



Missouri Target Industry Brief

HEALTH SCIENCES and SERVICES

Health Sciences and Services

The **Health Sciences and Services** Target Industry Group employs 455,341 persons across 22,800 establishments in 19 industries. This target industry encompasses the delivery and administration of health care as well as innovations that advance the efficiency of patient services.

The largest **Health Sciences and Services** industries are *General Medical and Surgical Hospitals* with a workforce of 120,364 followed by *Management of Companies and Enterprises* employing 65,274 workers, and *Skilled Nursing Care Facilities* employing 44,693 workers.

The 2017 average annual wage of the **Health Sciences and Services** Target Group was \$57,088— this is \$9,278 more than the state's private sector average annual wage of \$47,810. Top earners among this target industry include, *Management of Companies and Enterprises* (\$101,179), *Software Publishers* (\$100,004) and *Scientific Research and Development Services* with average annual wages of \$98,014.

The Location Quotient (LQ) compares the regional share of an industry to the national share so that a LQ over 1.0 indicates sectors of employment concentration. Missouri has particularly high employment concentrations in *Management of Companies and Enterprises* (LQ 1.48), *Skilled Nursing Care Facilities* (LQ 1.43), and *General Medical and Surgical Hospitals* (LQ 1.33).

2017 Employment Data for the Health Sciences and Services Target Industry Group

NAICS	Industry	2017 Establishments	2017 Employment	2017 Average Annual Wage	2017 Employment Location Quotient
	Total All Private Industry	196,379	2,367,217	\$47,810	
5112	Software Publishers	366	2,618	\$100,004	0.36
5415	Computer Systems Design and Related Services	4,687	40,845	\$87,684	1.03
5416	Management and Technical Consulting Services	3,442	18,726	\$72,802	0.69
5417	Scientific Research and Development Services	452	8,637	\$98,014	0.68
5511	Management of Companies and Enterprises	1,564	65,274	\$101,179	1.48
6211	Offices of Physicians	3,533	41,291	\$97,045	0.83
6212	Offices of Dentists	1,956	14,750	\$52,501	0.82
6213	Offices of Other Health Practitioners	2,650	16,125	\$38,523	0.94
6214	Outpatient Care Centers	708	14,096	\$49,097	0.82
6215	Medical and Diagnostic Laboratories	305	3,582	\$57,669	0.69
6216	Home Health Care Services	749	21,219	\$30,138	0.78
6219	Other Ambulatory Health Care Services	291	5,874	\$44,844	1.01
6221	General Medical and Surgical Hospitals	178	120,364	\$58,039	1.33
6222	Psychiatric and Substance Abuse Hospitals	21	2,139	\$42,183	0.93
6223	Other Hospitals	37	4,721	\$48,784	1.06
6231	Nursing Care Facilities (Skilled Nursing Facilities)	607	44,693	\$26,789	1.43
6232	Residential Mental Health Facilities	650	14,096	\$25,361	1.16
6233	Community Care Facilities for the Elderly	459	12,924	\$25,502	0.73
6239	Other Residential Care Facilities	145	3,367	\$28,511	1.05
	Totals	22,800	455,341	\$57,088	0.94

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2017 Annual Data

Health Care Sciences and Services Employment Trends

Employment Trends: 2012 - 2017

Employment in the **Health Sciences and Services** Target Industry Group grew an average 2 percent per year from 2012 to 2017—adding a total 37,594 jobs. This industry group employs 19 percent of all total private sector workers.

Fifteen **Health Sciences and Services** industries posted employment gains. The *Computer Systems Design and Related Services* industry had the largest gain with 10,673 jobs between 2012 and 2017; *Management and Technical Consulting Services* gained 7,966 jobs followed by *Management of Companies and Enterprises* with 4,465 jobs.

Four **Health Sciences and Services** industries posted employment losses. The *Psychiatric and Substance Abuse Hospitals* industry lost 111 jobs, *Medical and Diagnostic Laboratories* lost 381 jobs, and *Skilled Nursing Care Facilities* lost 1,077 jobs. *Scientific Research and Development Services* shows a loss of 1,394 jobs, largely due to an industry sector reclassification.

2012 - 2017 Employment Data for the Health Sciences and Services Target Industry Group

NAICS	Industry	2012 Employment	2013 Employment	2014 Employment	2015 Employment	2016 Employment	2017 Employment	2012 -2017 Employment Change
5112	Software Publishers	2,261	2,098	2,155	2,251	2,347	2,618	357
5415	Computer Systems Design and Related Services	30,172	33,083	33,757	35,688	38,038	40,845	10,673
5416	Management and Technical Consulting Services	10,760	11,626	12,432	15,297	17,063	18,726	7,966
5417	Scientific Research and Development Services	10,031	6,742	7,183	7,944	8,479	8,637	-1,394
5511	Management of Companies and Enterprises	60,809	63,763	66,063	65,453	65,073	65,274	4,465
6211	Offices of Physicians	39,683	40,157	40,087	40,486	40,783	41,291	1,608
6212	Offices of Dentists	13,873	14,065	14,257	14,525	14,753	14,750	877
6213	Offices of Other Health Practitioners	14,721	14,781	14,794	15,179	15,597	16,125	1,404
6214	Outpatient Care Centers	11,631	12,319	12,293	12,850	13,366	14,096	2,465
6215	Medical and Diagnostic Laboratories	3,963	3,850	3,802	3,809	3,716	3,582	-381
6216	Home Health Care Services	18,568	19,443	20,140	21,074	21,037	21,219	2,651
6219	Other Ambulatory Health Care Services	4,147	4,713	4,954	5,258	5,356	5,874	1,727
6221	General Medical and Surgical Hospitals	116,713	115,947	112,910	114,793	117,266	120,364	3,651
6222	Psychiatric and Substance Abuse Hospitals	2,250	2,366	2,527	2,585	2,560	2,139	-111
6223	Other Hospitals	4,391	4,566	4,425	4,564	4,794	4,721	330
6231	Nursing Care Facilities (Skilled Nursing Facilities)	45,770	45,528	45,486	45,477	45,264	44,693	-1,077
6232	Residential Mental Health Facilities	13,763	14,221	14,557	13,923	13,921	14,096	333
6233	Community Care Facilities for the Elderly	11,338	12,008	12,044	11,797	11,939	12,924	1,586
6239	Other Residential Care Facilities	2,903	3,027	3,046	3,132	3,292	3,367	464
Totals		417,747	424,303	426,912	436,085	444,644	455,341	37,594

Source: U. S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Annual Data

Health Care Sciences and Services Occupations

Health Care Sciences and Services Occupations

Occupations in the **Health Sciences and Services** industry group typically require some combination of training (i.e., education, experience, or on-the-job). The top employing occupations in this industry group that typically require long-term (Later) training include *Registered Nurses, Software Developers, and Medical and Health Services Managers*. Occupations requiring moderate (Next) training include *Nursing Assistants, Licensed Practical (LP) and Licensed Vocational (LV) Nurses, and Medical Assistants*. Leading occupations requiring short-term (Now) training include *Medical Secretaries, Personal Care Aides, and Customer Service Representatives*.

The average annual occupation wage for Health Care occupations is \$57,389. *General Operation Managers* had average wages of \$120,657; *Personal Care Aides* had salaries averaging \$22,262.

2017 Top Occupations in Health Sciences and Services

Now Next Later	Occupation Code	Occupation Title	2017 Estimated Employment	2017 Average Wages
NOW	43-6013	Medical Secretaries	15,450	\$32,975
NOW	39-9021	Personal Care Aides	14,500	\$22,262
NOW	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	10,240	\$34,293
NOW	43-4051	Customer Service Representatives	8,120	\$36,166
NOW	43-9061	Office Clerks, General	7,390	\$32,071
NEXT	31-1014	Nursing Assistants	34,710	\$25,483
NEXT	29-2061	Licensed Practical and Licensed Vocational Nurses	12,540	\$40,993
NEXT	31-9092	Medical Assistants	9,220	\$31,332
NEXT	15-1151	Computer User Support Specialists	5,570	\$46,801
NEXT	31-9091	Dental Assistants	5,380	\$36,870
LATER	29-1141	Registered Nurses	63,490	\$63,449
LATER	15-1132	Software Developers, Applications	8,690	\$94,911
LATER	15-1121	Computer Systems Analysts	6,560	\$90,915
LATER	11-1021	General and Operations Managers	5,470	\$120,657
LATER	11-9111	Medical and Health Services Managers	5,030	\$108,663

Source: Division of Occupational Employment Statistics
U.S. Bureau of Labor Statistics

MISSOURI ECONOMIC RESEARCH AND INFORMATION CENTER

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