

Economic Impact of Long Term Care Facilities Arizona

January, 2011

Long Term Care (LTC) facilities* support an estimated \$4.5 billion (1.8%) of the state's economic activity

Jobs

Direct	Total	Industry Rank
42,640 employees 1.3% of employment	59,520 employees 1.9% of employment	16

Labor Income

Direct	Total	Industry Rank
\$1.4 billion 1.0% of labor income	\$2.0 billion 1.5% of labor income	25

Economic Activity

Direct	Total	Industry Rank
\$2.5 billion 1.0% of economic activity	\$4.5 billion 1.8% of economic activity	45

Tax Revenue

State/Local	Federal	Total
\$181.3 million	\$350.1 million	\$531.4 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 Arizona

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total State Activity
Output (in millions of dollars)	\$2,454.4	\$740.0	\$1,352.4	\$4,546.7	1.8%
Labor Income (in millions of dollars)	\$1,370.6	\$234.1	\$444.9	\$2,049.6	1.5%
Employment (jobs)	42,640	5,750	11,140	59,520	1.9%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$181.3	\$350.1	\$531.4	

LTC facilities support other industries and sectors statewide...

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	42,640	\$2,454.4
Real Estate Establishments	1,310	195.6
Imputed Rental Activity for Owner-Occupied Dwellings	0	171.7
Food Services and Drinking Places	1,590	95.9
Wholesale Trade Businesses	490	94.8
Private Hospitals	560	80.2
Insurance Carriers	280	79.2
Offices of Physicians, Dentists, and Other Health Care Providers	600	77.2
Electric Power Generation, Transmission	90	57.6
All Other Industries	11,960	1,240.1

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.
- **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 Arizona Congressional District 1

January, 2011

Long Term Care (LTC) facilities* support an estimated \$387.6 million (1.9%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
4,350 employees 1.6% of employment	5,590 employees 2.1% of employment	14

Labor Income

Direct	Total	Industry Rank
\$140.2 million 1.3% of labor income	\$183.7 million 1.8% of labor income	15

Economic Activity

Direct	Total	Industry Rank
\$248.6 million 1.2% of economic activity	\$387.6 million 1.9% of economic activity	29

Tax Revenue

State/Local	Federal	Total
\$15.9 million	\$28.4 million	\$44.3 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

Arizona Congressional District 1

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$248.6	\$48.2	\$90.8	\$387.6	1.9%
Labor Income (in millions of dollars)	\$140.2	\$14.5	\$29.0	\$183.7	1.8%
Employment (jobs)	4,350	410	830	5,590	2.1%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$15.9	\$28.4	\$44.3	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	4,350	\$248.6
Imputed Rental Activity for Owner-Occupied Dwellings	0	14.5
Real Estate Establishments	80	13.4
Food Services and Drinking Places	140	8.3
Private Hospitals	50	7.0
Offices of Physicians, Dentists, and Other Health Care Providers	50	5.3
Other State and Local Government Enterprises	20	4.6
Wholesale Trade Businesses	30	4.6
Monetary Authorities and Depository Credit Institutions	10	3.3
All Other Industries	860	78.0

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

Economic Impact of Long Term Care Facilities Arizona Congressional District 2

January, 2011

Long Term Care (LTC) facilities* support an estimated \$764.6 million (4.0%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
8,080 employees 2.9% of employment	10,700 employees 3.8% of employment	9

Labor Income

Direct	Total	Industry Rank
\$261.6 million 2.4% of labor income	\$359.7 million 3.3% of labor income	8

Economic Activity

Direct	Total	Industry Rank
\$468.9 million 2.5% of economic activity	\$764.6 million 4.0% of economic activity	17

Tax Revenue

State/Local	Federal	Total
\$32.1 million	\$63.2 million	\$95.3 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

Arizona Congressional District 2

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$468.9	\$100.1	\$195.7	\$764.6	4.0%
Labor Income (in millions of dollars)	\$261.6	\$32.3	\$65.8	\$359.7	3.3%
Employment (jobs)	8,080	910	1,710	10,700	3.8%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$32.1	\$63.2	\$95.3	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	8,080	\$468.9
Real Estate Establishments	240	35.5
Imputed Rental Activity for Owner-Occupied Dwellings	0	30.8
Food Services and Drinking Places	290	17.3
Private Hospitals	110	16.3
Offices of Physicians, Dentists, and Other Health Care Providers	110	14.1
Wholesale Trade Businesses	40	8.3
Monetary Authorities and Depository Credit Institutions	30	7.1
Insurance Carriers	20	6.8
All Other Industries	1,780	159.5

Economic Impact Definitions

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Economic Impact of Long Term Care Facilities Arizona Congressional District 3

January, 2011

Long Term Care (LTC) facilities* support an estimated \$562.8 million (1.4%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
5,610 employees 1.1% of employment	7,510 employees 1.5% of employment	23

Labor Income

Direct	Total	Industry Rank
\$185.3 million 0.9% of labor income	\$263.4 million 1.3% of labor income	31

Economic Activity

Direct	Total	Industry Rank
\$329.8 million 0.8% of economic activity	\$562.8 million 1.4% of economic activity	43

Tax Revenue

State/Local	Federal	Total
\$24.2 million	\$46.1 million	\$70.3 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

Arizona Congressional District 3

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$329.8	\$84.8	\$148.2	\$562.8	1.4%
Labor Income (in millions of dollars)	\$185.3	\$27.8	\$50.4	\$263.4	1.3%
Employment (jobs)	5,610	680	1,220	7,510	1.5%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$24.2	\$46.1	\$70.3	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	5,610	\$329.8
Real Estate Establishments	170	24.7
Imputed Rental Activity for Owner-Occupied Dwellings	0	20.6
Food Services and Drinking Places	190	11.7
Wholesale Trade Businesses	50	11.0
Insurance Carriers	40	9.9
Private Hospitals	70	9.9
Offices of Physicians, Dentists, and Other Health Care Providers	70	9.2
Electric Power Generation, Transmission	10	8.0
All Other Industries	1,300	128.0

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

Economic Impact of Long Term Care Facilities Arizona Congressional District 4

January, 2011

Long Term Care (LTC) facilities* support an estimated \$316.5 million (0.7%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
3,400 employees 0.7% of employment	4,290 employees 0.8% of employment	43

Labor Income

Direct	Total	Industry Rank
\$112.3 million 0.5% of labor income	\$149.8 million 0.6% of labor income	50

Economic Activity

Direct	Total	Industry Rank
\$200.0 million 0.4% of economic activity	\$316.5 million 0.7% of economic activity	75

Tax Revenue

State/Local	Federal	Total
\$10.8 million	\$20.8 million	\$31.6 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

Arizona Congressional District 4

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$200.0	\$60.2	\$56.2	\$316.5	0.7%
Labor Income (in millions of dollars)	\$112.3	\$18.8	\$18.7	\$149.8	0.6%
Employment (jobs)	3,400	450	440	4,290	0.8%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$10.8	\$20.8	\$31.6	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	3,400	\$200.0
Real Estate Establishments	90	13.1
Imputed Rental Activity for Owner-Occupied Dwellings	0	7.1
Wholesale Trade Businesses	30	5.4
Insurance Carriers	20	4.9
Food Services and Drinking Places	80	4.8
Electric Power Generation, Transmission	10	3.8
Private Hospitals	30	3.8
Offices of Physicians, Dentists, and Other Health Care Providers	20	3.2
All Other Industries	610	70.4

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

Economic Impact of Long Term Care Facilities Arizona Congressional District 5

January, 2011

Long Term Care (LTC) facilities* support an estimated \$476.3 million (0.9%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
4,970 employees 0.8% of employment	6,460 employees 1.1% of employment	35

Labor Income

Direct	Total	Industry Rank
\$164.2 million 0.6% of labor income	\$224.8 million 0.8% of labor income	41

Economic Activity

Direct	Total	Industry Rank
\$292.3 million 0.5% of economic activity	\$476.3 million 0.9% of economic activity	53

Tax Revenue

State/Local	Federal	Total
\$19.2 million	\$39.7 million	\$58.9 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

Arizona Congressional District 5

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$292.3	\$77.3	\$106.7	\$476.3	0.9%
Labor Income (in millions of dollars)	\$164.2	\$25.3	\$35.3	\$224.8	0.8%
Employment (jobs)	4,970	630	870	6,460	1.1%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$19.2	\$39.7	\$58.9	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	4,970	\$292.3
Real Estate Establishments	140	20.3
Imputed Rental Activity for Owner-Occupied Dwellings	0	14.6
Wholesale Trade Businesses	50	9.2
Food Services and Drinking Places	140	9.0
Insurance Carriers	30	8.0
Offices of Physicians, Dentists, and Other Health Care Providers	50	6.4
Private Hospitals	40	5.5
Management - Scientific and Technical Consulting	40	4.4
All Other Industries	1,000	106.6

Economic Impact Definitions

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Economic Impact of Long Term Care Facilities Arizona Congressional District 6

January, 2011

Long Term Care (LTC) facilities* support an estimated \$419.0 million (1.9%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
4,480 employees 1.6% of employment	5,820 employees 2.0% of employment	14

Labor Income

Direct	Total	Industry Rank
\$147.9 million 1.2% of labor income	\$199.9 million 1.7% of labor income	19

Economic Activity

Direct	Total	Industry Rank
\$263.3 million 1.2% of economic activity	\$419.0 million 1.9% of economic activity	32

Tax Revenue

State/Local	Federal	Total
\$17.8 million	\$34.7 million	\$52.4 million

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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

Arizona Congressional District 6

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$263.3	\$54.4	\$101.3	\$419.0	1.9%
Labor Income (in millions of dollars)	\$147.9	\$18.3	\$33.7	\$199.9	1.7%
Employment (jobs)	4,480	490	860	5,820	2.0%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$17.8	\$34.7	\$52.4	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	4,480	\$263.3
Real Estate Establishments	130	19.2
Imputed Rental Activity for Owner-Occupied Dwellings	0	16.6
Food Services and Drinking Places	150	9.3
Offices of Physicians, Dentists, and Other Health Care Providers	60	7.5
Wholesale Trade Businesses	40	7.2
Private Hospitals	40	5.8
Nondepository Credit Intermediation	10	4.1
Monetary Authorities and Depository Credit Institutions	20	4.1
All Other Industries	890	81.9

Economic Impact Definitions

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Economic Impact of Long Term Care Facilities Arizona Congressional District 7

January, 2011

Long Term Care (LTC) facilities* support an estimated \$292.5 million (1.1%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
3,130 employees 0.9% of employment	4,090 employees 1.1% of employment	30

Labor Income

Direct	Total	Industry Rank
\$97.5 million 0.6% of labor income	\$132.6 million 0.9% of labor income	30

Economic Activity

Direct	Total	Industry Rank
\$176.6 million 0.6% of economic activity	\$292.5 million 1.1% of economic activity	55

Tax Revenue

State/Local	Federal	Total
\$11.5 million	\$20.1 million	\$31.7 million

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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

Arizona Congressional District 7

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$176.6	\$47.5	\$68.3	\$292.5	1.1%
Labor Income (in millions of dollars)	\$97.5	\$13.7	\$21.4	\$132.6	0.9%
Employment (jobs)	3,130	380	580	4,090	1.1%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$11.5	\$20.1	\$31.7	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	3,130	\$176.6
Real Estate Establishments	70	12.2
Imputed Rental Activity for Owner-Occupied Dwellings	0	9.4
Wholesale Trade Businesses	30	6.0
Food Services and Drinking Places	100	5.8
Private Hospitals	40	5.1
Electric Power Generation, Transmission	10	3.7
Offices of Physicians, Dentists, and Other Health Care Providers	30	3.2
Animal Slaughtering, Except Poultry	10	3.0
All Other Industries	670	67.5

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 Arizona Congressional District 8

January, 2011

Long Term Care (LTC) facilities* support an estimated \$791.1 million (3.1%) of the district's economic activity

Jobs

Direct	Total	Industry Rank
8,620 employees 2.4% of employment	11,500 employees 3.1% of employment	10

Labor Income

Direct	Total	Industry Rank
\$261.5 million 1.6% of labor income	\$363.5 million 2.3% of labor income	10

Economic Activity

Direct	Total	Industry Rank
\$474.7 million 1.9% of economic activity	\$791.1 million 3.1% of economic activity	19

Tax Revenue

State/Local	Federal	Total
\$34.0 million	\$58.3 million	\$92.2 million

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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

Arizona Congressional District 8

January, 2011

Estimated Impact	Direct	Indirect	Induced	Total	% of Total District Activity
Output (in millions of dollars)	\$474.7	\$117.9	\$198.5	\$791.1	3.1%
Labor Income (in millions of dollars)	\$261.5	\$37.3	\$64.7	\$363.5	2.3%
Employment (jobs)	8,620	1,030	1,850	11,500	3.1%
Estimated Impact		State/Local	Federal	Total	
Tax Revenue (in millions of dollars)		\$34.0	\$58.3	\$92.2	

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

Industry/Sector	Estimated Impact	
	Employment (jobs)	Economic Activity (in millions \$)
Nursing and Residential Care Facilities	8,620	\$474.7
Real Estate Establishments	200	36.1
Imputed Rental Activity for Owner-Occupied Dwellings	0	29.7
Food Services and Drinking Places	310	17.4
Offices of Physicians, Dentists, and Other Health Care Providers	110	13.8
Private Hospitals	90	11.1
Electric Power Generation, Transmission	20	10.5
Wholesale Trade Businesses	60	9.6
Management - Scientific and Technical Consulting	70	7.5
All Other Industries	2,020	180.7

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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%
Estimated Impact		State/Local	Federal	Total	
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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- **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.