

# Demand Occupations

ITA's, Employed Worker, and/or OJT

Soc Code	E/T Code	Occupation	Mean Hourly Wage	Mean Annual Wage
17-0000		Architecture and Engineering Occupations		
17-3023	4	Electrical and Electronic Engineering Technicians	27.51	57,230
17-3026	4	Industrial Engineering Technicians	27.21	56,600
17-3027	4	Mechanical Engineering Technicians	26.79	55,740
17-3013	5	Drafters	21.92	45,600
21-0000		Community and Social Services Occupations		
21-1093	5	Social and Human Service Workers/Assistants	14.20	29,520
25-0000		Education, Training and Library Occupations		
25-9041	5	Teacher Assistants	11.30	23,460
29-0000		Healthcare Practitioners and Technical Occupations		
29-1111	4	Registered Nurses	26.72	55,580
29-2021	4	Dental Hygienists	28.52	59,120
29-2034	4	Radiological Technologists and Technicians	25.37	52,770
29-2061	5	Licensed Practical and Licensed Vocational Nurses	17.73	36,880
29-2071	4	Medical Records and Health Information Technicians	12.42	30,520
29-	4	Medical Records Technicians	n/a	
29-2012	4	Medical and Clinical Laboratory Technicians	17.23	35,850
31-0000		Healthcare Support Occupations		
31-1012	5	Nursing Aides, Orderlies and Attendants	12.18	25,350
31-9091	5	Dental Assistant	16.12	33,530
31-9092	5	Medical Assistant	13.43	27,930
33-0000		Protective Services Occupations		
33-9032	5	Security Guards	12.52	26,050
33-3051	5	Police Patrol Officers	24.26	50,470
33-	5	Corrections Officers and Jailers	20.77	43,220
43-0000		Office and Administrative Support Occupations		
43-6011	5	All Secretaries and Administrative Assistants	19.73	41,040
43-	5	Stenographers	16.95	
43-9061	5	Receptionists, Clerks, typists	12.69	26,400
43-3031	5	Bookkeeping, Accounting, Auditing Clerks	15.54	32,330
43-9031	4	Electronic prepress system operators (desktop)	15.52	34,780
43-9011	5	Computer Operators	16.96	35,290
47-0000		Construction and Extraction		
47-2111	5	Electricians	20.69	43,050
47-2152	5	Plumbing and related workers	24.72	51,420

Soc Code	E/T Code	Occupation	Mean Hourly Wage	Mean Annual Wage
49-0000		Installation, Maintenance and Repair Occupations		
49-3023	5	Automotive Service Technicians and Mechanics	17.86	37,160
49-3031	5	Bus, Truck and Diesel Engine Repairers	19.03	39,590
49-3021	5	Automotive Body Repairers	16.29	33,890
49-9021	5	Heating, Air Conditioning and Refrigeration Mechanics	19.52	40,610
49-	5	Mechanic & repairer helpers	11.76	24,480
51-0000		Production Occupations		
51-4041	5	Machinists	19.20	45,710
51-4121	5	Welders, all kinds	18.72	40,630
53-0000		Transportation and Material Moving Occupations		
53-3032	5	Truck Drivers, Heavy and Tractor Trailer	22.08	45,940
53-3033	5	Truck Drivers, Light or Delivery Services	16.68	34,700

### \*Education and Training Level (E & T Codes)

- 1. Occupations that generally or always require full-time study beyond a bachelor's degree.** These occupations may require a professional degree, a doctoral degree, or a master's degree. Occupations in this category include lawyers, biological scientists, and vocational counselors.
- 2. Occupations that generally require work experience in an occupation requiring a bachelor's degree or higher degree.** Most occupations in this category are managerial occupations that require experience in a related nonmanagerial occupation. Occupations in this category include marketing, advertising and public relations managers, and medicine and health services managers.
- 3. Occupations that generally require a bachelor's degree.** Most workers in these occupations have completed at least four but not more than five years of full-time academic work after high school. The bachelor's degree is considered the minimum education requirement for most professional occupations, such as mechanical engineer and elementary school teacher.
- 4. Occupations that generally require an associate's degree.** Completion of this degree program usually requires at least two years of full-time academic work after high school. Many occupations in this training category are health related, such as dental hygienist, respiratory therapist and radiological technologist. Also included are assorted technicians and paralegals.
- 5. Occupations that generally require completion of vocational training provided in postsecondary vocational schools before hiring as well as occupations that generally require on-the-job training or some combination of on-the-job training and informal training to achieve average job performance.** Occupations in this category include a variety of apprenticeable occupations such as truck driver, travel agent, police officer, secretary, welder, and nurse's aide.
- 6. Occupations that generally require skills developed through work experience in a related occupation.** Occupations in this group include cost estimators, police detectives, construction supervisors, and food service and lodging managers.

## DEMAND OCCUPATIONS FOR OJT AND EMPLOYED WORKER TRAINING ONLY

<b>OES Code</b>	<b>E/T* Code</b>	<b>OCCUPATION</b>	<b>Mean Hrly Wage</b>	<b>Mean Annual Wage</b>
<b>Managers &amp; Administrators</b>				
113031	2	Financial Managers	49.50	77,710
	2	Personnel, training, labor relations mgr.	43.08	89,620
113042	2	Marketing, advertising, public relations mgr.	40.79	84,500
112031	2	Administrative services managers	40.63	84,500
119121	2	Engineering, math, natural sciences mgr.	52.45	109,110
119039	2	Education administrators	39.75	82,700
119111	2	Medicine & health service managers	37.73	78,490
113071	2	Communication, transportation, utilities mgr	40.25	83,740
111011	2	General managers & top executives	59.64	124,050
119141	3	Property & real estate managers	33.91	70,530
471011	3	Construction managers	28.66	59,620
119051	6	Food service & lodging managers	24.93	51,860
<b>Professional &amp; Technical</b>				
152031	1	Operations - research analysts	31.06	64,610
211022	1	Social workers, medical & psychiatric	19.88	41,360
211012	1	Vocational and educational counselors	23.60	49,090
291051	1	Pharmacists	44.47	92,500
131111	2	Management analysts	31.84	66,320
	2	Artists & commercial artists	Na	
132072	3	Loan officers & counselors	29.51/21.18	61,400/44,060
132011	3	Accountants & auditors	28.98	60,250
131023	3	Purchasing agents, except wholesale/retail	25.49	53,010
131079	3	Personnel, training, labor relations spec.	23.85	49,610
131051	3	Cost estimators	26.34	54,800
132081	3	Tax examiners, collectors, revenue agents	24.17	50,280
172051	3	Civil engineers, including traffic	33.46	69,590
173012	3	Electrical & electronic engineers	23.72	49,350
151032	3	Computer engineers	34.44	71,640
172141	3	Mechanical engineers	38.19	79,430
171011	3	Architects, except landscaping & marine	37.05	77,080
151051	3	Systems analysts	32.60	67,800
151061	3	Database administrators	34.06	70,860
151041	3	Computer support specialists	20.96	43,600
151021	3	Computer programmers	29.59	61,550
<b>Community and Social Services Occupations</b>				
211029	3	Social workers, except medical & psychiatric	24.50	50,960
211019	3	Residential counselors	19.35	40,260
252011	3	Teachers, preschool	12.25	25,480
252012	3	Teachers, kindergarten	26.21	54,520
252021	3	Teachers, elementary	28.44	59,160
252031	3	Teachers, secondary school	28.77	59,860
252041	3	Teachers, special education	23.87	49,650
291122	3	Occupational therapists	27.08	56,340

<b>OES Code</b>	<b>E/T* Code</b>	<b>OCCUPATION</b>		
<b>Professional and Technical</b>				
291123	3	Physical therapists	27.65	57,530
291071	3	Physician assistants	36.44	75,810
273043	3	Writers & editors	24.62	51,210
273031	3	Public relations specialists	23.47	48,830
271023	3	Designers, except interior design	11.20/19.72	23,310/41,020
474011	6	Construction, building inspectors	23.61	49,110
	6	Inspectors & compliance officers	Na	
252032	6	Teachers, vocational education	27.17	56,520
	6	Instructors, nonvocational education		
25111		Programmers, numerical tool and process control	Na	
25199		All other computer scientists	Na	
<b>Marketing and Sales</b>				
41002	6	Sales supervisors		
413021	3	Insurance sales workers	30.76	64,000
413031	3	Securities, financial services sales agents	35.64	74,130
	5	Sales agents, business services		
49005	5	Sales representatives, scientific products except	31.25	65,000
414011	5	Sales representatives, except retail	26.08	54,250
414012	5	Salespersons, parts	15.95	33,810
<b>Service Occupations</b>				
513021	5	Butchers & meat cutters	15.36	31,950
352012	5	Cooks, institution or cafeteria	12.37	25,730
311013	5	Psychiatric aides	13.51	28,110
312021	5	Physical & corrective therapy assistants	17.13	35,630
372011	5	Janitors & cleaners	11.47	23,860
<b>Agriculture, Forestry and Fishing</b>				
452093	5	Farm workers	11.33	23,580
392021	5	Animal caretakers, except farm	10.43	21,710
373011	5	Laborers, landscapers/groundskeepers	11.92	24,800
<b>Precision Production, Craft and Repair</b>				
491011	6	Mechanics' & repairers' supervisors	27.75	57,730
471011	6	Construction, extraction supervisors	28.66	59,620
511011	6	Production supervisors	25.99	54,050
519061	6	Production inspectors, graders	17.02	35,420
499041	5	Mechanics, industrial machinery	23.43	48,740
499044	5	Millwrights	21.65	45,040
499042	5	Maintenance repairers, general utility	15.89	33,050
492022	5	Telephone & cable TV installers, repairers	24.33	50,600
492011		Data processing equipment repairers	20.54	42,730
472031	5	Carpentry and related workers	19.45	40,460
472081	5	Drywall installers	22.10	45,960
473011	5	Masonry and related workers	19.04	39,600

<b>OES Code</b>	<b>E/T* Code</b>	<b>OCCUPATION</b>		
<b>Precision Production Craft and Repair</b>				
472141	5	Painters & paperhangers	18.87/20.79	39,270/43,250
472152	5	Plumbing and related workers	24.73	51,420
	5	Floor related workers	Na	
472071	5	Paving, surfacing, tamping operators	19.35	40,240
474051	5	Highway maintenance workers	16.00	33,270
	5	Insulation workers	Na	
472181	5	Roofers	19.00	39,510
512041	5	Structural metal workers	16.06	33,410
<b>Operators, Fabricators and Laborers</b>				
91502		Numerical control machine tool operators and tenders		
91902	5	Plastic molding, casting setters/operators	Na	
91905	5	Plastic molding, casting operators	Na	
519196	5	Paper goods machine setters/operators	15.41	32,060
9	5	Electrical & electronic assemblers		
537032	5	Excavation loading machine operators	17.86	37,140
537051	5	Industrial truck & tractor operators	16.37	34,040
472073	5	Operating engineers	22.54	46,880
	5	Mechanic & repairer helpers		
473012	5	Helpers, carpenters	12.58	26,180
537062		Hand freight, stock, material movers, hand	11.82	24,580
<b>Customized Employer-Specific Skills Training</b>				
473013	5	Electricians Helpers	12.91	26,580
23-2093	5	Title Searcher/Abstractor	21.82	45,380

**NOTE:** The Customized Employer-Specific Skills Training category is used by WIO to add employer-generated specific job titles if those job titles that can be tied to a growth industry or a career path with growth potential. Those job titles designated with a (\*) are still pending ratification by the Workforce Investment Board of Columbia & Greene Counties.