

2004 –2014 Occupational Projections

Occupational Title	Minimum Education Requirements	** Total Annual Demand	1 st Quarter 2006 Average Hourly Wage
Captains, Mates, and Pilots of Water Vessels	Work Exp. in a related occ.	300	\$27.16
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	Work Exp. in a related occ.	280	22.66
First-Line Supervisors/Managers of Production and First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	Work Exp. in a related occ.	220	22.99
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	Work Exp. in a related occ.	110	23.05
Railroad Conductors and Yardmasters	Work Exp. in a related occ.	70	17.36
Transportation, Storage, and Distribution Managers	Work Exp. in a related occ.	40	NA
		40	28.38
Laborers and Freight, Stock, and Material Movers, Hand	Short-term Tng. & Exp.	1,320	\$9.37
Sailors and Marine Oilers	Short-term Tng. & Exp.	310	14.36
Truck Drivers, Light or Delivery Services	Short-term Tng. & Exp.	270	10.87
Bus Drivers, School	Short-term Tng. & Exp.	240	7.05
Cleaners of Vehicles and Equipment	Short-term Tng. & Exp.	190	8.04
Postal Service Mail Carriers	Short-term Tng. & Exp.	140	20.95
Driver/Sales Workers	Short-term Tng. & Exp.	110	11.65
Packers and Packagers, Hand	Short-term Tng. & Exp.	90	7.39
Production, Planning, and Expediting Clerks	Short-term Tng. & Exp.	70	17.69
Riggers	Short-term Tng. & Exp.	60	13.53
Tire Repairers and Changers	Short-term Tng. & Exp.	60	8.42
Postal Service Mail Sorters, Processors, and Processing Machine Operators	Short-term Tng. & Exp.	60	20.13
Service Station Attendants	Short-term Tng. & Exp.	30	7.98
Locomotive Engineers	Short-term Tng. & Exp.	30	NA
Postal Service Clerks	Short-term Tng. & Exp.	30	22.85
Truck Drivers, Heavy and Tractor-Trailer	Mod.-term Tng. & Exp.	550	\$14.31
Bus Drivers, Transit and Intercity	Mod.-term Tng. & Exp.	90	12.41
Dispatchers, Except Police, Fire, and Ambulance	Mod.-term Tng. & Exp.	90	15.90
Tank Car, Truck, and Ship Loaders	Mod.-term Tng. & Exp.	30	12.17
Automotive Body and Related Repairers	Long-term Tng. & Exp.	80	\$16.26
Automotive Service Technicians and Mechanics	Postsecondary voc.	450	\$14.46
Ship Engineers	Postsecondary voc.	150	26.77
Mobile Heavy Equipment Mechanics, Except Engines	Postsecondary voc.	150	17.14
Bus and Truck Mechanics and Diesel Engine Specialists	Postsecondary voc.	120	15.58
Aircraft Mechanics and Service Technicians	Postsecondary voc.	100	21.18

**Total Annual Demand = Demand in the occupation as a function of replacement demand (retirements + turnover) + new growth.

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JULY, 2007

Occupations in the Spotlight

Truck Drivers, Heavy and Tractor-Trailer



Drive truck with capacity of more than three tons to transport materials to specified destinations.

- ◆ Knowledge of principles and methods for moving people or goods by air, rail, sea, or road, including cost and benefits
- ◆ Knowledge of machines and tools including their designs, uses, repair, and maintenance
- ◆ Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations.

Required WorkKeys®

AM LI RI
3 3 3

Automotive Service Technicians and Mechanics



Diagnose, adjust, repair, or overhaul automotive vehicles. Master mechanics repair virtually any part on the vehicle while the technicians repair only one system or component on a vehicle.

- ◆ Certification is available
- ◆ Knowledge of machines and tools, including their designs, uses, repair, and maintenance
- ◆ Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software
- ◆ Knowledge of the practical application of engineering science and technology

Required WorkKeys®

AM LI RI
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AM = Applied Mathematics

LI = Locating Information

RI = Reading for Information

WorkKeys® assessments give students and workers reliable, relevant information about workplace skill levels. Combined with information about skill levels required for jobs, assessments information can help students make better career and educational decisions. Louisiana uses three WorkKeys® assessments as the foundation for awarding career readiness certificates. For more information, contact the Workforce Education and Training Office at the Louisiana Board of Regents (225-342-4253).

LOUISIANA Opportunities in



This diverse Career Cluster prepares learners for careers in planning, managing and providing education and training services, and related learning support services.

FASTEST GROWING JOBS

- 👤 Laborers and Freight, Stock, and Material Movers, Hand
- 👤 Truck Drivers, Heavy and Tractor-Trailer
- 👤 Automotive Service Technicians and Mechanics
- 👤 Sailors and Marine Oilers
- 👤 Captains, Mates, and Pilots of Water Vessels
- 👤 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers

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"This document was produced as a collaborative endeavor between the Louisiana Departments of Labor, Education and the Board of Regents".

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Reference Center:

Louisiana Department of Labor - <http://www.LAWORKS.net>

Occupational Information – go to Career Exploration <https://www.voshost.com/default.asp>

Louisiana Employment Outlook - http://www.laworks.net/LaborMarketInfo/LMI_employmentprojections.asp

Louisiana Technical Colleges - <http://www.ltc.edu/home.asp>

Financial Aid- <http://www.osfa.state.la.us/>

Louisiana Board of Regents- <http://www.regents.state.la.us>

Louisiana Community & Technical College System <http://www.lctcs.net/>

ACT <http://www.act.org>

National Career Clusters <http://www.careerclusters.org>



This brochure is designed to provide assistance to students as they prepare to make decisions about course selection, their career options and future plans.

The Career Options Law (Act 1124) mandates that all high school students have a five-year educational plan and that all high schools offer career majors/areas of concentrations. It is the intent of the law that students have a focus while in school to help make learning more relevant and meaningful.

Students in 6th – 8th grades must complete at least six career awareness activities which help students to develop a five-year educational plan. It also requires school systems to offer areas of concentrations to address students' interests.

The Five-Year Educational Plan Students must complete this plan at the end of their 8th grade year with input from their counselor and/or advisor and family. This plan must be reviewed and revised on an annual basis throughout high school with student, parent and counselor/advisor signatures each year.

Transportation, Distribution, and Logistics Cluster High School Areas of Concentrations (2007 – 2008)

Diploma Endorsements will help provide for students the preparation necessary for college and/or a career. By the same token employers will be getting better prepared workers, and higher education institutions will have students better prepared for success in their post secondary institutions. These endorsements help students to maximize their 11th and 12th grades, encourage more students to take Advanced Placement courses, encourage students to take advantage of career and technical education courses and opportunities, as well as hold high schools accountable for what is taught during the 11th and 12th grades. Students can complete the necessary requirements for two different diploma endorsements:

- Academic Endorsement
 - Career and Technical Endorsement
- Please see your guidance counselor for further details.

The Louisiana WORKReady! Certificate is a portable credential that signifies to an employer that an individual has achieved acceptable levels in the foundation skills necessary for success in the workplace and gives Louisiana citizens a “key to work”. Issued by the Workforce Commission, the Certificate is a tool that helps employers identify qualified candidates to fill the openings they have in their businesses.

People who attain the Certificate, which will display their workplace readiness skill levels, will have an advantage as they pursue their career goals. The Certificate increases the likelihood that business will receive a well-trained, highly skilled worker and that education will prepare students for available jobs. For more information, contact the

Career Cluster

Transportation, Distribution and Logistics

Areas of Concentrations

Auto Body Repair - Collision Repair Tech.
Automotive Technology
Diesel Mechanics
Marine Operations
Power Mechanics
Transportation Operations

Post Secondary Programs

Two-year post secondary education
Apprenticeship
Logistics
Transportation

Training Programs Related

Certification(s):

ASE Certification
ASE Master Certification
Small Engines
ICAR
ASE Certification
Outdoor Power Equipment Technician

For more information on course selection
visit our Web site:

<http://www.doe.state.la.us/lde/ssa/currichome.html>

TOP EMPLOYING INDUSTRIES

Industry

(based on North American

Industry Classification System NAICS)

Industry	Number		Percent Change	
	2004	2014		
			of New Jobs	
Support Activities for Transportation	20,764	22,575	1,811	8.7%
Truck Transportation	18,252	18,540	288	1.6%
Warehousing and Storage	7,224	8,957	1,733	24.0%