



Missouri Target Industry Brief

TRANSPORTATION and LOGISTICS

Transportation and Logistic

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, largely because just-in-time inventory strategies are now commonplace among most national retailers, manufacturers, and service providers.

2011 - 2016 Employment Data for the Transportation and Logistics Target Industry Group

NAICS	Industry	2016 Establishments	2016 Employment	2016 Average Annual Wage	2016 Employment Location Quotient
	Total All Private Industry	184,657	2,340,413	\$46,564	
3219	Other Wood Product Manufacturing	228	4,930	\$36,538	1.14
3261	Plastics Product Manufacturing	217	13,047	\$47,535	1.18
3324	Boiler, Tank, and Shipping Container Mfg.	44	2,965	\$54,535	1.68
4231	Motor Vehicle and Parts Merchant Wholesalers	548	9,124	\$47,368	1.41
4233	Lumber and Const. Supply Merchant Wholesalers	324	4,040	\$57,215	0.96
4235	Metal and Mineral Merchant Wholesalers	158	2,176	\$63,488	0.91
4236	Electric Goods Merchant Wholesalers	381	5,878	\$63,530	0.93
4237	Hardware and Plumbing Merchant Wholesalers	404	5,166	\$59,727	1.07
4238	Machinery and Supply Merchant Wholesalers	1,092	14,481	\$63,333	1.13
4241	Paper and Paper Product Merchant Wholesalers	186	2,985	\$65,448	1.27
4244	Grocery and Related Product Wholesalers	523	10,783	\$53,159	0.74
4245	Farm Product Raw Material Merchant Wholesalers	182	2,246	\$48,514	1.58
4246	Chemical Merchant Wholesalers	234	2,591	\$72,899	1.04
4247	Petroleum Merchant Wholesalers	291	1,961	\$56,531	1.06
4248	Alcoholic Beverage Merchant Wholesalers	97	3,902	\$51,978	1.04
4249	Misc. Nondurable Goods Merchant Wholesalers	699	7,198	\$47,641	1.15
4251	Electronic Markets and Agencts and Brokers	7,012	26,694	\$88,822	1.53
4811	Scheduled Air Transportation	32	4,016	\$61,287	0.48
4812	Nonscheduled Air Transportation	39	319	\$73,928	0.39
4821	Rail Transportation	3	ND	ND	ND
4832	Inland Water Transportation	16	366	\$88,805	0.70
4841	General Freight Trucking	1,476	25,851	\$49,095	1.34
4842	Specialized Freight Trucking	1,562	12,483	\$42,998	1.43
4881	Support Activities for Air Transportation	140	2,349	\$45,784	0.62
4882	Support Activities for Rail Transportation	50	1,085	\$53,432	1.70
4883	Support Activities for Water Transportation	27	669	\$77,167	0.38
4884	Support Activities for Road Transportation	243	1,970	\$36,698	1.02
4885	Freight Transportation Arrangement	434	5,351	\$56,071	1.31
4921	Couriers and Express Delivery Services	222	8,976	\$41,804	0.81
4931	Warehousing and Storage	390	14,882	\$42,826	0.83
5416	Management and Technical Consulting Services	3,053	17,066	\$72,886	0.65
	Total	20,307	215,550	\$57,368	1.05

ND – Not Disclosed
 Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2016 Annual Data

Transportation and Logistics Employment Trends

Transportation and Logistics Target Industry employs 215,550 workers across 20,307 establishments in 31 industries. This Group represents 9.2 percent of total private sector employment. Employment concentration is highest in the Group's *Support Activities for Rail Transportation* industry with a 1.70 LQ. The Location Quotient (LQ) compares the regional share of an industry to the national share so that a LQ over 1.0 indicates sectors of employment concentration greater than the nation.

Employment Trends: 2011 – 2016

Employment in the **Transportation and Logistics** Target Industry Group increased at an annualized 2.3 percent per year from 2011 to 2016— adding a total 22,826 jobs. The group's largest industries are *Electronic Markets, Agents, and Brokers* with 26,694 employees across the state and *General Freight Trucking* with 25,851.

The 2016 average annual wage in the target industry group is \$57,368— \$10,804 more than the state's average private sector annual wage of \$46,564. Among industries in this group, the average annual wage for *Electronic Markets, Agents and Brokers* industry it is \$88,822, for *Inland Water Transportation* industry is \$88,805; followed by *Support Activities for Water Transportation* at \$77,167.

Twenty-three out of 31 **Transportation and Logistics industries** posted net employment gains. The largest job gains were in *Management and Technical Consulting Services* with 6,826; *Warehousing and Storage* gained 2,718; *Couriers and Express Delivery Services* added 2,327. Eight **Transportation and Logistics** industries posted a net loss. The largest employment losses were in *Paper Product Merchant Wholesalers* which lost 907 jobs, *Grocery and Related Product Wholesalers* lost 663 jobs, and *Chemical Merchant Wholesalers* lost 433 jobs.

2011 - 2016 Employment Data in the Transportation and Logistics Target Industry Group

NAICS	Industry	2011 Employment	2012 Employment	2013 Employment	2014 Employment	2015 Employment	2016 Employment	2011 -2016 Employment Change
3219	Other Wood Product Manufacturing	4,529	4,697	4,354	4,631	4,809	4,930	401
3261	Plastics Product Manufacturing	11,391	11,496	11,646	11,762	12,479	13,047	1,656
3324	Boiler, Tank, and Shipping Container Mfg.	2,284	2,436	2,331	3,093	3,108	2,965	681
4231	Motor Vehicle and Parts Merchant Wholesalers	9,015	8,945	8,775	8,950	8,938	9,124	109
4233	Lumber and Const. Supply Merchant Wholesalers	3,892	4,068	4,109	4,091	3,943	4,040	148
4235	Metal and Mineral Merchant Wholesalers	2,308	2,473	2,347	2,315	2,234	2,176	-132
4236	Electric Goods Merchant Wholesalers	5,296	5,499	5,559	5,761	5,904	5,878	582
4237	Hardware and Plumbing Merchant Wholesalers	4,616	4,594	4,855	4,766	4,906	5,166	550
4238	Machinery and Supply Merchant Wholesalers	13,325	13,657	14,152	14,826	14,947	14,481	1,156
4241	Paper and Paper Product Merchant Wholesalers	3,892	3,778	3,588	3,982	2,992	2,985	-907
4244	Grocery and Related Product Wholesalers	11,446	10,569	10,370	10,710	10,611	10,783	-663
4245	Farm Product Raw Material Merchant Wholesalers	2,400	2,201	2,147	2,245	2,326	2,246	-154
4246	Chemical Merchant Wholesalers	3,024	3,013	2,790	2,572	2,535	2,591	-433
4247	Petroleum Merchant Wholesalers	1,906	1,861	1,874	1,923	1,930	1,961	55
4248	Alcoholic Beverage Merchant Wholesalers	3,573	3,627	3,719	3,821	3,807	3,902	329
4249	Misc. Nondurable Goods Merchant Wholesalers	7,324	7,434	7,489	7,302	7,418	7,198	-126
4251	Electronic Markets and Agencts and Brokers	24,471	25,381	26,336	26,641	27,574	26,694	2,223
4811	Scheduled Air Transportation	3,631	3,839	3,969	3,804	4,074	4,016	385
4812	Nonscheduled Air Transportation	275	257	235	241	287	319	44
4821	Rail Transportation	ND	35	35	30	ND	ND	ND
4832	Inland Water Transportation	411	409	426	419	422	366	-45
4841	General Freight Trucking	24,191	25,473	25,854	26,150	26,927	25,851	1,660
4842	Specialized Freight Trucking	11,340	11,478	11,482	11,435	11,766	12,483	1,143
4881	Support Activities for Air Transportation	2,356	2,419	2,427	2,391	2,332	2,349	-7
4882	Support Activities for Rail Transportation	1,026	1,093	1,022	1,064	1,148	1,085	59
4883	Support Activities for Water Transportation	597	599	560	597	623	669	72
4884	Support Activities for Road Transportation	1,745	1,746	1,624	1,773	1,844	1,970	225
4885	Freight Transportation Arrangement	3,395	3,490	4,218	4,575	4,965	5,351	1,956
4921	Couriers and Express Delivery Services	6,649	6,785	6,799	7,004	8,392	8,976	2,327
4931	Warehousing and Storage	12,164	11,988	12,849	13,373	14,350	14,882	2,718
5416	Management and Technical Consulting Services	10,252	10,760	11,626	12,432	15,297	17,066	6,814
	Totals	192,724	196,100	199,567	204,679	212,888	215,550	22,826

Source: U. S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2016 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 (Later) training include *General and Operations Managers, Accountants and Auditors, and Market Research Analysts*. Occupations requiring moderate (Next) training include *Heavy and Tractor-Trailer Truck Drivers, Bookkeeping and Accounting, and Bus and Truck Mechanics*. Leading occupations requiring short-term (Now) training include *Stock Clerks and Order Fillers; Sales Representatives, and Delivery Service Drivers*.

The average annual wage for Missouri's **Transportation and Logistics** professions is \$48,443. High wage occupations include *General and Operations Managers, Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products, and Accountants and Auditors*.

2016 Top Occupations for the Transportation and Logistics Target Industry Group

Now Next Later	Occupation Code	Occupation Title	2016 Estimated Employment	2016 Average Wages
	00-0000	Total all occupations	221,880	\$48,443
NOW	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	21,880	\$30,188
NOW	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	14,400	\$64,248
NOW	53-3033	Light Truck or Delivery Services Drivers	7,730	\$41,180
NOW	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7,660	\$31,889
NOW	43-5081	Stock Clerks and Order Fillers	6,070	\$30,685
NEXT	53-3032	Heavy and Tractor-Trailer Truck Drivers	31,850	\$43,109
NEXT	43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,490	\$37,497
NEXT	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,460	\$43,689
NEXT	49-9071	Maintenance and Repair Workers, General	2,190	\$40,971
NEXT	43-1011	First-Line Supervisors of Office and Administrative Support Workers	2,180	\$60,713
LATER	11-1021	General and Operations Managers	6,050	\$110,560
LATER	13-2011	Accountants and Auditors	2,580	\$73,122
LATER	13-1161	Market Research Analysts and Marketing Specialists	2,180	\$65,755
LATER	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,660	\$77,925
LATER	13-1022	Wholesale and Retail Buyers, Except Farm Products	1,550	\$63,985

 = Denotes occupations with top employment for Transportation and Logistics.
Source: Division of Occupational Employment Statistics
U.S. Bureau of Labor Statistics

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October 2017

