



New River/Mount Rogers Skills Gap Analysis: Jurisdiction Data Profiles

Mt. Rogers Planning District Commission

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Part A: Industry Data

Figure I: Industry Employment Trends (NAICS 2-Digit)ⁱ

LQ: >1= Above National Average Concentration of Employment, Size of Bubble Represents 2012 Employment Estimates

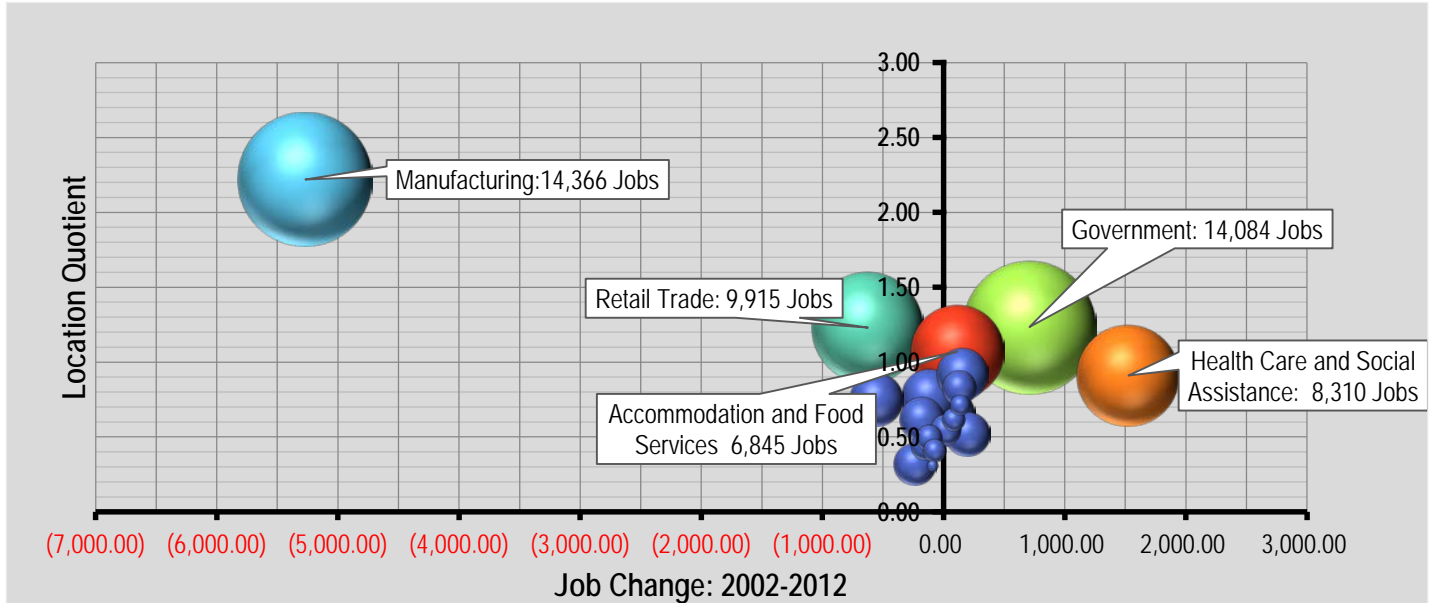


Table I: Top Ten Industries for Employment, by NAICS 2-Digitⁱⁱ

	2002 Jobs	2012 Jobs	Change Jobs (2002-2012)	Regional Location Quotient to National Base (2012 Jobs)	Average Earnings Per Job
Manufacturing	19,636	14,366	(-5,270)	2.22	\$50,752
Government	13,374	14,084	710	1.23	\$46,160
Retail Trade	10,541	9,915	(-626)	1.23	\$24,924
Health Care and Social Assistance	6,784	8,310	1,526	0.91	\$42,975
Accommodation and Food Services	6,731	6,845	114	1.07	\$15,999
Administrative and Support and Waste Management and Remediation Services	2,777	2,794	17	0.64	\$28,299
Wholesale Trade	2,474	2,359	(-115)	0.77	\$47,216
Construction	2,836	2,280	(-556)	0.75	\$43,469
Transportation and Warehousing	1,923	2,076	153	0.92	\$44,348
Finance and Insurance	1,363	1,559	196	0.52	\$50,960
Total for Top 10 Industries	68,439	64,588	(-3,851)	--	--
Total for All Regional Industries	75,945	71,590	(-4,355)	--	\$40,820

Table II: Manufacturing Employment, by Subsector (NAICS 3-Digit): 2002-2012 ⁱⁱⁱ

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earning Per Job (2013)
Transportation Equipment	2,210	2,768	3,327	3,494	3,320	2,981	2,501	2,012	2,228	2,662	2,969	759	\$48,804
Machinery	4,729	4,500	3,664	3,463	2,961	2,722	2,371	2,142	2,123	2,149	1,983	(-2,746)	\$55,511
Plastics/Rubb er Products	1,238	1,386	1,676	1,810	1,933	1,780	1,778	1,459	1,403	1,303	1,339	101	\$56,704
Electrical Equipment, Appliance, and Component	1,108	855	817	842	894	983	1,408	1,332	1,327	1,305	1,302	194	\$67,244
Fabricated Metal Product	1,283	1,213	1,239	1,320	1,371	1,405	1,385	1,183	1,068	1,106	1,083	(-200)	\$53,123
Furniture & Related Product	3,171	2,483	2,255	1,874	1,377	1,374	1,028	908	833	811	839	(-2,332)	\$38,199
Wood Product	1,078	1,132	1,247	1,375	1,339	1,202	1,102	950	865	839	784	(-294)	\$34,117
Beverage &Tobacco Product	69	44	248	239	440	539	617	607	633	729	726	657	\$66,249
Chemical	291	428	406	461	336	361	390	422	567	737	685	394	\$55,815
Textile Mills	722	821	954	812	713	701	666	667	698	661	647	(-75)	\$31,465
Nonmetallic Mineral Product	712	777	750	826	940	745	743	608	534	518	463	(-249)	\$42,192
Apparel	1,327	1,259	1,057	1,056	802	645	612	541	457	446	418	(-909)	\$26,315
Food	597	446	409	230	393	402	371	315	353	347	341	(-256)	\$44,896
Computer & Electronic Product	428	219	249	239	240	245	289	209	189	234	283	(-145)	\$67,722
Primary Metal	241	275	252	214	250	224	285	189	125	80	153	(-88)	\$50,351
Miscellaneous	241	162	131	190	251	281	260	259	238	140	148	(-93)	\$38,967
Printing & Related Support Activities	69	63	76	84	100	102	109	103	120	108	102	33	\$45,562
Petroleum & Coal Products Manufacturing	0	0	0	0	<10	17	14	24	33	37	48	48	\$129,26 6
Paper	<10	<10	<10	12	43	28	44	53	41	33	37	--	\$31,007
Textile Product Mills	118	68	64	72	80	116	113	103	99	87	16	(-102)	\$31,675
Total	19,636	18,900	18,829	18,614	17,789	16,855	16,086	14,085	13,934	14,329	14,366	(-5,270)	\$50,752

Table III: Government Employment, by Subsector (NAICS 3-Digit with 6-Digit Drill-Down): 2002-2012 ^{iv}

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earnings Per Job (2013)
Local Government	8,693	8,933	9,097	9,227	9,306	9,517	9,699	9,746	9,633	9,665	9,707	1,014	\$42,243
<i>Elementary and Secondary Schools (Local Government)</i>	5,009	5,148	5,169	5,314	5,349	5,222	5,294	5,350	5,277	5,333	5,284	275	\$42,844
<i>Local Government (Excluding Education)</i>	3,684	3,785	3,928	3,912	3,957	4,295	4,401	4,393	4,354	4,331	4,413	729	\$41,595
State Government	3,858	3,816	3,790	3,906	3,927	3,876	3,705	3,886	3,811	3,764	3,842	(-16)	\$51,943
<i>State Government (Excluding Education and Hospitals)</i>	2,547	2,485	2,449	2,387	2,323	2,325	2,187	2,358	2,293	2,328	2,413	(134)	\$51,993
<i>Colleges, Universities, and Professional Schools (State Gov.)</i>	864	880	875	1,063	1,207	1,061	1,042	1,003	1,024	956	952	88	\$55,948
<i>Hospitals (State Gov.)</i>	438	443	456	449	392	486	473	520	486	464	466	28	\$42,742
<i>All Other Schools and Educational Support Services (State Government)</i>	<10	<10	<10	<10	<10	<10	<10	<10	<10	16	11	--	--
Federal Government	823	782	744	736	728	724	711	706	757	553	535	(-288)	\$76,475
<i>US Postal Service</i>	532	514	498	494	497	497	490	462	442	319	317	(-215)	\$57,631
<i>Federal Government- Civilian (Excluding Postal Service)</i>	291	268	246	242	231	226	221	244	315	234	218	(-73)	\$104,443
Total	13,374	13,531	13,631	13,868	13,961	14,116	14,115	14,339	14,201	13,982	14,084	710	\$46,160

Table IV: Retail Trade Employment, by Subsector (NAICS 3-Digit): 2002-2012 ^v

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earnings Per Job (2013)
General Merchandise Stores	2,337	2,370	2,336	2,361	2,229	2,379	2,466	2,379	2,394	2,491	2,449	112	\$24,442
Food and Beverage Stores	1,919	1,936	1,984	1,960	1,983	1,883	1,910	1,890	1,784	1,807	1,902	(-17)	\$18,798
Gasoline Stations	1,633	1,641	1,599	1,674	1,669	1,692	1,692	1,589	1,563	1,476	1,491	(-142)	\$20,385
Building Material and Garden Equipment and Supplies Dealers	831	860	835	853	949	943	928	882	1,002	1,013	1,015	184	\$29,068
Motor Vehicle and Parts Dealers	1,344	1,291	1,267	1,147	1,099	1,056	1,023	936	920	922	910	(-434)	\$34,543
Health and Personal Care Stores	618	632	602	655	677	631	621	601	574	567	555	(-63)	\$38,916
Miscellaneous Store Retailers	448	485	495	536	460	460	491	485	492	475	460	12	\$21,924
Clothing and Clothing Accessories Stores	502	496	508	537	508	545	562	483	439	397	383	(-119)	\$20,109
Sporting Goods, Hobby, Book, and Music Stores	257	243	246	254	234	237	288	282	276	292	314	57	\$21,296
Furniture and Home Furnishings Stores	313	311	291	263	258	284	246	205	204	191	200	(-113)	\$31,525
Nonstore Retailers	218	220	217	194	149	152	130	134	112	111	126	(-92)	\$43,937
Electronics and Appliance Stores	122	123	140	164	191	182	281	239	213	191	111	(-11)	\$21,754
Total	10,541	10,608	10,521	10,597	10,407	10,443	10,637	10,106	9,972	9,932	9,915	(-626)	\$24,924

Table V: Health Care and Social Assistance Employment, by Subsector (NAICS 3-Digit): 2002-2012 ^{vi}

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earnings Per Job (2013)
Ambulatory Health Care Services	2,184	2,297	2,271	2,202	2,297	2,334	2,327	2,418	2,502	2,587	2,590	406	\$61,367
Hospitals (Private)	2,157	2,060	2,136	2,103	2,151	2,203	2,311	2,361	2,203	2,143	2,165	8	\$49,473
Nursing and Residential Care Facilities	1,900	2,039	2,017	2,175	2,187	2,246	2,161	2,134	2,063	1,990	1,920	20	\$29,321
Social Assistance	543	613	589	567	545	812	1,114	1,247	1,523	1,660	1,634	1,091	\$20,856
Total	6,784	7,009	7,013	7,046	7,181	7,594	7,913	8,160	8,290	8,381	8,310	1,526	\$42,975

Table VI: Accommodation and Food Services Employment, by Subsector (NAICS 3-Digit with 4-Digit Drill-Down): 2002-2012 ^{vii}

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earnings Per Job (2013)
Food Services and Drinking Places	5,650	5,163	5,225	5,363	5,626	5,773	5,814	5,687	5,608	5,501	5,820	170	\$15,237
<i>Limited-Service Eating Places</i>	2,840	2,783	2,728	2,816	2,878	3,017	3,109	3,095	2,968	2,931	2,990	150	\$14,289
<i>Full-Service Restaurants</i>	2,650	2,271	2,338	2,385	2,569	2,595	2,536	2,433	2,375	2,352	2,605	(-45)	\$16,186
<i>Special Food Services</i>	160	109	159	162	179	162	170	158	261	219	226	66	\$16,837
<i>Drinking Places (Alcoholic Beverages)</i>	0	0	0	0	0	0	0	<10	<10	0	0	0	\$0
Accommodation	1,081	1,080	1,144	1,142	1,218	1,168	1,060	1,000	977	960	1,025	(-56)	\$20,187
<i>Traveler Accommodation</i>	1,030	1,025	1,099	1,097	1,164	1,126	1,030	966	910	920	993	(-37)	\$20,276
<i>RV Parks and Recreational Camps</i>	51	55	45	45	54	42	30	34	66	40	32	(-19)	\$17,370
<i>Rooming and Boarding Houses</i>	0	0	0	0	0	0	0	0	0	<10	<10	--	--
Total	6,731	6,242	6,368	6,505	6,844	6,942	6,874	6,687	6,584	6,462	6,845	114	\$15,999

Table VII: Transportation and Warehousing Employment, by Subsector (NAICS 3-Digit): 2002-2012 ^{viii}

	2002 Jobs	2003 Jobs	2004 Jobs	2005 Jobs	2006 Jobs	2007 Jobs	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2002- 2012	Avg. Earnings Per Job (2013)
Truck Transportation	997	1,155	1,323	1,259	1,214	1,141	1,084	953	898	847	881	(-116)	\$48,141
Warehousing and Storage	781	612	590	690	589	634	677	658	668	697	718	(-63)	\$42,114
Couriers and Messengers	20	73	139	158	260	264	278	298	275	253	233	213	\$47,099
Support Activities for Transportation	38	50	20	55	97	150	102	129	141	190	204	166	\$28,087
Pipeline Transportation	50	196	84	52	72	58	35	39	23	25	27	(-23)	\$94,455
Transit and Ground Passenger Transportation	37	22	29	19	22	20	15	28	15	25	12	(-25)	\$25,760
Rail Transportation	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Air Transportation	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Postal Service (Private Sector)	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Water Transportation	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Scenic and Sightseeing Transportation	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0	--	\$0
Total	1,923	2,110	2,187	2,234	2,255	2,269	2,193	2,106	2,023	2,041	2,076	153	\$44,348

Part B: Occupation Data

Table VIII: Top Ten Occupations (SOC 2-Digit)^{ix}

Occupation		Jobs (2012)	Job Change (2002-2012)	% of All Jobs in the Region	Average Hourly Earnings (Region)	Location Quotient
1.	Office and Administrative Support Occupations	10,830	(-475)	15.1%	\$18.25	0.93
2.	Production Occupations	9,333	(-3,564)	13.0%	\$20.33	1.99
3.	Sales and Related Occupations	8,139	(-231)	11.4%	\$14.62	1.08
4.	Food Preparation and Serving Occupations	6,657	116	9.3%	\$10.43	1.05
5.	Transportation and Material Moving Occupations	5,150	(-461)	7.2%	\$13.07	1.09
6.	Education, Training, and Library Occupations	4,415	263	6.2%	\$32.46	1.02
7.	Healthcare Practitioners and Technical Occupations	3,872	186	5.4%	\$24.72	0.93
8.	Installation, Maintenance, and Repair Occupations	3,539	(-20)	4.9%	\$14.79	1.28
9.	Construction and Extraction Occupations	2,599	(-364)	3.6%	\$16.88	0.96
10.	Management Occupations	2,222	(-419)	3.1%	\$47.56	0.63
Total: Top 10 Regional Occupation Groups		56,756	(-4,969)	79.3%	--	--
Total: All Regional Occupation Groups		71,590	(-4,355)	100.0%	\$18.74	--

Table IX: Industry Staffing Patterns for County's Top Ten Occupations for All Employment (2012)*

Occupation		Jobs (2012)	Top Regional Subsectors for Occupation Employment		
			Sector (NAICS 3-Digit)	% of Occupation Employed in this Industry Subsector	% of Jobs in Industry Sector
1.	Office and Administrative Support Occupations	10,830	Administrative and Support Services	9.6%	37.8%
			Local Government	9.3%	10.2%
			Credit Intermediation and Related Activities	6.0%	68.6%
2.	Production Occupations	9,333	Transportation Equipment Mfg.	18.6%	57.9%
			Machinery Mfg.	11.5%	57.5%
			Plastics and Rubber Products Mfg.	9.2%	62.8%
3.	Sales and Related Occupations	8,139	General Merchandise Stores	18.2%	58.2%
			Gasoline Stations	14.2%	79.3%
			Food and Beverage Stores	10.7%	45.2%
4.	Food Preparation and Serving Related Occupations	6,657	Food Services and Drinking Places	79.6%	91.1%
			Local Government	5.1%	3.4%
			Food and Beverage Stores	3.5%	12.1%
5.	Transportation and Material Moving Occupations	5,150	Local Government	14.1%	7.4%
			Truck Transportation	12.8%	75.4%
			Warehousing and Storage	7.1%	50.4%
6.	Education, Training, and Library Occupations	4,415	Local Government	77.9%	35.6%
			State Government	9.5%	11.3%
			Educational Services (Private)	7.9%	44.0%
7.	Healthcare Practitioners and Technical Occupations	3,872	Hospitals (Private)	30.2%	55.3%
			Ambulatory Health Care Services	27.5%	39.5%
			Nursing and Residential Care Facilities	11.6%	24.1%
8.	Installation, Maintenance, and Repair Occupations	3,539	Repair and Maintenance	11.7%	58.4%
			Local Government	9.7%	3.5%
			Motor Vehicle and Parts Dealers	8.4%	33.7%
9.	Construction and Extraction Occupations	2,599	Specialty Trade Contractors	25.2%	61.6%
			Heavy and Civil Engineering Construction	18.3%	71.1%
			Local Government	15.4%	4.0%
10.	Management Occupations	2,222	Local Government	15.3%	3.5%
			Management of Companies and Enterprises	6.0%	14.1%
			Transportation Equipment Mfg.	5.3%	3.9%

References

- ⁱ Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ⁱⁱ Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ⁱⁱⁱ Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^{iv} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^v Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^{vi} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^{vii} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^{viii} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^{ix} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.
- ^x Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.