

Northwest Michigan Long-Term Demand Occupations With Above Average Job Growth Rates
 (Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford counties)

Education/Training Requirement	SOC	Occupational Title	Employment				Annual Average Openings			2009 Local	2009 Local	2009 MI	2009 MI
			2006	2016	Change	% Cng	Total	Growth	Replacement	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
Demand Occupations Requiring a Bachelor's or Master's Degree													
Master's degree	21-1012	Educational, Voc, & School Counselors	185	205	20	10.3	6	2	4	\$26.14	\$54,370	\$25.76	\$53,580
Master's degree	25-9031	Instructional Coordinators	225	280	55	24.1	8	5	3	\$29.82	\$62,020	\$29.25	\$60,840
Master's degree	29-1071	Physician Assistants	110	145	35	32.1	6	4	2	\$38.72	\$80,550	\$41.81	\$86,960
Master's degree	29-1122	Occupational Therapists	100	120	20	21.2	4	2	2	\$24.68	\$51,340	\$30.91	\$64,290
Master's degree	29-1123	Physical Therapists	210	275	65	32.5	10	7	3	\$35.76	\$74,390	\$35.73	\$74,310
Master's degree	29-1127	Speech-Language Pathologists	100	110	10	11.1	3	1	2	\$37.41	\$77,810	\$33.78	\$70,270
Bachelor's plus work experience	11-3021	Computer & Information Systems Managers	90	105	15	14.1	3	1	2	\$42.70	\$88,820	\$50.70	\$105,460
Bachelor's plus work experience	11-3031	Financial Managers	220	245	25	10.4	5	2	3	\$36.02	\$74,910	\$48.18	\$100,210
Bachelor's plus work experience	11-9032	Education Administrators: Elem/Sec School	255	285	30	11.8	10	3	7		\$81,180		\$88,150
Bachelor's plus work experience	11-9111	Medical & Health Services Managers	175	205	30	17.2	6	3	3	\$43.17	\$89,800	\$40.83	\$84,920
Bachelor's plus work experience	27-2012	Producers and Directors	125	140	15	13.8	6	2	4			\$34.20	\$71,140
Bachelor's degree	11-9021	Construction Managers	210	235	25	13.0	6	3	3	\$39.89	\$82,960	\$44.36	\$92,280
Bachelor's degree	11-9151	Social/Community Service Managers	80	90	10	12.7	3	1	2	\$26.27	\$54,630	\$28.01	\$58,260
Bachelor's degree	13-1051	Cost Estimators	415	495	80	19.8	17	8	9	\$27.59	\$57,390	\$29.77	\$61,920
Bachelor's degree	13-1121	Meeting and Convention Planners	65	75	10	10.6	2	1	1			\$20.17	\$41,960
Bachelor's degree	13-1199	Business Operations Specialists-All Other	490	585	95	19.3	15	10	5	\$33.36	\$69,380	\$35.28	\$73,380
Bachelor's degree	13-2011	Accountants and Auditors	970	1,125	155	16.2	33	16	17	\$30.46	\$63,370	\$30.93	\$64,330
Bachelor's degree	13-2021	Appraisers/Assessors of Real Estate	180	210	30	14.8	7	3	4	\$13.79	\$28,680	\$23.73	\$49,360
Bachelor's degree	13-2052	Personal Financial Advisors	105	135	30	28.6	4	3	1	\$40.39	\$84,010	\$43.43	\$90,330
Bachelor's degree	13-2099	Financial Specialists, All Other	65	70	5	11.1	3	1	2	\$28.71	\$59,720	\$29.98	\$62,350
Bachelor's degree	15-1031	Computer Software Engineers-Applications	90	130	40	47.2	5	4	1	\$28.85	\$60,020	\$37.13	\$77,220
Bachelor's degree	15-1051	Computer Systems Analysts	65	85	20	31.3	4	2	2	\$30.78	\$64,020	\$38.55	\$80,180
Bachelor's degree	15-1071	Network & Computer Systems Administrators	125	150	25	21.6	6	3	3	\$26.47	\$55,070	\$31.98	\$66,520
Bachelor's degree	15-1081	Network Systems & Data Comm Analysts	225	310	85	36.9	13	8	5	\$30.18	\$62,780	\$34.83	\$72,440
Bachelor's degree	17-1011	Architects, Except Landscape & Naval	85	100	15	18.8	4	2	2	\$29.63	\$61,630	\$35.05	\$72,900
Bachelor's degree	17-1022	Surveyors	85	105	20	25.0	5	2	3	\$23.80	\$49,500	\$27.15	\$56,460
Bachelor's degree	17-2051	Civil Engineers	260	310	50	19.2	12	5	7	\$32.24	\$67,060	\$34.65	\$72,070
Bachelor's degree	17-2081	Environmental Engineers	65	85	20	30.3	4	2	2	\$30.88	\$64,230	\$37.58	\$78,160
Bachelor's degree	17-2112	Industrial Engineers	290	360	70	24.4	14	7	7	\$28.80	\$59,910	\$38.11	\$79,260
Bachelor's degree	17-2199	Engineers, All Other	95	110	15	12.5	2	1	1	\$27.13	\$56,420	\$38.44	\$79,950
Bachelor's degree	19-3021	Market Research Analysts	130	155	25	21.9	4	3	1	\$26.10	\$54,280	\$31.95	\$66,470
Bachelor's degree	21-1011	Substance Abuse/Behavrl Disordr Counselor	80	95	15	17.7	3	1	2	\$16.79	\$34,920	\$19.43	\$40,420
Bachelor's degree	21-1022	Medical & Public Health Social Workers	145	175	30	21.4	6	3	3	\$22.29	\$46,360	\$23.62	\$49,120
Bachelor's degree	25-2022	Middle School Teachers, Ex Spec/Voc Ed	515	570	55	10.3	16	5	11		\$53,660		\$55,270
Bachelor's degree	25-2041	Special Ed Teachers, Pre/Kinder/Elem Schl	80	100	20	23.2	4	2	2		\$48,780		\$56,830
Bachelor's degree	25-2042	Special Education Teachers-Middle School	75	90	15	19.7	4	2	2		\$52,330		\$56,540
Bachelor's degree	25-2043	Special Ed Teachers-Secondary School	105	115	10	13.6	3	1	2		\$50,930		\$53,770
Bachelor's degree	25-3099	Teachers & Instructors, All Other	1,950	2,225	275	14.1	49	28	21		\$35,680		\$41,480
Bachelor's degree	27-1024	Graphic Designers	265	295	30	10.2	10	3	7	\$20.55	\$42,740	\$20.67	\$42,980
Bachelor's degree	27-3031	Public Relations Specialists	310	350	40	12.9	6	4	2	\$20.07	\$41,750	\$26.46	\$55,030
Bachelor's degree	29-1199	Health Diagnose/Treat Practitioners, AO	70	90	20	26.8	3	2	1			\$32.13	\$66,830
Bachelor's degree	41-3021	Insurance Sales Agents	495	585	90	18.3	20	9	11	\$21.15	\$44,000	\$29.41	\$61,170
Bachelor's degree	41-3031	Security/Commodity/Finance Sales Agents	110	125	15	12.5	4	1	3	\$41.78	\$86,900	\$34.54	\$71,850

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Education/Training Requirement	SOC	Occupational Title	Employment				Annual Average Openings			2009 Local Hourly Wage	2009 Local Annual Wage	2009 MI Hourly Wage	2009 MI Annual Wage
			2006	2016	Change	% Cng	Total	Growth	Replacement				
Demand Occupations Requiring an Associate's Degree or Vocational Certificate													
Associate's degree	17-3022	Civil Engineering Technicians	120	135	15	13.6	4	2	2			\$23.12	\$48,090
Associate's degree	17-3026	Industrial Engineering Technicians	125	140	15	12.7	5	2	3	\$19.10	\$39,740	\$22.74	\$47,290
Associate's degree	19-4061	Social Science Research Assistants	125	145	20	16.9	7	2	5			\$15.81	\$32,890
Associate's degree	29-1111	Registered Nurses	2,825	3,555	730	25.8	120	73	47	\$26.47	\$55,060	\$30.82	\$64,100
Associate's degree	29-2012	Medical & Clinical Laboratory Technicians	215	250	35	17.8	7	4	3	\$14.28	\$29,710	\$16.34	\$33,990
Associate's degree	29-2021	Dental Hygienists	265	340	75	29.7	13	8	5	\$29.15	\$60,620	\$28.67	\$59,640
Associate's degree	29-2034	Radiologic Technologists & Technicians	285	345	60	19.9	10	6	4	\$21.81	\$45,360	\$23.79	\$49,480
Associate's degree	29-2071	Medical Records/Health Info Technicians	145	170	25	18.1	7	3	4	\$14.02	\$29,160	\$16.49	\$34,290
Associate's degree	43-6012	Legal Secretaries	165	190	25	15.1	6	3	3	\$17.35	\$36,090	\$21.08	\$43,840
Post-Secondary vocational training	25-2011	Preschool Teachers, Ex Special Education	140	155	15	11.3	4	2	2	\$12.99	\$27,030	\$15.08	\$31,370
Post-Secondary vocational training	29-2041	Emergency Medical Tech & Paramedics	430	530	100	22.7	15	10	5	\$14.19	\$29,510	\$15.25	\$31,730
Post-Secondary vocational training	29-2055	Surgical Technologists	80	105	25	28.0	5	2	3	\$17.35	\$36,090	\$19.47	\$40,500
Post-Secondary vocational training	29-2061	Licensed Practical & Licensed Voc Nurses	530	600	70	12.4	22	7	15	\$18.48	\$38,440	\$20.45	\$42,540
Post-Secondary vocational training	31-1012	Nursing Aides, Orderlies, & Attendants	2,065	2,405	340	16.5	53	34	19	\$12.39	\$25,770	\$12.41	\$25,820
Post-Secondary vocational training	31-9011	Massage Therapists	245	275	30	13.2	6	3	3	\$18.89	\$39,290	\$17.04	\$35,440
Post-Secondary vocational training	31-9094	Medical Transcriptionists	140	155	15	11.4	4	2	2	\$14.67	\$30,520	\$15.50	\$32,240
Post-Secondary vocational training	39-1012	Slot Key Persons	185	200	15	10.4	5	2	3			\$16.54	\$34,410
Post-Secondary vocational training	39-3011	Gaming Dealers	385	465	80	20.6	16	8	8			\$10.15	\$21,110
Post-Secondary vocational training	39-5012	Hairdressers/Hairstylists/Cosmetologists	410	465	55	13.7	11	6	5	\$12.23	\$25,450	\$12.67	\$26,350
Post-Secondary vocational training	39-5092	Manicurists and Pedicurists	120	145	25	19.2	3	2	1	\$9.71	\$20,200	\$10.17	\$21,160
Post-Secondary vocational training	39-9031	Fitness Trainers & Aerobics Instructors	230	280	50	22.7	9	5	4	\$13.96	\$29,030	\$13.28	\$27,630
Post-Secondary vocational training	41-9022	Real Estate Sales Agents	640	715	75	11.7	18	8	10	\$27.20	\$56,580	\$22.20	\$46,170
Post-Secondary vocational training	49-3023	Automotive Service Technicians/Mechanics	880	970	90	10.2	27	9	18	\$14.81	\$30,800	\$18.95	\$39,410
Post-Secondary vocational training	51-4122	Weld/Solder/Braze Mach Settrs/Oprs/Tndrs	80	90	10	11.4	3	1	2			\$19.37	\$40,300
Demand Occupations Requiring Work Experience; Long-term (> 1 Year); or Moderate-term (1-12 Months) On-the-Job Training													
Work experience in a related occupation	11-9081	Lodging Managers	160	185	25	15.5	7	3	4	\$28.67	\$59,640	\$25.02	\$52,050
Work experience in a related occupation	11-9199	Managers, All Other	530	590	60	11.1	17	6	11	\$35.33	\$73,490	\$47.78	\$99,380
Work experience in a related occupation	25-3021	Self-Enrichment Education Teachers	155	175	20	14.4	4	2	2	\$16.63	\$34,580	\$18.43	\$38,340
Work experience in a related occupation	37-1012	First-Line Sup/Mgrs: Landscaping Workers	390	450	60	15.1	9	6	3	\$19.85	\$41,290	\$20.97	\$43,630
Work experience in a related occupation	39-1011	Gaming Supervisors	145	175	30	17.7	6	3	3			\$28.81	\$59,920
Work experience in a related occupation	39-1021	First-Line Sup/Mgrs: Personal Serv Wrkrs	190	215	25	12.6	6	2	4	\$16.52	\$34,370	\$17.65	\$36,710
Work experience in a related occupation	41-3099	Sales Representatives, Services, AO	315	380	65	21.3	14	7	7	\$18.46	\$38,390	\$26.42	\$54,950
Work experience in a related occupation	41-4011	Sales Reps, Whsls/Mfg, Tech/Scie Products	300	340	40	12.7	11	4	7	\$33.58	\$69,850	\$40.45	\$84,130
Work experience in a related occupation	41-9021	Real Estate Brokers	80	90	10	15.0	2	1	1			\$36.87	\$76,680
Work experience in a related occupation	43-6011	Executive Secretaries & Admin Assistants	1,015	1,145	130	12.8	29	13	16	\$17.29	\$35,960	\$20.50	\$42,640
Work experience in a related occupation	47-1011	First-Line Sup/Mgrs: Construction/Extract	445	500	55	11.9	11	5	6	\$23.18	\$48,210	\$30.30	\$63,030
Work experience in a related occupation	47-4011	Construction & Building Inspectors	125	140	15	14.6	4	2	2	\$22.22	\$46,210	\$24.32	\$50,580
Work experience in a related occupation	53-1031	First-Line Sup/Mgrs: Trns/M-M Mach/Veh Op	230	250	20	10.1	7	2	5	\$23.55	\$48,990	\$26.51	\$55,150
Long-term On-the-Job Training	13-1031	Claims Adjusters/Examiners/Investigators	70	85	15	19.7	3	1	2	\$26.90	\$55,940	\$27.88	\$57,980
Long-term On-the-Job Training	27-2022	Coaches and Scouts	160	185	25	13.0	6	2	4		\$27,260		\$33,250

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Long-term On-the-Job Training	27-4021	Photographers	120	135	15	15.3	5	2	3			\$19.98	\$41,550
Long-term On-the-Job Training	29-2081	Opticians, Dispensing	75	85	10	13.0	4	1	3	\$14.80	\$30,780	\$15.48	\$32,210
Long-term On-the-Job Training	35-2014	Cooks, Restaurant	1,165	1,290	125	10.9	45	13	32	\$10.17	\$21,160	\$10.52	\$21,890
Long-term On-the-Job Training	47-2021	Brickmasons and Blockmasons	450	520	70	15.1	16	7	9	\$19.15	\$39,840	\$26.10	\$54,280
Long-term On-the-Job Training	47-2031	Carpenters	2,160	2,415	255	11.8	54	25	29	\$17.61	\$36,630	\$21.23	\$44,160
Long-term On-the-Job Training	47-2044	Tile and Marble Setters	150	170	20	15.4	4	2	2			\$24.44	\$50,840
Long-term On-the-Job Training	47-2152	Plumbers, Pipefitters, & Steamfitters	620	695	75	12.3	21	8	13	\$22.57	\$46,940	\$26.78	\$55,700
Long-term On-the-Job Training	47-2211	Sheet Metal Workers	175	195	20	10.2	6	2	4	\$22.87	\$47,570	\$26.06	\$54,200
Long-term On-the-Job Training	49-3051	Motorboat Mechanics	120	140	20	17.4	4	2	2	\$19.02	\$39,560	\$18.10	\$37,650
Long-term On-the-Job Training	49-9021	Heating/Air Cond/Refrig Mechanics/Instllr	95	105	10	10.5	3	1	2	\$22.75	\$47,320	\$22.33	\$46,440
Long-term On-the-Job Training	49-9031	Home Appliance Repairers	115	130	15	11.2	4	1	3	\$17.40	\$36,180	\$17.71	\$36,840
Long-term On-the-Job Training	49-9041	Industrial Machinery Mechanics	120	140	20	17.6	4	2	2	\$23.21	\$48,270	\$23.80	\$49,500
Long-term On-the-Job Training	51-3011	Bakers	150	165	15	10.6	5	2	3	\$10.83	\$22,530	\$11.40	\$23,700
Long-term On-the-Job Training	51-6052	Tailors, Dressmakers, & Custom Sewers	105	120	15	13.2	3	1	2	\$10.92	\$22,720	\$12.99	\$27,020
Long-term On-the-Job Training	51-7011	Cabinetmakers & Bench Carpenters	175	200	25	12.4	7	2	5	\$18.30	\$38,060	\$15.92	\$33,120
Long-term On-the-Job Training	51-8031	Water/Liquid Waste Treat Plant/Sys Opers	75	85	10	12.0	2	1	1	\$19.99	\$41,580	\$20.25	\$42,130
Moderate-term On-the-Job Training	17-3031	Surveying and Mapping Technicians	135	165	30	22.4	6	3	3	\$18.03	\$37,490	\$18.87	\$39,240
Moderate-term On-the-Job Training	21-1093	Social & Human Service Assistants	460	545	85	18.0	13	8	5	\$13.86	\$28,830	\$14.14	\$29,400
Moderate-term On-the-Job Training	29-2052	Pharmacy Technicians	340	435	95	27.7	19	9	10	\$12.36	\$25,700	\$13.42	\$27,910
Moderate-term On-the-Job Training	31-9091	Dental Assistants	325	415	90	27.5	15	9	6	\$16.55	\$34,430	\$16.45	\$34,210
Moderate-term On-the-Job Training	31-9092	Medical Assistants	580	805	225	39.6	30	23	7	\$13.83	\$28,770	\$13.68	\$28,460
Moderate-term On-the-Job Training	33-3012	Correctional Officers and Jailers	635	700	65	10.1	21	6	15	\$22.86	\$47,540	\$23.83	\$49,560
Moderate-term On-the-Job Training	41-3011	Advertising Sales Agents	180	210	30	17.1	6	3	3	\$22.78	\$47,390	\$24.47	\$50,890
Moderate-term On-the-Job Training	41-9011	Demonstrators & Product Promoters	80	90	10	14.1	3	1	2			\$11.21	\$23,320
Moderate-term On-the-Job Training	41-9099	Sales & Related Workers, All Other	115	130	15	12.9	3	2	1	\$13.15	\$27,360	\$18.42	\$38,310
Moderate-term On-the-Job Training	43-3021	Billing & Posting Clerks & Mach Operators	615	680	65	10.4	14	6	8	\$14.67	\$30,520	\$16.00	\$33,270
Moderate-term On-the-Job Training	43-3031	Bookkeeping/Accounting/Auditing Clerks	2,385	2,665	280	11.9	65	28	37	\$15.50	\$32,240	\$16.64	\$34,600
Moderate-term On-the-Job Training	43-4051	Customer Service Representatives	1,585	2,040	455	28.7	90	46	44	\$14.47	\$30,090	\$16.58	\$34,480
Moderate-term On-the-Job Training	43-5031	Police, Fire, & Ambulance Dispatchers	125	140	15	10.3	4	1	3	\$17.17	\$35,710	\$18.95	\$39,420
Moderate-term On-the-Job Training	43-6013	Medical Secretaries	170	200	30	17.1	6	3	3	\$14.70	\$30,580	\$14.72	\$30,620
Moderate-term On-the-Job Training	43-9041	Insurance Claims/Policy Processing Clerks	105	120	15	11.3	2	1	1			\$16.53	\$34,390
Moderate-term On-the-Job Training	47-2051	Cement Masons & Concrete Finishers	235	265	30	11.9	10	3	7	\$16.57	\$34,450	\$19.44	\$40,430
Moderate-term On-the-Job Training	47-2061	Construction Laborers	1,320	1,480	160	12.1	26	16	10	\$15.49	\$32,220	\$16.76	\$34,850
Moderate-term On-the-Job Training	47-2071	Paving/Surfacing/Tamping Equip Operators	190	215	25	15.4	7	3	4			\$20.38	\$42,380
Moderate-term On-the-Job Training	47-2141	Painters, Construction & Maintenance	660	730	70	10.7	19	7	12	\$14.78	\$30,740	\$20.17	\$41,960
Moderate-term On-the-Job Training	47-2181	Roofers	155	180	25	15.4	6	2	4	\$15.46	\$32,150	\$16.77	\$34,880
Moderate-term On-the-Job Training	47-4071	Septic Tank Servicers/Sewer Pipe Cleaners	75	85	10	11.7	3	1	2	\$14.05	\$29,230	\$17.20	\$35,780
Moderate-term On-the-Job Training	49-9012	Control/Valve Instll/Repair, Ex Mech Door	105	120	15	13.3	3	1	2	\$22.85	\$47,540	\$23.52	\$48,920
Moderate-term On-the-Job Training	49-9099	Installation/Maint/Repair Workers, AO	335	375	40	12.0	6	4	2	\$18.31	\$38,090	\$20.61	\$42,870
Moderate-term On-the-Job Training	51-4011	Computer-Controlled Mach Tool Opers, M/P	330	385	55	16.3	9	5	4	\$18.86	\$39,240	\$17.58	\$36,570
Moderate-term On-the-Job Training	51-7041	Sawing Machine Settrs/Oprs/Tndrs, Wood	115	135	20	18.4	4	2	2	\$13.15	\$27,340	\$14.26	\$29,670
Moderate-term On-the-Job Training	51-7042	Woodwork Mach Settrs/Oprs/Tndrs, Ex Saw	110	135	25	21.8	5	2	3			\$14.36	\$29,870
Moderate-term On-the-Job Training	53-7032	Excavating/Loading Mach & Dragline Oper	115	130	15	13.3	4	2	2			\$21.84	\$45,430

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Demand Occupations Requiring a Bachelor's or Master's Degree													
Bachelor's plus work experience	11-1011	Chief Executives	575	590	15	3.0	18	2	16	\$52.64	\$109,490	\$75.92	\$157,920
Bachelor's plus work experience	11-1021	General and Operations Managers	945	950	5	0.1	23	0	23	\$42.05	\$87,460	\$49.60	\$103,160
Bachelor's degree	13-1051	Cost Estimators	415	495	80	19.8	17	8	9	\$27.59	\$57,390	\$29.77	\$61,920
Bachelor's degree	13-1199	Business Operations Specialists-All Other	490	585	95	19.3	15	10	5	\$33.36	\$69,380	\$35.28	\$73,380
Bachelor's degree	13-2011	Accountants and Auditors	970	1,125	155	16.2	33	16	17	\$30.46	\$63,370	\$30.93	\$64,330
Bachelor's degree	15-1081	Network Systems & Data Comm Analysts	225	310	85	36.9	13	8	5	\$30.18	\$62,780	\$34.83	\$72,440
Bachelor's degree	17-2112	Industrial Engineers	290	360	70	24.4	14	7	7	\$28.80	\$59,910	\$38.11	\$79,260
Bachelor's degree	25-2021	Elementary School Teachers, Ex Special Ed	1,110	1,210	100	9.0	34	10	24		\$50,930		\$54,290
Bachelor's degree	25-2022	Middle School Teachers, Ex Spec/Voc Ed	515	570	55	10.3	16	5	11		\$53,660		\$55,270
Bachelor's degree	25-2031	Secondary School Teachers, Ex Spec/Voc Ed	1,270	1,350	80	6.0	46	8	38		\$47,140		\$52,110
Bachelor's degree	25-3099	Teachers & Instructors, All Other	1,950	2,225	275	14.1	49	28	21		\$35,680		\$41,480
Bachelor's degree	41-3021	Insurance Sales Agents	495	585	90	18.3	20	9	11	\$21.15	\$44,000	\$29.41	\$61,170
Demand Occupations Requiring an Associate's Degree or Vocational Certificate													
Associate's degree	29-1111	Registered Nurses	2,825	3,555	730	25.8	120	73	47	\$26.47	\$55,060	\$30.82	\$64,100
Associate's degree	29-2021	Dental Hygienists	265	340	75	29.7	13	8	5	\$29.15	\$60,620	\$28.67	\$59,640
Post-Secondary vocational training	29-2041	Emergency Medical Tech & Paramedics	430	530	100	22.7	15	10	5	\$14.19	\$29,510	\$15.25	\$31,730
Post-Secondary vocational training	29-2061	Licensed Practical & Licensed Voc Nurses	530	600	70	12.4	22	7	15	\$18.48	\$38,440	\$20.45	\$42,540
Post-Secondary vocational training	31-1012	Nursing Aides, Orderlies, & Attendants	2,065	2,405	340	16.5	53	34	19	\$12.39	\$25,770	\$12.41	\$25,820
Post-Secondary vocational training	39-3011	Gaming Dealers	385	465	80	20.6	16	8	8			\$10.15	\$21,110
Post-Secondary vocational training	41-9022	Real Estate Sales Agents	640	715	75	11.7	18	8	10	\$27.20	\$56,580	\$22.20	\$46,170
Post-Secondary vocational training	49-3023	Automotive Service Technicians/Mechanics	880	970	90	10.2	27	9	18	\$14.81	\$30,800	\$18.95	\$39,410
Demand Occupations Requiring Work Experience; Long-term (> 1 Year); or Moderate-term (1-12 Months) On-the-Job Training													
Work experience in a related occupation	11-9051	Food Service Managers	500	540	40	8.0	16	4	12	\$24.59	\$51,140	\$24.57	\$51,110
Work experience in a related occupation	11-9199	Managers, All Other	530	590	60	11.1	17	6	11	\$35.33	\$73,490	\$47.78	\$99,380
Work experience in a related occupation	35-1012	First-Line Sup/Mgrs: Food Prep/Serv Wrkrs	980	1,060	80	8.3	15	8	7	\$16.01	\$33,300	\$14.86	\$30,910
Work experience in a related occupation	41-1011	First-Line Sup/Mgrs of Retail Sales Wrkrs	2,225	2,410	185	8.4	66	19	47	\$16.49	\$34,310	\$19.38	\$40,310
Work experience in a related occupation	41-3099	Sales Representatives, Services, AO	315	380	65	21.3	14	7	7	\$18.46	\$38,390	\$26.42	\$54,950
Work experience in a related occupation	41-4012	Sales Reps, Whsl/Mfg, Ex Tech/Sc Product	1,060	1,165	105	9.9	34	11	23	\$25.46	\$52,960	\$28.70	\$59,690
Work experience in a related occupation	43-1011	First-Line Sup/Mgrs: Office/Admin Support	905	935	30	3.3	22	3	19	\$20.04	\$41,690	\$24.03	\$49,990
Work experience in a related occupation	43-6011	Executive Secretaries & Admin Assistants	1,015	1,145	130	12.8	29	13	16	\$17.29	\$35,960	\$20.50	\$42,640
Work experience in a related occupation	51-1011	First-Line Sup/Mgrs: Productn/Oper Wrkrs	660	680	20	3.0	13	2	11	\$25.96	\$54,000	\$28.97	\$60,260
Long-term On-the-Job Training	35-2014	Cooks, Restaurant	1,165	1,290	125	10.9	45	13	32	\$10.17	\$21,160	\$10.52	\$21,890
Long-term On-the-Job Training	47-2021	Brickmasons and Blockmasons	450	520	70	15.1	16	7	9	\$19.15	\$39,840	\$26.10	\$54,280
Long-term On-the-Job Training	47-2031	Carpenters	2,160	2,415	255	11.8	54	25	29	\$17.61	\$36,630	\$21.23	\$44,160
Long-term On-the-Job Training	47-2111	Electricians	740	805	65	8.7	25	6	19	\$20.51	\$42,670	\$26.75	\$55,650
Long-term On-the-Job Training	47-2152	Plumbers, Pipefitters, & Steamfitters	620	695	75	12.3	21	8	13	\$22.57	\$46,940	\$26.78	\$55,700
Long-term On-the-Job Training	51-4041	Machinists	705	745	40	5.8	15	4	11	\$15.19	\$31,590	\$19.80	\$41,180
Moderate-term On-the-Job Training	21-1093	Social & Human Service Assistants	460	545	85	18.0	13	8	5	\$13.86	\$28,830	\$14.14	\$29,400
Moderate-term On-the-Job Training	29-2052	Pharmacy Technicians	340	435	95	27.7	19	9	10	\$12.36	\$25,700	\$13.42	\$27,910

Northwest Michigan Long-Term Demand Occupations With Above Average Annual Job Openings
 (Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford counties)

Education/Training Requirement	SOC	Occupational Title	Employment				Annual Average Openings			2009 Local	2009 Local	2009 MI	2009 MI
			2006	2016	Change	% Cng	Total	Growth	Replacement	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
Moderate-term On-the-Job Training	31-9091	Dental Assistants	325	415	90	27.5	15	9	6	\$16.55	\$34,430	\$16.45	\$34,210
Moderate-term On-the-Job Training	31-9092	Medical Assistants	580	805	225	39.6	30	23	7	\$13.83	\$28,770	\$13.68	\$28,460
Moderate-term On-the-Job Training	33-3012	Correctional Officers and Jailers	635	700	65	10.1	21	6	15	\$22.86	\$47,540	\$23.83	\$49,560
Moderate-term On-the-Job Training	35-2012	Cooks, Institution and Cafeteria	540	570	30	5.4	18	3	15	\$11.50	\$23,920	\$12.38	\$25,740
Moderate-term On-the-Job Training	43-3021	Billing & Posting Clerks & Mach Operators	615	680	65	10.4	14	6	8	\$14.67	\$30,520	\$16.00	\$33,270
Moderate-term On-the-Job Training	43-3031	Bookkeeping/Accounting/Auditing Clerks	2,385	2,665	280	11.9	65	28	37	\$15.50	\$32,240	\$16.64	\$34,600
Moderate-term On-the-Job Training	43-4051	Customer Service Representatives	1,585	2,040	455	28.7	90	46	44	\$14.47	\$30,090	\$16.58	\$34,480
Moderate-term On-the-Job Training	43-6014	Secretaries, Ex Legal/Medical/Executive	2,415	2,485	70	2.8	46	7	39	\$13.71	\$28,510	\$15.44	\$32,110
Moderate-term On-the-Job Training	47-2061	Construction Laborers	1,320	1,480	160	12.1	26	16	10	\$15.49	\$32,220	\$16.76	\$34,850
Moderate-term On-the-Job Training	47-2141	Painters, Construction & Maintenance	660	730	70	10.7	19	7	12	\$14.78	\$30,740	\$20.17	\$41,960
Moderate-term On-the-Job Training	47-4051	Highway Maintenance Workers	525	570	45	9.4	15	5	10	\$17.72	\$36,860	\$18.58	\$38,640
Moderate-term On-the-Job Training	49-9042	Maintenance & Repair Workers, General	1,210	1,310	100	8.4	13	10	3	\$14.51	\$30,180	\$17.45	\$36,300
Moderate-term On-the-Job Training	51-2092	Team Assemblers	2,240	2,400	160	7.2	63	16	47	\$13.32	\$27,700	\$15.35	\$31,930
Moderate-term On-the-Job Training	51-4021	Extrude/Drawg Mach Settrs/Oprs/Tndrs, M/P	360	395	35	8.9	13	3	10	\$14.29	\$29,720	\$15.09	\$31,390
Moderate-term On-the-Job Training	51-6011	Laundry and Dry-Cleaning Workers	485	515	30	6.2	14	3	11	\$9.86	\$20,500	\$10.65	\$22,150
Moderate-term On-the-Job Training	53-3022	Bus Drivers, School	590	650	60	9.6	14	6	8	\$13.66	\$28,410	\$15.26	\$31,730
Moderate-term On-the-Job Training	53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,925	2,105	180	9.3	52	18	34	\$16.72	\$34,770	\$19.02	\$39,560