

Industry Snapshot

Transportation, Distribution Logistics and Warehouse

Emsi Q2 2018 Data Set

April 2018



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Parameters

Industries

57 items selected. See Appendix A for details.

Regions

Code	Description
19100	Dallas-Fort Worth-Arlington, TX

Timeframe

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Datarun

2018.2 - Employees

Transportation, Distribution, Logistics, and Warehousing Industry Sector in Dallas-Fort Worth-Arlington, TX

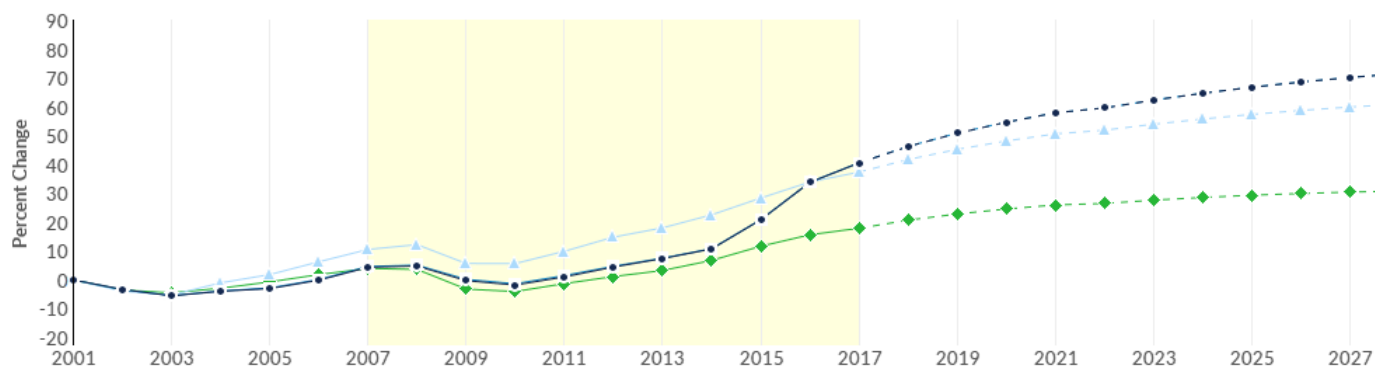
Industry Summary for Transportation, Distribution, Logistics, and Warehousing Industry Sector

186,503 Jobs (2017) 51% above National average	+34.6% % Change (2007-2017) Nation: +13.4%	\$70,264 Avg. Earnings Per Job (2017) Nation: \$65,040
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Industry Detail

Payrolled Business Locations (2017)	4,774
Jobs Multiplier	3
Unemployed	Only Available for 2-Digit

Regional Trends



Region	2007 Jobs	2017 Jobs	Change	% Change
● Region	138,513	186,503	47,990	34.6%
■ WSNCT Dallas and Tarrant	139,706	187,658	47,952	34.3%
▲ State	395,418	491,286	95,868	24.2%
◆ Nation	4,613,661	5,231,464	617,803	13.4%

Occupations Employed by these Industries

Description	Employed in Industry Group (2017)	% of Total Jobs in Industry Group (2017)
Heavy and Tractor-Trailer Truck Drivers	32,167	17.2%
Laborers and Freight, Stock, and Material Movers, Hand	24,338	13.0%
Flight Attendants	9,374	5.0%
Light Truck or Delivery Services Drivers	8,955	4.8%
Industrial Truck and Tractor Operators	8,222	4.4%

Industry Gender Breakdown



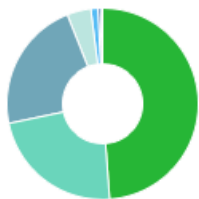
Gender	2017 Jobs	2017 Percent
Males	127,917	68.6%
Females	58,586	31.4%

Industry Age Breakdown



Age	2017 Jobs	2017 Percent
14-18	1,259	0.7%
19-24	17,199	9.2%
25-34	38,770	20.8%
35-44	39,946	21.4%
45-54	48,307	25.9%
55-64	33,262	17.8%
65+	7,760	4.2%

Industry Race/Ethnicity Breakdown



Race/Ethnicity	2017 Jobs	2017 Percent
White	91,069	48.8%
Black or African American	42,664	22.9%
Hispanic or Latino	41,556	22.3%
Asian	7,535	4.0%
Two or More Races	2,189	1.2%
American Indian or Alaska Native	804	0.4%
Native Hawaiian or Other Pacific Islander	688	0.4%

Industry Requirements

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Petroleum Refineries	\$346,248,270	\$2,344,899,420	\$2,691,147,689
Couriers and Express Delivery Services	\$868,306,715	\$178,481,214	\$1,046,787,929
Freight Transportation Arrangement	\$672,522,166	\$206,822,119	\$879,344,285
Other Support Activities for Air Transportation	\$395,343,833	\$676,294	\$396,020,128
General Warehousing and Storage	\$354,272,963	\$12,862,457	\$367,135,420

Top Regional Businesses

Business Name	Industry Name	Business Size
American Airlines Group Inc	Couriers and Express Delivery Services (492110)	9,900
American Eagle Airlines Inc	Other Airport Operations (488119)	9,900
Dallas-fort Worth International Airport	Other Airport Operations (488119)	6,593
Bnsf Railway	Rail transportation (482110)	5,000
Dallas Love Field Airport	Other Airport Operations (488119)	1,467

Business Data by DatabaseUSA.com is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data.

Appendix A - Industries

Code	Description
481111	Scheduled Passenger Air Transportation
481112	Scheduled Freight Air Transportation
481211	Nonscheduled Chartered Passenger Air Transportation
481212	Nonscheduled Chartered Freight Air Transportation
481219	Other Nonscheduled Air Transportation
482110	Rail transportation
483111	Deep Sea Freight Transportation
483112	Deep Sea Passenger Transportation
483113	Coastal and Great Lakes Freight Transportation
483114	Coastal and Great Lakes Passenger Transportation
483211	Inland Water Freight Transportation
483212	Inland Water Passenger Transportation
484110	General Freight Trucking, Local
484121	General Freight Trucking, Long-Distance, Truckload
484122	General Freight Trucking, Long-Distance, Less Than Truckload
484210	Used Household and Office Goods Moving
484220	Specialized Freight (except Used Goods) Trucking, Local
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
485111	Mixed Mode Transit Systems
485112	Commuter Rail Systems
485113	Bus and Other Motor Vehicle Transit Systems
485119	Other Urban Transit Systems
485210	Interurban and Rural Bus Transportation
485310	Taxi Service
485320	Limousine Service
485410	School and Employee Bus Transportation
485510	Charter Bus Industry
485991	Special Needs Transportation
485999	All Other Transit and Ground Passenger Transportation

Code	Description
486110	Pipeline Transportation of Crude Oil
486210	Pipeline Transportation of Natural Gas
486910	Pipeline Transportation of Refined Petroleum Products
486990	All Other Pipeline Transportation
487110	Scenic and Sightseeing Transportation, Land
487210	Scenic and Sightseeing Transportation, Water
487990	Scenic and Sightseeing Transportation, Other
488111	Air Traffic Control
488119	Other Airport Operations
488190	Other Support Activities for Air Transportation
488210	Support Activities for Rail Transportation
488310	Port and Harbor Operations
488320	Marine Cargo Handling
488330	Navigational Services to Shipping
488390	Other Support Activities for Water Transportation
488410	Motor Vehicle Towing
488490	Other Support Activities for Road Transportation
488510	Freight Transportation Arrangement
488991	Packing and Crating
488999	All Other Support Activities for Transportation
491110	Postal Service
492110	Couriers and Express Delivery Services
492210	Local Messengers and Local Delivery
493110	General Warehousing and Storage
493120	Refrigerated Warehousing and Storage
493130	Farm Product Warehousing and Storage
493190	Other Warehousing and Storage
541614	Process, Physical Distribution, and Logistics Consulting Services

Appendix B - Data Sources and Calculations

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

DatabaseUSA.com Business-Level Data

Data for individual businesses is provided by DatabaseUSA.com, which maintains a database of more than 14 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Texas Workforce Commission

Industry Snapshot of Transportation, Distribution, Logistics and Warehousing Industry Sector in Dallas-Fort Worth-Arlington, TX MSA, 2017q2												
NAICS	Industry	Current			5-Year History			10-Year Forecast				
		Empl	Avg Ann Wages	LQ	Total Change	Empl Last 'n' Years	Avg Ann % Chg in Empl	Separations (Approximate)			Growth	
Empl	Avg Ann Wages							LQ	Empl	1 3 5	Region	Total New Demand
481111	Scheduled Passenger Air Transportation	33,653	\$89,150	3.27	2,301		1.4%	40,839	14,514	21,890	4,435	1.2%
481112	Scheduled Freight Air Transportation	345	\$49,843	1.16	130		9.9%	415	148	224	43	1.2%
481211	Nonscheduled Chartered Passenger Air Transportation	1,395	\$86,276	1.85	157		2.4%	1,257	470	807	-20	-0.1%
481212	Nonscheduled Chartered Freight Air Transportation	588	\$66,176	2.78	-36		-1.2%	534	199	342	-7	-0.1%
481219	Other Nonscheduled Air Transportation	133	\$76,154	0.93	42		7.8%	133	46	79	8	0.6%
482110	Rail Transportation (non-covered)	5,970	\$86,060	1.15	326		1.1%	5,987	1,836	3,782	369	0.6%
482111	Line-Haul Railroads	11	\$48,628	0.55	9		39.5%	10	3	7	0	0.4%
482112	Short Line Railroads	0	n/a	0.00	-2		n/a	0	0	0	0	0.4%
483111	Deep Sea Freight Transportation	11	\$83,114	0.04	-7		-9.7%	15	5	8	2	1.4%
483112	Deep Sea Passenger Transportation	3	\$79,105	0.01	-9		-25.3%	3	1	2	0	1.3%
483113	Coastal and Great Lakes Freight Transportation	7	\$67,273	0.02	-17		-22.4%	9	3	5	1	1.5%
483114	Coastal and Great Lakes Passenger Transportation	2	\$60,513	0.01	-16		-38.9%	2	1	1	0	1.7%
483211	Inland Water Freight Transportation	8	\$69,836	0.02	-23		-23.3%	11	3	6	1	1.7%
483212	Inland Water Passenger Transportation	49	\$55,094	0.41	-54		-13.8%	71	21	38	12	2.2%
484110	General Freight Trucking, Local	9,785	\$55,417	1.34	2,599		6.4%	12,098	4,285	6,594	1,219	1.2%
484121	General Freight Trucking, Long-Distance, Truckload	19,080	\$53,510	1.35	3,792		4.5%	23,774	8,383	12,902	2,490	1.2%
484122	General Freight Trucking, Long-Distance, Less Than Truckload	9,652	\$59,998	1.55	1,270		2.9%	11,818	4,217	6,495	1,106	1.1%
484210	Used Household and Office Goods Moving	3,855	\$53,871	1.60	639		3.7%	4,882	1,726	2,659	498	1.2%
484220	Specialized Freight (except Used Goods) Trucking, Local	3,924	\$54,745	0.72	512		2.8%	5,052	1,767	2,724	562	1.3%
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance	5,221	\$59,797	1.58	1,232		5.5%	6,631	2,339	3,605	687	1.2%
485111	Mixed Mode Transit Systems	4,398	\$62,067	1.49	62		0.3%	6,039	3,072	2,267	700	1.5%
485112	Commuter Rail Systems	20	\$65,587	0.11	16		42.2%	28	14	10	3	1.6%
485113	Bus and Other Motor Vehicle Transit Systems	499	\$35,252	0.19	6		0.3%	727	356	264	108	2.0%
485119	Other Urban Transit Systems	1	\$12,370	0.01	0		3.3%	1	1	0	0	1.7%
485210	Interurban and Rural Bus Transportation	663	\$42,641	1.15	50		1.6%	927	464	352	112	1.6%
485310	Taxi Service	852	\$22,103	0.47	169		4.5%	1,258	545	432	281	2.9%
485320	Limousine Service	1,829	\$26,925	0.73	561		7.6%	2,242	1,100	853	290	1.5%
485410	School and Employee Bus Transportation	5,288	\$22,150	0.86	1,424		6.5%	8,287	4,598	2,837	852	1.5%
485510	Charter Bus Industry	397	\$36,006	0.54	-53		-2.5%	531	279	203	48	1.2%
485991	Special Needs Transportation	683	\$25,180	0.35	331		14.2%	1,169	513	383	272	3.4%
485999	All Other Transit and Ground Passenger Transportation	669	\$21,368	0.67	186		6.7%	1,134	501	370	263	3.4%
486110	Pipeline Transportation of Crude Oil	54	\$179,461	0.19	-8		-2.8%	54	16	34	3	0.6%
486210	Pipeline Transportation of Natural Gas	294	\$207,998	0.41	-3		-0.2%	306	94	193	20	0.6%
486910	Pipeline Transportation of Refined Petroleum Products	81	\$112,650	0.42	25		7.7%	88	25	54	10	1.1%
487110	Scenic and Sightseeing Transportation, Land	95	\$30,113	0.26	36		10.1%	180	71	73	36	3.3%
487210	Scenic and Sightseeing Transportation, Water	27	\$27,564	0.07	0		0.3%	43	16	22	5	1.8%
488111	Air Traffic Control	1,004	\$156,426	2.11	39		0.8%	1,374	441	686	247	2.2%
488119	Other Airport Operations	6,249	\$41,394	2.11	1,815		7.1%	8,507	2,739	4,259	1,509	2.2%
488190	Other Support Activities for Air Transportation	7,962	\$78,933	2.96	3,041		10.1%	10,883	3,490	5,426	1,968	2.2%
488210	Support Activities for Rail Transportation	1,201	\$48,840	1.49	145		2.6%	1,579	473	869	237	1.8%
488310	Port and Harbor Operations	8	\$31,377	0.03	1		2.4%	12	4	6	2	1.7%
488320	Marine Cargo Handling	117	\$71,358	0.08	-437		-26.7%	155	52	88	15	1.2%
488330	Navigational Services to Shipping	29	\$31,377	0.07	-11		-6.0%	41	13	22	5	1.7%
488390	Other Support Activities for Water Transportation	26	\$31,377	0.13	3		2.0%	38	12	21	5	1.7%
488410	Motor Vehicle Towing	2,137	\$41,799	1.24	448		4.8%	3,176	1,058	1,541	577	2.4%
488490	Other Support Activities for Road Transportation	1,350	\$44,853	0.95	-962		-10.2%	1,971	663	970	338	2.3%
488510	Freight Transportation Arrangement	6,432	\$60,447	1.15	1,553		5.7%	8,079	2,635	4,256	1,189	1.7%
488991	Packing and Crating	403	\$29,395	0.86	-15		-0.7%	455	197	282	-23	-0.6%
488999	All Other Support Activities for Transportation	973	\$55,861	2.49	-18		-0.4%	1,074	470	673	-69	-0.7%
491110	Postal Service	13,373	\$62,774	0.90	698		1.1%	9,383	5,439	4,374	-430	-0.3%
492110	Couriers and Express Delivery Services	20,841	\$37,543	1.40	5,670		6.6%	28,855	9,840	16,047	2,968	1.3%
492210	Local Messengers and Local Delivery	3,440	\$33,958	1.65	1,776		15.6%	4,701	1,652	2,246	802	2.1%
493110	General Warehousing and Storage	34,747	\$37,916	1.68	18,919		17.0%	58,612	18,191	29,250	11,172	2.8%
493120	Refrigerated Warehousing and Storage	1,152	\$47,773	0.82	276		5.6%	1,898	597	960	341	2.6%
493130	Farm Product Warehousing and Storage	43	\$45,761	0.16	-15		-5.6%	71	22	36	12	2.5%
493190	Other Warehousing and Storage	1,915	\$40,860	1.73	675		9.1%	3,183	997	1,604	583	2.7%
541614	Process, Physical Distribution, and Logistics Consulting Services	4,087	\$65,121	1.33	570		3.0%	5,753	1,569	2,745	1,439	3.1%
	Transportation, Distribution, Logistics and Warehousing Industry Sector	217,032	\$57,104	1.38	49,818		5.4%	n/a	0	0	37,460	1.6%
	Total - All Industries	3,692,626	\$58,656	1.00	492,802		2.9%	5,081,075	1,877,960	2,507,012	696,103	1.7%
Source: JobsEQ® Data as of 2017Q2 Note: Figures may not sum due to rounding.												