

# Economic Impact of Long Term Care Facilities Massachusetts

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$12.1 billion (3.3%) of the commonwealth's economic activity**

## Jobs

Direct	Total	Industry Rank
98,030 employees 2.4% of employment	135,600 employees 3.3% of employment	9

## Labor Income

Direct	Total	Industry Rank
\$3.9 billion 1.7% of labor income	\$5.8 billion 2.6% of labor income	14

## Economic Activity

Direct	Total	Industry Rank
\$6.6 billion 1.8% of economic activity	\$12.1 billion 3.3% of economic activity	24

## Tax Revenue

State/Local	Federal	Total
\$462.4 million	\$1,125.2 million	\$1,587.7 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 Massachusetts

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total Area Activity
Output (in millions of dollars)	\$6,574.6	\$1,900.6	\$3,635.8	\$12,110.9	3.3%
Labor Income (in millions of dollars)	\$3,888.1	\$633.1	\$1,237.2	\$5,758.3	2.6%
Employment (jobs)	98,030	11,650	25,920	135,600	3.3%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$462.4	\$1,125.2	\$1,587.7	

LTC facilities support other industries and sectors statewide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	98,030	\$6,574.6
Imputed Rental Activity for Owner-Occupied Dwellings	0	470.0
Real Estate Establishments	2,270	451.4
Wholesale Trade Businesses	1,250	295.9
Food Services and Drinking Places	3,750	236.8
Insurance Carriers	600	235.5
Private Hospitals	1,530	227.0
Offices of Physicians, Dentists, and Other Health Care Providers	1,460	198.1
Pharmaceutical Preparation Manufacturing	90	111.3
All Other Industries	26,620	3,310.3

## 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 Massachusetts Congressional District 1

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,115.2 million (5.2%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
10,370 employees 3.6% of employment	14,270 employees 4.9% of employment	5

## Labor Income

Direct	Total	Industry Rank
\$380.2 million 3.2% of labor income	\$532.7 million 4.4% of labor income	7

## Economic Activity

Direct	Total	Industry Rank
\$651.3 million 3.0% of economic activity	\$1,115.2 million 5.2% of economic activity	13

## Tax Revenue

State/Local	Federal	Total
\$55.0 million	\$95.4 million	\$150.3 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 Massachusetts Congressional District 1

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$651.3	\$147.3	\$316.6	\$1,115.2	5.2%
Labor Income (in millions of dollars)	\$380.2	\$46.6	\$106.0	\$532.7	4.4%
Employment (jobs)	10,370	1,170	2,720	14,270	4.9%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$55.0	\$95.4	\$150.3	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	10,370	\$651.3
Imputed Rental Activity for Owner-Occupied Dwellings	0	46.3
Real Estate Establishments	320	45.4
Food Services and Drinking Places	430	24.2
Wholesale Trade Businesses	130	22.5
Private Hospitals	160	21.4
Offices of Physicians, Dentists, and Other Health Care Providers	140	17.9
Insurance Carriers	40	13.9
Electric Power Generation, Transmission	20	13.4
All Other Industries	2,660	258.9

### 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 Massachusetts Congressional District 2

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,161.2 million (4.9%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
10,560 employees 3.6% of employment	14,400 employees 4.9% of employment	5

## Labor Income

Direct	Total	Industry Rank
\$386.2 million 2.8% of labor income	\$551.2 million 4.0% of labor income	7

## Economic Activity

Direct	Total	Industry Rank
\$667.4 million 2.8% of economic activity	\$1,161.2 million 4.9% of economic activity	14

## Tax Revenue

State/Local	Federal	Total
\$56.1 million	\$99.4 million	\$155.5 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.

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

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$667.4	\$162.9	\$330.9	\$1,161.2	4.9%
Labor Income (in millions of dollars)	\$386.2	\$52.8	\$112.1	\$551.2	4.0%
Employment (jobs)	10,560	1,150	2,680	14,400	4.9%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$56.1	\$99.4	\$155.5	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	10,560	\$667.4
Imputed Rental Activity for Owner-Occupied Dwellings	0	47.5
Real Estate Establishments	160	31.8
Wholesale Trade Businesses	130	25.7
Insurance Carriers	60	24.3
Food Services and Drinking Places	420	23.5
Private Hospitals	160	22.8
Offices of Physicians, Dentists, and Other Health Care Providers	160	21.2
Other State and Local Government Enterprises	40	10.8
All Other Industries	2,710	286.2

### 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 Massachusetts Congressional District 3

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,327.9 million (4.1%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
11,370 employees 3.1% of employment	15,770 employees 4.3% of employment	6

## Labor Income

Direct	Total	Industry Rank
\$436.9 million 2.4% of labor income	\$630.8 million 3.4% of labor income	8

## Economic Activity

Direct	Total	Industry Rank
\$747.5 million 2.3% of economic activity	\$1,327.9 million 4.1% of economic activity	19

## Tax Revenue

State/Local	Federal	Total
\$66.8 million	\$123.3 million	\$190.2 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 Massachusetts Congressional District 3

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$747.5	\$198.1	\$382.3	\$1,327.9	4.1%
Labor Income (in millions of dollars)	\$436.9	\$65.6	\$128.3	\$630.8	3.4%
Employment (jobs)	11,370	1,360	3,040	15,770	4.3%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$66.8	\$123.3	\$190.2	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	11,370	\$747.5
Imputed Rental Activity for Owner-Occupied Dwellings	0	52.4
Real Estate Establishments	240	40.7
Wholesale Trade Businesses	150	33.3
Food Services and Drinking Places	460	26.8
Insurance Carriers	80	26.6
Private Hospitals	170	24.4
Offices of Physicians, Dentists, and Other Health Care Providers	180	22.3
Electric Power Generation, Transmission	20	18.2
All Other Industries	3,100	335.7

### 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 Massachusetts Congressional District 4

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,303.9 million (3.9%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
11,390 employees 2.7% of employment	15,370 employees 3.6% of employment	9

## Labor Income

Direct	Total	Industry Rank
\$448.6 million 2.2% of labor income	\$634.8 million 3.1% of labor income	11

## Economic Activity

Direct	Total	Industry Rank
\$756.9 million 2.3% of economic activity	\$1,303.9 million 3.9% of economic activity	17

## Tax Revenue

State/Local	Federal	Total
\$65.1 million	\$125.8 million	\$190.9 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 Massachusetts Congressional District 4

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$756.9	\$204.2	\$342.8	\$1,303.9	3.9%
Labor Income (in millions of dollars)	\$448.6	\$68.1	\$118.2	\$634.8	3.1%
Employment (jobs)	11,390	1,340	2,640	15,370	3.6%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$65.1	\$125.8	\$190.9	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	11,390	\$756.9
Real Estate Establishments	280	49.9
Imputed Rental Activity for Owner-Occupied Dwellings	0	48.1
Wholesale Trade Businesses	140	30.5
Insurance Carriers	70	25.6
Food Services and Drinking Places	410	25.0
Private Hospitals	160	23.5
Offices of Physicians, Dentists, and Other Health Care Providers	150	20.4
Electric Power Generation, Transmission	20	14.4
All Other Industries	2,750	309.6

### 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 Massachusetts Congressional District 5

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,053.4 million (2.6%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
9,380 employees 2.5% of employment	12,220 employees 3.3% of employment	9

## Labor Income

Direct	Total	Industry Rank
\$383.4 million 1.7% of labor income	\$519.2 million 2.3% of labor income	14

## Economic Activity

Direct	Total	Industry Rank
\$640.0 million 1.6% of economic activity	\$1,053.4 million 2.6% of economic activity	25

## Tax Revenue

State/Local	Federal	Total
\$51.4 million	\$103.5 million	\$155.0 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 Massachusetts Congressional District 5

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$640.0	\$147.1	\$266.3	\$1,053.4	2.6%
Labor Income (in millions of dollars)	\$383.4	\$49.2	\$86.7	\$519.2	2.3%
Employment (jobs)	9,380	950	1,900	12,220	3.3%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$51.4	\$103.5	\$155.0	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	9,380	\$640.0
Imputed Rental Activity for Owner-Occupied Dwellings	0	43.4
Real Estate Establishments	230	40.0
Wholesale Trade Businesses	100	26.1
Private Hospitals	130	18.3
Food Services and Drinking Places	280	18.0
Offices of Physicians, Dentists, and Other Health Care Providers	100	13.7
Pharmaceutical Preparation Manufacturing	10	10.6
Management - Scientific and Technical Consulting	60	10.0
All Other Industries	1,930	233.3

### 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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- **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 Massachusetts Congressional District 6

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,345.3 million (3.5%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
11,540 employees 2.8% of employment	15,610 employees 3.8% of employment	8

## Labor Income

Direct	Total	Industry Rank
\$467.0 million 2.2% of labor income	\$652.5 million 3.0% of labor income	9

## Economic Activity

Direct	Total	Industry Rank
\$783.0 million 2.0% of economic activity	\$1,345.3 million 3.5% of economic activity	24

## Tax Revenue

State/Local	Federal	Total
\$66.5 million	\$130.6 million	\$197.1 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 Massachusetts Congressional District 6

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$783.0	\$209.8	\$352.5	\$1,345.3	3.5%
Labor Income (in millions of dollars)	\$467.0	\$68.8	\$116.7	\$652.5	3.0%
Employment (jobs)	11,540	1,380	2,700	15,610	3.8%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$66.5	\$130.6	\$197.1	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	11,540	\$783.0
Imputed Rental Activity for Owner-Occupied Dwellings	0	50.4
Real Estate Establishments	300	49.7
Wholesale Trade Businesses	130	32.4
Food Services and Drinking Places	410	25.6
Offices of Physicians, Dentists, and Other Health Care Providers	160	20.8
Insurance Carriers	50	18.3
Private Hospitals	130	18.2
Management - Scientific and Technical Consulting	80	12.4
All Other Industries	2,810	334.5

### 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 Massachusetts Congressional District 7

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$859.7 million (2.4%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
7,630 employees 2.0% of employment	9,830 employees 2.6% of employment	14

## Labor Income

Direct	Total	Industry Rank
\$315.4 million 1.3% of labor income	\$428.0 million 1.8% of labor income	16

## Economic Activity

Direct	Total	Industry Rank
\$525.0 million 1.5% of economic activity	\$859.7 million 2.4% of economic activity	28

## Tax Revenue

State/Local	Federal	Total
\$41.7 million	\$83.8 million	\$125.5 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.

# Economic Impact of Long Term Care Facilities Massachusetts Congressional District 7

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$525.0	\$133.0	\$201.7	\$859.7	2.4%
Labor Income (in millions of dollars)	\$315.4	\$45.0	\$67.6	\$428.0	1.8%
Employment (jobs)	7,630	790	1,410	9,830	2.6%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$41.7	\$83.8	\$125.5	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	7,630	\$525.0
Real Estate Establishments	170	31.8
Imputed Rental Activity for Owner-Occupied Dwellings	0	31.7
Wholesale Trade Businesses	70	19.5
Insurance Carriers	40	16.1
Food Services and Drinking Places	210	14.0
Offices of Physicians, Dentists, and Other Health Care Providers	80	10.5
Private Hospitals	60	8.8
Management - Scientific and Technical Consulting	50	8.0
All Other Industries	1,520	194.3

### 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 Massachusetts Congressional District 8

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$568.7 million (0.9%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
5,370 employees 0.8% of employment	6,500 employees 1.0% of employment	31

## Labor Income

Direct	Total	Industry Rank
\$225.1 million 0.5% of labor income	\$289.9 million 0.7% of labor income	42

## Economic Activity

Direct	Total	Industry Rank
\$380.0 million 0.6% of economic activity	\$568.7 million 0.9% of economic activity	51

## Tax Revenue

State/Local	Federal	Total
\$21.4 million	\$45.1 million	\$66.5 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.

# Economic Impact of Long Term Care Facilities Massachusetts Congressional District 8

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$380.0	\$90.5	\$98.2	\$568.7	0.9%
Labor Income (in millions of dollars)	\$225.1	\$30.7	\$34.2	\$289.9	0.7%
Employment (jobs)	5,370	500	630	6,500	1.0%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$21.4	\$45.1	\$66.5	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	5,370	\$380.0
Real Estate Establishments	70	20.7
Imputed Rental Activity for Owner-Occupied Dwellings	0	13.8
Wholesale Trade Businesses	40	10.6
Insurance Carriers	20	10.0
Food Services and Drinking Places	120	8.6
Private Hospitals	50	7.7
Offices of Physicians, Dentists, and Other Health Care Providers	40	5.9
Management - Scientific and Technical Consulting	30	5.5
All Other Industries	760	105.9

### 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 Massachusetts Congressional District 9

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,237.4 million (2.4%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
10,310 employees 1.9% of employment	13,660 employees 2.6% of employment	12

## Labor Income

Direct	Total	Industry Rank
\$436.0 million 1.4% of labor income	\$608.7 million 1.9% of labor income	18

## Economic Activity

Direct	Total	Industry Rank
\$731.2 million 1.4% of economic activity	\$1,237.4 million 2.4% of economic activity	27

## Tax Revenue

State/Local	Federal	Total
\$57.6 million	\$111.2 million	\$168.8 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 Massachusetts Congressional District 9

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$731.2	\$190.6	\$315.6	\$1,237.4	2.4%
Labor Income (in millions of dollars)	\$436.0	\$64.3	\$108.4	\$608.7	1.9%
Employment (jobs)	10,310	1,140	2,210	13,660	2.6%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$57.6	\$111.2	\$168.8	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	10,310	\$731.2
Real Estate Establishments	200	45.6
Imputed Rental Activity for Owner-Occupied Dwellings	0	43.5
Wholesale Trade Businesses	120	27.1
Insurance Carriers	60	23.3
Food Services and Drinking Places	350	22.6
Private Hospitals	140	21.6
Offices of Physicians, Dentists, and Other Health Care Providers	120	16.9
Management - Scientific and Technical Consulting	70	11.3
All Other Industries	2,290	294.3

### 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 Massachusetts Congressional District 10

January, 2011

**Long Term Care (LTC) facilities\* support an estimated \$1,174.4 million (5.0%) of the district's economic activity**

## Jobs

Direct	Total	Industry Rank
10,080 employees 3.0% of employment	13,870 employees 4.1% of employment	7

## Labor Income

Direct	Total	Industry Rank
\$407.9 million 3.0% of labor income	\$569.3 million 4.2% of labor income	7

## Economic Activity

Direct	Total	Industry Rank
\$689.9 million 2.9% of economic activity	\$1,174.4 million 5.0% of economic activity	15

## Tax Revenue

State/Local	Federal	Total
\$60.4 million	\$115.9 million	\$176.3 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 Massachusetts Congressional District 10

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$689.9	\$169.2	\$315.3	\$1,174.4	5.0%
Labor Income (in millions of dollars)	\$407.9	\$55.7	\$105.7	\$569.3	4.2%
Employment (jobs)	10,080	1,250	2,540	13,870	4.1%
<b>Estimated Impact</b>		<b>State/Local</b>	<b>Federal</b>	<b>Total</b>	
Tax Revenue (in millions of dollars)		\$60.4	\$115.9	\$176.3	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	10,080	\$689.9
Imputed Rental Activity for Owner-Occupied Dwellings	0	47.3
Real Estate Establishments	330	44.5
Food Services and Drinking Places	380	23.9
Wholesale Trade Businesses	110	23.8
Insurance Carriers	80	23.8
Offices of Physicians, Dentists, and Other Health Care Providers	160	20.0
Private Hospitals	110	15.8
Electric Power Generation, Transmission	20	15.3
All Other Industries	2,600	270.1

### 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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(2-page document)

# 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

\*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 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

## Economic Impact Definitions

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