

2011 CAMWC Demand Occupation List Approved by WIB and CAMWC Board November 2011					Key: Professional = PROF; Master = M; Bachelor+ = BA + WE; Post Secondary = PS; Associate = AS; Long Term = LT; Moderate Term = MT; Short Term = ST; Work Experience = WE	Funding Usage		
Code	Occupation	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings	Minimum Skill/ Training Rating	WIA Adult & DW/TAA/NEG CRT	WIA Youth CRT	JET CRT
11-0000	Management Occupations							
11-2022	Sales Managers	1	3	4	BA	Y	Y	Y
11-3011	Administrative Services Managers	1	2	3	PS	Y	Y	Y
11-3031	Financial Managers	1	3	4	BA	Y	Y	Y
11-9032	Education Administrators, Elementary and Secondary School	1	6	7	BA	Y	Y	Y
11-9051	Food Service Managers	1	5	6	MT	Y	Y	Y
11-9111	Medical and Health Services Managers	4	6	10	BA	Y	Y	Y
13-0000	Business and Financial Operations Occupations							
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1	3	4	BA	Y	Y	Y
13-1041	Compliance Officers, Except Agriculture, Construction, Health and safety	2	1	3	BA	Y	Y	Y
13-1051	Cost Estimators	2	3	5	BA	Y	Y	Y
13-1071	Employment, Recruitment, and Placement Specialists	1	1	2	BA	Y	Y	Y
13-1141	Compensation, Benefits, and Job Analysis Specialists	1	1	2	BA	Y	Y	Y
13-1151	Training and Development Specialists	1	1	2	BA	Y	Y	Y
13-1161	Market Research Analysts	1	1	2	BA	Y	Y	Y
13-2011	Accountants and Auditors	8	9	17	BA	Y	Y	Y
15-0000	Computer and Mathematical Occupations							
15-1121	Computer Systems Analysts	1	2	3	AS	Y	Y	Y
15-1141	Database Administrators	1	1	2	PS	Y	Y	Y
15-1142	Network and Computer Systems Administrators	1	1	2	BA	Y	Y	Y
15-1143	Network Systems and Data Communications Analysts	3	1	4	BA	Y	Y	Y
19-0000	Life, Physical, and Social Science Occupations							
19-3031	Clinical, Counseling, and School Psychologists	2	8	10	M	Y	Y	Y
21-0000	Community and Social Services Occupations							
21-1012	Educational, Vocational, and School Counselors	1	3	4	M	Y	Y	Y
21-1014	Mental Health Counselors	1	1	2	BA	Y	Y	Y
21-1022	Medical and Public Health Social Workers	1	2	3	BA	Y	Y	Y
21-1023	Mental Health and Substance Abuse Social Workers	1	2	3	BA	Y	Y	Y
21-1092	Probation Officers and Correctional Treatment Specialists	2	5	7	BA	Y	Y	Y

Code	Occupation	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings	Minimum Skill/ Training Rating	WIA Adult & DW/TAA/NEG	WIA Youth	JET
25-0000	Education, Training, and Library Occupations							
25-1021	Computer Science Teachers, Postsecondary	1	2	3	BA	Y	Y	Y
25-1022	Mathematical Science Teachers, Postsecondary	1	3	4	M	Y	Y	Y
25-9041	Teacher Assistants	6	25	31	AS	Y	Y	Y
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations							
27-1024	Graphic Designers	1	2	3	AS	Y	Y	Y
27-2022	Coaches and Scouts	4	3	7	AS	Y	Y	Y
27-3031	Public Relations Specialists	1	1	2	AS	Y	Y	Y
27-3091	Interpreters and Translators	1	1	2	AS	Y	Y	Y
29-0000	Healthcare Practitioners and Technical Occupations							
29-1111	Registered Nurses	28	26	54	AS	Y	Y	Y
29-1122	Occupational Therapists	1	1	2	BA	Y	Y	Y
29-1123	Physical Therapists	2	1	3	M	Y	Y	Y
29-1126	Respiratory Therapists	1	1	2	BA	Y	Y	Y
29-2012	Medical and Clinical Laboratory Technicians	1	3	4	AS	Y	Y	Y
29-2032	Diagnostic Medical Sonographers	1	1	2	AS	Y	Y	Y
29-2037	Radiologic Technologists and Technicians	3	3	6	AS	Y	Y	Y
29-2041	Emergency Medical Technicians and Paramedics	2	5	7	PS	Y	Y	Y
29-2052	Pharmacy Technicians	5	6	11	PS	Y	Y	Y
29-2055	Surgical Technologists	4	3	7	AS	Y	Y	Y
29-2061	Licensed Practical and Licensed Vocational Nurses	11	30	41	AS	Y	Y	Y
31-0000	Healthcare Support Occupations							
31-2021	Physical Therapist Assistants	1	1	2	AS	Y	Y	Y
31-9094	Medical Transcriptionists	2	2	4	PS	Y	Y	Y
35-0000	Food Preparation and Serving Related Occupations							
35-2011	Cooks, Fast Food	9	25	34	WE	Y	Y	Y
35-2012	Cooks, Institution and Cafeteria	1	7	8	WE	Y	Y	Y
35-2014	Cooks, Restaurant	2	5	7	WE	Y	Y	Y
35-2021	Food Preparation Workers	2	14	16	WE	Y	Y	Y
35-3021	Combined Food Preparation and Serving Workers, Including Fast food	23	33	56	WE	Y	Y	Y
39-0000	Personal Care and Service Occupations							
39-9011	Child Care Workers	6	32	38	WE	Y	Y	Y
41-0000	Sales and Related Occupations							
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	6	26	32	MT	Y	Y	Y
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1	7	8	MT	Y	Y	Y
41-3021	Insurance Sales Agents	1	2	3	BA	Y	Y	Y
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical	2	21	23	BA	Y	Y	Y

Code	Occupation	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings	Minimum Skill/ Training Rating	WIA Adult & DW/TAA/NEG	WIA Youth	JET
43-0000	Office and Administrative Support Occupations							
43-1011	First-Line Supervisors/Managers of Office and Administrative	2	13	15	PS	Y	Y	Y
43-3011	Bill and Account Collectors	2	2	4	ST	Y	Y	Y
43-4051	Customer Service Representatives	7	22	29	MT	Y	Y	Y
43-4081	Hotel, Motel, and Resort Desk Clerks	1	2	3	WE	Y	Y	Y
43-5031	Police, Fire, and Ambulance Dispatchers	1	1	2	PS	Y	Y	Y
43-6011	Executive Secretaries and Administrative Assistants	3	6	9	MT/PS	Y	Y	Y
43-6014	Secretaries, Except Legal, Medical, and Executive	5	21	26	MT/LT/PS	N	N	N
43-9061	Office Clerks, General	18	31	49	PS/AS/BA	Y	Y	Y
47-0000	Construction and Extraction Occupations							
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction	1	4	5	PS/WE	Y	Y	Y
47-2031	Carpenters	4	10	14	LT	Y	Y	Y
47-2061	Construction Laborers	12	7	19	LT	Y	Y	Y
47-2073	Operating Engineers and Other Construction Equipment Operators	1	3	4	MT/WE	Y	Y	Y
47-4051	Highway Maintenance Workers	1	3	4	MT	Y	Y	Y
49-0000	Installation, Maintenance, and Repair Occupations							
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1	8	9	LT/PS	Y	Y	Y
49-2022	Telecommunications Equipment Installers and Repairers, Except Line In	3	3	6	LT/PS	Y	Y	Y
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1	2	3	PS	Y	Y	Y
49-9041	Industrial Machinery Mechanics	2	2	4	PS/AS	Y	Y	Y
49-9042	Maintenance and Repair Workers, General	7	13	20	LT	Y	Y	Y
51-0000	Production Occupations							
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Ten	1	4	5	MT	Y	Y	Y
51-8031	Water and Liquid Waste Treatment Plant and System Operators	2	2	4	MT/LT/PS/AS	Y	Y	Y
51-9111	Packaging and Filling Machine Operators and Tenders	5	4	9	MT	Y	Y	Y
53-0000	Transportation and Material Moving Occupations							
53-3022	Bus Drivers, School	2	9	11	ST	N	N	N
53-3033	Truck Drivers, Light or Delivery Services	1	12	13	MT	Y	Y	Y
53-3041	Taxi Drivers and Chauffeurs	1	1	2	ST	Y	Y	Y

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Code	Occupation	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings	Minimum Skill/ Training Rating	WIA Adult & DW/TAA/NEG CRT	WIA Youth CRT	JET CRT
11-0000	Management Occupations							
11-2021	Marketing Managers	9	16	25	BA	Y	Y	Y
11-2022	Sales Managers	17	28	45	BA	Y	Y	Y
11-3011	Administrative Services Managers	10	19	29	PS	Y	Y	Y
11-9021	Construction Managers	23	11	34	BA	Y	Y	Y
11-9039	Education Administrators	4	5	9	M	Y	Y	Y
11-9111	Medical and Health Services Managers	15	16	31	BA	Y	Y	Y
11-9151	Social and Community Service Managers	5	9	14	BA	Y	Y	Y
13-0000	Business and Financial Operations Occupations							
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	16	33	49	BA	Y	Y	Y
13-1041	Compliance Officers, Except Agriculture, Construction, Health	11	5	16	BA	Y	Y	Y
13-1051	Cost Estimators	16	22	38	BA	Y	Y	Y
13-1071	Employment, Recruitment, and Placement Specialists	21	19	40	BA	Y	Y	Y
13-1141	Compensation, Benefits, and Job Analysis Specialists	6	10	16	BA	Y	Y	Y
13-1151	Training and Development Specialists	14	15	29	BA	Y	Y	Y
13-1079	Human Resources, Training, and Labor Relations Specialists	26	31	57	BA	Y	Y	Y
13-1081	Logisticians	16	14	30	BA	Y	Y	Y
13-1111	Management Analysts	26	24	50	BA	Y	Y	Y
13-1161	Market Research Analysts	18	19	37	BA	Y	Y	Y
13-2011	Accountants and Auditors	82	75	157	BA	Y	Y	Y
13-2052	Personal Financial Advisors	12	4	16	BA	Y	Y	Y
15-0000	Computer and Mathematical Occupations							
15-1031	Computer Software Engineers, Applications	14	9	23	PS	Y	Y	Y
15-1032	Computer Software Engineers, Systems Software	9	4	13	BA	Y	Y	Y
15-1121	Computer Systems Analysts	13	20	33	BA	Y	Y	Y
15-1142	Network and Computer Systems Administrators	18	16	34	BA	Y	Y	Y
15-1143	Network Systems and Data Communications Analysts	34	13	47	BA	Y	Y	Y
17-0000	Architecture and Engineering Occupations							
17-1011	Architects, Except Landscape and Naval	4	5	9	BA	Y	Y	Y

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17-2051	Civil Engineers	10	8	18	BA	Y	Y	Y
17-2112	Industrial Engineers	28	57	85	BA	Y	Y	Y
17-3026	Industrial Engineering Technicians	14	18	32	BA	Y	Y	Y
19-0000	Life, Physical, and Social Science Occupations							
19-2041	Environmental Scientists and Specialists, Including Health	3	2	5	BA	Y	Y	Y
21-0000	Community and Social Services Occupations							
21-1011	Substance Abuse and Behavioral Disorder Counselors	4	5	9	BA	Y	Y	Y
21-1012	Educational, Vocational, and School Counselors	7	13	20	BA	Y	Y	Y
21-1014	Mental Health Counselors	4	4	8	BA	Y	Y	Y
21-1022	Medical and Public Health Social Workers	8	11	19	BA	Y	Y	Y
21-1023	Mental Health and Substance Abuse Social Workers	7	9	16	BA	Y	Y	Y
21-1091	Health Educators	6	8	14	BA	Y	Y	Y
21-1092	Probation Officers and Correctional Treatment Specialists	4	7	11	BA	Y	Y	Y
21-1093	Social and Human Service Assistants	15	18	33	PS	Y	Y	Y
23-0000	Legal Occupations							
23-2011	Paralegals and Legal Assistants	12	6	18	PS	Y	Y	Y
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations							
27-1021	Commercial and Industrial Designers	11	23	34	BA	Y	Y	Y
27-3031	Public Relations Specialists	18	18	36	BA	Y	Y	Y
27-3042	Technical Writers	8	6	14	BA	Y	Y	Y
27-3043	Writers and Authors	8	10	18	BA	Y	Y	Y
27-4011	Audio and Video Equipment Technicians	3	7	10	AS	Y	Y	Y
29-0000	Healthcare Practitioners and Technical Occupations							
29-1111	Registered Nurses	204	144	348	AS	Y	Y	Y
29-1122	Occupational Therapists	10	9	19	BA	Y	Y	Y
29-1126	Respiratory Therapists	12	9	21	BA	Y	Y	Y
29-2021	Dental Hygienists	32	22	54	AS	Y	Y	Y
29-2031	Cardiovascular Technologists and Technicians	4	2	6	AS	Y	Y	Y
29-2032	Diagnostic Medical Sonographers	3	2	5	AS	Y	Y	Y
29-2037	Radiologic Technologists and Technicians	12	11	23	AS	Y	Y	Y
29-2052	Pharmacy Technicians	23	22	45	PS	Y	Y	Y
29-2055	Surgical Technologists	5	6	11	PS	Y	Y	Y

Code	Occupation	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings	Minimum Skill/ Training Rating	WIA Adult & DW/TAA/NEG	WIA Youth	JET
29-2056	Veterinary Technologists and Technicians	5	4	9	PS	Y	Y	Y
29-2061	Licensed Practical and Licensed Vocational Nurses	56	80	136	AS	Y	Y	Y
31-0000	Healthcare Support Occupations							
31-2011	Occupational Therapist Assistants	5	2	7	AS	Y	Y	Y
31-2021	Physical Therapist Assistants	7	3	10	AS	Y	Y	Y
31-9091	Dental Assistants	39	24	63	AS	Y	Y	Y
33-0000	Protective Service Occupations							
33-9032	Security Guards	24	38	62	PS	Y	Y	Y
35-0000	Food Preparation and Serving Related Occupations							
35-2011	Cooks, Fast Food	19	45	64	WE	Y	Y	Y
35-2012	Cooks, Institution and Cafeteria	14	31	45	WE	Y	Y	Y
35-2014	Cooks, Restaurant	37	86	123	WE	Y	Y	Y
35-3021	Combined Food Preparation and Serving Workers, Including Fa	116	141	257	WE	Y	Y	Y
39-0000	Personal Care and Service Occupations							
39-9011	Child Care Workers	39	106	145	WE	Y	Y	Y
41-0000	Sales and Related Occupations							
41-3021	Insurance Sales Agents	29	43	72	BA	Y	Y	Y
41-3031	Securities, Commodities, and Financial Services Sales Agents	10	25	35	BA	Y	Y	Y
43-0000	Office and Administrative Support Occupations							
43-3011	Bill and Account Collectors	21	19	40	ST	Y	Y	Y
43-4051	Customer Service Representatives	159	288	447	MT	Y	Y	Y
43-4081	Hotel, Motel, and Resort Desk Clerks	7	17	24	WE	Y	Y	Y
43-5031	Police, Fire, and Ambulance Dispatchers	3	4	7	PS	Y	Y	Y
43-6012	Legal Secretaries	11	10	21	PS	Y	Y	Y
43-6013	Medical Secretaries	24	14	38	PS	Y	Y	Y
43-9061	Office Clerks, General	134	164	298	PS	Y	Y	Y
47-0000	Construction and Extraction Occupations							
47-1011	First-Line Supervisors/Managers of Construction Trades	22	33	55	PS	Y	Y	Y
47-2061	Construction Laborers	45	20	65	LT	Y	Y	Y
47-2152	Plumbers, Pipefitters, and Steamfitters	17	31	48	PS	Y	Y	Y
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	4	4	8	PS	Y	Y	Y
47-4011	Construction and Building Inspectors	5	5	10	PS	Y	Y	Y

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49-0000	Installation, Maintenance, and Repair Occupations							
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	25	17	42	PS	Y	Y	Y
51-0000	Production Occupations							
51-2023	Electromechanical Equipment Assemblers	4	4	8	PS	Y	Y	Y
51-8031	Water and Liquid Waste Treatment Plant and System Operator	5	5	10	PS	Y	Y	Y
51-9022	Grinding and Polishing Workers, Hand	4	5	9	PS	Y	Y	Y
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	19	14	33	PS	Y	Y	Y
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters	9	11	20	PS	Y	Y	Y

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11-0000	Management Occupations							
11-9021	Construction Managers	6	4	10	BA	Y	Y	Y
11-9039	Education Administrators	7	8	15	BA	Y	Y	Y
13-0000	Business and Financial Operations Occupations							
13-1041	Compliance Officers, Except Agriculture, Construction, Health	7	4	11	BA	Y	Y	Y
13-1051	Cost Estimators	5	8	13	BA	Y	Y	Y
13-1071	Employment, Recruitment, and Placement Specialists	4	6	10	BA	Y	Y	Y
13-1141	Compensation, Benefits, and Job Analysis Specialists	5	10	15	BA	Y	Y	Y
13-1151	Training and Development Specialists	9	12	21	BA	Y	Y	Y
13-1081	Logisticians	4	4	8	BA	Y	Y	Y
13-2011	Accountants and Auditors	29	42	71	BA	Y	Y	Y
15-0000	Computer and Mathematical Occupations							
15-1031	Computer Software Engineers, Applications	8	3	11	BA	Y	Y	Y
15-1121	Computer Systems Analysts	10	13	23	AS	Y	Y	Y
15-1141	Database Administrators	3	4	7	PS	Y	Y	Y
15-1143	Network Systems and Data Communications Analysts	18	7	25	BA	Y	Y	Y
15-2031	Operations Research Analysts	3	3	6	BA	Y	Y	Y
19-0000	Life, Physical, and Social Science Occupations							
19-1042	Medical Scientists, Except Epidemiologists	6	4	10	BA	Y	Y	Y
19-3021	Market Research Analysts	7	8	15	BA	Y	Y	Y
21-0000	Community and Social Services Occupations							
21-1014	Mental Health Counselors	3	3	6	BA	Y	Y	Y
21-1022	Medical and Public Health Social Workers	3	4	7	BA	Y	Y	Y
23-0000	Legal Occupations							
23-2011	Paralegals and Legal Assistants	4	3	7	PS	Y	Y	Y

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27-0000	Arts, Design, Entertainment, Sports, and Media Occupations							
27-3031	Public Relations Specialists	19	23	42	BA	Y	Y	Y
27-3042	Technical Writers	3	2	5	BA	Y	Y	Y
29-0000	Healthcare Practitioners and Technical Occupations							
29-1111	Registered Nurses	89	90	179	AS	Y	Y	Y
29-1126	Respiratory Therapists	3	3	6	BA	Y	Y	Y
29-2021	Dental Hygienists	15	11	26	AS	Y	Y	Y
29-2031	Cardiovascular Technologists and Technicians	4	2	6	AS	Y	Y	Y
29-2037	Radiologic Technologists and Technicians	4	4	8	AS	Y	Y	Y
29-2052	Pharmacy Technicians	11	13	24	PS	Y	Y	Y
29-2056	Veterinary Technologists and Technicians	3	5	8	PS	Y	Y	Y
29-2061	Licensed Practical and Licensed Vocational Nurses	9	18	27	AS	Y	Y	Y
31-0000	Healthcare Support Occupations							
31-9091	Dental Assistants	9	6	15	PS	Y	Y	Y
33-0000	Protective Service Occupations							
33-9032	Security Guards	13	22	35	PS	Y	Y	Y
35-0000	Food Preparation and Serving Related Occupations							
35-3021	Combined Food Preparation and Serving Workers, Including	56	86	142	WE	Y	Y	Y
35-9021	Dishwashers	9	32	41	WE	Y	Y	Y
39-0000	Personal Care and Service Occupations							
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3	8	11	WE	Y	Y	Y
41-0000	Sales and Related Occupations							
41-3011	Advertising Sales Agents	3	5	8	BA	Y	Y	Y
41-3021	Insurance Sales Agents	17	24	41	BA	Y	Y	Y
43-0000	Office and Administrative Support Occupations							
43-3011	Bill and Account Collectors	10	10	20	ST	Y	Y	Y
43-3021	Billing and Posting Clerks and Machine Operators	15	19	34	ST	Y	Y	Y
43-4051	Customer Service Representatives	70	134	204	MT	Y	Y	Y
43-6013	Medical Secretaries	8	8	16	PS	Y	Y	Y
47-0000	Construction and Extraction Occupations							
47-2061	Construction Laborers	19	9	28	LT	Y	Y	Y

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51-0000	Production Occupations							
51-8031	Water and Liquid Waste Treatment Plant and System Operat	3	5	8	PS	Y	Y	Y
51-9023	Mixing and Blending Machine Setters, Operators, and Tende	3	3	6	PS	Y	Y	Y