

Marion County



Economic Impact of the Health Sector

2021

Iowa Hospital Association

Economic Impact of the Health Care Sector

Main Objective

Derive the direct economic impact and total economic impact of the five health sectors and the total health sector for the state of Iowa and each county.

Direct Economic Activities

Employment and income (sum of payroll and employee benefits expense) are the important direct economic activities created from the health sector. The health sector is divided into the following five components:

- Hospitals
- Offices of Physicians, Dentists, & Other Health Practitioners
- Nursing Home & Residential Care
- Other Medical and Health Services (*includes home health care, county health departments, hospice, durable medical equipment suppliers, other ambulatory health care services, dental laboratories, etc.*)
- Pharmacies (*Includes all pharmacy personnel*)

Income and Employment Multipliers

The health sector and the employees in the health sector purchase a large amount of goods and services from local businesses. These impacts are referred to as secondary impacts or benefits to the economy. In economics, this measure is called the multiplier effect. In the report provided, two multipliers are utilized. The “employment multiplier” is the ratio between direct employment and the direct, indirect, and induced employment.

For example, an employment multiplier of 2.0 indicates that if one job is created by an industry, one additional job is created in other sectors due to business (indirect) and household (induced) spending.

The “income multiplier” is the ratio between direct income and the direct, indirect, and induced income. For example, an income multiplier of 1.54 indicates that for each dollar created in that sector, 0.54 additional dollars are created throughout the area due to business (indirect) and household (induced) spending.

Data Notes

The economic impact results presented in this table including multipliers were obtained from the IMPLAN software, which can analyze county level data using an economic input-output model. It was developed by the U.S. Forest Service and is a model that allows for development of county multipliers.

However, to break this information down to a hospital specific level, certain information required for running the model (e.g., total employment, payroll and benefits of employees, retail sales and pharmacy information) had to be manually entered into the system. This data was collected from the AHA Annual Survey, the Iowa Department of Revenue and Finance, the U.S. Census Bureau and the Bureau of Economic Analysis.

2021 Economic Impact of the Health Sector



Marion County

(1) Health Sector Components	(3) Employment		(4) Impact	(6) Payroll & Proprietor Income			(8) Retail Sales	(9) 6.0% Sales Tax
	(2) Nos.	Multiplier		(5) Income	(7) Multiplier	Impact		
Hospitals								
<i>Knoxville Hospital & Clinics</i>	279	1.58441	442	\$16,857,909	1.51007	\$25,456,699	\$5,236,140	\$314,168
<i>Pella Regional Health Center</i>	690	1.58441	1,093	\$27,169,097	1.51007	\$41,027,361	\$8,438,840	\$506,330
HOSPITALS SUBTOTAL	969	1.58441	1,535	\$44,027,006	1.51007	\$66,484,060	\$13,674,980	\$820,498
Offices of physicians	90	1.52525	137	\$8,216,652	1.18909	\$9,770,360	\$2,009,647	\$120,579
Offices of dentists	103	1.35529	139	\$6,750,302	1.17965	\$7,962,982	\$1,637,891	\$98,273
Offices of other health practitioners	178	1.31025	233	\$10,026,303	1.17900	\$11,821,021	\$2,431,443	\$145,887
OFFICES SUBTOTAL	371	1.37197	509	\$24,993,257	1.18249	\$29,554,363	\$6,078,981	\$364,739
Nursing Home & Community Care facilities	461	1.31176	604	\$16,383,316	1.26935	\$20,796,182	\$4,277,527	\$256,652
Mental health, substance abuse, other facilities	200	1.23570	248	\$6,656,391	1.22923	\$8,182,205	\$1,682,982	\$100,979
NURSING HOMES AND OTHERS SUBTOTAL	661	1.28896	852	\$23,039,707	1.25776	\$28,978,387	\$5,960,509	\$357,631
Pharmacies	25	1.28168	32	\$1,325,000	1.24426	\$1,648,638	\$339,105	\$20,346
Other Medical & Health Services								
Medical and diagnostic laboratories	14	1.36596	20	\$838,810	1.22565	\$1,028,091	\$211,466	\$12,688
Outpatient care centers	31	1.51585	47	\$1,969,357	1.24909	\$2,459,911	\$505,974	\$30,358
Other ambulatory health care services	29	1.28073	37	\$1,118,200	1.25731	\$1,405,926	\$289,182	\$17,351
Dental laboratories	0	0.00000	0	\$0	0.00000	\$0	\$0	\$0
Home health care services	60	1.19915	72	\$2,317,241	1.16637	\$2,702,753	\$555,924	\$33,355
OTHER MED/HLTH SVCS SUBTOTAL	135	1.30370	176	\$6,243,608	1.21671	\$7,596,681	\$1,562,546	\$93,752
TOTALS	2,161		3,104	\$99,628,578		\$134,262,129	\$27,616,121	\$1,656,966



2021 Economic Impact of the Health Sector



State of Iowa

(1) Health Sector Components	(3) Employment		(4)	(6) Payroll & Proprietor Income		(7)	(8)	(9)
	Nos.	Multiplier	Impact	Income	Multiplier	Impact	Retail Sales	6.0% Sales Tax
<i>State of Iowa Hospitals</i>	76,169	1.88812	143,816	\$5,345,474,716	1.61691	\$8,643,144,321	\$2,113,407,604	\$126,804,456
HOSPITALS SUBTOTAL	76,169	1.88812	143,816	\$5,345,474,716	1.61691	\$8,643,144,321	\$2,113,407,604	\$126,804,456
Offices of physicians	29,153	1.83901	53,612	\$3,247,527,130	1.33182	\$4,325,114,750	\$1,057,570,030	\$63,454,202
Offices of dentists	10,026	1.52479	15,287	\$711,849,777	1.33141	\$947,765,875	\$231,746,172	\$13,904,770
Offices of other health practitioners	10,816	1.40539	15,201	\$575,868,301	1.33073	\$766,327,621	\$187,381,185	\$11,242,871
OFFICES SUBTOTAL	49,994	1.68220	84,100	\$4,535,245,208	1.33162	\$6,039,208,246	\$1,476,697,387	\$88,601,843
Nursing Home & Community Care facilities	43,770	1.43531	62,824	\$1,656,230,157	1.47186	\$2,437,738,041	\$596,071,744	\$35,764,305
Mental health, substance abuse, other facilities	12,795	1.34223	17,173	\$479,719,115	1.38926	\$666,452,692	\$162,959,929	\$9,777,596
NURSING HOMES AND OTHERS SUBTOTAL	56,565	1.41425	79,997	\$2,135,949,272	1.45331	\$3,104,190,733	\$759,031,673	\$45,541,901
Pharmacies	5,660	1.40245	7,938	\$204,514,000	1.44559	\$295,644,126	\$72,290,421	\$4,337,425
Other Medical & Health Services								
Medical and diagnostic laboratories	1,091	1.63987	1,790	\$85,832,794	1.37805	\$118,281,583	\$28,922,020	\$1,735,321
Outpatient care centers	5,996	1.67993	10,072	\$387,470,924	1.42711	\$552,962,134	\$135,209,402	\$8,112,564
Other ambulatory health care services	3,674	1.50018	5,512	\$216,784,630	1.38579	\$300,417,323	\$73,457,556	\$4,407,453
Dental laboratories	469	1.65512	777	\$42,203,621	1.33396	\$56,297,832	\$13,765,854	\$825,951
Home health care services	7,833	1.33951	10,493	\$406,578,110	1.28160	\$521,069,846	\$127,411,152	\$7,644,669
OTHER MED/HLTH SVCS SUBTOTAL	19,064	1.50252	28,644	\$1,138,870,079	1.36015	\$1,549,028,718	\$378,765,984	\$22,725,958
TOTALS	207,452		344,495	\$13,360,053,275		\$19,631,216,144	\$4,800,193,069	\$288,011,583





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A large, decorative graphic on the right side of the page features three interlocking gears. The gears are rendered in a low-poly, faceted style with a color gradient from light blue to green. Each gear has a circular cutout in its center. The top-right gear is green and contains a blurred image of a modern building. The bottom-left gear is blue and contains a blurred image of a street scene with trees and a car. The year '2021' is printed in a large, bold, dark grey sans-serif font in the bottom right corner, partially overlapping the green gear.

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