Monroe County

IOWA HOSPITAL ASSOCIATION

We care about Iowa's health

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

Monroe County

(1) Health Sector Components	(2) Employment Nos.	(3) Employment Multiplier	(4) Employment Impact	(5) Payroll & Proprietor Income Income	(6) Payroll & Proprietor Income Multiplier	(7) Payroll & Proprietor Income Impact	(8) Retail Sales	(9) 6.0% Sales Tax
Hospitals								
Monroe County Hospital & Clinics	139	1.46095	203	$12,765,200	1.15572	$14,753,042	$1,837,556	$110,253
HOSPITALS SUBTOTAL	**139**	**1.46095**	**203**	**$12,765,200**	**1.15572**	**$14,753,042**	**$1,837,556**	**$110,253**
Offices of physicians	**15**	**1.29622**	**20**	**$828,668**	**1.18195**	**$979,445**	**$121,994**	**$7,320**
Offices of dentists	**5**	**1.20102**	**6**	**$207,162**	**1.16983**	**$242,344**	**$30,185**	**$1,811**
Offices of other health practitioners	**8**	**1.19265**	**10**	**$390,010**	**1.12824**	**$440,024**	**$54,807**	**$3,288**
OFFICES SUBTOTAL	**29**	**1.24138**	**36**	**$1,425,840**	**1.16550**	**$1,661,813**	**$206,986**	**$12,419**
Nursing Home & Community Care facilities	**146**	**1.24963**	**182**	**$5,196,416**	**1.20214**	**$6,246,821**	**$778,069**	**$46,684**
Mental health, substance abuse, other facilities	**14**	**1.18109**	**16**	**$494,594**	**1.15601**	**$571,754**	**$71,214**	**$4,273**
NURSING HOMES AND OTHERS SUBTOTAL	**160**	**1.23750**	**198**	**$5,691,010**	**1.19813**	**$6,818,575**	**$849,283**	**$50,957**
Pharmacies	**0**	**1.16419**	**0**	**$0**	**1.70868**	**$0**	**$0**	**$0**
Other Medical & Health Services								
Medical and diagnostic laboratories	0	0.00000	0	$0	0.00000	$0	$0	$0
Outpatient care centers	0	0.00000	0	$0	0.00000	$0	$0	$0
Other ambulatory health care services	10	1.20328	12	$342,188	1.19660	$409,463	$51,000	$3,060
Dental laboratories	0	0.00000	0	$0	0.00000	$0	$0	$0
Home health care services	27	1.11755	30	$905,287	1.11571	$1,010,041	$125,805	$7,548
OTHER MED/HLTH SVCS SUBTOTAL	**37**	**1.13514**	**42**	**$1,247,475**	**1.13790**	**$1,419,504**	**$176,805**	**$10,608**
TOTALS	**365**		**479**	**$21,129,525**		**$24,652,934**	**$3,070,630**	**$184,237**

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State of Iowa

(1) Health Sector Components	(2) Employment Nos.	(3) Multiplier	(4) Impact	(5) Payroll & Proprietor Income Income	(6) Multiplier	(7) Impact	(8) Retail Sales	(9) 6.0% Sales Tax
State of Iowa Hospitals	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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