



# 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. Just-In-Time inventory strategies are now commonplace among most national retailers, manufacturers, and service providers.

### 2017 Employment Data for the Transportation and Logistics Target Industry Group

NAICS	Industry	2017 Establishments	2017 Employment	2017 Average Annual Wage	2017 Employment Location Quotient
	<b>Total All Private Industry</b>	<b>196,379</b>	<b>2,367,217</b>	<b>\$47,810</b>	
3219	Other Wood Product Manufacturing	234	4,855	\$38,235	1.11
3261	Plastics Product Manufacturing	226	13,406	\$48,638	1.2
3324	Boiler, Tank, and Shipping Container Mfg.	41	3,099	\$52,902	1.8
4231	Motor Vehicle and Parts Merchant Wholesalers	536	9,202	\$49,378	1.42
4233	Lumber and Const. Supply Merchant Wholesalers	350	4,238	\$58,032	0.97
4235	Metal and Mineral Merchant Wholesalers	159	2,110	\$64,637	0.89
4236	Electric Goods Merchant Wholesalers	379	5,662	\$66,681	0.89
4237	Hardware and Plumbing Merchant Wholesalers	427	5,401	\$62,182	1.08
4238	Machinery and Supply Merchant Wholesalers	1,095	14,478	\$65,300	1.13
4241	Paper and Paper Product Merchant Wholesalers	183	3,013	\$67,390	1.28
4244	Grocery and Related Product Wholesalers	548	11,206	\$53,873	0.76
4245	Farm Product Raw Material Merchant Wholesalers	182	2,205	\$48,300	1.58
4246	Chemical Merchant Wholesalers	236	2,626	\$72,993	1.04
4247	Petroleum Merchant Wholesalers	287	1,879	\$53,947	1.01
4248	Alcoholic Beverage Merchant Wholesalers	102	3,931	\$53,313	1.04
4249	Misc. Nondurable Goods Merchant Wholesalers	729	7,311	\$50,139	1.18
4251	Electronic Markets and Agencts and Brokers	7,194	26,362	\$91,921	1.53
4811	Scheduled Air Transportation	33	4,119	\$60,753	0.47
4812	Nonscheduled Air Transportation	39	338	\$80,055	0.4
4821	Rail Transportation	4	ND	ND	ND
4832	Inland Water Transportation	18	344	\$72,736	0.69
4841	General Freight Trucking	1,598	26,830	\$49,749	1.39
4842	Specialized Freight Trucking	1,601	12,353	\$44,533	1.41
4881	Support Activities for Air Transportation	141	2,457	\$45,475	0.6
4882	Support Activities for Rail Transportation	53	1,061	\$54,526	1.67
4883	Support Activities for Water Transportation	27	618	\$61,855	0.35
4884	Support Activities for Road Transportation	250	1,954	\$37,091	1
4885	Freight Transportation Arrangement	444	5,593	\$56,299	1.34
4921	Couriers and Express Delivery Services	224	9,306	\$42,979	0.81
4931	Warehousing and Storage	420	15,309	\$43,625	0.78
5416	Management and Technical Consulting Services	3,442	18,726	\$72,802	0.69
	<b>Total</b>	<b>21,202</b>	<b>219,992</b>	<b>\$57,345</b>	<b>1.05</b>

ND – Not Disclosed

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2017 Annual Data

# Transportation and Logistics Employment Trends

**Transportation and Logistics** Target Industry employs 219,992 workers across 21,202 establishments in 31 industries. This industry group represents 9.3 percent of total private sector employment. Employment concentration is highest in the Group's *Support Activities for Rail Transportation* industry with a 1.67 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: 2012 – 2017

Employment in the **Transportation and Logistics** Target Industry Group grew an average 2.3 percent per year from 2012 to 2017— adding a total 23,927 jobs. The group's largest industries are *General Freight Trucking* with 26,830 and *Electronic Markets, Agents, and Brokers* with 26,362 employees across the state.

The 2017 average annual wage in this target industry group was \$57,345— \$9,535 more than the state's average private sector annual wage of \$47,810. The highest average annual wages within this industry group were in *Electronic Markets, Agents and Brokers* industry was at \$91,921, *Nonscheduled Air Transportation* at \$80,055, followed by *Chemical Merchant Wholesalers* at \$72,993.

Twenty-four out of 31 **Transportation and Logistics industries** posted net employment gains. The largest job gains were in *Management and Technical Consulting Services* with 7,966; *Warehousing and Storage* gained 3,321; *Couriers and Express Delivery Services* added 2,521. Six **Transportation and Logistics** industries posted a net loss. The largest employment losses were in *Paper Product Merchant Wholesalers*, which lost 765 jobs, *Chemical Merchant Wholesalers* lost 387 jobs, and *Metal and Mineral Merchant Wholesalers* lost 363 jobs.

2012 - 2017 Employment Data in the Transportation and Logistics Target Industry Group

NAICS	Industry	2012 Employment	2013 Employment	2014 Employment	2015 Employment	2016 Employment	2017 Employment	2012 -2017 Employment Change
3219	Other Wood Product Manufacturing	4,697	4,354	4,631	4,809	4,930	4,855	158
3261	Plastics Product Manufacturing	11,496	11,646	11,762	12,479	13,047	13,406	1,910
3324	Boiler, Tank, and Shipping Container Mfg.	2,436	2,331	3,093	3,102	2,966	3,099	663
4231	Motor Vehicle and Parts Merchant Wholesalers	8,945	8,775	8,950	8,937	9,122	9,202	257
4233	Lumber and Const. Supply Merchant Wholesalers	4,068	4,109	4,091	3,943	4,039	4,238	170
4235	Metal and Mineral Merchant Wholesalers	2,473	2,347	2,315	2,234	2,176	2,110	-363
4236	Electric Goods Merchant Wholesalers	5,499	5,559	5,761	5,904	5,878	5,662	163
4237	Hardware and Plumbing Merchant Wholesalers	4,594	4,855	4,766	4,906	5,165	5,401	807
4238	Machinery and Supply Merchant Wholesalers	13,657	14,152	14,826	14,947	14,481	14,478	821
4241	Paper and Paper Product Merchant Wholesalers	3,778	3,588	3,982	2,992	2,985	3,013	-765
4244	Grocery and Related Product Wholesalers	10,569	10,370	10,710	10,611	10,783	11,206	637
4245	Farm Product Raw Material Merchant Wholesalers	2,201	2,147	2,245	2,326	2,246	2,205	4
4246	Chemical Merchant Wholesalers	3,013	2,790	2,572	2,535	2,591	2,626	-387
4247	Petroleum Merchant Wholesalers	1,861	1,874	1,923	1,930	1,961	1,879	18
4248	Alcoholic Beverage Merchant Wholesalers	3,627	3,719	3,821	3,807	3,902	3,931	304
4249	Misc. Nondurable Goods Merchant Wholesalers	7,434	7,489	7,302	7,418	7,199	7,311	-123
4251	Electronic Markets and Agents and Brokers	25,381	26,336	26,641	27,559	26,693	26,362	981
4811	Scheduled Air Transportation	3,839	3,969	3,804	4,074	4,016	4,119	280
4812	Nonscheduled Air Transportation	257	235	241	287	319	338	81
4821	Rail Transportation	ND	ND	ND	ND	ND	ND	ND
4832	Inland Water Transportation	409	426	419	422	366	344	-65
4841	General Freight Trucking	25,473	25,854	26,150	26,920	25,850	26,830	1,357
4842	Specialized Freight Trucking	11,478	11,482	11,435	11,788	12,481	12,353	875
4881	Support Activities for Air Transportation	2,419	2,427	2,391	2,332	2,349	2,457	38
4882	Support Activities for Rail Transportation	1,093	1,022	1,064	1,148	1,085	1,061	-32
4883	Support Activities for Water Transportation	599	560	597	623	669	618	19
4884	Support Activities for Road Transportation	1,746	1,624	1,773	1,846	1,969	1,954	208
4885	Freight Transportation Arrangement	3,490	4,218	4,575	4,965	5,351	5,593	2,103
4921	Couriers and Express Delivery Services	6,785	6,799	7,004	8,392	8,976	9,306	2,521
4931	Warehousing and Storage	11,988	12,849	13,373	14,350	14,978	15,309	3,321
5416	Management and Technical Consulting Services	10,760	11,626	12,432	15,297	17,063	18,726	7,966
	<b>Totals</b>	<b>196,065</b>	<b>199,532</b>	<b>204,649</b>	<b>212,883</b>	<b>215,636</b>	<b>219,992</b>	<b>23,927</b>

Source: U. S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2017 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). The top employing 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 *Freight, Stock, and Material Movers, Sales Representatives, and Delivery Service Drivers*.

The average annual wage for Missouri's **Transportation and Logistics** professions is \$49,107. High wage occupations include *Sales Managers* (\$124,345), *General and Operations Managers* (\$112,756), *Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products* (\$87,437), and *Accountants and Auditors* (\$68,833).

2017 Top Occupations for the Transportation and Logistics Target Industry Group

Now Next Later	Occupation Code	Occupation Title	2017 Estimated Employment	2017 Average Wages
NOW	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	21,110	\$31,073
NOW	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	13,900	\$64,584
NOW	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7,640	\$32,926
NOW	53-3033	Light Truck or Delivery Services Drivers	7,370	\$42,297
NOW	41-3099	Sales Representatives, Services, All Other	5,540	\$56,011
NEXT	53-3032	Heavy and Tractor-Trailer Truck Drivers	32,670	\$44,120
NEXT	43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,000	\$38,359
NEXT	53-1048	First-line Supervisors of Transportation and Material Moving Workers, except Aircraft Cargo Handling Supervisors	3,400	\$54,108
NEXT	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,820	\$44,359
NEXT	43-1011	First-Line Supervisors of Office and Administrative Support Workers	1,960	\$62,493
LATER	11-1021	General and Operations Managers	6,020	\$112,756
LATER	13-2011	Accountants and Auditors	2,630	\$68,833
LATER	13-1161	Market Research Analysts and Marketing Specialists	1,930	\$62,678
LATER	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,670	\$87,437
LATER	11-2022	Sales Managers	1,620	\$124,345

Source: Division of Occupational Employment Statistics  
U.S. Bureau of Labor Statistics

### MISSOURI ECONOMIC RESEARCH AND INFORMATION CENTER

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