



Health Sciences

Highlights at a Glance

- As one of the largest industry sectors in Illinois in 2014, healthcare provided over 764,000 jobs.
- Healthcare will generate over 94,000 new jobs between 2014 and 2024, over double the state average.
- Eight of the 20 fastest growing occupations in Illinois are healthcare related.
- Employment in this field is expected to grow much faster than the average through 2024.
- Employment in **hospitals** is expected to grow more slowly than in other health-care industries. An increasing proportion of sophisticated procedures, which once were performed only in hospitals, are being performed in **physicians' offices and clinics** as less expensive outpatient care. Job opportunities, however, will remain plentiful because hospitals employ a large number of people.
- **Home health care** will also benefit from efforts to reduce healthcare costs by moving patients out of hospitals and nursing facilities as quickly as possible.
- The demand for dental care, vision care, chiropractic services, emergency medical services, psychiatric care, and treatment for drug and alcohol abuse should all continue to expand in Illinois.
- Most workers have jobs that require 4 years of college education or less, but health diagnosing and treating practitioners are highly educated.

Nature of the Industry

Merging medical technology and human compassion, the healthcare industry diagnoses, treats, and administers care for the sick. The healthcare industry includes establishments ranging from small-town doctor's offices which employ only one staff person to busy metro area hospitals that provide thousands of diverse jobs. The healthcare industry consists of the following segments:

Hospitals (NAICS 622) provide complete medical care, ranging from diagnostic services, to surgery, to continuous nursing care. Hospital-based care may be on an inpatient (overnight) or outpatient basis. The mix of workers needed varies, depending on the size and geographic location of the institution. As hospitals work to improve efficiency, care continues to shift from an inpatient to outpatient basis.

Nursing and Residential Care Facilities (NAICS 623) provide inpatient nursing, rehabilitation, and personal care to those who need continuous nursing care, but do not require hospital services.

Physicians Offices (NAICS 6211) may be a solo private practice or a group of practitioners. Many physicians and surgeons prefer to join group practices because they afford backup coverage, reduce overhead expenses, and facilitate consultation with peers.

Dentists Offices (NAICS 6212) most often employ only a few workers, who provide preventative, cosmetic, or emergency care. Some offices specialize in a single field of dentistry such as orthodontics.

Home Health Care Services (NAICS 6216) is one of the fastest growing healthcare services. Nursing and medical care provided in the home, mainly to the disabled or elderly, delivers substantial cost savings and addresses patients' preference for personalized care in the home.

Offices of Other Health Practitioners (NAICS 6213) includes the offices of chiropractors, optometrists, podiatrists, occupational and physical therapists, psychologists, audiologists, speech-language pathologists, dietitians, and other health practitioners, such as acupuncturists, homeopaths, hypnotherapists, and naturopaths.

State of Illinois
High-Demand Health Care Occupations

Standard Occupational Classification (SOC) Code	Title	Emp. 2014	Employment Change 2014-2024		Average Annual Job Openings due to			2015 Median Annual Wage	Training/ Education Level
			Number	Percent	Growth	Replcmnts	Total		
00-0000 Total, All Occupations		6,263,919	371,593	5.93	42,732	147,453	190,185	\$37,316	
<u>Therapeutic Services</u>									
29-1141	Registered Nurses	116,375	12,211	10.49	1,221	2,746	3,967	\$67,135	Associate or Bachelor's degree
31-1014	Nursing Assistants	63,219	7,870	12.45	787	1,428	2,215	\$24,450	Postsecondary vocational award
31-1011	Home Health Aides	32,511	8,329	25.62	833	734	1,567	\$22,273	Short-term on-the-job training
29-2061	Licensed Practical Nurses	20,902	1,599	7.65	160	595	755	\$45,869	Postsecondary vocational award
29-1123	Physical Therapists	10,978	2,221	20.23	222	294	516	\$86,000	Master's degree
31-9091	Dental Assistants	13,106	1,415	10.80	142	324	466	\$36,623	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	17,993	1,715	9.53	172	178	350	\$28,809	Postsecondary vocational award
29-1171	Nurse Practitioners	6,360	1,561	24.54	156	150	306	\$93,273	Master's degree
29-1051	Pharmacists	11,286	218	1.93	22	263	285	\$121,358	First professional degree
29-2021	Dental Hygienists	7,635	849	11.12	85	125	210	\$70,955	Associate degree
31-2021	Physical Therapist Assistants	3,755	837	22.29	84	109	193	\$54,179	Associate degree
31-2022	Physical Therapist Aides	3,405	719	21.12	72	98	170	\$35,328	Short-term on-the-job training
29-1122	Occupational Therapists	4,488	659	14.68	66	87	153	\$79,070	Master's degree
29-1071	Physician Assistants	2,831	609	21.51	61	64	125	\$90,641	Bachelor's degree
31-2011	Occupational Therapist Assistants	1,435	350	24.39	35	42	77	\$59,172	Associate degree
29-1151	Nurse Anesthetists	1,857	319	17.18	32	44	76	\$135,979	Master's degree
31-1015	Orderlies	2,438	99	4.06	10	55	65	\$27,447	Postsecondary vocational award
31-2012	Occupational Therapist Aides	1,083	270	24.93	27	31	58	\$24,306	Short-term on-the-job training
31-9095	Pharmacy Aides	1,188	64	5.39	6	25	31	\$24,142	Short-term on-the-job training
29-1161	Nurse Midwives	442	76	17.19	8	10	18	\$84,837	Master's degree
29-1020	Dentists & Dental Specialists	*	*	*	*	*	*	N/A	First professional degree
29-1060	Physicians & Surgeons	*	*	*	*	*	*	N/A	First professional degree
<u>Diagnostic Services</u>									
29-2012	Medical & Clinical Lab Technicians	6,769	556	8.21	56	162	218	\$44,269	Associate degree
29-2011	Med & Clinical Lab Technologists	5,749	306	5.32	31	137	168	\$60,074	Bachelor's degree
29-2032	Diagnostic Medical Sonographers	2,311	382	16.53	38	44	82	\$75,487	Associate degree
29-2031	Cardiovascular Technolgsts/Techncns	1,965	318	16.18	32	37	69	\$54,663	Associate degree
29-1199	Health Diag/Treat Practitioners, AO (including: Cytotechnologists)	1,506	153	10.16	15	35	50	\$62,956	Associate degree
29-2033	Nuclear Medicine Technologists	717	8	1.12	1	14	15	\$73,046	Associate degree
29-2037	Radiologic Technologists/Technicians	*	*	*	*	*	*	N/A	Associate degree
<u>Health Informatics</u>									
43-4171	Receptionists & Information Clerks	38,955	1,832	4.70	183	1,050	1,233	\$27,541	Short-term on-the-job training
31-9092	Medical Assistants	19,099	2,292	12.00	229	398	627	\$30,804	Postsecondary vocational award
11-9111	Medical & Health Services Managers (including: Clinical Account Managers; Health Information Mgmt. Administrators; and Utilization Managers)	14,319	956	6.68	96	362	458	\$94,817	Bachelor's degree plus experience
11-3011	Administrative Services Managers	16,186	1,435	8.87	144	303	447	\$68,616	Bachelor's degree plus work exp.
43-3011	Bill and Account Collectors (including: Patient Account Technicians)	14,860	-956	-6.43	0	363	363	\$38,208	Postsecondary vocational award or Long-term on-the-job training
31-9099	Healthcare Support Workers, AO (including: Certified Compliance Technicians; Reimbursement Specialists; and, Clinical Account Technicians/Coders/Data Specialists)	9,738	661	6.79	66	203	269	\$38,771	Long-term on-the-job training
29-2071	Med Records & Health Info Technicians	7,930	771	9.72	77	178	255	\$36,828	Associate degree
31-9094	Medical Transcriptionists	2,084	-196	-9.40	0	43	43	\$34,300	Postsecondary vocational award
<u>Support Services</u>									
35-1012	1st-Line Svrs/Mgrs, Food Prep/Serv	30,419	4,301	14.14	430	904	1,334	\$28,277	Work experience in a related occ.
35-2012	Cooks, Institution and Cafeteria	16,101	858	5.33	86	426	512	\$24,182	Moderate-term on-the-job training
11-9051	Food Service Managers	11,488	799	6.96	80	231	311	\$46,241	Work experience in a related occ.
21-1022	Medical Health Social Workers	4,621	612	13.24	61	111	172	\$55,016	Master's degree
21-1014	Mental Health Counselors	4,820	599	12.43	60	101	161	\$37,663	Master's degree
21-1015	Rehabilitation Counselors	3,847	381	9.90	38	80	118	\$34,660	Master's degree
21-1011	Substnce Abuse/Bhvrl Dsrdr Counslrs	2,632	509	19.34	51	55	106	\$34,453	Master's degree
29-2051	Dietetic Technicians	2,416	209	8.65	21	24	45	\$21,266	Moderate-term on-the-job training
29-1031	Dietitians and Nutritionists	2,450	255	10.41	26	18	44	\$57,309	Bachelor's Degree
<u>Biotechnology Research & Development</u>									
19-1029	Biological Scientists, All Other	557	23	4.13	2	15	17	\$84,609	Master's/Doctoral degree
19-1022	Microbiologists	293	24	8.19	2	8	10	\$56,360	Doctoral degree
19-1040	Medical Scientists & Epidemiologists	*	*	*	*	*	*	N/A	Master's/Doctoral degree
19-1021	Biochemists and Biophysicists	*	*	*	*	*	*	\$84,956	Doctoral degree