

2004 –2014 Projected Occupations in Demand

Occupational Title	Minimum Education Requirements	** Total Annual Demand	1 st Quarter 2006 Average Hourly Wage
Medical and Health Services Managers	Wk Exp.+ Bachelor's or higher	150	\$30.87
Nursing Aides, Orderlies, and Attendants	Short-term Tng. & Exp.	710	\$7.64
Home Health Aides	Short-term Tng. & Exp.	380	7.87
Physical Therapist Aides	Short-term Tng. & Exp.	50	8.71
Veterinary Assistants and Laboratory Animal	Short-term Tng. & Exp.	40	8.19
Psychiatric Aides	Short-term Tng. & Exp.	40	9.42
Medical Assistants	Mod.-term Tng. & Exp.	300	\$10.07
Dental Assistants	Mod.-term Tng. & Exp.	190	11.85
Pharmacy Technicians	Mod.-term Tng. & Exp.	100	11.00
Dental Laboratory Technicians	Long-term Tng. & Exp.	30	\$13.06
Opticians, Dispensing	Long-term Tng. & Exp.	20	12.03
Licensed Practical and Licensed Vocational Nurses	Postsecondary voc.	560	\$14.84
Emergency Medical Technicians and Paramedics	Postsecondary voc.	90	12.04
Medical Secretaries	Postsecondary voc.	70	10.86
Surgical Technologists	Postsecondary voc.	60	15.02
Medical Transcriptionists	Postsecondary voc.	40	12.76
Registered Nurses	Associate degree	1,830	\$24.50
Respiratory Therapists	Associate degree	120	20.16
Radiologic Technologists and Technicians	Associate degree	110	20.34
Medical and Clinical Laboratory Technicians	Associate degree	110	14.01
Medical Records and Health Information Technicians	Associate degree	80	11.22
Dental Hygienists	Associate degree	60	23.88
Diagnostic Medical Sonographers	Associate degree	50	24.59
Physical Therapist Assistants	Associate degree	40	18.81
Cardiovascular Technologists and Technicians	Associate degree	30	15.64
Medical and Clinical Laboratory Technologists	Bachelor's degree	150	\$20.57
Occupational Therapists	Bachelor's degree	50	30.47
Dietitians and Nutritionists	Bachelor's degree	40	18.10
Physical Therapists	Master's degree	80	34.01
Speech-Language Pathologists	Master's degree	30	28.78
Pharmacists	First professional degree	120	\$40.21

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

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Occupations in the Spotlight 

Registered Nurses



Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients.

- ◆ License required
- ◆ Knowledge of the practical application of engineering science and technology
- ◆ Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications

Required WorkKeys® Scores:

AM LI RI
5 4 5

Financial Services Sales Agents Counselors



Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and decrease or prevent deformity of patients suffering from disease or injury.

- ◆ License required
- ◆ Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities

Required WorkKeys® Scores:

AM LI RI
4 5 5

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

- Registered Nurses
- Nursing Aides, Orderlies, and Attendants
- Licensed Practical and Licensed Vocational Nurses
- Home Health Aides
- Medical Assistants

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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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Auxiliary Aids and Services are available upon request to individuals with disabilities*

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.

Health Science 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 Workforce Commission at 225-342-2094 or the Board of Regents at 225-342-4253.

Career Cluster Health Science

Areas of Concentrations

Allied Health
Dental
Nursing
Nutrition and Food
Pharmacy Technician
Sports Medicine
Pre-Medical

Post Secondary Programs

Biology
Pre-Medical
Microbiology
Nursing
Chemistry
Biology
Dental
Pre-Nursing, Nursing
Nutrition and Food
Sports Medicine
Medicine
Pharmacy

Training Programs Related

Certification(s):

CPR – First Aid
First Responder
Emergency Medical Training - Basic
Certified Nursing Assistant
Pharmacy Technician
ServSafe

For more information on course selection
visit our Web site:

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

TOP EMPLOYING INDUSTRIES

Industry

(based on North American

Industry Classification System NAICS)

Industry	Number		Percent Change	
	2004	2014		
			of New Jobs	
Ambulatory Health Care Services	73,219	95,417	22,198	30.3%
Hospitals	106,400	118,712	12,312	11.6%
Nursing and Residential Care Facilities	44,633	48,868	4,235	9.5%