



***Logistics  
Labor Market Profile  
for  
Muhlenberg County***

*A Skills Ready Report from*



**Labor Market**

The Muhlenberg County Labor Market consists of Muhlenberg County plus 10 neighboring counties that have a significant number of workers that commute into Muhlenberg County for work via the region’s excellent highway systems. The eleven counties that form the Labor Market are:

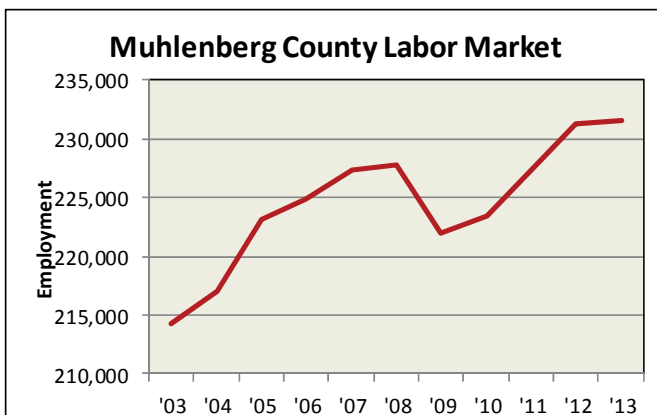
- Butler
- Christian
- Henderson
- Logan
- Muhlenberg
- Todd
- Caldwell
- Daviess
- Hopkins
- McLean
- Ohio

The commutation data used to determine the Labor Market were obtained from the U.S. Census Bureau and the Kentucky Office of Employment and Training.

The majority of the Muhlenberg County Labor Market information for this report was obtained from Economic Modeling Specialists Intl. (EMSI), a leader in economic database development and economic modeling. EMSI’s primary source of quarterly employment and wage data is the U.S. Bureau of Labor Statistics. The data in this report is from EMSI’s 4th quarter 2013 data release. Other sources of data for this report were ACT and Smart Solutions Group.

**Total employment in the Muhlenberg County Labor Market is estimated to be 231,486 workers in the fourth quarter of 2013.** Employment in the Muhlenberg County Labor Market grew by 8.0% from 2003 to 2013 (see Exhibit 1), which is above the employment growth for the State of Kentucky (6.9%) over the same period but below the growth of the U.S. (10.1%).

**Exhibit 1: Employment Growth**



**Industry Sector Employment**

The largest Industry Sector in the Muhlenberg County Labor Market is Government, which employs 28.6% of the Labor Market’s workers. The Federal Government accounts for over half of the employment (34,401 workers) in the Government Sector. Manufacturing is the second largest sector in the Labor Market followed by Retail Trade and Health Care & Social Assistance (see Exhibit 2).

**Exhibit 2: Industry Sector Employment**

Industry Sector	Jobs	%
Government	66,251	28.6%
Manufacturing	25,619	11.1%
Retail Trade	21,086	9.1%
Health Care and Social Assistance	18,972	8.2%
Accommodation and Food Services	13,302	5.7%
Other Services (except Public Administration)	12,402	5.4%
Administrative and Support and Waste Management and Remediation Services	11,182	4.8%
Agriculture, Forestry, Fishing & Hunting	10,070	4.4%
Construction	9,291	4.0%
Finance and Insurance	7,552	3.3%
Transportation and Warehousing	6,858	3.0%
Professional, Scientific, and Technical Services	6,420	2.8%

Median earnings per worker in the Muhlenberg County Labor Market is \$43,701 which is almost equal to the State of Kentucky’s median earnings of \$43,659 per worker. The earnings per workers for the nation is \$51,548, which is over \$7,800 more than in the Muhlenberg County Labor Market..

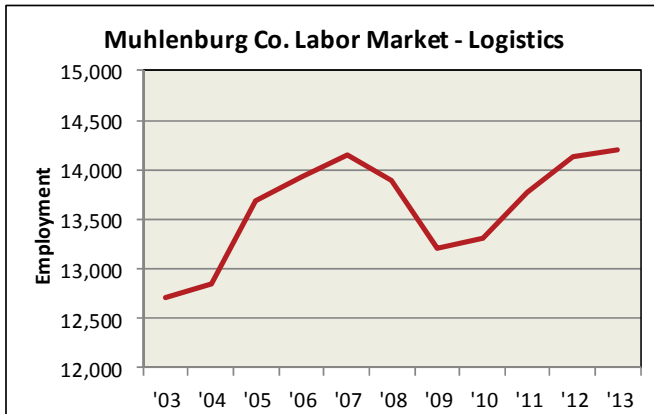
**Logistics - Transportation & Warehousing**

In 2013, Muhlenberg County Labor Market employment in the Logistics Sector was 6,858 workers or 3.0% of total Labor Market employment, which is similar to the percentage for the entire nation (3.2%).

From 2003 to 2013, the growth rate for employment in Logistics in the Muhlenberg County Labor Market was 11.7 % (see Exhibit 3). The Labor Market’s growth rate , which was similar for the State (12.2%) and nation

(11.3%). The Labor Market’s Logistics Sector has shown a strong recovery from the 2008 recession, and employment in the Sector has grown by 11.7% since 2009.

**Exhibit 3: Logistics Growth**



Truck Transportation is the largest industry group in the in the Labor Market’s Logistics sector accounting for nearly 38.5% of Logistics employment. With over 31.4% of the employment in Logistics, Warehousing & Storage is the second largest industry group in Logistics. The employment for each of the largest Logistics industry groups are shown in Exhibit 4.

**Exhibit 4: Logistics Industry Groups**

NAICS Code	Logistics Industry Group	Employment
484	Truck Transportation	2,643
493	Warehousing and Storage	2,152
486	Pipeline Transportation	501
488	Support Activities for Transportation	469
492	Couriers and Messengers	449
482	Rail Transportation	317
485	Transit and Ground Passenger Transportation	277
481	Air Transportation	42

Annual earnings per worker in Logistics for the Labor Market is \$52,638, which is below the State of Kentucky’s earnings of \$55,372 and above the nation’s median earnings of \$51,883.

**Transportation & Materials Moving Occupations**

The U.S. Department of Labor’s Standard Occupational Classification (SOC) system includes 52 Transportation & Materials Moving Occupations that are found in the Logistics sector as well as other sectors such as Manufacturing., Retail Trade, and Wholesale Trade. In 2013 there were 14,206 workers in Transportation & Material Moving Occupations in the Labor Market. The largest logistics occupations in the Muhlenberg County Labor Market can be seen in Exhibit 5.

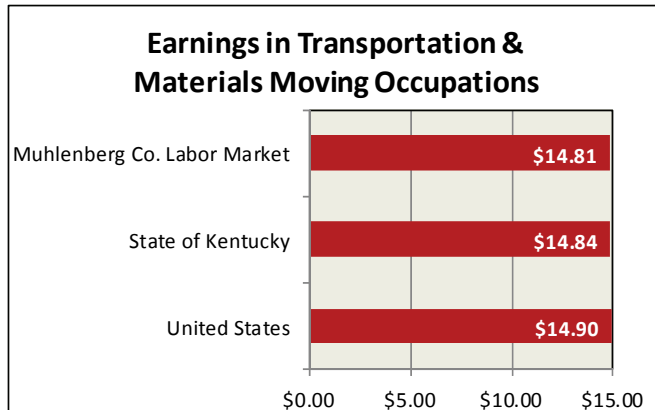
**Exhibit 5: Largest Logistics Occupations**

Logistics Occupation	No. of Jobs	Median Wage
Laborers and Freight, Stock, and Material Movers, Hand	3,146	\$10.44
Heavy and Tractor-Trailer Truck Drivers	3,137	\$16.41
Industrial Truck & Tractor Operators	1,230	\$15.39
Light Truck or Delivery Services Drivers	883	\$12.82
Bus Drivers, School or Special Client	776	\$15.95
Packers and Packagers, Hand	766	\$11.47
Cleaners of Vehicles and Equipment	498	\$9.20
Machine Feeders and Offbearers	473	\$11.45
Driver/Sales Workers	443	\$10.75
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	278	\$23.05
Automotive and Watercraft Service Attendants	276	\$11.33
Wellhead Pumpers	202	\$16.89
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	194	\$18.72
Excavating and Loading Machine and Dragline Operators	190	\$20.28

Employment in Transportation & Material Moving accounts for 6.7% of total employment in the Labor Market., which is above the 6.3% of total national employment.

The median hourly earnings for the Muhlenberg County Labor Market, Kentucky, and the United States are nearly identical. (see Exhibit 6).

**Exhibit 6: Median Earnings in Transportation & Materials Moving Occupations**



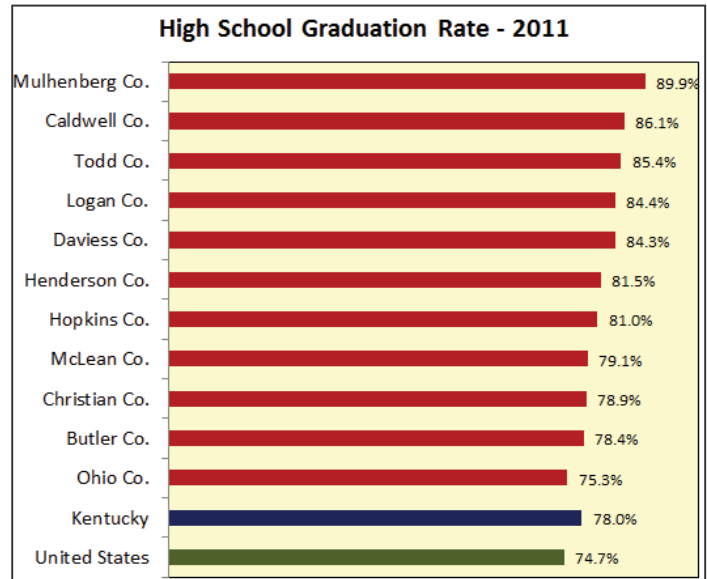
Employment and wage information for each of the 52 occupations in Transportation & Materials Moving in the Muhlenberg County Labor Market can be seen in the Appendix. There is also a comparison of the wages in the Labor Market with the State of Kentucky and the United States. In addition, each occupation contains the number of workers in other Logistics occupations that have the foundational skills that are equal to or greater than the skills required for the occupation. To determine the Logistics occupations with Compatible Skills, the skills identified through ACT’s WorkKeys/National Career Readiness Certificate (NCRC) were used. The number of workers with Compatible Skills provides an indication of the number of workers with experience in Logistics that can be trained for another occupation in in the sector with some specific job training.

**Education and Training**

All eleven counties in the Labor Market had a high school graduation rate greater than the rate for the entire nation (see Exhibit 7). Only one county in the Labor Market had a high school graduate rate below the rate for the entire State of Kentucky. Muhlenberg County had the highest graduation rate - 89.9%.

There are four community colleges located in the Labor Market as well as six four-year college and university campuses.

**Exhibit 7: High School Graduation Rate**



Kentucky’s Bluegrass State Skills Corporation provides a matching grant funds for customized business and industry-specific training programs.

**Summary**

The Muhlenberg County Labor Market offers:

- A high-skilled, affordable Logistics workforce
- Very good educational systems
- Job training programs that can be customized to meet the specific needs of your business

**Contact**

For additional information, contact:



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### Appendix: Transportation & Material Moving Occupations

SOC Code	Occupation	Muhlenberg County Labor Market Jobs	Muhlenberg County Labor Market Logistics Workers with Compatible Skills	Median Hourly Wage - 2013			Muhlenberg County Labor Market Wage - 2013		
				Region Labor Market	State of Kentucky	United States	25th Percentile	50th Percentile	75th Percentile
<b>Supervisors of Transportation and Material Moving Workers</b>									
53-1011	Aircraft Cargo Handling Supervisors	10	63	\$39.07	\$29.21	\$22.72	\$30.62	\$39.07	\$48.92
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	194	11,259	\$18.72	\$20.40	\$21.59	\$13.93	\$18.72	\$23.34
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	278	1,247	\$23.05	\$22.05	\$25.45	\$16.54	\$23.05	\$29.36
<b>Air Transportation Workers</b>									
53-2011	Airline Pilots, Copilots, and Flight Engineers	80	208	\$46.84	\$45.02	\$54.59	\$39.12	\$46.84	\$71.82
53-2012	Commercial Pilots	23	265	\$54.52	\$30.45	\$34.41	\$44.28	\$54.52	\$64.45
53-2021	Air Traffic Controllers	51	73	\$57.39	\$56.10	\$58.91	\$41.88	\$57.39	\$64.57
53-2022	Airfield Operations Specialists	4	284	--	\$24.34	\$23.12	--	--	--
53-2031	Flight Attendants	6	6,230	--	\$24.12	\$17.90	--	--	--
<b>Motor Vehicle Operators</b>									
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	65	5,288	\$18.58	\$9.69	\$11.27	\$16.01	\$18.58	\$21.83
53-3021	Bus Drivers, Transit and Intercity	151	1,096	\$12.89	\$14.80	\$18.17	\$10.34	\$12.89	\$16.84
53-3022	Bus Drivers, School or Special Client	776	10,677	\$15.95	\$14.64	\$13.59	\$13.86	\$15.95	\$18.18
53-3031	Driver/Sales Workers	443	10,557	\$10.75	\$10.03	\$10.88	\$9.10	\$10.75	\$15.42
53-3032	Heavy and Tractor-Trailer Truck Drivers	3,137	2,216	\$16.41	\$16.76	\$17.58	\$13.68	\$16.41	\$19.73
53-3033	Light Truck or Delivery Services Drivers	883	127	\$12.82	\$13.79	\$13.99	\$10.19	\$12.82	\$17.40
53-3041	Taxi Drivers and Chauffeurs	129	5,224	\$16.36	\$9.88	\$9.97	\$14.84	\$16.36	\$18.50
53-3099	Motor Vehicle Operators, All Other	43	11,410	\$29.22	\$20.67	\$13.97	\$22.96	\$29.22	\$34.88
<b>Rail Transportation Workers</b>									
53-4011	Locomotive Engineers	54	234	\$27.69	\$23.87	\$25.13	\$23.92	\$27.69	\$31.34
53-4012	Locomotive Firers	3	285	--	\$19.54	\$21.60	--	--	--
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	6	1,241	--	\$17.53	\$19.82	--	--	--
53-4021	Railroad Brake, Signal, and Switch Operators	33	1,214	\$22.60	\$23.12	\$24.68	\$18.06	\$22.60	\$25.59

**Transportation & Material Moving Occupations - *continued***

SOC Code	Occupation	Muhlenberg County Labor Market Jobs	Muhlenberg County Labor Market Logistics Workers with Compatible Skills	Median Hourly Wage - 2013			Muhlenberg County Labor Market Wages - 2013		
				Region Labor Market	State of Kentucky	United States	25th Percentile	50th Percentile	75th Percentile
<b>Rail Transportation Workers—<i>continued</i></b>									
53-4031	Railroad Conductors and Yardmasters	65	13,398	\$25.56	\$29.41	\$26.30	\$21.46	\$25.56	\$30.95
53-4041	Subway and Streetcar Operators	1	NA	--	\$20.56	\$30.16	--	--	--
53-4099	Rail Transportation Workers, All Other	6	1,241	--	\$30.23	\$26.48	--	--	--
<b>Water Transportation Workers</b>									
53-5011	Sailors and Marine Oilers	27	1,220	\$28.09	\$15.37	\$18.36	\$24.38	\$28.09	\$30.82
53-5021	Captains, Mates, and Pilots of Water Vessels	63	10	\$40.55	\$40.07	\$31.54	\$27.11	\$40.55	\$50.61
53-5022	Motorboat Operators	3	5,350	--	\$28.18	\$17.12	--	--	--
53-5031	Ship Engineers	14	1,233	\$46.69	\$34.23	\$34.08	\$41.95	\$46.69	\$52.58
<b>Other Transportation Workers</b>									
53-6011	Bridge and Lock Tenders	5	1,242	--	\$24.59	\$22.09	--	--	--
53-6021	Parking Lot Attendants	23	11,430	\$14.17	\$8.83	\$9.39	\$13.51	\$14.17	\$15.14
53-6031	Automotive and Watercraft Service	276	971	\$11.33	\$9.69	\$9.81	\$10.20	\$11.33	\$13.08
53-6041	Traffic Technicians	9	73	--	\$29.62	\$18.45	--	--	--
53-6051	Transportation Inspectors	48	1,199	\$29.01	\$38.03	\$30.62	\$17.27	\$29.01	\$35.92
53-6061	Transportation Attendants, Except	28	1,219	\$19.45	\$13.40	\$10.33	\$16.82	\$19.45	\$23.99
53-6099	Transportation Workers, All Other	58	1,189	\$14.30	\$14.20	\$14.84	\$11.45	\$14.30	\$19.83
<b>Material Moving Workers</b>									
53-7011	Conveyor Operators and Tenders	86	13,377	\$19.27	\$19.15	\$14.24	\$16.45	\$19.27	\$20.83
53-7021	Crane and Tower Operators	113	13,350	\$17.27	\$19.64	\$22.73	\$13.23	\$17.27	\$19.92
53-7031	Dredge Operators	2	11,451	--	\$27.28	\$16.56	--	--	--
53-7032	Excavating and Loading Machine and Dragline Operators	190	1,057	\$20.28	\$19.25	\$17.30	\$18.14	\$20.28	\$22.74
53-7033	Loading Machine Operators, Underground Mining	49	11,404	\$17.48	\$21.97	\$22.93	\$15.84	\$17.48	\$19.39
53-7041	Hoist and Winch Operators	3	1,244	--	\$18.32	\$19.21	--	--	--
53-7051	Industrial Truck and Tractor Operators	1,230	12,233	\$15.39	\$14.15	\$14.57	\$12.24	\$15.39	\$19.49
53-7061	Cleaners of Vehicles and Equipment	498	10,955	\$9.20	\$9.49	\$9.94	\$8.27	\$9.20	\$10.81

**Transportation & Material Moving Occupations - *continued***

SOC Code	Occupation	Muhlenberg County Labor Market Jobs	Muhlenberg County Labor Market Logistics Workers with Compatible Skills	Median Hourly Wage - 2013			Muhlenberg County Labor Market Wages - 2013		
				Muhlenberg County Labor Market	State of Kentucky	United States	25th Percentile	50th Percentile	75th Percentile
<b>Material Moving Workers - <i>continued</i></b>									
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,146	8,307	\$10.44	\$10.95	\$11.69	\$8.88	\$10.44	\$13.02
53-7063	Machine Feeders and Offbearers	473	10,980	\$11.45	\$12.83	\$13.04	\$9.46	\$11.45	\$14.92
53-7064	Packers and Packagers, Hand	766	4,587	\$11.47	\$10.32	\$9.77	\$9.62	\$11.47	\$13.41
53-7071	Gas Compressor and Gas Pumping	45	1,202	\$17.39	\$19.27	\$26.07	\$15.46	\$17.39	\$20.11
53-7072	Pump Operators, Except Wellhead	59	13,404	\$16.56	\$17.17	\$22.96	\$15.33	\$16.56	\$17.97
53-7073	Wellhead Pumpers	202	NA	\$16.89	\$17.39	\$22.74	\$16.01	\$16.89	\$18.03
53-7081	Refuse and Recyclable Material Col-	179	13,284	\$11.00	\$12.02	\$15.21	\$8.58	\$11.00	\$13.55
53-7111	Mine Shuttle Car Operators	94	NA	\$21.12	\$22.82	\$25.05	\$19.72	\$21.12	\$22.50
53-7121	Tank Car, Truck, and Ship Loaders	13	5,631	\$14.05	\$12.31	\$21.20	\$10.66	\$14.05	\$18.78
53-7199	Material Moving Workers, All Other	60	1,187	\$10.03	\$20.26	\$17.94	\$8.36	\$10.03	\$12.19