



at Santa Fe Springs & Paramount

HEALTH SCIENCE SECTOR

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SOUTHEAST AREA SOCIAL SERVICES FUNDING AUTHORITY (SASSFA)

HEALTH SCIENCE SECTOR OCCUPATION SUMMARY

EDD EMPLOYMENT PROJECTIONS 2012-2022

Los Angeles County

7/15/2015

Item #	SOC CODE #	Occupational Title	Occupation Search Key Word	Median Hourly	Jobs Estimated 2012	Jobs Projected 2022	Number	Job Change %	Annual Average Openings
1	39-9021	Personal Care Aides	Aides	\$10.11	150,910	243,710	92,800	61.5%	10,360
2	29-1141	Registered Nurses	Nurses	\$44.86	70,160	79,890	9,730	13.9%	2,333
3	43-1011	Office & Administrative Support Supervisors	Supervisor	\$26.96	47,810	53,560	5,750	12.0%	1,709
4	31-1014	Nursing Assistants	Assistants	\$13.24	31,050	36,980	5,930	19.1%	1,183
5	29-2061	Licensed Vocational Nurse	Nurses	\$24.97	19,720	25,140	5,420	27.5%	1,023
6	31-9092	Medical Assistants	Assistants	\$15.08	23,410	27,950	4,540	19.4%	901
7	43-4171	Receptionist & Information Clerks	Medical	\$13.75	25,360	27,480	2,120	8.4%	894
8	43-6013	Medical Secretaries	Medical	\$17.70	18,440	23,290	4,850	26.3%	707
9	31-1011	Home Health Aides	Aides	\$11.91	10,130	14,350	4,220	41.7%	615
10	31-9091	Dental Assistants	Assistants	\$17.44	10,420	11,890	1,470	14.1%	363
11	29-2012	Medical and Clinical Laboratory Technicians	Technicians	\$18.90	5,180	6,750	1,570	30.3%	293
12	29-1123	Physical Therapists	Therapists	\$42.59	4,300	5,560	1,260	29.3%	232
13	29-2052	Pharmacy Technicians	Technicians	\$17.48	7,820	9,210	1,390	17.8%	215
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SOUTHEAST AREA SOCIAL SERVICES FUNDING AUTHORITY (SASSFA)
CAREERS IN THE HEALTH SCIENCE SECTOR

Definition: Health Science involves planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. Health Science workers promote health and wellness. Below is a summary of sample occupations involved in the Health Science Sector, organized by several career pathways¹. The information is provided as an overview to careers/jobs in the Health Science Sector.

Sample of Career Specialties / Occupations	<p>Acupuncturist * Anesthesiologist/Assistant * Anesthesia Technologist/Technician * Art/Music/Dance Therapist(s) * Athletic Trainer * Audiologist * Certified Nursing Assistant * Chiropractor * Chiropractic Assistant * Dental Assistant/Hygienist * Dental Lab Technician * Dietitian * Nutritionist * Dosimetrist * EMT/Paramedic * Endodontist * Exercise Physiologist * Home Health Aide * Kinesiotherapist * Licensed Practical Nurse * Massage Therapist * Medical Assistant * Mental Health Counselor * Naturopathic Doctor * Nurse Anesthetist * Nurse Midwife * Nurse Practitioner * Occupational Therapist/Assistant * Oral Surgeon * Orientation/Mobility Specialist * Orthodontist * Orthoptist * Orthotist/Prosthetist/Technician * Pedorthist *Perfusionist * Personal Care Aides * Pharmacist * Pharmacy Technician * Physical Therapist/Assistant * Physician (MD/DO) * Physician Assistant * Podiatrist * Psychologist * Psychiatrist * Radiation Therapist *Recreation Therapist * Registered Nurse *Rehabilitation Counselor * Respiratory Therapist * Speech-Language Therapist * Surgical Technician * Veterinarian * Veterinarian Assistant/Technician * Vision Rehabilitation Therapist * Wellness Coach</p>	<p>Audiologist * Blood Bank Technology Specialist * Cardiovascular Technologist * Clinical Lab Technician * Clinical Laboratory/Technologist * Computer Tomography (CT) Technologist * Cytogenetic Technologist * Cytotechnologist * Dentist *Diagnostic Medical Sonographer * Electrocardiographic (ECG) Technician * Electroneurodiagnostic Technologist * Electronic Diagnostic (EEG) Technologist * Exercise Physiologist * Geneticist * Geriatrician * Histotechnician * Histotechnologist * Magnetic Resonance Technologist * Mammographer * Medical Technologist/ Clinical Laboratory Scientist * Nuclear Medicine Technologist * Optician * Ophthalmologist * Ophthalmic Assistant/Technologist * Optometrist * Pathologist * Pathologists' Assistant * Phlebotomist * Polysomnographic Technologist * Positron Emission Tomography (PET) Technologist * Radiologic Technologist * Radiologist * Speech-Language Pathologist</p>	<p>Admitting Clerk *Applied Researcher Compliance Technician * Clinical Account Manager * Clinical Account Technician * Clinical Data Specialist * Community Services Specialists *Data Quality Manager * Epidemiologist * Ethicist * Health Educator * Health Information Mgmt. Administrator * Health Information Mgmt. Technician * Healthcare Access Manager * Healthcare Administrator * Healthcare Finance Informatician * Information Privacy Officer * Managed Care Contract Analyst * Medical Coder * Medical Historian * Medical Illustrator * Medical Information Technologist * Medical Librarian * Medical Secretary * Medical Transcriptionist * Office & Administrative Support Supervisor * Patient Account Manager * Patient Account Technician * Patient Advocate * Patient Information Coordinator * Project Manager * Public Health Educator * Quality Management Specialist * Quality Data Analyst * Receptionist & Information Clerk * Research and Decision Support Specialist * Reimbursement Specialist * Risk Manager * Unit Coordinator * Utilization Manager * Utilization Review Manager</p>	<p>Animal Behavioralist * Biomedical/Clinical Engineer * Biomedical/Clinical Technician * Clinical Simulator Technician * Central Service Manager * Central Service Technician * Community Health Worker * Dietary Manager * Dietetic Technician * Environmental Health Advocate * Environmental Health Practitioner * Environmental Services/ Specialist * Facilities Manager * Food Safety Specialist * Health Advocate *Hospital Maintenance Engineer * Industrial Hygienist * Interpreter *Martial, Couple, Family Counselor/Therapist * Materials Manager *Medical Health Counselor * Mortician/ Funeral Director * Nurse Educator * Occupational Health Nurse * Occupational Health & Safety Expert * Social Worker *Transport Technician</p>	<p>Biochemist * Bioinformatics Scientist *Biomedical Chemist * Biomedical Manufacturing Technician * Biostatistician * Cancer Registrar * Cell Biologist * Clinical Data Management Specialist * Clinical Pharmacologist * Clinical Trials Monitor * Clinical Trials Research Coordinator * Crime Scene Investigator * Diagnostic Molecular Scientist * Forensic Biologist *Forensic Chemist * Forensic Odontologist * Forensic Pathologist * Genetic Counselor * Geneticist-Lab Assistant * Lab Technician * Medical Editor/Writer * Microbiologist * Molecular Biologist * Nurse Researcher * Packaging Technician *Patent Lawyer * Pharmaceutical/Clinical Project Manager *Pharmaceutical Sales Representative * Pharmaceutical Scientist * Pharmacokineticist * Pharmacologist * Product Safety Scientist * Process Development Scientist * Processing Technician * Quality Assurance Technician * Quality Control Technician * Regulatory Affairs Specialist * Research Assistant * Research Scientist * Toxicologist</p>
Pathways	Therapeutic Services	Diagnostic Services	Health Informatics	Support Services	Biotechnology Research and Development

Notes: 1. Information based on the Career Cluster Framework for Health Science developed by the National Career Technical Education Foundation (NCTEF) managed by the National Association of State Directors of Career Technical Education Consortium (NASDCTEc) at <http://www.careertech.org/career-clusters>.

SOUTHEAST AREA SOCIAL SERVICES FUNDING AUTHORITY (SASSFA)
CAREERS IN THE HEALTH SCIENCE SECTOR

WHICH CAREER IS RIGHT FOR YOU?	CAREER PATHWAYS ²
<p>The health science sector is one of the fastest-growing career sectors and is number three (3) in the list of the top ten (10) sectors with the largest projected total job openings for 2012-2022 in Los Angeles County¹.</p> <p>Careers in the health science sector require academic and technical skills, as well as the related knowledge necessary for the field. These careers range from entry level to management, including technical and professional specialties. Workers in this sector need the knowledge and ability to contribute to the delivery of safe and effective health care. Nearly half of the careers in this sector require professional level preparation. Specific skill sets needed usually include chemistry, physics, math, biology plus communication, problem solving and critical thinking skills. Many careers require state certification or credentials.</p> <p>Careers in the health science sector include working at acute care and outpatient hospitals, nursing homes and rehabilitation centers, adult day care centers, and community service agencies for the elderly. The health science sector employed more than 413,000 people during 2013-2014, accounting for 10.8 percent of the workforce¹.</p> <p>Top industries within the health science sector include: General Medical and Surgical Hospitals; Offices of Physicians; Nursing Care Facilities (Skilled Nursing Facilities); Home Health Care Services; and Outpatient Care Centers¹.</p> <p>The health science sector has five (5) career pathway options. A brief description is provided for each career pathway in the next section of this write up.</p>	<p>Therapeutic Services – This pathway involves careers that are primarily focused on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education.</p> <p>Diagnostics Services – This pathway includes careers that use tests and evaluations that aid in the detection, diagnosis and treatment of diseases, injuries or other physical conditions.</p> <p>Health Informatics – This pathway involves many different levels of health care related employment. This may include health care administrators who manage health care agencies as well as those individuals who are responsible for managing all of the patient data and information, financial information, and computer applications related to health care processes and procedures.</p>

Support Services – This pathway includes careers that provide a therapeutic environment for the delivery of health care. The people in this pathway maintain the health care setting in a way that ensures the safe and efficient delivery of care. Support Services offers a full range of career opportunities from entry level to management, including technical and professional careers.

Biotechnology Research and Development – This pathway deals with bioscience research and development as it applies to human health. People in this pathway pursue advances in science and technology to support and improve the diagnosis and treatment of disease.

L.A. County Logistics Sector Sample Occupations with the Most Openings³

-Personal Care Aides	Med. Wage \$ 10.11/hr.	-Registered Nurses	Med. Wage \$44.86/hr.	-Office & Admin. Support Sup.	Med. Wage \$26.96/hr.
-Nursing Assistants	Med. Wage \$ 13.24/hr.	-Licensed Vocational Nurses	Med. Wage \$24.97/hr.	-Medical Assistants	Med. Wage \$15.08/hr.
-Receptionist/Info. Clerk	Med. Wage \$ 13.75/hr.	-Medical Secretaries	Med. Wage \$17.70/hr.	-Home Health Aides	Med. Wage \$11.91/hr.

Notes: 1. L.A. County Information from the Employment Development Department (EDD) at <http://www.labormarketinfo.edd.ca.gov/data/employment-projections.html>
Regional Economic Analysis Profile publication, April 2015. 2. See reference note 1 on page one.

07/15/15