

# Economic Impact of Long Term Care Facilities Iowa

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$4.8 billion (3.4%) of the state's economic activity**

## Jobs

Direct	Total	Industry Rank
53,350 employees 2.7% of employment	72,370 employees 3.7% of employment	6

## Labor Income

Direct	Total	Industry Rank
\$1.5 billion 2.1% of labor income	\$2.1 billion 3.0% of labor income	9

## Economic Activity

Direct	Total	Industry Rank
\$2.8 billion 1.9% of economic activity	\$4.8 billion 3.4% of economic activity	26

## Tax Revenue

State/Local	Federal	Total
\$195.3 million	\$345.1 million	\$540.3 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities Iowa

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total State Activity
Output (in millions of dollars)	\$2,758.5	\$818.7	\$1,242.3	\$4,819.4	3.4%
Labor Income (in millions of dollars)	\$1,477.2	\$240.4	\$390.5	\$2,108.0	3.0%
Employment (jobs)	53,350	6,990	12,030	72,370	3.7%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$195.3	\$345.1	\$540.3	

LTC facilities support other industries and sectors statewide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	53,350	\$2,758.5
Imputed Rental Activity for Owner-Occupied Dwellings	0	159.7
Real Estate Establishments	1,500	118.7
Wholesale Trade Businesses	620	104.7
Food Services and Drinking Places	2,070	99.5
Insurance Carriers	320	95.7
Offices of Physicians, Dentists, and Other Health Care Providers	600	75.6
Private Hospitals	580	71.3
Animal Slaughtering, Except Poultry	120	56.3
All Other Industries	13,210	1,279.4

### Economic Impact Definitions

- **Direct Effect** represents the impact (e.g., change in employment or revenues) for the expenditures and/or production values specified as directed final demand changes.
- **Indirect Effect** represents the impact (e.g., change in employment or revenues) caused by the iteration of industries purchasing from industries resulting from direct final demand changes.
- **Induced Effect** represents the impacts on all local industries caused by the expenditures of new household income generated by the direct and indirect effects of final demand changes.
- **Total Impact** is the sum of the direct, indirect and induced effects.
- **Labor Income** is the sum of employee compensation and proprietary income.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 1

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$871.7 million (3.4%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
9,930 employees 2.8% of employment	13,520 employees 3.8% of employment	7

## Labor Income

Direct	Total	Industry Rank
\$279.3 million 2.2% of labor income	\$393.1 million 3.1% of labor income	9

## Economic Activity

Direct	Total	Industry Rank
\$517.7 million 2.0% of economic activity	\$871.7 million 3.4% of economic activity	21

## Tax Revenue

State/Local	Federal	Total
\$34.6 million	\$65.3 million	\$100.0 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 1

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$517.7	\$134.1	\$219.9	\$871.7	3.4%
Labor Income (in millions of dollars)	\$279.3	\$42.0	\$71.8	\$393.1	3.1%
Employment (jobs)	9,930	1,310	2,280	13,520	3.8%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$34.6	\$65.3	\$100.0	

LTC facilities support other industries and sectors district-wide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	9,930	\$517.7
Imputed Rental Activity for Owner-Occupied Dwellings	0	29.6
Real Estate Establishments	310	20.9
Food Services and Drinking Places	390	18.5
Wholesale Trade Businesses	110	18.1
Private Hospitals	130	15.5
Offices of Physicians, Dentists, and Other Health Care Providers	110	14.1
Animal Slaughtering, Except Poultry	20	10.5
Insurance Carriers	40	10.2
All Other Industries	2,480	216.6

### Economic Impact Definitions

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# Economic Impact of Long Term Care Facilities Iowa Congressional District 2

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$749.0 million (2.4%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
8,900 employees 2.2% of employment	11,650 employees 2.9% of employment	9

## Labor Income

Direct	Total	Industry Rank
\$244.4 million 1.5% of labor income	\$332.0 million 2.1% of labor income	11

## Economic Activity

Direct	Total	Industry Rank
\$459.1 million 1.5% of economic activity	\$749.0 million 2.4% of economic activity	29

## Tax Revenue

State/Local	Federal	Total
\$29.4 million	\$55.5 million	\$84.8 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 2

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$459.1	\$120.6	\$169.3	\$749.0	2.4%
Labor Income (in millions of dollars)	\$244.4	\$34.4	\$53.1	\$332.0	2.1%
Employment (jobs)	8,900	1,070	1,680	11,650	2.9%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$29.4	\$55.5	\$84.8	

LTC facilities support other industries and sectors district-wide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	8,900	\$459.1
Imputed Rental Activity for Owner-Occupied Dwellings	0	23.9
Real Estate Establishments	240	19.5
Food Services and Drinking Places	320	15.3
Insurance Carriers	50	15.2
Offices of Physicians, Dentists, and Other Health Care Providers	90	11.2
Private Hospitals	80	10.1
Wholesale Trade Businesses	60	10.0
Electric Power Generation, Transmission	20	9.3
All Other Industries	1,890	175.4

### Economic Impact Definitions

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- **Total Impact** is the sum of the direct, indirect and induced effects.
- **Labor Income** is the sum of employee compensation and proprietary income.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 3

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$902.6 million (2.7%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
9,550 employees 2.1% of employment	12,990 employees 2.8% of employment	11

## Labor Income

Direct	Total	Industry Rank
\$293.5 million 1.6% of labor income	\$413.0 million 2.3% of labor income	14

## Economic Activity

Direct	Total	Industry Rank
\$526.3 million 1.6% of economic activity	\$902.6 million 2.7% of economic activity	30

## Tax Revenue

State/Local	Federal	Total
\$37.4 million	\$70.1 million	\$107.5 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

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# Economic Impact of Long Term Care Facilities Iowa Congressional District 3

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$526.3	\$143.9	\$232.4	\$902.6	2.7%
Labor Income (in millions of dollars)	\$293.5	\$43.7	\$75.8	\$413.0	2.3%
Employment (jobs)	9,550	1,230	2,210	12,990	2.8%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$37.4	\$70.1	\$107.5	

LTC facilities support other industries and sectors district-wide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	9,550	\$526.3
Real Estate Establishments	370	32.2
Imputed Rental Activity for Owner-Occupied Dwellings	0	30.9
Wholesale Trade Businesses	110	21.0
Food Services and Drinking Places	360	18.2
Insurance Carriers	60	17.8
Private Hospitals	120	14.4
Offices of Physicians, Dentists, and Other Health Care Providers	110	14.4
Animal Slaughtering, Except Poultry	20	9.8
All Other Industries	2,290	217.6

### Economic Impact Definitions

- **Direct Effect** represents the impact (e.g., change in employment or revenues) for the expenditures and/or production values specified as directed final demand changes.
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- **Induced Effect** represents the impacts on all local industries caused by the expenditures of new household income generated by the direct and indirect effects of final demand changes.
- **Total Impact** is the sum of the direct, indirect and induced effects.
- **Labor Income** is the sum of employee compensation and proprietary income.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 4

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,030.7 million (3.7%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
12,300 employees 3.2% of employment	16,050 employees 4.2% of employment	6

## Labor Income

Direct	Total	Industry Rank
\$325.1 million 2.5% of labor income	\$446.4 million 3.4% of labor income	6

## Economic Activity

Direct	Total	Industry Rank
\$619.3 million 2.2% of economic activity	\$1,030.7 million 3.7% of economic activity	24

## Tax Revenue

State/Local	Federal	Total
\$41.0 million	\$75.3 million	\$116.3 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 4

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$619.3	\$172.3	\$239.1	\$1,030.7	3.7%
Labor Income (in millions of dollars)	\$325.1	\$49.0	\$72.4	\$446.4	3.4%
Employment (jobs)	12,300	1,430	2,320	16,050	4.2%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$41.0	\$75.3	\$116.3	

LTC facilities support other industries and sectors district-wide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	12,300	\$619.3
Imputed Rental Activity for Owner-Occupied Dwellings	0	33.9
Real Estate Establishments	280	24.7
Insurance Carriers	80	21.0
Wholesale Trade Businesses	130	21.0
Food Services and Drinking Places	420	20.0
Offices of Physicians, Dentists, and Other Health Care Providers	120	16.2
Animal Slaughtering, Except Poultry	30	12.3
Monetary Authorities and Depository Credit Institutions	40	12.0
All Other Industries	2,650	250.3

### Economic Impact Definitions

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- **Induced Effect** represents the impacts on all local industries caused by the expenditures of new household income generated by the direct and indirect effects of final demand changes.
- **Total Impact** is the sum of the direct, indirect and induced effects.
- **Labor Income** is the sum of employee compensation and proprietary income.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 5

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,030.0 million (4.2%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
12,670 employees 3.7% of employment	16,600 employees 4.8% of employment	5

## Labor Income

Direct	Total	Industry Rank
\$334.9 million 3.2% of labor income	\$452.8 million 4.3% of labor income	7

## Economic Activity

Direct	Total	Industry Rank
\$636.0 million 2.6% of economic activity	\$1,030.0 million 4.2% of economic activity	18

## Tax Revenue

State/Local	Federal	Total
\$39.7 million	\$75.7 million	\$115.4 million

\*Long Term Care (LTC) facilities include nursing homes, assisted living, and other residential care facilities. These facilities do not include government-owned or hospital-based facilities.

Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities Iowa Congressional District 5

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$636.0	\$155.5	\$238.5	\$1,030.0	4.2%
Labor Income (in millions of dollars)	\$334.9	\$44.2	\$73.7	\$452.8	4.3%
Employment (jobs)	12,670	1,440	2,490	16,600	4.8%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$39.7	\$75.7	\$115.4	

LTC facilities support other industries and sectors district-wide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	12,670	\$636.0
Imputed Rental Activity for Owner-Occupied Dwellings	0	35.5
Wholesale Trade Businesses	150	21.6
Food Services and Drinking Places	450	20.8
Private Hospitals	130	15.1
Real Estate Establishments	220	14.1
Offices of Physicians, Dentists, and Other Health Care Providers	120	13.3
Animal Slaughtering, Except Poultry	30	13.2
Electric Power Generation, Transmission	30	12.9
All Other Industries	2,800	247.5

### Economic Impact Definitions

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- **Labor Income** is the sum of employee compensation and proprietary income.

# Economic Impact of Long Term Care Facilities United States

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$529.0 billion (3.7%) of the nation's economic activity**

## Jobs

Direct	Total	Industry Rank
3,121,960 employees 1.8% of employment	5,445,420 employees 3.2% of employment	10

## Labor Income

Direct	Total	Industry Rank
\$102.5 billion 1.3% of labor income	\$205.2 billion 2.6% of labor income	16

## Economic Activity

Direct	Total	Industry Rank
\$183.5 billion 1.3% of economic activity	\$529.0 billion 3.7% of economic activity	27

## Tax Revenue

State/Local	Federal	Total
\$22.2 billion	\$38.6 billion	\$60.9 billion

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Sources: Economic impact analysis: American Health Care Association using Impact Analysis for Planning (IMPLAN) software and data, Minnesota IMPLAN Group, Inc., 2009 data.

# Economic Impact of Long Term Care Facilities United States

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total State Activity
Output (in millions of dollars)	\$183,462.2	\$112,450.2	\$233,043.6	\$528,956.1	3.7%
Labor Income (in millions of dollars)	\$102,502.5	\$32,550.4	\$70,143.9	\$205,196.8	2.6%
Employment (jobs)	3,121,960	704,970	1,618,480	5,445,420	3.2%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$22,236.3	\$38,630.1	\$60,866.4	

LTC facilities support other industries and sectors statewide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	3,121,960	\$183,462.2
Real Estate Establishments	180,130	26,020.1
Imputed Rental Activity for Owner-Occupied Dwellings	0	17,402.8
Wholesale Trade Businesses	72,830	14,420.5
Insurance Carriers	37,630	12,055.7
Food Services and Drinking Places	179,520	10,430.9
Private Hospitals	61,710	8,488.3
Offices of Physicians, Dentists, and Other Health Care Providers	63,610	8,077.3
Petroleum Refineries	860	8,051.4
All Other Industries	1,727,170	240,546.9

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