

Employment Forecast & Location Quotients for the East Central Region, 2007-2018

NAICS		2007 Jobs	2010 Jobs	2015 Jobs	2018 Jobs	Change	% Change	2007 State LQ	2007 National LQ
Code	Description								
113	Forestry and logging	475	463	438	424	(51)	(11%)	0.84	1.45
114	Fishing, hunting and trapping	217	251	280	291	74	34%	1.38	0.88
115	Agriculture and forestry support activities	1,281	1,309	1,326	1,331	50	4%	1.34	0.88
11A	Crop and animal production	13,680	13,401	13,246	13,215	(465)	(3%)	1.20	2.10
211	Oil and gas extraction	82	107	128	137	55	67%	0.89	0.10
212	Mining, except oil and gas	882	963	1,029	1,054	172	20%	2.46	1.65
213	Support activities for mining	<10	<10	<10	0	--	--	--	--
221	Utilities	747	715	726	745	(2)	(0%)	0.58	0.58
236	Construction of buildings	6,927	7,208	7,567	7,763	836	12%	1.31	1.19
237	Heavy and civil engineering construction	1,216	1,301	1,396	1,442	226	19%	0.59	0.46
238	Specialty trade contractors	17,913	19,789	21,611	22,438	4,525	25%	1.19	1.03
311	Food manufacturing	8,678	9,126	9,640	9,909	1,231	14%	1.30	2.54
312	Beverage and tobacco product manufacturing	250	238	215	207	(43)	(17%)	0.75	0.53
313	Textile mills	878	740	657	810	(68)	(8%)	4.47	2.11
314	Textile product mills	394	357	342	336	(58)	(15%)	1.63	1.08
315	Apparel manufacturing	307	266	260	270	(37)	(12%)	1.54	0.52
316	Leather and allied product manufacturing	42	39	50	58	16	38%	0.24	0.44
321	Wood product manufacturing	3,264	3,310	3,417	3,485	221	7%	1.06	2.44
322	Paper manufacturing	12,394	11,171	11,129	11,458	(936)	(8%)	3.10	11.83
323	Printing and related support activities	4,870	4,872	4,931	4,984	114	2%	1.28	3.20
324	Petroleum and coal products manufacturing	17	<10	<10	<10	--	--	--	--
325	Chemical manufacturing	603	649	709	740	137	23%	0.35	0.30
326	Plastics and rubber products manufacturing	4,689	5,616	6,605	7,078	2,389	51%	1.28	2.63
327	Nonmetallic mineral product manufacturing	768	815	850	859	91	12%	0.59	0.65
331	Primary metal manufacturing	5,011	5,416	5,854	6,091	1,080	22%	2.21	4.73
332	Fabricated metal product manufacturing	6,038	6,458	6,834	6,993	955	16%	0.71	1.67
333	Machinery manufacturing	11,274	11,274	11,611	11,963	689	6%	1.46	4.13
334	Computer and electronic product manufacturing	2,098	2,173	2,237	2,272	174	8%	0.81	0.71
335	Electrical equipment and appliance mfg.	761	721	721	733	(28)	(4%)	0.27	0.75
336	Transportation equipment manufacturing	6,893	6,844	7,000	7,127	234	3%	1.72	1.75
337	Furniture and related product manufacturing	1,012	958	927	919	(93)	(9%)	0.51	0.78
339	Miscellaneous manufacturing	1,116	1,026	1,026	1,051	(65)	(6%)	0.56	0.68
423	Merchant wholesalers, durable goods	7,789	8,472	9,116	9,397	1,608	21%	0.93	1.02
424	Merchant wholesalers, nondurable goods	5,092	5,582	6,028	6,207	1,115	22%	0.88	1.00
425	Electronic markets and agents and brokers	723	781	835	855	132	18%	0.81	0.38
441	Motor vehicle and parts dealers	4,906	5,088	5,244	5,311	405	8%	1.10	1.03
442	Furniture and home furnishings stores	1,101	1,156	1,171	1,168	67	6%	0.90	0.76
443	Electronics and appliance stores	1,283	1,421	1,557	1,617	334	26%	1.10	0.95
444	Building material and garden supply stores	3,226	3,362	3,489	3,545	319	10%	0.99	1.04
445	Food and beverage stores	5,848	5,703	5,605	5,582	(266)	(5%)	0.88	0.87
446	Health and personal care stores	2,001	2,204	2,397	2,483	482	24%	0.90	0.77
447	Gasoline stations	3,128	3,256	3,318	3,318	190	6%	1.16	1.56
448	Clothing and clothing accessories stores	2,688	2,749	2,855	2,916	228	8%	1.06	0.73

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451	Sporting goods, hobby, book and music stores	1,965	2,038	2,034	2,013	48	2%	0.99	1.08
452	General merchandise stores	7,470	7,961	8,340	8,475	1,005	13%	1.06	1.09
453	Miscellaneous store retailers	3,973	4,271	4,612	4,797	824	21%	1.16	1.16
454	Nonstore retailers	8,336	9,271	10,416	11,007	2,671	32%	1.09	1.91
481	Air transportation	438	507	545	553	115	26%	0.90	0.39
482	Rail transportation	646	609	599	603	(43)	(7%)	1.41	1.07
483	Water transportation	<10	<10	0	0	--	--	--	--
484	Truck transportation	6,849	7,210	7,541	7,678	829	12%	0.97	1.45
485	Transit and ground passenger transportation	1,388	1,510	1,684	1,783	395	28%	0.80	1.00
486	Pipeline transportation	<10	<10	<10	<10	--	--	--	--
487	Scenic and sightseeing transportation	26	27	32	36	10	38%	0.63	0.35
488	Support activities for transportation	518	501	483	476	(42)	(8%)	0.76	0.37
491	Postal service	1,425	1,450	1,434	1,412	(13)	(1%)	0.90	0.84
492	Couriers and messengers	916	954	991	1,009	93	10%	0.64	0.48
493	Warehousing and storage	1,513	1,655	1,771	1,818	305	20%	1.00	0.97
511	Publishing industries, except Internet	2,988	3,082	3,288	3,435	447	15%	1.22	1.27
512	Motion picture and sound recording industries	315	365	398	408	93	30%	0.56	0.31
515	Broadcasting, except Internet	442	464	482	490	48	11%	0.71	0.52
516	Internet publishing and broadcasting	17	21	24	26	9	53%	0.59	0.17
517	Telecommunications	2,338	2,563	2,626	2,604	266	11%	1.35	0.94
518	ISPs, search portals, and data processing	326	355	400	428	102	31%	0.32	0.31
519	Other information services	28	31	35	36	8	29%	0.63	0.18
522	Credit intermediation and related activities	6,068	6,443	6,618	6,624	556	9%	0.94	0.86
523	Securities, commodity contracts, investments	3,510	4,264	4,979	5,292	1,782	51%	1.06	0.74
524	Insurance carriers and related activities	7,803	8,287	8,704	8,874	1,071	14%	0.87	1.20
525	Funds, trusts, and other financial vehicles	421	506	581	612	191	45%	0.94	0.63
531	Real estate	8,877	10,265	11,606	12,197	3,320	37%	0.85	0.59
532	Rental and leasing services	917	922	947	967	50	5%	0.77	0.51
533	Lessors of nonfinancial intangible assets	41	43	47	50	9	22%	0.62	0.58
541	Professional and technical services	14,934	16,310	17,692	18,327	3,393	23%	0.83	0.56
551	Management of companies and enterprises	4,861	5,532	5,969	6,091	1,230	25%	1.00	1.14
561	Administrative and support services	17,433	19,554	21,658	22,609	5,176	30%	0.97	0.75
562	Waste management and remediation services	486	560	624	650	164	34%	0.65	0.56
611	Educational services	5,434	5,659	5,887	5,989	555	10%	0.80	0.64
621	Ambulatory health care services	10,859	12,286	13,819	14,551	3,692	34%	0.83	0.74
622	Hospitals	8,579	8,912	9,408	9,684	1,105	13%	0.74	0.86
623	Nursing and residential care facilities	8,329	9,279	10,438	11,047	2,718	33%	1.06	1.24
624	Social assistance	7,689	8,401	9,214	9,623	1,934	25%	0.82	0.96
711	Performing arts and spectator sports	2,482	2,745	2,984	3,088	606	24%	0.74	0.64
712	Museums, historical sites, zoos, and parks	166	216	240	242	76	46%	0.83	0.56
713	Amusements, gambling, and recreation	3,365	3,468	3,555	3,587	222	7%	0.92	0.88
721	Accommodation	2,786	2,984	3,196	3,297	511	18%	0.70	0.62
722	Food services and drinking places	23,684	25,336	26,908	27,600	3,916	17%	1.03	1.06
811	Repair and maintenance	4,779	5,171	5,595	5,800	1,021	21%	1.00	0.95
812	Personal and laundry services	4,492	4,286	4,242	4,265	(227)	(5%)	0.98	0.93

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813	Membership associations and organizations	8,658	9,245	9,765	9,979	1,321	15%	1.11	1.26
814	Private households	3,184	3,667	4,061	4,209	1,025	32%	1.13	0.88
911	Federal government, civilian, except postal service	363	362	364	366	3	1%	0.22	0.08
912	Federal government, military	1,918	1,844	1,789	1,769	(149)	(8%)	0.98	0.42
920	State government	8,017	8,037	7,930	7,831	(186)	(2%)	0.71	0.69
930	Local government	32,391	34,060	35,659	36,358	3,967	12%	1.03	1.00
TOTAL		397,021	420,850	446,599	459,258	62,238	16%		

Source: Fox Valley Workforce Development Board, EMSI Complete Employment - Spring 2008 Release v. 2

Data Sources and Calculations

Industry Data

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor or with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

State Data Sources

This report uses state data from the following agencies: Wisconsin Department of Workforce Development, Bureau of Workforce Information.