



# Missouri Target Industry Brief

## TRANSPORTATION and LOGISTICS

### Transportation and Logistics

**Transportation and Logistics** are the core of strategic supply chain management. An effective supply chain network is critical to profitability for businesses across all sectors because just-in-time inventory strategies are now commonplace among most national retailers, manufacturers, and service providers.

**Transportation and Logistics** Target Industry employs 212,890 workers across 20,415 establishments in 31 industries. This Group represents 9.2 percent of total private sector employment. Employment concentration is highest in the Group's *Support Services for Rail Transportation* industry with a 1.77 LQ. The Location Quotient (LQ) compares the regional share of an industry to the national share so that an LQ over 1.0 indicates sectors of employment concentration greater than the nation.

#### 2015 Employment and Establishment Data for the Transportation and Logistics Target Industry Group

NAICS	Industry	2015 Establishment	2015 Employment	2015 Average Wage	2015 Employment Location Quotient
	<b>Total Private Sector Industries</b>	<b>182,536</b>	<b>2,300,665</b>	<b>\$46,000</b>	
3219	Other wood product manufacturing	230	4,809	\$35,668	1.17
3261	Plastics product manufacturing	226	12,479	\$47,375	1.18
3324	Boiler, tank, and shipping container mfg.	47	3,108	\$53,730	1.68
4231	Motor vehicle and parts merchant wholesalers	545	8,938	\$46,750	1.41
4233	Lumber and const. supply merchant wholesalers	316	3,942	\$54,807	0.98
4235	Metal and mineral merchant wholesalers	166	2,234	\$64,186	0.91
4236	Electric goods merchant wholesalers	390	5,904	\$61,271	0.95
4237	Hardware and plumbing merchant wholesalers	397	4,906	\$57,776	1.05
4238	Machinery and supply merchant wholesalers	1,109	14,947	\$61,928	1.15
4241	Paper and paper product merchant wholesalers	194	2,992	\$64,198	1.29
4244	Grocery and related product wholesalers	521	10,611	\$51,912	0.74
4245	Farm product raw material merch. whls.	185	2,326	\$47,534	1.63
4246	Chemical merchant wholesalers	237	2,535	\$73,578	1.03
4247	Petroleum merchant wholesalers	297	1,930	\$56,402	1.02
4248	Alcoholic beverage merchant wholesalers	95	3,807	\$51,565	1.05
4249	Misc. nondurable goods merchant wholesalers	715	7,417	\$46,571	1.18
4251	Electronic markets and agents and brokers	7,161	27,574	\$87,544	1.58
4811	Scheduled air transportation	32	4,074	\$54,244	0.51
4812	Nonscheduled air transportation	38	287	\$69,678	0.37
4821	Rail transportation	4	ND	ND	ND
4832	Inland water transportation	16	422	\$95,031	0.79
4841	General freight trucking	1,473	26,927	\$47,337	1.42
4842	Specialized freight trucking	1,543	11,766	\$41,809	1.35
4881	Support activities for air transportation	139	2,332	\$46,581	0.65
4882	Support activities for rail transportation	52	1,148	\$52,671	1.77
4883	Support activities for water transportation	27	623	\$61,381	0.34
4884	Support activities for road transportation	241	1,844	\$35,680	1.00
4885	Freight transportation arrangement	438	4,965	\$55,766	1.26
4921	Couriers and express delivery services	229	8,392	\$42,646	0.80
4931	Warehousing and storage	388	14,350	\$43,605	0.91
5416	Management and technical consulting services	2,964	15,301	\$73,355	0.62
	<b>Total Transportation and Logistics Industries</b>	<b>20,415</b>	<b>212,890</b>	<b>\$56,771</b>	<b>1.05</b>

ND – Not Disclosed

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2015 Annual Data

# Transportation and Logistics Employment Trends

## Employment Trends: 2010 – 2015

Employment in the **Transportation and Logistics** Target Industry Group increased at an annualized two percent per year from 2010 to 2015— adding a total 20,139 jobs. The group's largest industries are *Electronic Markets, Agents, and Brokers* (27,574) and *General Freight Trucking* (26,927).

The 2015 average annual wage in the target industry group is \$56,771— \$10,771 more than the state's average private sector annual wage of \$46,000. Among industries in this group, the average annual wage for the *Inland Water Transportation* industry is \$95,031; for the *Electronic Markets, Agents and Brokers* industry it is \$87,544 followed by *Chemical Merchant Wholesalers* at \$73,578.

Twenty-one out of 31 **Transportation and Logistics industries** posted net employment gains. The largest job gains were in *Management and Technical Consulting Services* with 5,734; *Electronic Markets, Agents, and Brokers* gained 3,910; *General Freight Trucking* added 3,675.

Nine **Transportation and Logistics** industries posted a net loss. The largest employment losses were in *Grocery and Related Product Wholesalers* which lost 1,341 jobs, *Paper and Paper Product Merchant Wholesalers* lost 994 jobs, and *Chemical Merchant Wholesalers* lost 414 jobs.

2010 - 2015 Employment Data Transportation and Logistics Target Industry Group

NAICS	Industry	2010 Employment	2011 Employment	2012 Employment	2013 Employment	2014 Employment	2015 Employment	2010 -2015 Employment Change
3219	Other wood product manufacturing	4,468	4,529	4,697	4,354	4,631	4,809	341
3261	Plastics product manufacturing	11,758	11,391	11,496	11,646	11,762	12,479	721
3324	Boiler, tank, and shipping container mfg.	2,107	2,284	2,436	2,331	3,093	3,108	1,001
4231	Motor vehicle and parts merchant wholesalers	9,021	9,015	8,945	8,775	8,950	8,938	-83
4233	Lumber and const. supply merchant wholesalers	3,933	3,892	4,068	4,109	4,091	3,942	9
4235	Metal and mineral merchant wholesalers	2,274	2,308	2,473	2,347	2,315	2,234	-40
4236	Electric goods merchant wholesalers	5,557	5,296	5,499	5,559	5,761	5,904	347
4237	Hardware and plumbing merchant wholesalers	4,592	4,616	4,594	4,855	4,766	4,906	314
4238	Machinery and supply merchant wholesalers	13,928	13,325	13,657	14,152	14,826	14,947	1,019
4241	Paper and paper product merchant wholesalers	3,986	3,892	3,778	3,588	3,982	2,992	-994
4244	Grocery and related product wholesalers	12,042	11,446	10,569	10,370	10,710	10,611	-1,431
4245	Farm product raw material merch. whls.	2,458	2,400	2,201	2,147	2,245	2,326	-132
4246	Chemical merchant wholesalers	2,949	3,024	3,013	2,790	2,572	2,535	-414
4247	Petroleum merchant wholesalers	1,992	1,906	1,861	1,874	1,923	1,930	-62
4248	Alcoholic beverage merchant wholesalers	3,597	3,573	3,627	3,719	3,821	3,807	210
4249	Misc. nondurable goods merchant wholesalers	7,111	7,324	7,434	7,489	7,302	7,417	306
4251	Electronic markets and agents and brokers	23,664	24,471	25,381	26,336	26,641	27,574	3,910
4811	Scheduled air transportation	4,031	3,631	3,839	3,969	3,804	4,074	43
4812	Nonscheduled air transportation	274	275	257	235	241	287	13
4821	Rail transportation	ND	ND	35	35	30	ND	ND
4832	Inland water transportation	607	411	409	426	419	422	-185
4841	General freight trucking	23,252	24,191	25,473	25,854	26,150	26,927	3,675
4842	Specialized freight trucking	12,106	11,340	11,478	11,482	11,435	11,766	-340
4881	Support activities for air transportation	2,253	2,356	2,419	2,427	2,391	2,332	79
4882	Support activities for rail transportation	973	1,026	1,093	1,022	1,064	1,148	175
4883	Support activities for water transportation	578	597	599	560	597	623	45
4884	Support activities for road transportation	1,676	1,745	1,746	1,624	1,773	1,844	168
4885	Freight transportation arrangement	3,150	3,395	3,490	4,218	4,575	4,965	1,815
4921	Couriers and express delivery services	6,623	6,649	6,785	6,799	7,004	8,392	1,769
4931	Warehousing and storage	12,224	12,164	11,988	12,849	13,373	14,350	2,126
5416	Management and technical consulting services	9,567	10,252	10,760	11,626	12,432	15,301	5,734
	<b>TOTAL</b>	<b>192,751</b>	<b>192,724</b>	<b>196,100</b>	<b>199,567</b>	<b>204,679</b>	<b>212,890</b>	<b>20,139</b>

ND – Not Disclosed

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2015 Annual Data

# Transportation and Logistics Occupations

## Transportation and Logistics Occupations

Occupations in the **Transportation and Logistics** target industry typically require some combination of training (i.e., education, experience, or on-the-job). Top five occupations in this industry group that require long-term training include *General and Operations Managers, Accountants and Auditors, and Sales Managers*. Occupations requiring moderate training include *Wholesale and Manufacturing Sales Representatives* not including those involved in scientific and technical products, *Automotive Service Technicians and Mechanics*, and *Production, Planning and Expediting Clerks*. Leading occupations requiring short-term training include *Stock Clerks and Order Fillers; Shipping, Receiving, and Traffic Clerks*.

The average annual wage for Missouri's **Transportation and Logistics** professions is \$58,679. High wage occupations include *Sales Managers, General and Operations Managers, and Industrial Engineers*.

### 2015 Top Occupations in Transportation and Logistics

Occupation Code	Title	2015 Employment	2015 Average Wage	2015 Occupation Location Quotient
	<b>Total, All Occupations</b>	<b>2,712,240</b>	<b>\$43,640</b>	
	<b>Long Term Training</b>			
11-1021	General and Operations Managers	44,120	\$100,500	1.05
13-2011	Accountants and Auditors	22,680	\$71,480	0.94
11-2022	Sales Managers	5,810	\$126,370	0.81
41-4011	Sales Representatives, Whsl & Mfg, Technical & Scientific Prod.	4,430	\$71,710	0.67
17-2112	Industrial Engineers	4,100	\$85,770	0.84
	<b>Moderate Training</b>			
41-4012	Sales Representatives, Whsl & Mfg, Exc. Technical & Scientific Prod.	25,670	\$62,060	0.93
49-3023	Automotive Service Technicians and Mechanics	16,220	\$38,840	1.29
43-5061	Production, Planning, and Expediting Clerks	5,580	\$49,050	0.92
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	5,380	\$43,060	1.09
49-9041	Industrial Machinery Mechanics	4,530	\$50,920	0.71
	<b>Short Term Training</b>			
53-7062	Laborers and Freight, Stock, and Material Movers, by Hand	43,230	\$28,410	0.88
53-3032	Heavy and Tractor-Trailer Truck Drivers	40,660	\$40,830	1.23
43-5081	Stock Clerks and Order Fillers	33,250	\$25,810	0.87
41-3099	Sales Representatives, Services, All Other	19,280	\$53,370	1.11
43-5071	Shipping, Receiving, and Traffic Clerks	10,690	\$32,010	0.81

Source: Missouri Occupational Employment Survey, 2015

MISSOURI ECONOMIC RESEARCH AND INFORMATION CENTER

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