderate-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	83	-12	-14.46	0	2	2	\$37,072	Moderate-term on-the-job training
Manuf	17-3012	Electrical & Electronics Drafters	6	0	0	0	0	0	NA	Associate degree
IT	15-1150	Computer Support Specialists	248	14	5.65	1	6	7	\$37,058	Associate degree
IT	15-1799	Computer Occupations, All Other	114	2	1.75	0	2	2	\$51,531	Associate degree
IT	17-3023	Electrical & Electronic Engineering Techs	59	-1	-1.69	0	1	1	\$38,332	Associate degree
Adm/Health	43-4171	Receptionists & Information Clerks	566	75	13.25	8	17	25	\$23,817	Short-term on-the-job training
Adm	43-3071	Tellers	386	59	15.28	6	16	22	\$24,133	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	1214	-39	-3.21	0	16	16	\$25,568	Short-term on-the-job training

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Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	1041	38	3.65	4	11	15	\$31,112	Moderate-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	761	16	2.1	2	10	12	\$39,526	1-5 yrs experience
Adm	43-4121	Library Assistants, Clerical	151	7	4.64	1	7	8	\$19,316	Short-term on-the-job training
Adm	43-3011	Bill & Account Collectors	234	18	7.69	2	5	7	\$30,538	Moderate-term on-the-job training
Adm	43-3021	Billing/Posting Clerks & Machine Operators	273	22	8.06	2	5	7	\$28,748	Short-term on-the-job training
Adm	43-6013	Medical Secretaries	184	38	20.65	4	2	6	\$24,962	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	112	9	8.04	1	2	3	\$36,573	Moderate-term on-the-job training
Adm	43-4141	New Accounts Clerks	52	8	15.38	1	2	3	\$28,158	Short-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	56	2	3.57	0	2	2	\$27,059	Moderate-term on-the-job training
Adm	43-4071	File Clerks	80	-5	-6.25	0	2	2	\$18,951	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	59	6	10.17	1	1	2	NA	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	73	0	0	0	2	2	\$39,181	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	93	8	8.6	1	1	2	\$34,673	Moderate-term on-the-job training
Adm	43-3061	Procurement Clerks	33	0	0	0	1	1	\$39,499	Moderate-term on-the-job training
Adm	43-4021	Correspondence Clerks	5	0	0	0	0	0	NA	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	10	-1	-10	0	0	0	\$49,223	Associate degree/moderate on-the-job training
Adm	43-2021	Telephone Operators	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	*	*	*	*	*	*	NA	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	6304	268	4.25	27	123	150	NA	Long-term on-the-job training
Agri	45-2092	Farmwrkrs/Laborers/Crop/Nrsery/Grnhouse	3227	-426	-13.2	0	98	98	\$21,883	Short-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	1311	34	2.59	3	31	34	NA	Moderate-term on-the-job training
Agri	45-2091	Agricultural Equipment Operators	356	-46	-12.92	0	11	11	\$36,205	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	368	-50	-13.59	0	11	11	NA	Short-term on-the-job training
Agri	45-2041	Graders & Sorters, Agricultural Products	145	-17	-11.72	0	4	4	NA	Short-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	117	6	5.13	1	3	4	NA	Moderate-term on-the-job training
Agri	29-2056	Veterinary Technologists & Technicians	45	10	22.22	1	1	2	\$24,871	Associate degree
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	91	8	8.79	1	1	2	\$49,983	1-5 yrs experience
Agri	19-4011	Agricultural & Food Science Technicians	22	0	0	0	1	1	\$33,893	Associate degree
Agri	19-4021	Biological Technicians	25	5	20	0	1	1	NA	Associate degree
Agri	19-4091	Environmental Science & Protection Techs	17	-2	-11.76	0	1	1	NA	Associate degree
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	42	3	7.14	0	1	1	\$22,759	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	32	2	6.25	0	1	1	\$22,878	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	36	-1	-2.78	0	1	1	\$40,860	Long-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	21	0	0	0	0	0	\$41,293	Long-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	27	3	11.11	0	0	0	NA	Moderate-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	19	2	10.53	0	0	0	NA	Short-term on-the-job training
Arch/Contr	47-2073	Operating Enginrs/Const.EquipOperators	261	7	2.68	1	6	7	\$38,196	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	197	8	4.06	1	4	5	\$52,017	More than 5 yrs experience
Arch/Contr	47-2141	Painters, Construction & Maintenance	165	13	7.88	1	4	5	\$29,209	Moderate-term on-the-job training
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	107	11	10.28	1	2	3	\$34,866	Moderate-term on-the-job training
Arch/Contr	17-3013	Mechanical Drafters	31	2	6.45	0	1	1	\$37,703	Associate degree
Arch/Contr	47-2021	Brickmasons & Blockmasons	51	0	0	0	1	1	\$38,989	Apprenticeship
Arch/Contr	47-2121	Glaziers	18	2	11.11	0	1	1	NA	Apprenticeship
Arch/Contr	47-2181	Roofers	59	-2	-3.39	0	1	1	\$34,595	Moderate-term on-the-job training
Arch/Contr	47-2221	Structural Iron & Steel Workers	36	0	0	0	1	1	NA	Apprenticeship
Arch/Contr	47-4011	Construction & Building Inspectors	41	3	7.32	0	1	1	\$54,959	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	17	2	11.76	0	0	0	NA	Associate degree
Arch/Contr	47-2044	Tile & Marble Setters	18	0	0	0	0	0	NA	Long-term on-the-job training
Energy	47-2031	Carpenters	628	40	6.37	4	13	17	\$33,182	Apprenticeship
Energy	47-2061	Construction Laborers	661	50	7.56	5	5	10	\$28,148	Short-term on-the-job training
Energy	47-2111	Electricians	329	-2	-0.61	0	9	9	\$61,506	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	284	2	0.7	0	8	8	\$29,625	Apprenticeship
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	123	-2	-1.63	0	3	3	\$49,151	Long-term on-the-job training
Energy	49-9021	HVAC Mechanics & Installers	84	14	16.67	1	2	3	\$26,157	Postsec non-degree vocational award/long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	*	*	*	*	*	*	\$44,239	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	1414	130	9.19	13	40	53	\$29,583	Short-term on-the-job training

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Fin	13-1031	Claims Adjusters/Examiners/Investigators	155	14	9.03	1	4	5	\$33,869	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	110	17	15.45	2	3	5	\$30,276	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	67	12	17.91	1	2	3	NA	Long-term on-the-job training
Fin/Adm	43-4131	Loan Interviewers & Clerks	111	9	8.11	1	2	3	\$30,652	Short-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	30	1	3.33	0	1	1	\$39,081	Apprenticeship
Fin	13-2082	Tax Preparers	26	3	11.54	0	1	1	NA	Moderate-term on-the-job training
Fin/Adm	43-4041	Credit Authorizers, Checkers & Clerks	38	4	10.53	0	1	1	NA	Short-term on-the-job training
Fin	23-2093	Title Examiners, Abstractors & Searchers	16	-1	-6.25	0	0	0	NA	Short-term on-the-job training
Fin/Adm	43-4011	Brokerage Clerks	14	2	14.29	0	0	0	NA	Moderate-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	NA	Postsec non-degree vocational award/moderate-term on-the-job training
Fin	41-9021	Real Estate Brokers	*	*	*	*	*	*	NA	1-5 yrs experience
R&D	17-3026	Industrial Engineering Technicians	30	0	0	0	1	1	NA	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	31	-1	-3.23	0	1	1	\$59,183	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	21	1	4.76	0	1	1	\$49,631	Associate degree
R&D	17-3011	Architectural & Civil Drafters	17	-1	-5.88	0	0	0	NA	Associate degree
R&D	17-3019	Drafters, All Other	6	-2	-33.33	0	0	0	NA	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	8	-1	-12.5	0	0	0	NA	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	26	0	0	0	0	0	\$41,674	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	9	0	0	0	0	0	\$41,062	Moderate-term on-the-job training
R&D	19-4031	Chemical Technicians	25	3	12	0	0	0	NA	Associate degree
R&D	19-4092	Forensic Science Technicians	13	-1	-7.69	0	0	0	NA	Associate degree
R&D/Arch/Contr	17-3022	Civil Engineering Technicians	14	1	7.14	0	0	0	\$42,332	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Techs	*	*	*	*	*	*	NA	Associate degree
R&D	17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	\$23,958	Associate degree
R&D	19-4041	Geological & Petroleum Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4061	Social Science Research Assistants	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	1903	303	15.92	30	53	83	\$18,762	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	1191	125	10.5	12	60	72	\$18,625	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	688	53	7.7	5	25	30	\$18,605	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	919	48	5.22	5	16	21	\$18,733	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	530	78	14.72	8	11	19	\$19,271	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	378	39	10.32	4	13	17	\$18,841	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Coffee Shop	223	14	6.28	1	16	17	\$18,496	Short-term on-the-job training
Rest/Hotel	35-9021	Dishwashers	306	30	9.8	3	14	17	\$18,706	Short-term on-the-job training
Rest/Hotel/Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWkrs	496	50	10.08	5	10	15	\$21,153	1-5 yrs experience
Rest/Hotel/Health	35-2012	Cooks, Institution & Cafeteria	369	55	14.91	6	8	14	\$19,421	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Shop	175	10	5.71	1	12	13	\$18,844	None
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	220	42	19.09	4	6	10	\$19,041	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	394	-7	-1.78	0	8	8	\$18,449	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	74	-8	-10.81	0	4	4	NA	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	82	13	15.85	1	3	4	\$19,782	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	108	7	6.48	1	2	3	\$19,394	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	63	-1	-1.59	0	1	1	\$23,028	1-5 yrs experience
Rest/Hotel	39-6011	Baggage Porters & Bellhops	15	1	6.67	0	0	0	NA	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	11	3	27.27	0	0	0	NA	Moderate-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	13	-1	-7.69	0	0	0	NA	Moderate-term on-the-job training
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	*	*	*	*	*	*	NA	Short-term on-the-job training
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	1780	94	5.28	9	35	44	\$33,069	1-5 yrs experience/short-term on-the-job training
TDL	43-1011	1st-LineSpvrs/Mgrs Office/Adm.Support Work	735	54	7.35	5	20	25	\$42,241	1-5 yrs experience
TDL	49-3023	Automotive Service Techs/Mechanics	591	67	11.34	7	15	22	\$30,519	Long-term on-the-job training
TDL	53-3033	Truck Drivers, Light or Delivery Services	727	23	3.16	2	14	16	\$19,826	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	463	-40	-8.64	0	12	12	\$24,410	Short-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	395	6	1.52	1	11	12	\$30,038	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	156	16	10.26	2	4	6	\$46,203	Moderate-term on-the-job training
TDL	53-4011	Locomotive Engineers	130	-14	-10.77	0	5	5	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	144	9	6.25	1	3	4	\$33,577	Long-term on-the-job training

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TDL	53-3022	Bus Drivers, School	229	2	0.87	0	4	4	\$25,472	Moderate-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	128	6	4.69	1	2	3	\$34,655	Moderate-term on-the-job training
TDL	43-5061	Production/Planning/Expediting Clerks	128	1	0.78	0	3	3	\$29,812	Moderate-term on-the-job training
TDL	53-1021	1st-LineSpvrs/Mgrs Labors/Material Movers	115	14	12.17	1	2	3	\$45,771	1-5 yrs experience
TDL	11-3071	Transportation/Storage/Distribution Mgrs	87	0	0	0	2	2	\$64,697	More than 5 yrs experience
TDL	49-3093	Tire Repairers & Changers	55	6	10.91	1	1	2	\$21,358	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	99	13	13.13	1	1	2	\$20,477	Short-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	49	5	10.2	0	1	1	NA	Short-term on-the-job training
TDL/Adm	43-4181	Reservation/Transportation Ticket Agents	32	-2	-6.25	0	1	1	NA	Short-term on-the-job training
TDL	53-2031	Flight Attendants	18	1	5.56	0	0	0	NA	Moderate-term on-the-job training

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Occupational Classification (SOC) Code	Title	Base Year	Employment Change		Average Annual Job Openings		Annual		Training/Education Level	
		Employment 2010	2010-2020 Number	Percent	due to Growth	Replacement	Total	Ave. Wage 2013		
Health	29-1111	Registered Nurses	4649	887	19.08	89	84	173	\$54,583	Associate or Bachelor degree
Health	31-1012	Nursing Aides, Orderlies & Attendants	2002	139	6.94	14	26	40	\$27,226	Postsecondary non-degree vocational award
Health	31-1011	Home Health Aides	687	287	41.78	29	9	38	\$20,196	Short-term on-the-job training
Health	29-2061	Licensed Practical & Vocational Nurses	710	45	6.34	4	19	23	\$44,053	Postsecondary non-degree vocational award
Health	31-9092	Medical Assistants	544	78	14.34	8	8	16	\$30,609	Postsecondary non-degree vocational award
Health	29-2037	Radiologic Technologists & Technicians	355	52	14.65	5	6	11	\$57,226	Associate degree
Health	31-9091	Dental Assistants	268	42	15.67	4	6	10	\$30,448	Moderate-term on-the-job training
Health	29-2021	Dental Hygienists	187	43	22.99	4	4	8	\$52,592	Associate degree
Health	29-2071	Medical Records/Health Information Techs	305	23	7.54	2	6	8	\$31,028	Associate degree
Health	31-9799	Healthcare Support Workers, All Other	408	13	3.19	1	6	7	\$30,841	Short-term on-the-job training
Health	11-9051	Food Service Managers	201	-16	-7.96	0	4	4	\$41,605	1-5 yrs experience
Health	29-2012	Medical & Clinical Lab Technicians	204	0	0	0	4	4	\$38,301	Associate degree
Health	29-1199	Health Diag/Treating Practitioners,All Othe	89	8	8.99	1	2	3	NA	Associate degree
Health	29-2032	Diagnostic Medical Sonographers	80	22	27.5	2	1	3	\$66,080	Associate degree
Health	31-2021	Physical Therapist Assistants	98	13	13.27	1	2	3	\$43,011	Associate degree
Health	29-2031	Cardiovascular Technologists & Techs	81	12	14.81	1	1	2	\$52,139	Associate degree
Health	31-2022	Physical Therapist Aides	65	6	9.23	1	1	2	NA	Short-term on-the-job training
Health	31-9094	Medical Transcriptionists	137	-11	-8.03	0	2	2	\$35,609	Postsecondary non-degree vocational award
Health	29-2051	Dietetic Technicians	70	3	4.29	0	1	1	\$19,702	Moderate-term on-the-job training
Health	31-2011	Occupational Therapist Assistants	36	5	13.89	0	1	1	\$38,008	Associate degree
Health	31-9095	Pharmacy Aides	43	3	6.98	0	1	1	NA	Short-term on-the-job training
Health	29-2033	Nuclear Medicine Technologists	27	0	0	0	0	0	\$66,839	Associate degree
Health	31-2012	Occupational Therapist Aides	15	1	6.67	0	0	0	NA	Short-term on-the-job training
Manuf	53-7062	Laborers/Freight/Stock & Material Movers	2057	229	11.13	23	66	89	\$24,211	Short-term on-the-job training
Manuf	51-2092	Team Assemblers	1282	73	5.69	7	25	32	\$33,386	Moderate-term on-the-job training
Manuf	49-9071	Maintenance & Repair Workers, General	1170	51	4.36	5	22	27	\$37,252	Moderate-term on-the-job training
Manuf	53-7064	Packers & Packagers, Hand	778	53	6.81	5	22	27	\$25,413	Short-term on-the-job training
Manuf	51-4041	Machinists	618	22	3.56	2	11	13	\$38,057	Long-term on-the-job training
Manuf	51-9399	Production Workers, All Other	422	21	4.98	2	11	13	\$35,113	Moderate-term on-the-job training
Manuf/Energy	51-4121	Welders, Cutters, Solderers & Brazers	390	32	8.21	3	10	13	\$34,777	Less than 1 yr experience/moderate-term on-the-job training
Manuf	49-9041	Industrial Machinery Mechanics	309	65	21.04	6	6	12	\$53,532	Long-term on-the-job training
Manuf	51-9061	Inspect/Testers/Sorters/Samplers/Weigher	375	26	6.93	3	8	11	\$34,305	Moderate-term on-the-job training
Manuf	49-1011	1st-Line Spvrs/Mgrs-Mechanics/Installers	320	15	4.69	2	8	10	\$58,037	1-5 yrs experience
Manuf	51-4034	Lathe/Turning Mach Tool Setters/Operator	204	22	10.78	2	7	9	\$46,577	Moderate-term on-the-job training
Manuf	51-4011	Computer-Controlled Mach Tool Operators	202	35	17.33	4	4	8	\$44,358	Moderate-term on-the-job training
Manuf	51-9111	Packaging/Filling Mach Operators/Tenders	308	12	3.9	1	5	6	\$30,302	Moderate-term on-the-job training
Manuf	49-2022	Telecom Equipment Installers/Repairers	190	14	7.37	1	3	4	\$65,127	Postsec non-degree vocational award/moderate-term on-the-job training
Manuf	51-2099	Assemblers & Fabricators, All Other	185	5	2.7	0	4	4	\$28,636	Moderate-term on-the-job training
Manuf	51-3011	Bakers	135	-4	-2.96	0	4	4	\$20,569	Long-term on-the-job training
Manuf	51-3021	Butchers & Meat Cutters	140	5	3.57	0	4	4	\$31,062	Long-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters/Trimmers	55	6	10.91	1	2	3	NA	Short-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	171	-37	-21.64	0	3	3	\$36,397	Moderate-term on-the-job training
Manuf	51-9023	Mixing/Blending Mach Setters/Operators	92	0	0	0	3	3	\$30,194	Moderate-term on-the-job training
Manuf	51-3092	Food Batchmakers	88	-2	-2.27	0	2	2	\$23,525	Short-term on-the-job training
Manuf	17-3012	Electrical & Electronics Drafters	19	0	0	0	0	0	NA	Associate degree
IT	15-1150	Computer Support Specialists	365	40	10.96	4	10	14	\$43,255	Associate degree
IT	15-1799	Computer Occupations, All Other	226	10	4.42	1	4	5	\$66,300	Associate degree
IT	43-9011	Computer Operators	61	-1	-1.64	0	1	1	\$28,208	Moderate-term on-the-job training
Adm/Health	43-4171	Receptionists & Information Clerks	911	129	14.16	13	28	41	\$24,113	Short-term on-the-job training
Adm	43-3071	Tellers	380	67	17.63	7	16	23	\$24,101	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	1602	-9	-0.56	0	22	22	\$28,777	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	1199	77	6.42	8	13	21	\$34,272	Moderate-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	1019	55	5.4	6	14	20	\$37,089	1-5 yrs experience
Adm	43-3011	Bill & Account Collectors	492	83	16.87	8	10	18	\$33,892	Moderate-term on-the-job training

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Adm	43-6013	Medical Secretaries	366	80	21.86	8	5	13	\$32,800	Moderate-term on-the-job training
Adm	43-3021	Billing/Posting Clerks & Machine Operator	414	37	8.94	4	7	11	\$31,790	Short-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	129	8	6.2	1	6	7	\$25,104	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	211	32	15.17	3	3	6	\$34,884	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	140	7	5	1	3	4	\$38,415	Moderate-term on-the-job training
Adm	43-4071	File Clerks	133	-15	-11.28	0	4	4	\$28,458	Short-term on-the-job training
Adm	43-4151	Order Clerks	129	-5	-3.88	0	4	4	\$30,001	Short-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	125	-18	-14.4	0	4	4	\$39,657	Short-term on-the-job training
Adm	43-4141	New Accounts Clerks	53	10	18.87	1	2	3	NA	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	102	4	3.92	0	3	3	\$36,786	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	47	1	2.13	0	2	2	\$27,800	Moderate-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	49	3	6.12	0	1	1	\$37,729	Moderate-term on-the-job training
Adm	43-4021	Correspondence Clerks	7	0	0	0	0	0	NA	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	19	-3	-15.79	0	0	0	\$48,630	Associate degree/moderate-term on-the-job training
Adm	43-2021	Telephone Operators	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	*	*	*	*	*	*	NA	Short-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	1052	294	27.95	29	19	48	\$22,806	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	2053	54	2.63	5	40	45	NA	Long-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrsery/Grnhous	1184	-155	-13.09	0	36	36	\$42,176	Short-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	1256	48	3.82	5	30	35	\$49,074	Moderate-term on-the-job training
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	136	17	12.5	2	2	4	\$36,433	1-5 yrs experience
Agri	45-2091	Agricultural Equipment Operators	128	-16	-12.5	0	4	4	NA	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	134	-18	-13.43	0	4	4	NA	Short-term on-the-job training
Agri	19-4021	Biological Technicians	67	5	7.46	0	2	2	NA	Associate degree
Agri	37-3013	Tree Trimmers & Pruners	46	8	17.39	1	1	2	NA	Short-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	54	4	7.41	0	2	2	NA	Moderate-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	42	2	4.76	0	1	1	NA	Associate degree
Agri	19-4091	Environmental Science & Protection Techs	30	1	3.33	0	1	1	NA	Associate degree
Agri	37-3019	Grounds Maintenance Workers, All Other	37	3	8.11	0	1	1	\$26,117	Short-term on-the-job training
Agri	45-2041	Graders & Sorters, Agricultural Products	57	-5	-8.77	0	1	1	NA	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	42	1	2.38	0	1	1	\$38,582	Long-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	11	3	27.27	0	0	0	\$52,126	Long-term on-the-job training
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	34	2	5.88	0	0	0	NA	Short-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	30	3	10	0	0	0	NA	Moderate-term on-the-job training
Arch/Contr	47-2141	Painters, Construction & Maintenance	257	13	5.06	1	6	7	\$49,495	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	228	4	1.75	0	5	5	\$61,465	More than 5 yrs experience
Arch/Contr	47-4011	Construction & Building Inspectors	86	15	17.44	2	2	4	\$56,525	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	79	12	15.19	1	2	3	NA	Associate degree
Arch/Contr	17-3013	Mechanical Drafters	69	6	8.7	1	1	2	\$48,691	Associate degree
Arch/Contr	47-2021	Brickmasons & Blockmasons	83	1	1.2	0	2	2	NA	Apprenticeship
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	158	5	3.16	0	2	2	\$43,252	Moderate-term on-the-job training
Arch/Contr	47-2181	Roofers	105	-7	-6.67	0	2	2	\$34,187	Moderate-term on-the-job training
Arch/Contr/R&D	17-3022	Civil Engineering Technicians	44	6	13.64	1	1	2	\$48,512	Associate degree
Arch/Contr	47-2121	Glaziers	30	4	13.33	0	1	1	NA	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	58	-2	-3.45	0	1	1	\$68,077	Apprenticeship
Arch/Contr	47-2044	Tile & Marble Setters	25	3	12	0	0	0	NA	Long-term on-the-job training
Energy	47-2031	Carpenters	853	42	4.92	4	18	22	\$48,501	Apprenticeship
Energy	47-2061	Construction Laborers	1067	74	6.94	7	8	15	\$30,148	Short-term on-the-job training
Energy	47-2111	Electricians	524	-4	-0.76	0	14	14	\$66,092	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	408	5	1.23	0	12	12	\$70,499	Apprenticeship
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	189	1	0.53	0	5	5	\$68,888	Long-term on-the-job training
Energy	49-9021	HVAC Mechanics & Installers	143	21	14.69	2	2	4	\$56,003	Postsec non-degree vocational award/long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	*	*	*	*	*	*	\$56,275	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	1927	232	12.04	23	55	78	\$25,778	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	251	25	9.96	2	6	8	\$63,841	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	171	32	18.71	3	5	8	\$40,324	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	190	27	14.21	3	4	7	\$27,034	Long-term on-the-job training
Fin/Adm	43-4131	Loan Interviewers & Clerks	113	10	8.85	1	2	3	\$30,641	Short-term on-the-job training

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Fin/Adm	43-4011	Brokerage Clerks	24	8	33.33	1	1	2	\$40,374	Moderate-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	51	3	5.88	0	1	1	\$48,533	Apprenticeship
Fin	13-2082	Tax Preparers	45	3	6.67	0	1	1	NA	Moderate-term on-the-job training
Fin	41-9021	Real Estate Brokers	44	5	11.36	0	1	1	#####	1-5 yrs experience
Fin/Adm	43-4041	Credit Authorizers, Checkers & Clerks	39	5	12.82	0	1	1	\$35,585	Short-term on-the-job training
Fin	23-2093	Title Examiners, Abstractors & Searchers	32	1	3.12	0	0	0	NA	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	NA	Postsec non-degree vocational award/moderate-term on-the-job training
R&D	19-4031	Chemical Technicians	72	15	20.83	2	1	3	\$36,575	Associate degree
R&D	17-3011	Architectural & Civil Drafters	104	1	0.96	0	2	2	\$42,210	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	88	0	0	0	2	2	\$57,633	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	39	1	2.56	0	2	2	\$55,364	Associate degree
R&D	17-3026	Industrial Engineering Technicians	39	5	12.82	0	1	1	\$50,468	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	44	5	11.36	0	1	1	\$41,986	Moderate-term on-the-job training
R&D	17-3019	Drafters, All Other	22	-4	-18.18	0	0	0	\$37,024	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	13	0	0	0	0	0	NA	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Tech	*	*	*	*	*	*	NA	Associate degree
R&D	17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4061	Social Science Research Assistants	*	*	*	*	*	*	NA	Associate degree
R&D	19-4093	Forest & Conservation Technicians	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	2351	210	8.93	21	66	87	\$18,879	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	1560	59	3.78	6	78	84	\$18,820	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	774	33	4.26	3	28	31	\$18,796	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	1169	49	4.19	5	20	25	\$19,551	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	688	54	7.85	5	15	20	\$20,883	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	508	19	3.74	2	18	20	\$18,869	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Shop	258	6	2.33	1	19	20	\$20,078	Short-term on-the-job training
Rest/Hotel	35-9021	Dishwashers	365	12	3.29	1	17	18	\$18,553	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Sho	232	0	0	0	16	16	\$19,492	None
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWkrs	603	29	4.81	3	13	16	\$27,844	1-5 yrs experience
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helper	383	2	0.52	0	14	14	\$18,919	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	375	36	9.6	4	8	12	\$20,172	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	508	-43	-8.46	0	11	11	\$18,900	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	237	35	14.77	4	7	11	\$20,822	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	107	26	24.3	3	4	7	NA	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	115	-15	-13.04	0	6	6	NA	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	130	2	1.54	0	3	3	\$22,196	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	83	-3	-3.61	0	2	2	\$27,228	1-5 yrs experience
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	23	1	4.35	0	1	1	NA	Short-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	27	5	18.52	0	1	1	NA	Short-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	15	1	6.67	0	1	1	NA	Moderate-term on-the-job training
Rest/Hotel	39-6012	Concierges	19	2	10.53	0	0	0	NA	Moderate-term on-the-job training
TDL	49-3023	Automotive Service Techs/Mechanics	863	142	16.45	14	22	36	\$33,243	Moderate-term on-the-job training
TDL	43-1011	1st-LineSpvrs/Mgrs Office/Adm.Support W	939	92	9.8	9	25	34	\$40,067	1-5 yrs experience
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	1013	82	8.09	8	20	28	\$37,627	1-5 yrs experience/short-term on-the-job training
TDL	53-3033	Truck Drivers, Light or Delivery Services	668	58	8.68	6	13	19	\$26,812	Short-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	445	37	8.31	4	13	17	\$33,877	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	561	-35	-6.24	0	14	14	\$29,503	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	279	44	15.77	4	7	11	\$45,729	Moderate-term on-the-job training
TDL	53-3022	Bus Drivers, School	327	38	11.62	4	6	10	\$19,413	Moderate-term on-the-job training
TDL	53-1021	1st-LineSpvrs/Mgrs Labors/Material Move	138	41	29.71	4	3	7	\$43,304	1-5 yrs experience
TDL	43-5061	Production/Planning/Expediting Clerks	206	-2	-0.97	0	5	5	\$39,512	Short-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	192	10	5.21	1	4	5	NA	Moderate-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	74	18	24.32	2	2	4	NA	Short-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	136	12	8.82	1	3	4	\$40,772	Moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	131	11	8.4	1	3	4	\$45,932	Long-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	122	22	18.03	2	2	4	\$18,782	Short-term on-the-job training
TDL	49-3093	Tire Repairers & Changers	70	12	17.14	1	2	3	\$23,391	Moderate-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	77	-5	-6.49	0	2	2	\$87,540	More than 5 yrs experience

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TDL	53-4011	Locomotive Engineers	41	-4	-9.76	0	2	2	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	53-2031	Flight Attendants	33	1	3.03	0	1	1	NA	Moderate-term on-the-job training

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Code	Occupational Classification (SOC) Title	Base Year Employment	Employment Change 2010-2020		Average Annual Job Openings due to			Annual Ave. Wage rate		Training/Education Level
			2010	Number	Percent	Growth	Replacements	Total	2013	
Health	29-1111 Registered Nurses	1452	91	6.27	9	26	35	\$61,051	Associate or Bachelor degree	
Health	31-1012 Nursing Aides, Orderlies & Attendants	663	41	6.18	4	9	13	\$25,359	Postsecondary non-degree vocational award	
Health	31-1011 Home Health Aides	233	86	36.91	9	3	12	\$23,182	Short-term on-the-job training	
Health	29-2061 Licensed Practical & Vocational Nurses	226	21	9.29	2	6	8	\$42,058	Postsecondary non-degree vocational award	
Health	31-9092 Medical Assistants	162	28	17.28	3	2	5	\$24,781	Postsecondary non-degree vocational award	
Health	29-2021 Dental Hygienists	78	12	15.38	1	2	3	\$56,198	Associate degree	
Health	29-2052 Pharmacy Technicians	153	4	2.61	0	3	3	\$25,361	Postsecondary non-degree vocational award	
Health	31-9091 Dental Assistants	108	13	12.04	1	2	3	\$32,240	Moderate-term on-the-job training	
Health	11-9051 Food Service Managers	104	-8	-7.69	0	2	2	\$40,282	1-5 yrs experience	
Health	29-2037 Radiologic Technologists & Technicians	105	1	0.95	0	2	2	\$53,774	Associate degree	
Health	29-2071 Medical Records/Health Information Techs	87	-1	-1.15	0	2	2	\$34,931	Associate degree	
Health	31-9799 Healthcare Support Workers, All Other	118	-8	-6.78	0	2	2	\$28,730	Short-term on-the-job training	
Health	29-2012 Medical & Clinical Lab Technicians	52	-3	-5.77	0	1	1	\$40,460	Associate degree	
Health	31-9094 Medical Transcriptionists	41	-10	-24.39	0	1	1	\$19,278	Postsecondary non-degree vocational award	
Health	29-1199 Health Diag/Treating Practitioners,All Other	22	1	4.55	0	0	0	NA	Associate degree	
Health	29-2031 Cardiovascular Technologists & Techs	23	0	0	0	0	0	NA	Associate degree	
Health	29-2032 Diagnostic Medical Sonographers	23	3	13.04	0	0	0	NA	Associate degree	
Health	29-2033 Nuclear Medicine Technologists	8	-1	-12.5	0	0	0	NA	Associate degree	
Health	29-2051 Dietetic Technicians	22	-1	-4.55	0	0	0	NA	Moderate-term on-the-job training	
Health	31-2011 Occupational Therapist Assistants	11	2	18.18	0	0	0	NA	Associate degree	
Health	31-2012 Occupational Therapist Aides	5	1	20	0	0	0	NA	Short-term on-the-job training	
Health	31-2021 Physical Therapist Assistants	29	1	3.45	0	0	0	NA	Associate degree	
Health	31-2022 Physical Therapist Aides	19	2	10.53	0	0	0	NA	Short-term on-the-job training	
Health	31-9095 Pharmacy Aides	15	1	6.67	0	0	0	\$22,855	Short-term on-the-job training	
Manuf	53-7062 Laborers/Freight/Stock & Material Movers	1105	115	10.41	12	35	47	\$25,103	Short-term on-the-job training	
Manuf	53-7064 Packers & Packagers, Hand	609	-23	-3.78	0	17	17	\$21,590	Short-term on-the-job training	
Manuf	51-2092 Team Assemblers	771	-45	-5.84	0	15	15	\$38,520	Moderate-term on-the-job training	
Manuf	49-9071 Maintenance & Repair Workers, General	632	1	0.16	0	12	12	\$36,536	Moderate-term on-the-job training	
Manuf	51-3092 Food Batchmakers	344	-20	-5.81	0	10	10	NA	Short-term on-the-job training	
Manuf	51-9399 Production Workers, All Other	387	-20	-5.17	0	10	10	NA	Moderate-term on-the-job training	
Manuf	51-3011 Bakers	285	-11	-3.86	0	8	8	\$24,055	Long-term on-the-job training	
Manuf	51-9111 Packaging/Filling Mach Operators/Tenders	518	-36	-6.95	0	8	8	NA	Moderate-term on-the-job training	
Manuf	51-4041 Machinists	376	-45	-11.97	0	7	7	\$42,128	Long-term on-the-job training	
Manuf	49-9041 Industrial Machinery Mechanics	196	25	12.76	2	4	6	NA	Long-term on-the-job training	
Manuf	51-3021 Butchers & Meat Cutters	215	-1	-0.47	0	6	6	\$28,467	Long-term on-the-job training	
Manuf	51-4121 Welders, Cutters, Solderers & Brazers	232	-12	-5.17	0	6	6	\$38,603	Less than 1 yr experience/moderate-term on-the-job training	
Manuf/TDL	51-1011 1st-LineSpvrs/Mgrs Prod/Operating Workers	418	-37	-8.85	0	6	6	\$59,768	Postsec non-degree vocational award/1-5 yrs experience	
Manuf	49-1011 1st-LineSpvrs/Mgrs-Mechanics/Installers	181	1	0.55	0	5	5	\$57,721	1-5 yrs experience	
Manuf	51-4034 Lathe/Turning Mach Tool Setters/Operators	139	-10	-7.19	0	5	5	NA	Moderate-term on-the-job training	
Manuf	51-9023 Mixing/Blending Mach Setters/Operators	161	-14	-8.7	0	5	5	NA	Moderate-term on-the-job training	
Manuf	51-9061 Inspect/Testers/Sorters/Samplers/Weighers	230	-13	-5.65	0	5	5	\$33,880	Moderate-term on-the-job training	
Manuf	51-2099 Assemblers & Fabricators, All Other	82	-2	-2.44	0	2	2	\$23,230	Moderate-term on-the-job training	
Manuf	51-4011 Computer-Controlled Mach Tool Operators	124	-1	-0.81	0	2	2	NA	Moderate-term on-the-job training	
Manuf	51-5112 Printing Press Operators & Job Printers	85	-22	-25.88	0	2	2	\$33,608	Moderate-term on-the-job training	
Manuf	49-2022 Telecom Equipment Installers/Repairers	72	4	5.56	0	1	1	\$65,079	Postsec non-degree vocational award/moderate-term on-the-job training	
Manuf	17-3012 Electrical & Electronics Drafters	7	0	0	0	0	0	\$41,876	Associate degree	
IT	15-1150 Computer Support Specialists	139	5	3.6	0	4	4	\$49,000	Associate degree	
IT	15-1799 Computer Occupations, All Other	53	-3	-5.66	0	1	1	\$73,519	Associate degree	
IT	17-3023 Electrical & Electronic Engineering Techs	43	-3	-6.98	0	1	1	NA	Associate degree	
IT	43-9011 Computer Operators	27	-6	-22.22	0	0	0	NA	Moderate-term on-the-job training	
Adm/Health	43-4171 Receptionists & Information Clerks	343	44	12.83	4	10	14	\$23,776	Short-term on-the-job training	

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Adm	43-3071	Tellers	213	28	13.15	3	9	12	\$25,303	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	700	-41	-5.86	0	9	9	\$27,425	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	591	23	3.89	2	6	8	\$31,917	Moderate-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	450	-3	-0.67	0	6	6	\$36,118	1-5 yrs experience
Adm	43-3021	Billing/Posting Clerks & Machine Operators	179	12	6.7	1	3	4	\$30,455	Short-term on-the-job training
Adm	43-6013	Medical Secretaries	111	19	17.12	2	2	4	\$33,659	Moderate-term on-the-job training
Adm	43-3011	Bill & Account Collectors	165	-39	-23.64	0	3	3	\$28,768	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	76	7	9.21	1	2	3	\$37,847	Moderate-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	72	5	6.94	0	3	3	\$19,462	Short-term on-the-job training
Adm	43-4151	Order Clerks	71	-2	-2.82	0	2	2	\$29,069	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	18	0	0	0	1	1	NA	Moderate-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	27	3	11.11	0	1	1	\$28,739	Moderate-term on-the-job training
Adm	43-4071	File Clerks	50	-9	-18	0	1	1	\$23,110	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	37	-5	-13.51	0	1	1	NA	Short-term on-the-job training
Adm	43-4131	Loan Interviewers & Clerks	63	2	3.17	0	1	1	\$28,597	Short-term on-the-job training
Adm	43-4141	New Accounts Clerks	28	5	17.86	0	1	1	NA	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	46	1	2.17	0	1	1	\$43,064	Short-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	44	-3	-6.82	0	1	1	\$23,137	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	69	-1	-1.45	0	1	1	\$34,689	Moderate-term on-the-job training
Adm	43-2021	Telephone Operators	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-4021	Correspondence Clerks	*	*	*	*	*	*	NA	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	*	*	*	*	*	*	NA	Associate degree/moderate-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	991	7	0.71	1	19	20	NA	Long-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	723	-15	-2.07	0	17	17	\$45,610	Moderate-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrsery/Grnhouse	496	-61	-12.3	0	15	15	\$19,946	Short-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	327	48	14.68	5	6	11	\$20,985	Short-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	252	8	3.17	1	7	8	NA	Moderate-term on-the-job training
Agri	45-2091	Agricultural Equipment Operators	55	-7	-12.73	0	2	2	\$36,458	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	56	-5	-8.93	0	2	2	NA	Short-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	32	-1	-3.12	0	1	1	NA	Associate degree
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	45	4	8.89	0	1	1	\$35,120	1-5 yrs experience
Agri	45-2041	Graders & Sorters, Agricultural Products	33	-4	-12.12	0	1	1	NA	Short-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	17	-2	-11.76	0	0	0	\$50,845	Long-term on-the-job training
Agri	19-4091	Environmental Science & Protection Techs	11	0	0	0	0	0	NA	Associate degree
Agri	29-2056	Veterinary Technologists & Technicians	24	1	4.17	0	0	0	\$24,725	Associate degree
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	22	-3	-13.64	0	0	0	\$25,143	Short-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	8	1	12.5	0	0	0	NA	Moderate-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	13	0	0	0	0	0	NA	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	13	0	0	0	0	0	\$19,093	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	18	1	5.56	0	0	0	NA	Long-term on-the-job training
Agri	19-4021	Biological Technicians	*	*	*	*	*	*	NA	Associate degree
Arch/Contr	47-2073	Operating Enginrs/Const.EquipOperators	160	6	3.75	1	4	5	\$46,277	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	166	3	1.81	0	4	4	\$55,665	More than 5 yrs experience
Arch/Contr	47-2141	Painters, Construction & Maintenance	181	3	1.66	0	4	4	\$50,415	Moderate-term on-the-job training
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	118	4	3.39	0	2	2	\$36,630	Moderate-term on-the-job training
Arch/Contr	47-2181	Roofers	75	-4	-5.33	0	2	2	NA	Moderate-term on-the-job training
Arch/Contr	17-3013	Mechanical Drafters	31	-2	-6.45	0	1	1	NA	Associate degree
Arch/Contr	47-2021	Brickmasons & Blockmasons	66	0	0	0	1	1	\$62,797	Apprenticeship
Arch/Contr	47-2121	Glaziers	20	1	5	0	1	1	NA	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	45	-3	-6.67	0	1	1	\$47,582	Apprenticeship
Arch/Contr	47-4011	Construction & Building Inspectors	34	2	5.88	0	1	1	\$58,618	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	16	1	6.25	0	0	0	NA	Associate degree
Arch/Contr	47-2044	Tile & Marble Setters	21	0	0	0	0	0	NA	Long-term on-the-job training
Arch/Contr/R&D	17-3022	Civil Engineering Technicians	15	1	6.67	0	0	0	\$51,279	Apprenticeship
Energy	47-2031	Carpenters	791	19	2.4	2	17	19	\$37,252	Apprenticeship

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Energy	47-2111	Electricians	353	-8	-2.27	0	10	10	\$64,098	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	292	3	1.03	0	8	8	\$61,917	Apprenticeship
Energy	47-2061	Construction Laborers	630	11	1.75	1	5	6	\$30,216	Short-term on-the-job training
Energy	49-9021	HVAC Mechanics & Installers	88	14	15.91	1	2	3	\$38,283	Postsec non-degree vocational award/long-term on-the-job training
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	93	-5	-5.38	0	2	2	\$56,573	Long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	*	*	*	*	*	*	\$51,826	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	901	1	0.11	0	26	26	\$27,891	Short-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	82	15	18.29	2	2	4	\$28,079	Moderate-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	74	-3	-4.05	0	2	2	NA	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	51	0	0	0	2	2	\$28,506	Moderate-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	23	2	8.7	0	0	0	\$38,177	Apprenticeship
Fin	13-2082	Tax Preparers	13	1	7.69	0	0	0	\$39,320	Moderate-term on-the-job training
Fin	23-2093	Title Examiners, Abstractors & Searchers	10	0	0	0	0	0	NA	Short-term on-the-job training
Fin/Adm	43-4011	Brokerage Clerks	10	1	10	0	0	0	NA	Moderate-term on-the-job training
Fin/adm	43-4041	Credit Authorizers, Checkers & Clerks	19	1	5.26	0	0	0	NA	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	NA	Postsec non-degree vocational award/moderate-term on-the-job training
Fin	41-9021	Real Estate Brokers	*	*	*	*	*	*	NA	1-5 yrs experience
R&D	17-3026	Industrial Engineering Technicians	30	-1	-3.33	0	1	1	NA	Associate degree
R&D	17-3011	Architectural & Civil Drafters	28	-3	-10.71	0	0	0	\$43,402	Associate degree
R&D	17-3025	Environmental Engineering Technicians	6	0	0	0	0	0	NA	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	21	-1	-4.76	0	0	0	NA	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	20	-1	-5	0	0	0	NA	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	14	0	0	0	0	0	NA	Moderate-term on-the-job training
R&D	19-4031	Chemical Technicians	28	1	3.57	0	0	0	NA	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	6	0	0	0	0	0	NA	Associate degree
R&D	17-3019	Drafters, All Other	*	*	*	*	*	*	NA	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Techs	*	*	*	*	*	*	NA	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4092	Forensic Science Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4093	Forest & Conservation Technicians	*	*	*	*	*	*	\$38,804	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	1220	164	13.44	16	34	50	\$18,597	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	802	60	7.48	6	40	46	\$18,808	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	362	29	8.01	3	13	16	\$19,206	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	357	42	11.76	4	8	12	\$18,869	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	263	16	6.08	2	9	11	\$19,269	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Shop	129	8	6.2	1	9	10	\$19,181	Short-term on-the-job training
Rest/Hotel	35-9021	Dishwashers	182	11	6.04	1	8	9	\$18,727	Short-term on-the-job training
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWkrs	309	22	7.12	2	7	9	\$23,207	1-5 yrs experience
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Shop	118	5	4.24	0	8	8	\$18,754	None
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	487	-12	-2.46	0	8	8	\$20,072	Short-term on-the-job training
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpers	196	4	2.04	0	7	7	\$18,860	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	264	-11	-4.17	0	6	6	\$18,753	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	154	17	11.04	2	3	5	\$22,237	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	94	9	9.57	1	3	4	\$18,475	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	64	-8	-12.5	0	3	3	NA	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	54	-2	-3.7	0	2	2	\$18,922	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	46	-2	-4.35	0	1	1	\$43,927	1-5 yrs experience
Rest/Hotel	35-2015	Cooks, Short Order	61	5	8.2	0	1	1	\$18,989	Short-term on-the-job training
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	10	0	0	0	1	1	NA	Short-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	11	1	9.09	0	0	0	NA	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	7	0	0	0	0	0	NA	Moderate-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	5	0	0	0	0	0	NA	Moderate-term on-the-job training
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	1025	154	15.02	15	20	35	\$45,315	1-5 yrs experience/short-term on-the-job training
TDL	49-3023	Automotive Service Techs/Mechanics	403	55	13.65	6	10	16	\$29,374	Moderate-term on-the-job training

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TDL	43-1011	1st-Line Spvrs/Mgrs Office/Adm. Support Work	442	17	3.85	2	12	14	\$41,535	1-5 yrs experience
TDL	53-3033	Truck Drivers, Light or Delivery Services	391	31	7.93	3	8	11	\$27,204	Short-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	302	9	2.98	1	9	10	\$32,223	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	321	-34	-10.59	0	8	8	\$28,567	Short-term on-the-job training
TDL	53-3022	Bus Drivers, School	162	24	14.81	2	3	5	\$23,389	Moderate-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	75	20	26.67	2	2	4	\$32,953	Short-term on-the-job training
TDL	53-1021	1st-Line Spvrs/Mgrs Labors/Material Movers	91	19	20.88	2	2	4	\$48,177	1-5 yrs experience
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	89	6	6.74	1	2	3	\$36,198	Moderate-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	98	13	13.27	1	2	3	\$34,303	Moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	92	8	8.7	1	2	3	\$39,993	Long-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	94	10	10.64	1	2	3	NA	Moderate-term on-the-job training
TDL	53-4011	Locomotive Engineers	72	-7	-9.72	0	3	3	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	43-5061	Production/Planning/Expediting Clerks	95	-5	-5.26	0	2	2	\$58,798	Short-term on-the-job training
TDL	49-3093	Tire Repairers & Changers	42	7	16.67	1	1	2	NA	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	59	11	18.64	1	1	2	\$19,175	Short-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	52	0	0	0	1	1	\$86,026	More than 5 yrs experience
TDL	53-2031	Flight Attendants	6	1	16.67	0	0	0	NA	Moderate-term on-the-job training
TDL/Adm	43-4181	Reservation/Transportation Ticket Agents	15	-2	-13.33	0	0	0	NA	Short-term on-the-job training

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Code	Occupational Classification (SOC) Title		Base Year Employment 2010	Employment Change		Average Annual Job Openings due to			Annual Ave. Wage rate	Training/Education Level
				2010-2020 Number	Percent	Growth	Replacement	Total	2013	
Health	29-1111	Registered Nurses	4142	476	11.49	48	75	123	\$59,672	Associate or Bachelor degree
Health	31-1012	Nursing Aides, Orderlies & Attendants	1864	156	8.37	16	24	40	\$22,797	Postsecondary non-degree vocational award
Health	31-1011	Home Health Aides	743	201	27.05	20	10	30	\$21,738	Short-term on-the-job training
Health	29-2061	Licensed Practical & Vocational Nurses	723	18	2.49	2	19	21	\$36,504	Postsecondary non-degree vocational award
Health	31-9092	Medical Assistants	669	78	11.66	8	10	18	\$26,754	Postsecondary non-degree vocational award
Health	29-2037	Radiologic Technologists & Technicians	300	27	9	3	5	8	\$48,774	Associate degree
Health	29-2052	Pharmacy Technicians	394	6	1.52	1	7	8	\$26,683	Postsecondary non-degree vocational award
Health	31-9091	Dental Assistants	234	27	11.54	3	5	8	\$29,620	Moderate-term on-the-job training
Health	29-2071	Medical Records/Health Information Tech	282	6	2.13	1	6	7	\$28,069	Associate degree
Health	29-2021	Dental Hygienists	158	28	17.72	3	3	6	\$68,914	Associate degree
Health	31-9799	Healthcare Support Workers, All Other	381	-20	-5.25	0	6	6	\$33,101	Short-term on-the-job training
Health	11-9051	Food Service Managers	247	-12	-4.86	0	5	5	\$42,060	1-5 yrs experience
Health	29-2012	Medical & Clinical Lab Technicians	160	-3	-1.88	0	3	3	\$43,889	Associate degree
Health	29-2032	Diagnostic Medical Sonographers	68	15	22.06	2	1	3	\$66,630	Associate degree
Health	31-9094	Medical Transcriptionists	123	9	7.32	1	2	3	\$33,326	Postsecondary non-degree vocational award
Health	31-2021	Physical Therapist Assistants	87	11	12.64	1	1	2	\$47,937	Associate degree
Health	31-2022	Physical Therapist Aides	58	7	12.07	1	1	2	\$23,769	Short-term on-the-job training
Health	29-1199	Health Diag/Treating Practitioners,All Oth	66	4	6.06	0	1	1	\$82,134	Associate degree
Health	29-2031	Cardiovascular Technologists & Techs	61	5	8.2	0	1	1	\$48,936	Associate degree
Health	29-2051	Dietetic Technicians	54	1	1.85	0	1	1	\$26,974	Moderate-term on-the-job training
Health	31-9095	Pharmacy Aides	42	0	0	0	1	1	\$19,636	Short-term on-the-job training
Health	29-2033	Nuclear Medicine Technologists	22	0	0	0	0	0	\$69,653	Associate degree
Health	31-2011	Occupational Therapist Assistants	33	5	15.15	0	0	0	NA	Associate degree
Health	31-2012	Occupational Therapist Aides	16	1	6.25	0	0	0	\$22,517	Short-term on-the-job training
Manuf	53-7062	Laborers/Freight/Stock & Material Movers	2054	73	3.55	7	66	73	\$20,232	Short-term on-the-job training
Manuf	53-7064	Packers & Packers, Hand	870	35	4.02	4	25	29	\$21,496	Short-term on-the-job training
Manuf	51-2092	Team Assemblers	951	42	4.42	4	19	23	\$30,035	Moderate-term on-the-job training
Manuf	49-9071	Maintenance & Repair Workers, General	1064	25	2.35	2	20	22	\$37,320	Moderate-term on-the-job training
Manuf	51-9399	Production Workers, All Other	408	10	2.45	1	11	12	NA	Moderate-term on-the-job training
Manuf	49-1011	1st-LineSpvrs/Mgrs-Mechanics/Installers	274	8	2.92	1	7	8	\$56,786	1-5 yrs experience
Manuf	51-4041	Machinists	383	13	3.39	1	7	8	\$54,460	Long-term on-the-job training
Manuf/Energy	51-4121	Welders, Cutters, Solderers & Brazers	219	15	6.85	2	6	8	\$34,925	Less than 1 yr experience/moderate-term on-the-job training
Manuf	49-2022	Telecom Equipment Installers/Repairers	275	30	10.91	3	4	7	\$52,402	Postsec non-degree vocational award/moderate-term on-the-job training
Manuf	51-3021	Butchers & Meat Cutters	192	9	4.69	1	6	7	\$33,022	Long-term on-the-job training
Manuf	51-9061	Inspect/Testers/Sorters/Samplers/Weighe	263	10	3.8	1	6	7	\$35,767	Moderate-term on-the-job training
Manuf	51-9111	Packaging/Filling Mach Operators/Tenders	379	9	2.37	1	6	7	\$29,602	Moderate-term on-the-job training
Manuf	51-3011	Bakers	209	-2	-0.96	0	6	6	\$20,605	Long-term on-the-job training
Manuf/TDL	51-1011	1st-LineSpvrs/Mgrs Prod/Operating Worke	436	-10	-2.29	0	6	6	\$57,101	Postsec non-degree vocational award/1-5 yrs experience
Manuf	49-9041	Industrial Machinery Mechanics	163	22	13.5	2	3	5	\$55,105	Long-term on-the-job training
Manuf	51-2099	Assemblers & Fabricators, All Other	180	11	6.11	1	4	5	\$30,415	Moderate-term on-the-job training
Manuf	51-3092	Food Batchmakers	170	-3	-1.76	0	5	5	NA	Short-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters/Trimmers	98	10	10.2	1	3	4	NA	Short-term on-the-job training
Manuf	51-4011	Computer-Controlled Mach Tool Operator	115	17	14.78	2	2	4	NA	Moderate-term on-the-job training
Manuf	51-9023	Mixing/Blending Mach Setters/Operators	95	-6	-6.32	0	3	3	\$27,954	Moderate-term on-the-job training
Manuf	51-4034	Lathe/Turning Mach Tool Setters/Operato	59	-5	-8.47	0	2	2	NA	Moderate-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	110	-16	-14.55	0	2	2	\$29,168	Moderate-term on-the-job training
Manuf	17-3012	Electrical & Electronics Drafters	17	0	0	0	0	0	NA	Associate degree
IT	15-1150	Computer Support Specialists	469	33	7.04	3	12	15	\$42,765	Associate degree
IT	15-1799	Computer Occupations, All Other	318	-12	-3.77	0	6	6	\$70,091	Associate degree
IT	17-3023	Electrical & Electronic Engineering Techs	90	0	0	0	2	2	\$50,449	Associate degree
IT	43-9011	Computer Operators	79	-5	-6.33	0	1	1	\$50,282	Moderate-term on-the-job training
Adm/Health	43-4171	Receptionists & Information Clerks	1043	128	12.27	13	32	45	\$23,751	Short-term on-the-job training

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Adm	43-3071	Tellers	638	76	11.91	8	26	34	\$22,685	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	2032	-100	-4.92	0	27	27	\$30,398	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	1592	45	2.83	4	18	22	\$37,404	Moderate-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	1391	-26	-1.87	0	19	19	\$52,265	1-5 yrs experience
Adm	43-3011	Bill & Account Collectors	407	-70	17.2	7	8	15	\$31,140	Moderate-term on-the-job training
Adm	43-6013	Medical Secretaries	389	68	17.48	7	5	12	\$32,017	Moderate-term on-the-job training
Adm	43-3021	Billing/Posting Clerks & Machine Operator	489	33	6.75	3	8	11	\$31,305	Short-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	158	21	13.29	2	7	9	\$20,987	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	246	17	6.91	2	3	5	\$40,355	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	153	10	6.54	1	3	4	\$34,449	Moderate-term on-the-job training
Adm	43-4071	File Clerks	159	-24	-15.09	0	4	4	\$23,899	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	127	-3	-2.36	0	4	4	\$41,865	Short-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	162	-21	-12.96	0	4	4	\$38,407	Short-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	66	6	9.09	1	2	3	\$51,052	Moderate-term on-the-job training
Adm	43-4141	New Accounts Clerks	87	10	11.49	1	2	3	\$26,283	Short-term on-the-job training
Adm	43-4151	Order Clerks	120	-2	-1.67	0	3	3	\$22,814	Short-term on-the-job training
Adm	43-3061	Procurement Clerks	42	-1	-2.38	0	2	2	\$38,786	Moderate-term on-the-job training
Adm	43-4041	Credit Authorizers, Checkers & Clerks	56	5	8.93	0	2	2	\$32,493	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	107	-2	-1.87	0	2	2	\$26,263	Short-term on-the-job training
Adm	43-4011	Brokerage Clerks	23	3	13.04	0	1	1	\$32,047	Moderate-term on-the-job training
Adm	43-4021	Correspondence Clerks	22	-5	-22.73	0	1	1	\$36,568	Short-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	24	-2	-8.33	0	1	1	\$37,761	Associate degree/moderate-term on-the-job training
Adm	43-2021	Telephone Operators	7	-1	-14.29	0	0	0	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	6	0	0	0	0	0	NA	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	3021	6	0.2	1	59	60	NA	Long-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrsery/Grnhou	1463	-188	-12.85	0	45	45	\$23,119	Short-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	1264	47	3.72	5	30	35	\$46,437	Moderate-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	845	131	15.5	13	15	28	\$25,887	Short-term on-the-job training
Agri	19-4091	Environmental Science & Protection Techs	108	-8	-7.41	0	5	5	\$41,537	Associate degree
Agri	45-2091	Agricultural Equipment Operators	165	-20	-12.12	0	5	5	\$33,331	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	167	-23	-13.77	0	5	5	NA	Short-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	117	8	6.84	1	3	4	NA	Moderate-term on-the-job training
Agri	37-1012	1st-LineSprvs/Mgrs Lndscp/Lawn Service	129	7	5.43	1	2	3	\$38,297	1-5 yrs experience
Agri	29-2056	Veterinary Technologists & Technicians	68	13	19.12	1	1	2	\$26,789	Associate degree
Agri	45-2041	Graders & Sorters, Agricultural Products	73	-8	-10.96	0	2	2	NA	Short-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	20	-1	-5	0	1	1	NA	Associate degree
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	59	-2	-3.39	0	1	1	\$22,440	Short-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	38	3	7.89	0	1	1	\$33,020	Moderate-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	38	3	7.89	0	1	1	\$43,271	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	36	2	5.56	0	1	1	\$33,645	Long-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	15	-1	-6.67	0	0	0	\$52,364	Long-term on-the-job training
Agri	19-4021	Biological Technicians	15	2	13.33	0	0	0	NA	Associate degree
Agri	37-3013	Tree Trimmers & Pruners	31	5	16.13	0	0	0	NA	Short-term on-the-job training
Arch/Contr	47-2073	Operating Enginrs/Const.EquipOperators	337	-12	-3.56	0	8	8	\$58,841	Moderate-term on-the-job training
Arch/Contr	47-2141	Painters, Construction & Maintenance	301	6	1.99	1	7	8	\$37,157	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSprvs/Mgrs Const/Extraction	286	-8	-2.8	0	7	7	\$55,427	More than 5 yrs experience
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	188	-1	-0.53	0	3	3	\$36,535	Moderate-term on-the-job training
Arch/Contr	47-4011	Construction & Building Inspectors	80	7	8.75	1	2	3	\$36,588	More than 5 yrs experience/moderate-term on-the-job training
Arch/Contr	47-2021	Brickmasons & Blockmasons	95	1	1.05	0	2	2	\$67,944	Apprenticeship
Arch/Contr	47-2181	Roofers	111	-7	-6.31	0	2	2	\$32,792	Moderate-term on-the-job training
Arch/Contr	17-3013	Mechanical Drafters	31	-1	-3.23	0	1	1	\$44,609	Associate degree
Arch/Contr	27-1025	Interior Designers	30	1	3.33	0	1	1	NA	Associate degree
Arch/Contr	47-2044	Tile & Marble Setters	31	1	3.23	0	1	1	NA	Long-term on-the-job training
Arch/Contr	47-2121	Glaziers	32	1	3.12	0	1	1	\$50,918	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	66	-5	-7.58	0	1	1	\$43,478	Apprenticeship
Arch/Contr/R&D	17-3022	Civil Engineering Technicians	31	-1	-3.23	0	1	1	\$47,753	Associate degree
Energy	47-2031	Carpenters	1122	-25	-2.23	0	24	24	\$39,811	Apprenticeship

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Energy	47-2111	Electricians	561	-7	-1.25	0	15	15	\$53,205	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	459	-9	-1.96	0	13	13	\$61,490	Apprenticeship
Energy	47-2061	Construction Laborers	1288	7	0.54	1	10	11	\$35,857	Short-term on-the-job training
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	174	-4	-2.3	0	5	5	\$77,691	Long-term on-the-job training
Energy	49-9021	HVAC Mechanics & Installers	144	16	11.11	2	2	4	\$62,490	Postsec non-degree vocational award/long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	115	5	4.35	0	2	2	\$51,853	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	2510	134	5.34	13	71	84	\$28,680	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	489	-36	-7.36	0	12	12	\$65,073	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	333	-9	-2.7	0	10	10	\$31,780	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	155	14	9.03	1	4	5	\$26,360	Long-term on-the-job training
Fin/Adm	43-4131	Loan Interviewers & Clerks	189	8	4.23	1	4	5	\$32,729	Short-term on-the-job training
Fin	13-2082	Tax Preparers	110	3	2.73	0	2	2	\$20,271	Moderate-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	48	4	8.33	0	1	1	\$30,774	Apprenticeship
Fin	23-2093	Title Examiners, Abstractors & Searchers	42	-5	-11.9	0	1	1	\$35,286	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	\$66,787	Postsec non-degree vocational award/moderate-term on-the-job training
Fin	41-9021	Real Estate Brokers	*	*	*	*	*	*	\$43,801	1-5 yrs experience
R&D	19-4092	Forensic Science Technicians	137	0	0	0	6	6	NA	Associate degree
R&D	17-3011	Architectural & Civil Drafters	56	-8	-14.29	0	1	1	\$51,654	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	51	-3	-5.88	0	1	1	NA	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	23	0	0	0	1	1	NA	Associate degree
R&D	17-3019	Drafters, All Other	10	-4	-4.0	0	0	0	NA	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	9	0	0	0	0	0	NA	Associate degree
R&D	17-3026	Industrial Engineering Technicians	23	1	4.35	0	0	0	NA	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	24	-1	-4.17	0	0	0	NA	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	26	0	0	0	0	0	\$45,144	Moderate-term on-the-job training
R&D	19-4031	Chemical Technicians	36	3	8.33	0	0	0	NA	Associate degree
R&D	19-4093	Forest & Conservation Technicians	5	0	0	0	0	0	\$53,430	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Tech *	*	*	*	*	*	*	NA	Associate degree
R&D	17-3025	Environmental Engineering Technicians *	*	*	*	*	*	*	NA	Associate degree
R&D	19-4041	Geological & Petroleum Technicians *	*	*	*	*	*	*	NA	Associate degree
R&D	19-4051	Nuclear Technicians *	*	*	*	*	*	*	NA	Associate degree
R&D	19-4061	Social Science Research Assistants *	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	2750	476	17.31	48	77	125	\$18,706	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	1836	212	11.55	21	92	113	\$18,668	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	857	86	10.04	9	31	40	\$19,325	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	815	137	16.81	14	17	31	\$20,344	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	621	59	9.5	6	22	28	\$18,826	Short-term on-the-job training
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWke	837	70	8.36	7	18	25	\$27,542	1-5 yrs experience
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Sho	293	14	4.78	1	21	22	\$19,329	Short-term on-the-job training
Rest/Hotel	35-9021	Dishwashers	423	30	7.09	3	19	22	\$18,791	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	1250	11	0.88	1	21	22	\$19,241	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Sho	273	21	7.69	2	19	21	\$19,800	None
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpe	440	10	2.27	1	16	17	\$19,231	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	609	-4	-0.66	0	13	13	\$18,883	Short-term on-the-job training
Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	142	30	21.13	3	6	9	\$20,660	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	397	7	1.76	1	8	9	\$21,111	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	249	7	2.81	1	7	8	\$21,426	Short-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	122	-15	-12.3	0	6	6	\$18,876	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	148	12	8.11	1	3	4	\$21,194	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	98	-5	-5.1	0	2	2	\$36,548	1-5 yrs experience
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	28	-2	-7.14	0	2	2	NA	Short-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	29	7	24.14	1	1	2	NA	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	18	3	16.67	0	0	0	NA	Moderate-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	10	0	0	0	0	0	\$27,995	Moderate-term on-the-job training
TDL	43-1011	1st-LineSpvrs/Mgrs Office/Adm.Support W	1226	63	5.14	6	33	39	\$48,591	1-5 yrs experience
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	1276	40	3.13	4	25	29	\$32,350	1-5 yrs experience/short-term on-the-job training

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TDL	49-3023	Automotive Service Techs/Mechanics	750	34	4.53	3	19	22	\$35,288	Moderate-term on-the-job training
TDL	53-3033	Truck Drivers, Light or Delivery Services	723	23	3.18	2	14	16	\$23,375	Short-term on-the-job training
TDL	53-3022	Bus Drivers, School	536	45	8.4	4	10	14	\$32,775	Moderate-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	387	16	4.13	2	11	13	\$30,732	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	481	-37	-7.69	0	12	12	\$29,214	Short-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	224	26	11.61	3	4	7	NA	Moderate-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	162	6	3.7	1	4	5	\$41,803	Moderate-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	156	8	5.13	1	3	4	\$33,082	Moderate-term on-the-job training
TDL	43-5061	Production/Planning/Expediting Clerks	164	0	0	0	4	4	\$42,664	Short-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	194	19	9.79	2	2	4	\$19,037	Short-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	81	10	12.35	1	2	3	NA	Short-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	148	5	3.38	0	3	3	\$41,759	Long-term on-the-job training
TDL	49-3093	Tire Repairers & Changers	75	7	9.33	1	2	3	\$23,188	Moderate-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	80	-3	-3.75	0	2	2	\$74,886	More than 5 yrs experience
TDL	53-4011	Locomotive Engineers	53	-5	-9.43	0	2	2	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	53-3011	Ambulance Drivers/Attendants, Ex EMTs	20	5	25	0	0	0	NA	Moderate-term on-the-job training
TDL/Adm	43-4181	Reservation/Transportation Ticket Agents	22	0	0	0	0	0	NA	Short-term on-the-job training
TDL	53-1021	1st-LineSprvs/Mgrs Labors/Material Move *		*	*	*	*	*	\$52,254	1-5 yrs experience

* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

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Standard Occupational Classification (SOC) Code	Title	Base Year	Employment	Change	Average	Annual	Annual	Annual		
		Employment	2010-2020	Percent	due to	Job Openings	Rate	2013	Training/Education Level	
		2010	Number		Growth	Replacement	Total			
Health	29-1111	Registered Nurses	3375	520	15.41	52	61	113	\$51,345	Associate or Bachelor degree
Health	31-1011	Home Health Aides	849	246	28.98	25	11	36	\$21,718	Short-term on-the-job training
Health	31-1012	Nursing Aides, Orderlies & Attendants	1746	44	2.52	4	22	26	\$22,840	Postsecondary non-degree vocational award
Health	29-2061	Licensed Practical & Vocational Nurses	650	19	2.92	2	17	19	\$40,811	Postsecondary non-degree vocational award
Health	29-2052	Pharmacy Technicians	454	72	15.86	7	8	15	\$27,989	Postsecondary non-degree vocational award
Health	31-9092	Medical Assistants	445	78	17.53	8	7	15	\$27,066	Postsecondary non-degree vocational award
Health	31-9091	Dental Assistants	292	54	18.49	5	6	11	\$32,449	Moderate-term on-the-job training
Health	29-2021	Dental Hygienists	200	49	24.5	5	4	9	\$43,021	Associate degree
Health	29-2037	Radiologic Technologists & Technicians	247	32	12.96	3	4	7	\$47,159	Associate degree
Health	31-9799	Healthcare Support Workers, All Other	334	9	2.69	1	5	6	\$21,661	Short-term on-the-job training
Health	11-9051	Food Service Managers	284	-12	-4.23	0	5	5	\$40,751	1-5 yrs experience
Health	29-2071	Medical Records/Health Information Techs	209	14	6.7	1	4	5	\$29,959	Associate degree
Health	31-2021	Physical Therapist Assistants	103	29	28.16	3	2	5	\$42,126	Associate degree
Health	29-1199	Health Diag/Treating Practitioners,All Othe	92	8	8.7	1	2	3	NA	Associate degree
Health	29-2012	Medical & Clinical Lab Technicians	177	4	2.26	0	3	3	\$35,500	Associate degree
Health	29-2032	Diagnostic Medical Sonographers	54	15	27.78	2	1	3	\$52,329	Associate degree
Health	31-2022	Physical Therapist Aides	67	17	25.37	2	1	3	\$49,309	Short-term on-the-job training
Health	29-2031	Cardiovascular Technologists & Techs	46	7	15.22	1	1	2	\$53,335	Associate degree
Health	31-2011	Occupational Therapist Assistants	40	13	32.5	1	1	2	\$52,165	Associate degree
Health	31-9095	Pharmacy Aides	52	7	13.46	1	1	2	NA	Short-term on-the-job training
Health	29-2051	Dietetic Technicians	48	2	4.17	0	1	1	\$18,899	Moderate-term on-the-job training
Health	31-9094	Medical Transcriptionists	84	-7	-8.33	0	1	1	\$32,840	Postsecondary non-degree vocational award
Health	29-2033	Nuclear Medicine Technologists	18	1	5.56	0	0	0	\$69,367	Associate degree
Health	31-2012	Occupational Therapist Aides	15	2	13.33	0	0	0	\$20,149	Short-term on-the-job training
Manuf	53-7062	Laborers/Freight/Stock & Material Movers	2117	217	10.25	22	68	90	\$23,601	Short-term on-the-job training
Manuf	49-9071	Maintenance & Repair Workers, General	1173	44	3.75	4	22	26	\$37,966	Moderate-term on-the-job training
Manuf	53-7064	Packers & Packagers, Hand	828	0	0	0	24	24	\$25,263	Short-term on-the-job training
Manuf	51-2092	Team Assemblers	956	31	3.24	3	19	22	\$32,141	Moderate-term on-the-job training
Manuf	51-9399	Production Workers, All Other	417	8	1.92	1	11	12	\$19,342	Moderate-term on-the-job training
Manuf	49-1011	1st-Line Spvrs/Mgrs-Mechanics/Installers	398	5	1.26	0	10	10	\$69,127	1-5 yrs experience
Manuf	49-9041	Industrial Machinery Mechanics	301	42	13.95	4	6	10	\$50,432	Moderate-term on-the-job training
Manuf	51-9061	Inspect/Testers/Sorters/Samplers/Weigh	305	15	4.92	2	7	9	\$31,975	Moderate-term on-the-job training
Manuf	51-3011	Bakers	258	0	0	0	8	8	\$22,529	Moderate-term on-the-job training
Manuf/Energy	51-4121	Welders, Cutters, Solderers & Brazers	271	11	4.06	1	7	8	\$34,235	Less than 1 yr experience/moderate-term on-the-job training
Manuf	51-3021	Butchers & Meat Cutters	238	3	1.26	0	7	7	\$29,041	Moderate-term on-the-job training
Manuf	51-4041	Machinists	382	-8	-2.09	0	7	7	\$36,219	Long-term on-the-job training
Manuf	51-9111	Packaging/Filling Mach Operators/Tenders	415	0	0	0	7	7	\$24,002	Moderate-term on-the-job training
Manuf/TDL	51-1011	1st-Line Spvrs/Mgrs Prod/Operating Worke	534	-10	-1.87	0	7	7	\$58,649	Postsec non-degree vocational award/1-5 yrs experience
Manuf	51-3092	Food Batchmakers	213	-2	-0.94	0	6	6	NA	Short-term on-the-job training
Manuf	51-3022	Meat, Poultry & Fish Cutters/Trimmers	117	17	14.53	2	3	5	NA	Short-term on-the-job training
Manuf	51-4011	Computer-Controlled Mach Tool Operator	117	31	26.5	3	2	5	\$39,441	Moderate-term on-the-job training
Manuf	51-2099	Assemblers & Fabricators, All Other	150	13	8.67	1	3	4	\$20,769	Moderate-term on-the-job training
Manuf	51-9023	Mixing/Blending Mach Setters/Operators	150	-2	-1.33	0	4	4	\$35,184	Moderate-term on-the-job training
Manuf	49-2022	Telecom Equipment Installers/Repairers	196	5	2.55	0	3	3	\$57,082	Postsec non-degree vocational award/moderate-term on-the-job training
Manuf	51-4034	Lathe/Turning Mach Tool Setters/Operator	62	-1	-1.61	0	2	2	NA	Moderate-term on-the-job training
Manuf	51-5112	Printing Press Operators & Job Printers	130	-2	-1.54	0	2	2	\$30,584	Moderate-term on-the-job training
Manuf	17-3012	Electrical & Electronics Drafters	22	0	0	0	0	0	NA	Associate degree
IT	15-1150	Computer Support Specialists	488	101	20.7	10	13	23	\$40,029	Associate degree
IT	15-1799	Computer Occupations, All Other	384	11	2.86	1	7	8	\$82,560	Associate degree
IT	17-3023	Electrical & Electronic Engineering Techs	92	6	6.52	1	2	3	\$41,325	Associate degree

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IT	43-9011	Computer Operators	65	-8	-12.31	0	1	1	\$22,848	Moderate-term on-the-job training
Adm/Health	43-4171	Receptionists & Information Clerks	892	128	14.35	13	27	40	\$25,765	Short-term on-the-job training
Adm	43-6014	Secretaries, Ex. Legal/Medical/Executive	1755	-53	-3.02	0	24	24	\$30,605	Short-term on-the-job training
Adm	43-3031	Bookkeeping/Accounting/Auditing Clerks	1367	80	5.85	8	15	23	\$33,737	Moderate-term on-the-job training
Adm	43-3071	Tellers	423	26	6.15	3	17	20	\$24,721	Short-term on-the-job training
Adm	43-6011	Executive Secretaries & Adm. Assistants	1008	37	3.67	4	14	18	\$39,486	1-5 yrs experience
Adm	43-3021	Billing/Posting Clerks & Machine Operators	419	45	10.74	4	7	11	\$30,869	Short-term on-the-job training
Adm	43-4199	Information & Record Clerks, All Other	395	-33	-8.35	0	11	11	\$43,952	Short-term on-the-job training
Adm	43-6013	Medical Secretaries	284	71	25	7	4	11	\$27,602	Moderate-term on-the-job training
Adm	43-4121	Library Assistants, Clerical	184	8	4.35	1	8	9	\$19,322	Short-term on-the-job training
Adm	43-3011	Bill & Account Collectors	223	13	5.83	1	4	5	\$31,482	Moderate-term on-the-job training
Adm	43-3051	Payroll & Timekeeping Clerks	156	10	6.41	1	3	4	\$31,975	Moderate-term on-the-job training
Adm	43-4151	Order Clerks	139	-2	-1.44	0	4	4	\$26,389	Short-term on-the-job training
Adm	43-4161	HR Assistants, Ex. Payroll/Timekeeping	142	-6	-4.23	0	4	4	\$38,275	Short-term on-the-job training
Adm	43-6012	Legal Secretaries	253	7	2.77	1	3	4	\$30,434	Moderate-term on-the-job training
Adm	43-3061	Procurement Clerks	69	0	0	0	3	3	\$41,376	Moderate-term on-the-job training
Adm	43-4071	File Clerks	123	-13	-10.57	0	3	3	\$22,312	Short-term on-the-job training
Adm	43-4111	Interviewers, Except Eligibility & Loan	78	6	7.69	1	2	3	NA	Short-term on-the-job training
Adm	43-4031	Court, Municipal & License Clerks	72	2	2.78	0	2	2	\$35,378	Moderate-term on-the-job training
Adm	43-4061	Eligibility Interviewers, Govt. Programs	84	-9	-10.71	0	2	2	\$48,613	Associate degree/moderate-term on-the-job training
Adm	43-4141	New Accounts Clerks	57	5	8.77	0	2	2	\$28,308	Short-term on-the-job training
Adm	43-2021	Telephone Operators	6	-2	-33.33	0	0	0	NA	Short-term on-the-job training
Adm	43-2099	Comm. Equipment Operators, All Other	5	0	0	0	0	0	NA	Short-term on-the-job training
Adm	43-4021	Correspondence Clerks	9	-1	-11.11	0	0	0	NA	Short-term on-the-job training
Agri	11-9013	Farmers, Ranchers & Other Ag Managers	3445	40	1.16	4	67	71	NA	Long-term on-the-job training
Agri	45-2092	Farmwrks/Laborers/Crop/Nrsery/Grnhous	1730	-228	-13.18	0	53	53	NA	Short-term on-the-job training
Agri	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	1265	66	5.22	7	30	37	\$41,666	Moderate-term on-the-job training
Agri	37-3011	Landscaping & Groundskeeping Workers	835	179	21.44	18	15	33	\$22,367	Short-term on-the-job training
Agri	45-2091	Agricultural Equipment Operators	190	-23	-12.11	0	6	6	\$30,988	Moderate-term on-the-job training
Agri	45-2093	Farmworkers, Farm & Ranch Animals	196	-26	-13.27	0	6	6	NA	Short-term on-the-job training
Agri	51-3023	Slaughterers & Meat Packers	146	15	10.27	2	4	6	NA	Moderate-term on-the-job training
Agri	37-1012	1st-LineSpvrs/Mgrs Lndscp/Lawn Service	129	11	8.53	1	2	3	\$36,176	1-5 yrs experience
Agri	29-2056	Veterinary Technologists & Technicians	52	13	25	1	1	2	\$28,194	Associate degree
Agri	45-2041	Graders & Sorters, Agricultural Products	86	-11	-12.79	0	2	2	NA	Short-term on-the-job training
Agri	19-4011	Agricultural & Food Science Technicians	28	-1	-3.57	0	1	1	NA	Associate degree
Agri	19-4021	Biological Technicians	33	-1	-3.03	0	1	1	NA	Associate degree
Agri	19-4091	Environmental Science & Protection Techs	30	-1	-3.33	0	1	1	\$39,839	Associate degree
Agri	31-9096	Veterinary Assts. & Lab Animal Caretakers	43	1	2.33	0	1	1	NA	Short-term on-the-job training
Agri	37-3013	Tree Trimmers & Pruners	32	4	12.5	0	1	1	NA	Short-term on-the-job training
Agri	37-3019	Grounds Maintenance Workers, All Other	38	3	7.89	0	1	1	\$24,463	Short-term on-the-job training
Agri	49-3041	Farm Equipment Mechanics	36	1	2.78	0	1	1	\$31,989	Long-term on-the-job training
Agri	13-1021	Purchasing Agents/Buyers, Farm Products	17	-1	-5.88	0	0	0	\$63,608	Long-term on-the-job training
Agri	37-3012	Pesticide Handlers, Sprayers & Applicators	24	5	20.83	0	0	0	\$35,914	Moderate-term on-the-job training
Arch/Contr	47-2141	Painters, Construction & Maintenance	350	16	4.57	2	8	10	\$33,253	Moderate-term on-the-job training
Arch/Contr	47-2073	Operating Engins/Const.EquipOperators	347	2	0.58	0	8	8	\$61,644	Moderate-term on-the-job training
Arch/Contr	47-1011	1st-LineSpvrs/Mgrs Const/Extraction	305	5	1.64	0	7	7	\$60,955	More than 5 yrs experience
Arch/Contr	47-4011	Construction & Building Inspectors	101	18	17.82	2	3	5	\$52,214	More than 5 yrs experience
Arch/Contr	47-2051	Cement Masons & Concrete Finishers	214	8	3.74	1	3	4	\$44,458	Moderate-term on-the-job training/moderate-term on-the-job training
Arch/Contr	47-2181	Roofers	146	-10	-6.85	0	3	3	\$35,395	Moderate-term on-the-job training
Arch/Contr	27-1025	Interior Designers	35	6	17.14	1	1	2	\$61,235	Associate degree
Arch/Contr	47-2021	Brickmasons & Blockmasons	118	1	0.85	0	2	2	\$60,429	Apprenticeship
Arch/Contr	47-2121	Glaziers	43	1	2.33	0	2	2	NA	Apprenticeship
Arch/Contr	47-2221	Structural Iron & Steel Workers	77	-4	-5.19	0	2	2	NA	Apprenticeship
Arch/Contr	17-3013	Mechanical Drafters	36	3	8.33	0	1	1	\$45,589	Associate degree

In-Demand Sectors and Occupations for the SNAP-JTED Program

LWIA 24

Arch/Contr	47-2044	Tile & Marble Setters	39	2	5.13	0	1	1	NA	Long-term on-the-job training
Arch/Contr/R&D	17-3022	Civil Engineering Technicians	43	5	11.63	0	1	1	\$55,545	Associate degree
Energy	47-2031	Carpenters	1170	41	3.5	4	25	29	\$32,216	Apprenticeship
Energy	47-2111	Electricians	673	-9	-1.34	0	18	18	\$75,435	Apprenticeship
Energy	47-2152	Plumbers, Pipefitters & Steamfitters	544	4	0.74	0	16	16	\$65,039	Apprenticeship
Energy	47-2061	Construction Laborers	1114	25	2.24	2	9	11	\$52,703	Short-term on-the-job training
Energy	13-1023	Purchasing Agents, Ex.Retail & Farm Prod.	301	-12	-3.99	0	8	8	\$71,095	Long-term on-the-job training
Energy	49-9021	HVAC Mechanics & Installers	187	23	12.3	2	3	5	\$36,163	Postsec non-degree vocational award/long-term on-the-job training
Energy	53-1031	1st-LineSpvrs/Mgrs Trans Mach Operators	178	14	7.87	1	4	5	\$51,610	1-5 yrs experience
Fin	43-4051	Customer Service Representatives	1821	160	8.79	16	52	68	\$32,240	Short-term on-the-job training
Fin	13-1031	Claims Adjusters/Examiners/Investigators	449	10	2.23	1	12	13	\$64,369	Long-term on-the-job training
Fin	43-9041	Ins. Claims & Policy Processing Clerks	173	31	17.92	3	5	8	\$32,933	Moderate-term on-the-job training
Fin	41-9022	Real Estate Sales Agents	144	17	11.81	2	3	5	NA	Long-term on-the-job training
Fin/Adm	43-4131	Loan Interviewers & Clerks	123	1	0.81	0	2	2	\$36,057	Short-term on-the-job training
Fin	13-2021	Appraisers & Assessors of Real Estate	47	3	6.38	0	1	1	\$37,978	Apprenticeship
Fin	13-2082	Tax Preparers	42	0	0	0	1	1	\$29,204	Moderate-term on-the-job training
Fin/Adm	43-4011	Brokerage Clerks	24	-2	-8.33	0	1	1	NA	Moderate-term on-the-job training
Fin/Adm	43-4041	Credit Authorizers, Checkers & Clerks	42	2	4.76	0	1	1	NA	Short-term on-the-job training
Fin	23-2093	Title Examiners, Abstractors & Searchers	32	-1	-3.12	0	0	0	NA	Short-term on-the-job training
Fin	13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	NA	Postsec non-degree vocational award/moderate -term on-the-job training
Fin	41-9021	Real Estate Brokers	*	*	*	*	*	*	NA	1-5 yrs experience
R&D	17-3011	Architectural & Civil Drafters	96	1	1.04	0	2	2	\$52,182	Associate degree
R&D	19-4031	Chemical Technicians	74	11	14.86	1	1	2	NA	Associate degree
R&D	19-4099	Life/Phys/Social Science Techs, All Other	36	-4	-11.11	0	2	2	\$53,789	Associate degree
R&D	17-3026	Industrial Engineering Technicians	38	-3	-7.89	0	1	1	NA	Associate degree
R&D	17-3027	Mechanical Engineering Technicians	38	-2	-5.26	0	1	1	NA	Associate degree
R&D	17-3029	Engineering Techs, Ex. Drafters, All Other	71	0	0	0	1	1	\$57,483	Associate degree
R&D	17-3031	Surveying & Mapping Technicians	42	5	11.9	0	1	1	\$49,656	Moderate-term on-the-job training
R&D	19-4092	Forensic Science Technicians	20	1	5	0	1	1	\$97,916	Associate degree
R&D	19-4093	Forest & Conservation Technicians	17	-1	-5.88	0	1	1	\$53,432	Associate degree
R&D	17-3019	Drafters, All Other	13	-1	-7.69	0	0	0	\$26,562	Associate degree
R&D	17-3021	Aerospace Engineering & Operations Techs	5	0	0	0	0	0	NA	Associate degree
R&D	17-3024	Electro-Mechanical Technicians	8	0	0	0	0	0	NA	Associate degree
R&D	17-3025	Environmental Engineering Technicians	12	1	8.33	0	0	0	\$62,585	Associate degree
R&D	19-4051	Nuclear Technicians	*	*	*	*	*	*	NA	Associate degree
R&D	19-4061	Social Science Research Assistants	*	*	*	*	*	*	NA	Associate degree
Rest/Hotel	35-3021	Combined Food Prep. & Serving Workers	3360	573	17.05	57	94	151	\$18,908	Short-term on-the-job training
Rest/Hotel	35-3031	Waiters & Waitresses	2170	252	11.61	25	108	133	\$18,874	Short-term on-the-job training
Rest/Hotel	35-2021	Food Preparation Workers	969	99	10.22	10	35	45	\$18,701	Short-term on-the-job training
Rest/Hotel	35-2014	Cooks, Restaurant	973	158	16.24	16	21	37	\$22,180	Moderate-term on-the-job training
Rest/Hotel	35-3011	Bartenders	699	74	10.59	7	24	31	\$18,743	Short-term on-the-job training
Rest/Hotel	35-3022	Counter Attnds,Café/Food Conc./Cofee Shop	346	22	6.36	2	25	27	\$18,977	Short-term on-the-job training
Rest/Hotel /Health	35-1012	1st-LineSpvrs/MgrsFoodPrep/ServingWkrs	836	89	10.65	9	18	27	\$23,918	1-5 yrs experience
Rest/Hotel	35-9021	Dishwashers	493	41	8.32	4	22	26	\$18,828	Short-term on-the-job training
Rest/Hotel	35-9031	Host/Hostess, Restaur/Lounge/Coffee Sho	324	24	7.41	2	23	25	\$18,600	None
Rest/Hotel	35-9011	Dining Room/Café Attnds/Bartender Helpers	502	24	4.78	2	19	21	\$19,433	Short-term on-the-job training
Rest/Hotel	37-2012	Maids & Housekeeping Cleaners	1087	-3	-0.28	0	18	18	\$19,087	Short-term on-the-job training
Rest/Hotel	35-2011	Cooks, Fast Food	725	-3	-0.41	0	15	15	\$18,679	Short-term on-the-job training
Rest/Hotel /Health	35-2012	Cooks, Institution & Cafeteria	420	33	7.86	3	9	12	\$20,541	Short-term on-the-job training
Rest/Hotel	35-3041	Food Servers, Nonrestaurant	241	21	8.71	2	7	9	\$18,863	Short-term on-the-job training
Rest/Hotel	39-3011	Gaming Dealers	183	-22	-12.02	0	8	8	NA	Moderate-term on-the-job training
Rest/Hotel	35-9099	Food Prep. & Serving Workers, All Other	126	-12	-9.52	0	6	6	NA	Short-term on-the-job training
Rest/Hotel	35-2015	Cooks, Short Order	178	11	6.18	1	4	5	\$21,613	Short-term on-the-job training

In-Demand Sectors and Occupations for the SNAP-JTED Program

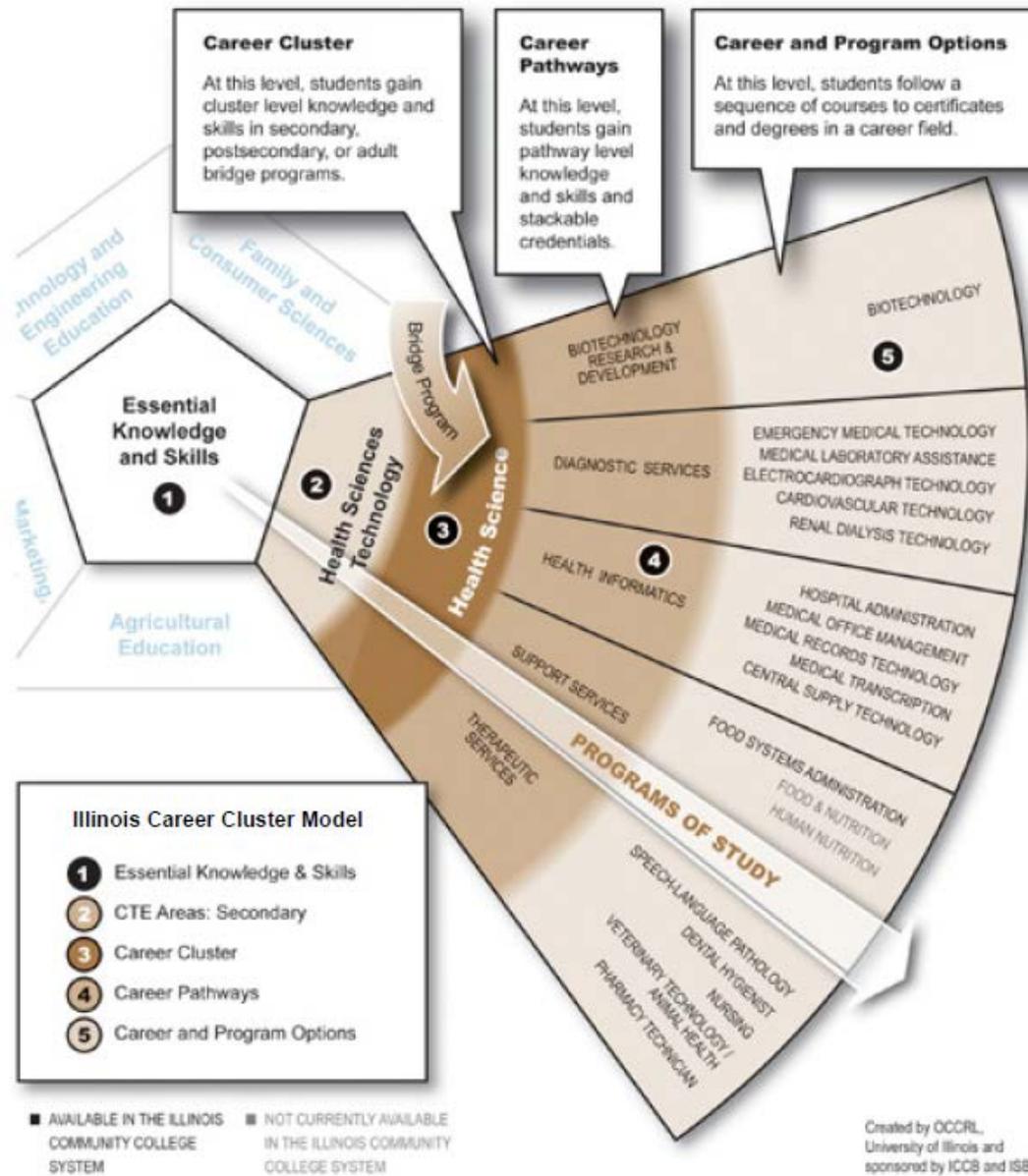
LWIA 24

Rest/Hotel	43-4081	Hotel, Motel & Resort Desk Clerks	89	8	8.99	1	4	5	\$19,991	Short-term on-the-job training
Rest/Hotel	41-2012	Gaming Change Persons/Booth Cashiers	85	-11	-12.94	0	4	4	NA	Short-term on-the-job training
Rest/Hotel	35-1011	Chefs & Head Cooks	116	-4	-3.45	0	2	2	\$34,280	1-5 yrs experience
Rest/Hotel	39-3093	Locker, Coat & Dressing Room Attendants	30	-1	-3.33	0	2	2	\$19,115	Short-term on-the-job training
Rest/Hotel	39-6011	Baggage Porters & Bellhops	34	7	20.59	1	1	2	NA	Short-term on-the-job training
Rest/Hotel	39-1011	Gaming Supervisors	61	-12	-19.67	0	1	1	NA	1-5 yrs experience
Rest/Hotel	43-3041	Gaming Cage Workers	41	-7	-17.07	0	1	1	NA	Short-term on-the-job training
Rest/Hotel	39-6012	Concierges	16	0	0	0	0	0	NA	Moderate-term on-the-job training
Rest/Hotel	39-7000	Tour & Travel Guides	7	1	14.29	0	0	0	NA	Moderate-term on-the-job training
TDL	53-3032	Truck Drivers, Heavy & Tractor-Trailer	2508	280	11.16	28	50	78	\$41,845	1-5 yrs experience/short-term on-the-job training
TDL	49-3023	Automotive Service Techs/Mechanics	1042	75	7.2	8	27	35	\$36,266	Moderate-term on-the-job training
TDL	53-3033	Truck Drivers, Light or Delivery Services	867	77	8.88	8	17	25	\$24,604	Short-term on-the-job training
TDL	53-3022	Bus Drivers, School	736	103	13.99	10	14	24	\$33,721	Moderate-term on-the-job training
TDL	53-7051	Industrial Truck & Tractor Operators	524	53	10.11	5	15	20	\$29,449	Short-term on-the-job training
TDL	43-5011	Cargo & Freight Agents	322	101	31.37	10	8	18	\$38,878	Short-term on-the-job training
TDL	43-5071	Shipping, Receiving & Traffic Clerks	574	-33	-5.75	0	15	15	\$29,226	Short-term on-the-job training
TDL	49-3021	Automotive Body & Related Repairers	284	7	2.46	1	7	8	\$30,631	Moderate-term on-the-job training
TDL	53-3021	Bus Drivers, Transit & Intercity	300	24	8	2	6	8	\$20,909	Moderate-term on-the-job training
TDL	49-3031	Bus/Truck/Diesel Engine Mechanics	241	22	9.13	2	5	7	\$37,278	Long-term on-the-job training
TDL	43-5032	Dispatchers, Ex. Police/Fire/Ambulance	240	23	9.58	2	4	6	\$33,179	Moderate-term on-the-job training
TDL	53-3041	Taxi Drivers & Chauffeurs	246	30	12.2	3	3	6	\$20,060	Short-term on-the-job training
TDL	53-4011	Locomotive Engineers	133	-14	-10.53	0	5	5	NA	1-5 yrs experience/moderate-term on-the-job training
TDL	11-3071	Transportation/Storage/Distribution Mgrs	162	0	0	0	4	4	\$93,349	More than 5 yrs experience
TDL	43-5061	Production/Planning/Expediting Clerks	173	3	1.73	0	4	4	\$42,192	Short-term on-the-job training
TDL	49-3093	Tire Repairers & Changers	100	12	12	1	3	4	NA	Moderate-term on-the-job training
TDL/Adm	43-4181	Reservation/Transportation Ticket Agents	49	0	0	0	1	1	NA	Short-term on-the-job training
TDL	53-2031	Flight Attendants	20	0	0	0	0	0	NA	Moderate-term on-the-job training
TDL	53-1021	1st-Line Spvrs/Mgrs Labors/Material Mover *		*	*	*	*	*	\$45,812	1-5 yrs experience

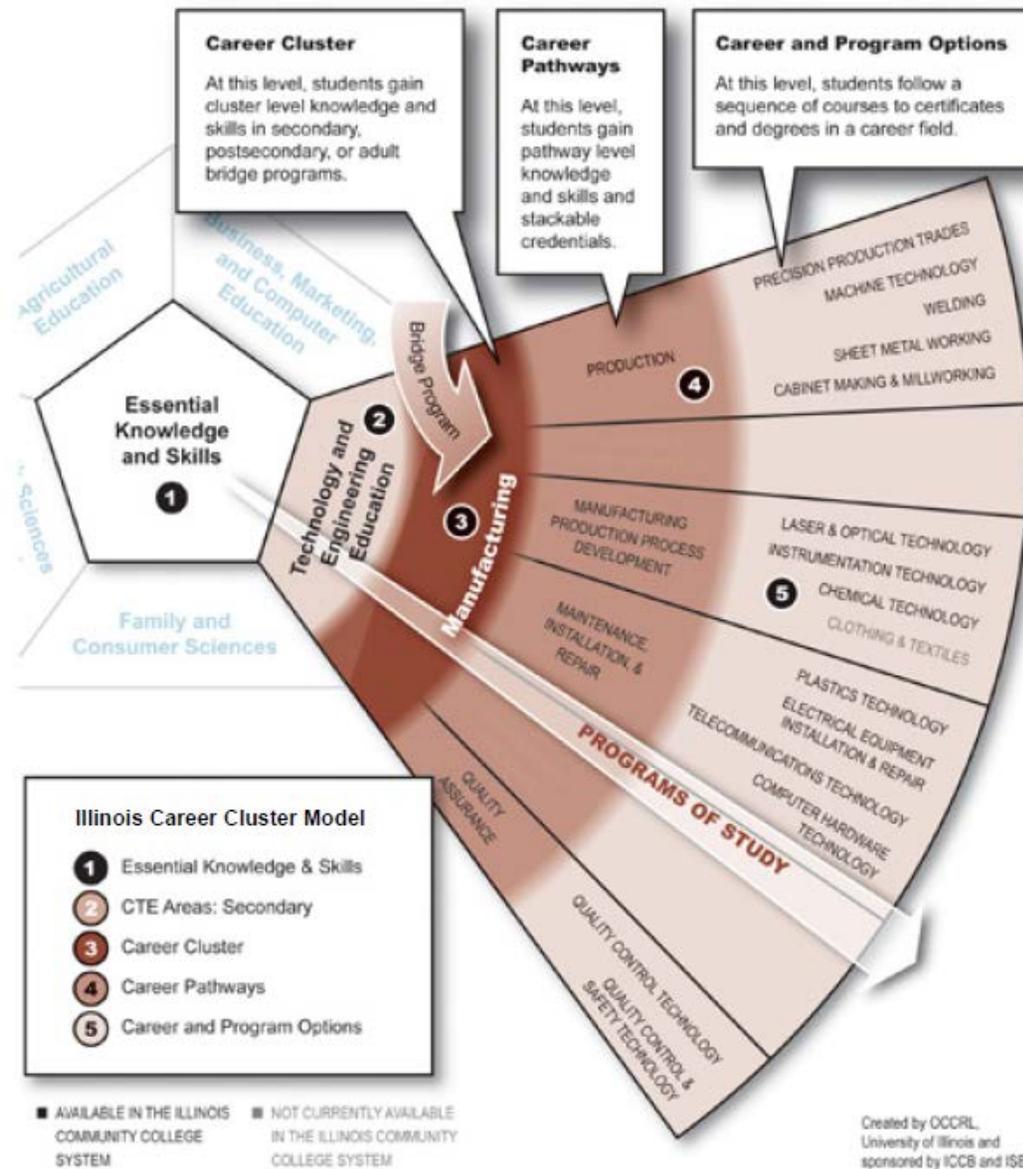
* Data are suppressed for confidentiality

Training/education level: most occupations not indicated as requiring a minimum of a postsecondary degree or award do require a high school diploma or equivalent.

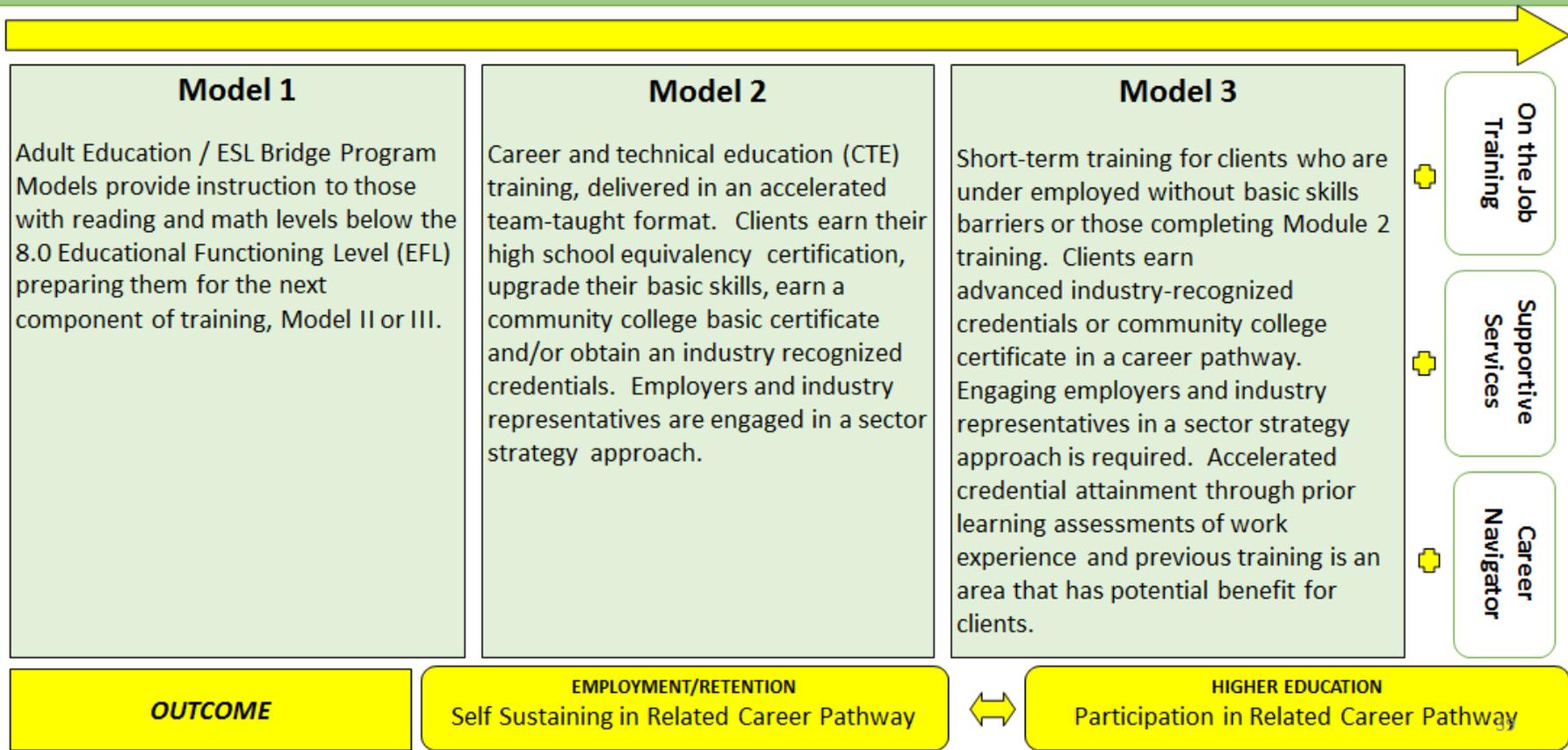
Attachment D: Health Sciences Career Pathway



Attachment D: Manufacturing Career Pathway



Services Received By Treatment Group



Attachment E: JTED-SNAP ICAPS Model and Providers



Illinois Community College
Board
June
2015

For the past three years, the Illinois Community College Board (ICCB) has participated in the Accelerating Opportunity Project: A Jobs for the Future (JFF) Breaking through Initiative. The purpose of this initiative is to connect lower skilled adults to college. Illinois has branded this model as the Integrated Career and Academic Preparation System (ICAPS) modeled after the Washington State model “IBEST” – Integrated Basic Education Skills Training. The ICAPS model blends Adult Education Basic Skills and Career and Technical Education training to accelerate student learning and achievement of postsecondary education and industry recognized credentials. This approach incorporates the technical skills, investigates dual enrollment opportunities, and develops a clear-cut plan to align policies that are needed to move more learners into postsecondary education and employment.

The overall goal of the ICAPS model is to accelerate the learning opportunities for low-skilled adults and move them into high demand and high-wage jobs. The ICAPS model accomplishes this using an integrated approach to learning which blends contextualized basic skills and technical training instruction using a team teaching approach. In addition, the individuals are connected to instructional and supportive services designed to enhance their educational experience which leads to obtaining a marketable, stackable, and/or industry recognized credential.

Initially funded through the Bill and Melinda Gates Foundation, the Joyce Foundation and other foundations supporting lower skilled adults’ achievement of skills and training that lead to higher wages, the project has flourished to 25 community colleges in Illinois over a three year period, and has served more than 1400 individuals earning more than 1900 credentials (college and industry recognized). The project originally began with eight colleges selected to develop and implement AO/ICAPS projects. They include: College of Lake County, City Colleges of Chicago – Daley College, Danville Area Community College, Elgin Community College, Lake Land College, Lewis and Clark College, Lincoln Land Community College, and McHenry County College. Each of the twenty-five colleges (including the eight original) have developed projects in one or more high demand pathway areas, including Health Care, Manufacturing, Transportation, and Information Technology. All 25 colleges are listed below and include their individual pathways.

Participating ICAPS Colleges &

Pathways:

1. Black Hawk Manufacturing / Computer Numerical Control
2. Carl Sandburg Manufacturing/Welding
3. College of DuPage Information Technology / Network Systems
4. College of Lake County Automotive Manufacturing, Machine Tool Trades, Gas Metal Arc Welding, HVAC
5. Daley Certified Nursing Assistant, Medical Billing & Coding, Manufacturing/ Computer Numerical Control Tech

6. Danville Area	Healthcare, Automotive
7. Elgin	Computer Numerical Control, Welding, Dental Office Aide, HVAC
8. Heartland	Welding
9. Illinois Central	Health Science /Certified Nursing Assistant
10. Joliet Junior	Manufacturing/Welding
11. Kaskaskia	Health Science /Certified Nursing Assistant
12. Kishwaukee	Manufacturing
13. Lakeland	Manufacturing, Fundamentals in Applied Technology, Health Science
14. Lewis and Clark	Automotive Technology, Emergency Medical Technician, Welding Technology
15. Lincoln Land	Automotive Technology, Healthcare
16. McHenry County	Advanced Manufacturing, CNC Machine, Automotive Maintenance Technician, Administrative Office Skills
17. Olive Harvey	Transportation, Distribution & Logistics
18. Parkland	Industrial Welding
19. Prairie State	Manufacturing
20. Rend Lake	Allied Health
21. Rock Valley	Manufacturing
22. Southwestern Illinois	Manufacturing/Precision Machining Technology
23. South Suburban	Community Health Worker
24. William Rainey Harper	Business Software Specialist and Domestic Refrigeration and Heating
25. Waubensee	Administrative Office Assistant/IT

ICAPS Requirements

- At least 40 percent of each college's target population will be progressing through pathways to marketable, stackable, credit-bearing credentials.
- The target population is adults in High Intermediate Basic Education through Adult Secondary Education (grade level 6 and above) and English language learners in High Intermediate ESL (NRS level 5 and above).
- Participant achievement of at least one marketable, stackable credit-bearing credential, industry recognized credential, earn 12 semester professional technical credits which must be transcribed in the semester in which they are earned;
- Explicit articulation of one or more educational pathways, linked to career pathways, which begin with adult basic education or ESL and continue to a one year college-level certificate and beyond;
- Evidence of strong local demand for the selected pathway(s), including the presence on the Workforce Investment Board demand list for the local area or other local data demonstrating robust demand;
- Acceleration strategies, including contextualized learning and the use of hybrid (online and classroom-based) course designs;
- Evidence-based dual enrollment strategies, including paired courses and I-BEST-like approaches;
- Comprehensive academic and social student supports (e.g., tutoring, child care, transportation, access to public benefits, subsidized jobs);
- Partnerships with Workforce Investment Boards and/or employers and college readiness, with an explicit goal of bypassing developmental education;
- Provide a support class to students enrolled in the AO project;
- Enter data into the data collection system;
- Track student progress into postsecondary education; and
- Identify co-instructors (team-teaching) from basic skills and college-level professional-

technical programs, with at least a 50 percent overlap of the instructional time to support both basic and workforce skills gains, and integrated program learning outcomes.

- Adopt policies and financing models to ensure programs are sustained and expanded to assist many more adult learners in obtaining postsecondary credentials.
- Requires participation in extensive professional development provided through the Adult Education and Career and Technical Education PD Centers. A Transitions Academy was developed to provide a yearlong extensive professional development and technical assistance component designed to assist in the development and implementation of the ICAPS model.

Next Steps:

- ❖ Add an additional five to seven ICAPS colleges in FY2016
- ❖ Develop a sustainability financing model
- ❖ Determine final components of the ICAPS model

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- ❖ Project Coordinator: Brian Durham, Deputy Director for Academic Affairs
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**ILLINOIS COMMUNITY COLLEGE BOARD
ADULT EDUCATION AND FAMILY LITERACY
INTEGRATED CAREER AND ACADEMIC PREPARATION SYSTEM (ICAPS)
PROGRAMS**

REGION I

AREA PLANNING COUNCIL 508

**RICHARD J. DALEY COLLEGE (Certified Nursing Assistant; Medical Billing & Coding;
Manufacturing/Computer Numerical Control Tech)**

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REGION II

Area Planning Council 502

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Area Planning Council 509

ELGIN COMMUNITY COLLEGE (Computer Numerical Control; Welding; Dental Office Aide; HVAC)

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Area Planning Council 512

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Area Planning Council 523

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Area Planning Council 528

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REGION III

Area Planning Council 503

BLACK HAWK COLLEGE (Manufacturing/Computer Numerical Control)

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Area Planning Council 505

PARKLAND COLLEGE (Industrial Welding)

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Area Planning Council 507

DANVILLE AREA COMMUNITY COLLEGE (Healthcare; Automotive)

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ILLINOIS CENTRAL COLLEGE (Health Science/CNA)

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Area Planning Council 526

LINCOLN LAND COMMUNITY COLLEGE (Automotive Technology; Healthcare; Early Childhood)

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Area Planning Council 540

HEARTLAND COMMUNITY COLLEGE (Welding)

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REGION IV

Area Planning Council 501

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Area Planning Council 521

***REND LAKE COLLEGE (Developing)**

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Area Planning Council 536

LEWIS AND CLARK COMMUNITY COLLEGE (Automotive Technology; Emergency Medical Technician; Welding Technology)

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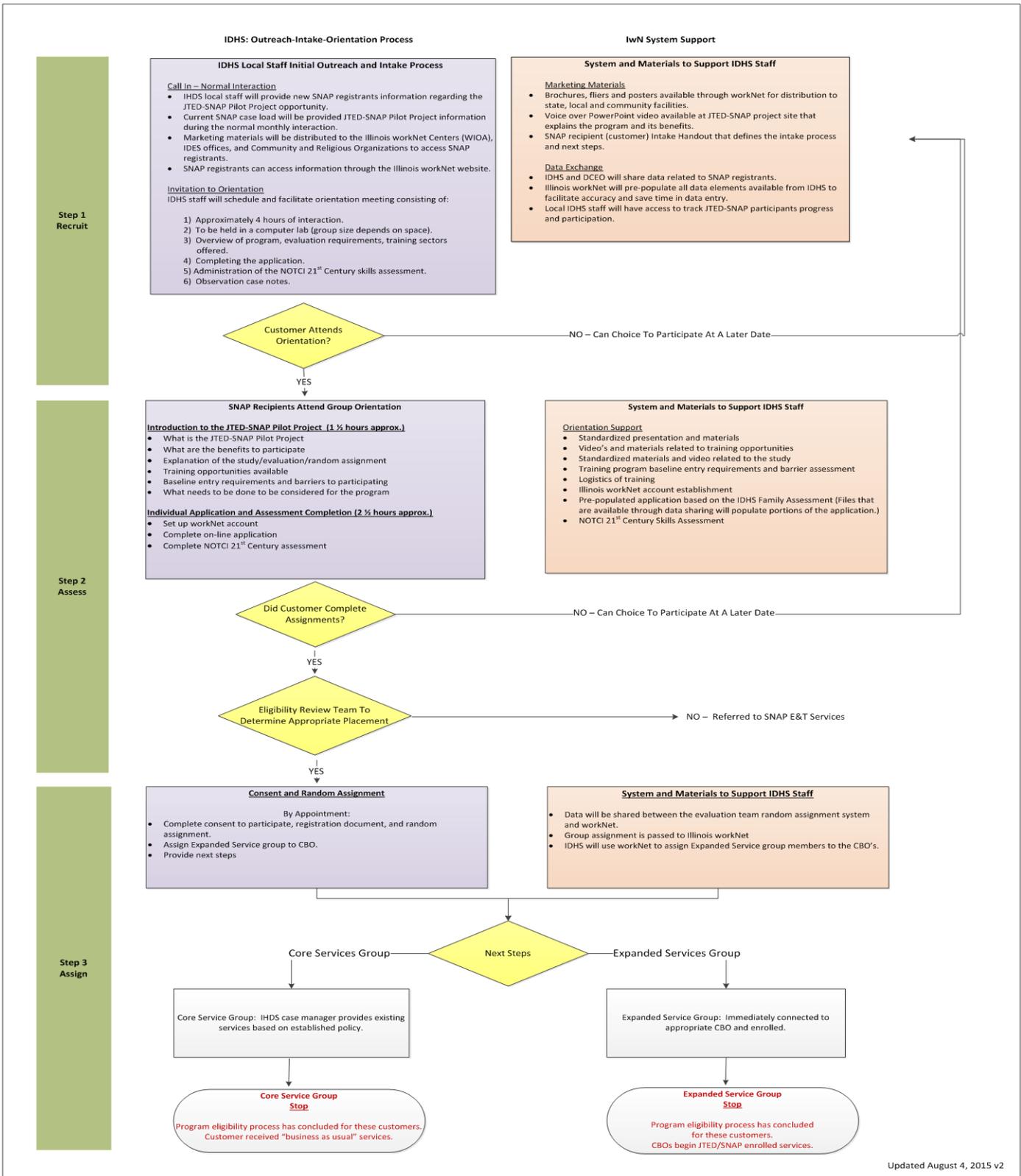
Godfrey, IL 62035-2466

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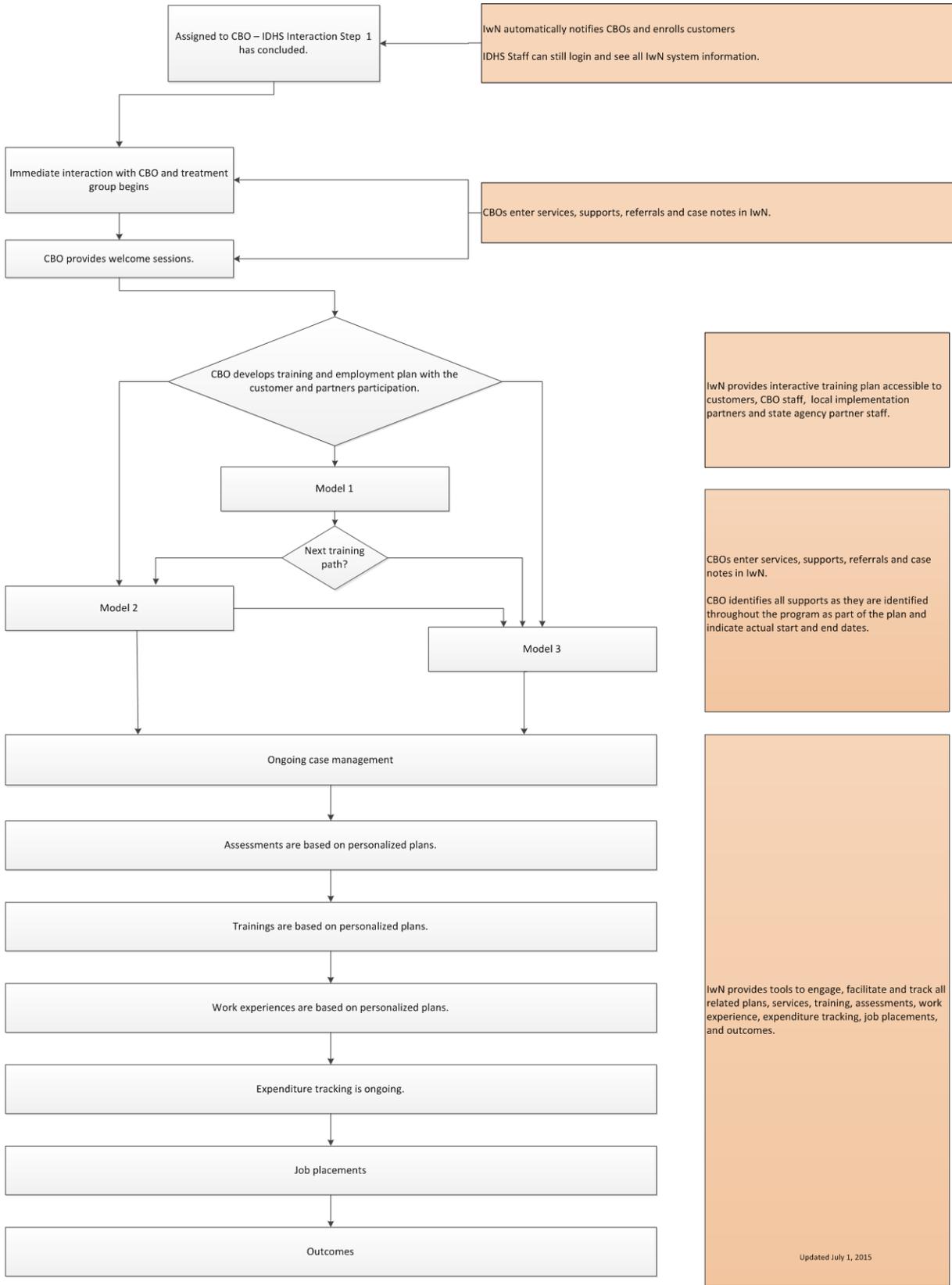
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***Indicates FY15 Programs**

Attachment F: SNAP Participant Flow Chart



Step 2 Interactions Occur Through Selected CBOS for the Treatment Group only.



Attachment G: Estimated Number of SNAP Participant to be Served by Location

Illinois SNAP E&T Statistics			
	# of SNAP Recipients	ABAWDs	Projected # of JTED-SNAP Participants
LWIA 3	80,437	9,801	166
Boone, Stephenson, Winnebago			
LWIA 7	1,003,713	105,103	1784
Cook			
LWIA 14	30,796	3,628	62
Adams, Brown, Hancock, Henderson, Knox, McDonough, Pike, Schuyler, Warren			
LWIA 15*	88,355	11,594	197
Marshall, Peoria, Stark, Woodford, McLean, Tazewell, Mason, Fulton			
LWIA 19*	26,828	3,609	61
DeWitt, Macon			
LWIA 24	61,617	7,777	132
Clinton, Monroe, Randolph, St. Clair, Washington			
LWIA 25	44,885	5,751	98
Franklin, Jackson, Jefferson, Perry, Williamson			
TOTAL	1,336,631	147,263	2,500

Attachment H: ICCB Statewide Bridge Definition and Core Elements

Illinois Community College Board Adult Education and Family Literacy

Statewide Bridge Definition and Core Elements

Bridge programs prepare adults with limited academic or limited English skills to enter and succeed in credit-bearing postsecondary education and training leading to career-path employment in high-demand, middle- and high-skilled occupations. The goal of bridge programs is to sequentially bridge the gap between the initial skills of individuals and what they need to enter and succeed in postsecondary education and career-path employment.

Core Elements

Bridge programs assist students in obtaining the necessary academic, employability, and technical skills through three required components—contextualized instruction, career development, and support services. Required elements include:

Contextualized instruction that integrates basic reading, math, and language skills and industry/occupation knowledge.

Career development that includes career exploration, career planning within a career area, and understanding the world of work (specific elements depend upon the level of the bridge program and on whether participants are already incumbent workers in the specific field).

Transition services that provide students with the information and assistance they need to successfully navigate the process of moving from adult education or remedial coursework to credit or occupational programs. Services may include (as needed and available) academic advising, tutoring, study skills, coaching, and referrals to individual support services, e.g., transportation and child care.

Note: Career development and transition services should take into account the needs of those low-income adults who will need to find related work as they progress in their education and career paths.

Eligibility

Bridge programs are designed for adults 16 years and older, who:

- Have reading and math levels at or above the 6th grade through pre-college level *or*
- English language proficiency at or above the low-intermediate ESL level
- May or may not have a high school credential
- May or may not be an incumbent worker

Specific eligibility requirements will depend upon the type of provider offering the bridge program and program requirements.

Program Design Options

A bridge program may be designed as 1) a single course (for students at higher reading and math levels) that moves students directly into credit-bearing courses, with the aim of eliminating the need for remediation or

2) a series of courses, in which students first complete a lower-level bridge course that prepares them to enter a non-credit or credit occupational course or program that leads to an entry-level

job. In this case, the student can stop out for needed work/income and return to a higher-level bridge course without having to repeat content.

The bridge program must prepare students to enter credit-bearing courses and programs within one of the 16 nationally recognized career clusters (see: <http://www.careerclusters.org/16clusters.cfm>). That is, the course content must contain the knowledge and skills common for entry-level occupations within a broad cluster (e.g. health sciences, manufacturing, information technology, etc.). This curriculum design element exposes the student to career information and to information about the skills and knowledge required by a broad range of occupational options within a cluster. The bridge program must be of sufficient duration and intensity to produce these transition results.

Education and Training Providers (and partnerships):

Bridge programs may be provided by: (1) an Illinois Community College Board-approved and funded adult education program¹; (2) the credit or non-credit department(s) of a community college; and (3) community-based organizations or other types of provider that offer non-credit workforce training.

Bridge programs may be offered by a single entity (e.g., a community-based organization or a community college) or by a partnership (e.g., a community-based organization and a community college). Regardless of the provider, they:

- May provide opportunities to earn college credit (such as through escrow credit accounts)
- May offer dual enrollment in credit and non-credit programs
- May offer a multi-level program that moves people from an adult education course offered by one provider to a non-credit occupational course offered by the same or another provider.

All bridge program providers will use pre-skill assessments consistent with program requirements to place students into the appropriate courses as well as post-skill assessments to measure progress, and all providers will use data tracking systems to collect and analyze key information about bridge program participants and graduates.

Outcomes:

Short-Term

1. Higher number of low-income working adults enroll in postsecondary education
2. Bridge program graduates who enroll in credit programs will succeed in their courses.

Long-Term

1. Higher proportion of low-income working adults attain degrees and/or certificates
2. Higher proportion of Adult Basic Education (ABE)/GED, English-as-a-Second-Language (ESL), Adult Secondary Education (ASE), and developmental/remedial adult learners transition into and completion of associates degrees and/or certificates
3. Increases in earnings and job quality for low-income adults engaged in career pathways work

¹ ICCB-approved adult education providers currently include community-based organizations, community colleges, regional offices of education, public school districts, the Illinois Department of Corrections, and a university.