



Transportation, Distribution, & Logistics

Highlights at a Glance

- Nationally, the Transportation, Distribution, and Logistics industry provides over 4.2 million payroll jobs. Overall, more than 10 million persons are employed in transportation and transportation-related occupations in the U.S. economy.
- Employment in the industries in the transportation and warehousing sector are strongly influenced by ups and downs in the national economy.
- Thru 2024, the Transportation, Distribution, and Logistics industry will generate about 21,500 new jobs in Illinois. Many additional job openings will arise from the need to replace retiring workers.
- Many jobs in the industry require only a high school education, but a bachelor's degree is becoming increasingly necessary, especially for managerial and technical positions.

As the national and Illinois economies continue to recover and the production of goods increases, demand for transportation services to move goods from producers to consumers will also continue to increase. New jobs are anticipated to open at a consistent rate, but replacement jobs are expected to further multiply job opportunities. With this intensified replacement need and the inherent lengthy periods away from home, many experienced transportation employees leave their position creating over 12,000 replacement jobs per year in Illinois. The warehousing and storage segment of the industry is expected to grow faster than the average for all industries. As more consumers and businesses make purchases over the Internet, the expansion of electronic commerce will continue to increase demand for the distributing, logistical, and value-added services offered by warehousing centers and third-party logistics firms (3PLs). The projected expansion of the truck transportation and warehousing industry should result in a substantial increase in employment in support areas such as office and administration, information technology, maintenance and engineering services. Additional dispatchers, inventory clerks, and shipping, receiving and traffic clerks will be needed to meet the demand for the highly complex transportation and logistical services around Illinois. Environmental issues and soaring fuel costs are creating new positions to plan, design, implement, monitor and control new approaches and equipment for the efficient movement of goods and people.

Nature of the Industry

Transportation, distribution and logistics often play an unnoticed role in our society. Companies in the transportation industry connect manufacturers together with consumers, unite millions of Illinoisans with products, meetings, conventions and family, and make long distances seemingly irrelevant. The transportation industry includes planes, trains, trucks, busses and automobiles delivering passengers and cargo all across the country and internationally. The majority of employment growth in the transportation, distribution and logistics industry will occur in the following segments:

Transportation Operations (NAICS 48) efficiently deliver passengers and cargo from place to place using trucks, airplanes, rail cars, tractor-trailers, vans and busses. This field is often organized based on the type of equipment and distance of travel. *Local transportation* carries goods and people only a short distance often providing services within a single region, state or city. *Long-distance transportation* transports every type of conceivable product around the globe, continent and country.

Logistics Planning and Management Services (NAICS 541614): These companies are responsible for planning to ensure that cargo (supplies and/or finished products) arrives at the correct location, on time, and in the safest, most economical manner.

Warehousing and Distribution Center Operations (NAICS 493) operate facilities, including warehouses, terminals and ports, which securely and accurately hold, track and load inventory to provide on-demand delivery. 3PLs, one of the fastest growing segments of the industry, manage all or parts of a customer's supply chain from movement of raw materials to a production facility through delivery to the final destination.

Facility and Mobile Equipment Maintenance (NAICS 488) firms cost-effectively design and maintain facilities to service, repair and refuel mobile transportation equipment.

| Standard Occupational Classification (SOC) | | Employment | Employment Change | | Average Annual Job Openings | | | 2015 | Training/ Education Level |
|--|--|------------------|-------------------|-------------|-----------------------------|----------------|----------------|--------------------------|-----------------------------------|
| | | | 2014 | 2014-2024 | Percent | Growth | due to | Median Annual Wage | |
| Code | Title | | Number | | | Replcmnts | Total | | |
| 00-0000 | Total, All Occupations | 6,263,919 | 371,593 | 5.93 | 42,732 | 147,453 | 190,185 | \$37,316 | |
| Transportation Operations | | | | | | | | | |
| 533032 | Truck Drivers, Heavy & Tractor Trailer | 71,486 | 6,029 | 8.43 | 603 | 1,216 | 1,819 | \$43,755 | Moderate-term on-the-job training |
| 533033 | Truck Drivers, Light & Delivery Services | 39,941 | 2,971 | 7.44 | 297 | 679 | 976 | \$30,952 | Short-term on-the-job training |
| 533022 | School Bus Drivers | 20,360 | 3,086 | 15.16 | 309 | 268 | 577 | \$29,943 | Short-term on-the-job training |
| 533041 | Taxi Drivers & Chauffeurs | 8,096 | 1,214 | 15.00 | 121 | 153 | 274 | \$23,000 | Short-term on-the-job training |
| 435032 | Dispatchers | 8,316 | 613 | 7.37 | 61 | 208 | 269 | \$40,159 | Moderate-term on-the-job training |
| 532031 | Flight Attendants | 9,755 | 658 | 6.75 | 66 | 179 | 245 | \$42,723 | Long-term on-the-job training |
| 532011 | Airline Pilots, Copilots, Flight Engineers | 6,580 | 413 | 6.28 | 41 | 160 | 201 | \$118,123 | Bachelor's degree |
| 113071 | Transportation, Storage & Distribution Managers | 6,436 | 328 | 5.10 | 33 | 142 | 175 | \$81,317 | Work exp. in a related occupation |
| 534011 | Locomotive Engineers | 3,686 | -165 | -4.48 | 0 | 146 | 146 | \$60,352 | Long-term on-the-job training |
| 533021 | Bus Drivers, Transit & Intercity | 7,400 | 471 | 6.36 | 47 | 97 | 144 | \$44,553 | Moderate-term on-the-job training |
| 534031 | Railroad Conductors & Yardmasters | 3,143 | -135 | -4.30 | 0 | 120 | 120 | \$57,451 | Moderate-term on-the-job training |
| 534021 | Railroad Brake, Signal, & Switch Operators | 1,736 | -76 | -4.38 | 0 | 66 | 66 | \$55,381 | Moderate-term on-the-job training |
| 535021 | Captains, Mates, Pilots of Water Vessels | 968 | 130 | 13.43 | 13 | 38 | 51 | \$71,855 | Work exp. in a related occupation |
| 533099 | Motor Vehicle Operators, All Other | 1,144 | 57 | 4.98 | 6 | 35 | 41 | \$39,658 | Short-term on-the-job training |
| 535011 | Sailors & Marine Oilers | 837 | 117 | 13.98 | 12 | 22 | 34 | \$62,435 | Short-term on-the-job training |
| 532021 | Air Traffic Controllers | * | * | * | * | * | * | \$138,736 | Long-term on-the-job training |
| Logistics Planning and Management Services | | | | | | | | | |
| 431011 | 1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs (Shipping & Receiving Manager, Supply Chain Manager, Import Coordinator) | 48,196 | 3,707 | 7.69 | 371 | 728 | 1,099 | \$52,369 | Work exp. in a related occupation |
| 131081 | Logisticians (Logistics Coordinator, Logistics Planner, Logistics Analyst) | 4,855 | 408 | 8.40 | 41 | 68 | 109 | \$66,599 | Bachelor's degree |
| 113061 | Purchasing Managers (Buyer/Planner, Materials Manager, Procurement Manager, Sourcing Manager) | 4,196 | 53 | 1.26 | 5 | 99 | 104 | \$97,382 | Bachelor's degree plus work exp. |
| Warehousing and Distribution Center Operations | | | | | | | | | |
| 537062 | Laborers & Freight & Stock Movers | 153,776 | 14,411 | 9.37 | 1441 | 4,577 | 6,018 | \$24,310 | Short-term on-the-job training |
| 537051 | Industrial Truck & Tractor Operatrs | 31,174 | 3,033 | 9.73 | 303 | 776 | 1,079 | \$32,779 | Short-term on-the-job training |
| 435071 | Shipping, Receiving, & Traffic Clerks (Shipping & Receiving Manager) | 31,099 | 100 | 0.32 | 10 | 675 | 685 | \$31,550 | Short-term on-the-job training |
| 511011 | 1st-Line Supvrs/Mgrs, Prod/Operating Workers (Production Control Manager, Production Planner, Supply & Operations Manager, Supply & Operations Team Leader) | 27,541 | -42 | -0.15 | 0 | 435 | 435 | \$58,008 | Work exp. in a related occupation |
| 435061 | Production, Planning, & Expediting Clerks (Production Planner, Production Scheduler) | 11,721 | 385 | 3.28 | 38 | 318 | 356 | \$46,200 | Short-term on-the-job training |
| 172112 | Industrial Engineers (Supply Chain Engineer) | 10,109 | 162 | 1.60 | 16 | 296 | 312 | \$78,146 | Bachelor's degree |
| 531021 | 1st-Line Supvrs/Mgrs, Helpers & Laborers | 7,541 | 528 | 7.00 | 53 | 242 | 295 | \$49,632 | Work exp. in a related occupation |
| 531031 | 1st-Line Supvrs/Mgrs, Trans. Machine Operators (warehouse supervisor) | 6,484 | 449 | 6.92 | 45 | 208 | 253 | \$58,244 | Work exp. in a related occupation |
| 113071 | Transportation, Storage & Distribution Managers | 6,436 | 328 | 5.10 | 33 | 142 | 175 | \$81,317 | Work exp. in a related occupation |
| 537011 | Conveyor Operators & Tenders | 1,024 | 48 | 4.69 | 5 | 30 | 35 | \$32,883 | Short-term on-the-job training |
| Facility and Mobile Equipment Maintenance | | | | | | | | | |
| 493023 | Automotive Service Technicians & Mechanics | 28,460 | 1,654 | 5.81 | 165 | 762 | 927 | \$39,201 | Postsecondary vocational award |
| 493031 | Bus & Truck Mechanics & Diesel Eng. Specialists | 9,673 | 1,458 | 15.07 | 146 | 166 | 312 | \$46,120 | Postsecondary vocational award |
| 493021 | Automotive Body & Related Repairers | 6,609 | 624 | 9.44 | 62 | 152 | 214 | \$47,699 | Long-term on-the-job training |
| 493093 | Tire Repairers & Changers | 3,003 | 139 | 4.63 | 14 | 102 | 116 | \$26,011 | Short-term on-the-job training |
| 493011 | Aircraft Mechanics & Service Technicians | 3,186 | 226 | 7.09 | 23 | 76 | 99 | \$59,199 | Postsecondary vocational award |
| 493043 | Rail Car Repairers | 1,872 | 66 | 3.53 | 7 | 44 | 51 | \$64,643 | Long-term on-the-job training |
| 492093 | Electrical & Electronics Installers-Trans.Equip. | 1,410 | 64 | 4.54 | 6 | 24 | 30 | \$56,811 | Long-term on-the-job training |
| 493052 | Motorcycle Mechanics | 696 | 50 | 7.18 | 5 | 14 | 19 | \$34,930 | Long-term on-the-job training |
| 492091 | Avionics Technicians | 313 | 34 | 10.86 | 3 | 5 | 8 | \$53,773 | Postsecondary vocational award |
| 493022 | Automotive Glass Installers & Repairers | * | * | * | * | * | * | \$29,425 | Long-term on-the-job training |
| Transportation Systems/Infrastructure Planning, Mgt. and Regulation | | | | | | | | | |
| 172051 | Civil Engineers | 10,625 | 931 | 8.76 | 93 | 314 | 407 | \$84,434 | Bachelor's degree |
| 131041 | Compliance Officers | 6,302 | 311 | 4.93 | 31 | 89 | 120 | \$72,237 | Long-term on-the-job training |
| 173023 | Electrical & Electronic Engineering Technicians | 3,882 | -87 | -2.24 | 0 | 95 | 95 | \$65,147 | Associate degree |
| 173022 | Civil Engineering Technicians | 2,515 | 88 | 3.50 | 9 | 62 | 71 | \$55,036 | Associate degree |
| 173026 | Industrial Engineering Technicians | 1,569 | -11 | -0.70 | 0 | 38 | 38 | \$52,575 | Associate degree |
| 536051 | Transportation Inspectors | 1,208 | 17 | 1.41 | 2 | 31 | 33 | \$73,278 | Work exp. in a related occupation |
| 173025 | Environmental Engineering Technicians | 657 | 34 | 5.18 | 3 | 16 | 19 | \$40,336 | Associate degree |
| 173031 | Surveying & Mapping Technicians | 1,350 | -109 | -8.07 | 0 | 15 | 15 | \$50,150 | Moderate-term on-the-job training |
| 193051 | Urban & Regional Planners | 692 | 10 | 1.45 | 1 | 13 | 14 | \$81,513 | Master's degree |
| 532021 | Air Traffic Controllers | * | * | * | * | * | * | \$138,736 | Long-term on-the-job training |
| Health, Safety and Environmental Management | | | | | | | | | |
| 131041 | Compliance Officers | 6,302 | 311 | 4.93 | 31 | 89 | 120 | \$72,237 | Long-term on-the-job training |
| 192041 | Environmental Scientists & Specialists | 1,959 | 273 | 13.94 | 27 | 60 | 87 | \$83,719 | Master's degree |
| 172081 | Environmental Engineers | 1,391 | 217 | 15.60 | 22 | 39 | 61 | \$84,606 | Bachelor's degree |
| 172111 | Health & Safety Engineers | 866 | 40 | 4.62 | 4 | 25 | 29 | \$83,610 | Bachelor's degree |
| 173025 | Environmental Engineering Technicians | 657 | 34 | 5.18 | 3 | 16 | 19 | \$40,336 | Associate degree |
| Sales and Service | | | | | | | | | |
| 435011 | Cargo & Freight Agents (Route Planners) | 5,544 | 887 | 16.00 | 89 | 181 | 270 | \$43,200 | Moderate-term on-the-job training |
| 434181 | Reservation/Trans. Ticket Agents & Travel Clerks | 4,396 | 89 | 2.02 | 9 | 55 | 64 | \$40,187 | Short-term on-the-job training |

Source: IL Dept. of Employment Security, Economic Information & Analysis Division