Table 8.14: Aggregate Annual All-cause Direct and Indirect (Earnings Losses) of Musculoskeletal Conditions as a Proportion of Gross Domestic Product, United States 1996-2014.

In billion \$s		Aggregate Values in 2014 \$			% of GDP in 2014 \$		
		<u>Total</u>		<u>Total</u>	Total		<u>Total</u>
GDP [1]	GDP [1]	<u>Aggregate</u>	Total Indirect	Direct +	<u>Aggregate</u>	Total Indirect	Direct +
(current \$)	(in 2014 \$)	<u>Direct Cost</u>	<u>Costs</u>	<u>Indirect</u>	<u>Direct Cost</u>	<u>Costs</u>	<u>Indirect</u>
\$8,599.3	\$11,989.2	\$381.4	\$30.5	\$411.9	3.18%	0.25%	3.44%
\$9,119.4	\$12,537.8	\$393.6	\$64.7	\$458.3	3.14%	0.52%	3.66%
\$9,678.2	\$13,094.0	\$400.2	\$78.9	\$479.1	3.06%	0.60%	3.66%
\$10,189.1	\$13,516.9	\$433.5	\$68.5	\$502.0	3.21%	0.51%	3.71%
\$10,628.0	\$13,822.2	\$487.5	\$64.4	\$551.9	3.53%	0.47%	3.99%
\$11,036.7	\$14,080.1	\$552.7	\$79.1	\$631.8	3.93%	0.56%	4.49%
\$11,587.7	\$14,475.7	\$611.9	\$115.5	\$727.4	4.23%	0.80%	5.03%
\$12,293.1	\$14,956.1	\$641.3	\$135.3	\$776.7	4.29%	0.90%	5.19%
\$13,074.8	\$15,442.7	\$652.8	\$119.6	\$772.3	4.23%	0.77%	5.00%
\$13,809.1	\$15,841.0	\$683.6	\$111.8	\$795.5	4.32%	0.71%	5.02%
\$14,350.7	\$16,058.4	\$723.2	\$100.7	\$823.9	4.50%	0.63%	5.13%
\$14,538.3	\$15,987.6	\$783.8	\$96.1	\$880.0	4.90%	0.60%	5.50%
\$14,700.6	\$15,955.0	\$804.4	\$81.4	\$885.8	5.04%	0.51%	5.55%
\$14,967.0	\$16,022.2	\$837.1	\$81.6	\$918.7	5.22%	0.51%	5.73%
\$15,545.9	\$16,361.0	\$850.0	\$95.1	\$945.2	5.20%	0.58%	5.78%
\$16,121.6	\$16,660.2	\$866.5	\$96.7	\$963.2	5.20%	0.58%	5.78%
\$16,746.6	\$17,016.0	\$882.5	\$97.5	\$980.1	5.19%	0.57%	5.76%
	GDP [1] (current \$) \$8,599.3 \$9,119.4 \$9,678.2 \$10,189.1 \$10,628.0 \$11,036.7 \$11,587.7 \$12,293.1 \$13,074.8 \$13,809.1 \$14,350.7 \$14,538.3 \$14,700.6 \$14,967.0 \$15,545.9 \$16,121.6	GDP [1] GDP [1] (current \$) (in 2014 \$) \$8,599.3 \$11,989.2 \$9,119.4 \$12,537.8 \$9,678.2 \$13,094.0 \$10,189.1 \$13,516.9 \$10,628.0 \$13,822.2 \$11,036.7 \$14,080.1 \$11,587.7 \$14,475.7 \$12,293.1 \$14,956.1 \$13,074.8 \$15,442.7 \$13,809.1 \$15,841.0 \$14,350.7 \$16,058.4 \$14,700.6 \$15,955.0 \$14,967.0 \$16,022.2 \$15,545.9 \$16,361.0 \$16,121.6 \$16,660.2	GDP [1] GDP [1] Aggregate (current \$) (in 2014 \$) Direct Cost \$8,599.3 \$11,989.2 \$381.4 \$9,119.4 \$12,537.8 \$393.6 \$9,678.2 \$13,094.0 \$400.2 \$10,189.1 \$13,516.9 \$433.5 \$10,628.0 \$13,822.2 \$487.5 \$11,036.7 \$14,080.1 \$552.7 \$11,587.7 \$14,475.7 \$611.9 \$12,293.1 \$14,956.1 \$641.3 \$13,074.8 \$15,442.7 \$652.8 \$13,809.1 \$15,841.0 \$683.6 \$14,350.7 \$16,058.4 \$723.2 \$14,538.3 \$15,987.6 \$783.8 \$14,700.6 \$15,955.0 \$804.4 \$14,967.0 \$16,022.2 \$837.1 \$15,545.9 \$16,361.0 \$850.0 \$16,121.6 \$16,660.2 \$866.5	GDP [1] GDP [1] Aggregate Total Indirect (current \$) (in 2014 \$) Direct Cost Costs \$8,599.3 \$11,989.2 \$381.4 \$30.5 \$9,119.4 \$12,537.8 \$393.6 \$64.7 \$9,678.2 \$13,094.0 \$400.2 \$78.9 \$10,189.1 \$13,516.9 \$433.5 \$68.5 \$10,628.0 \$13,822.2 \$487.5 \$64.4 \$11,036.7 \$14,080.1 \$552.7 \$79.1 \$11,587.7 \$14,475.7 \$611.9 \$115.5 \$12,293.1 \$14,956.1 \$641.3 \$135.3 \$13,8074.8 \$15,442.7 \$652.8 \$119.6 \$13,809.1 \$15,841.0 \$683.6 \$111.8 \$14,350.7 \$16,058.4 \$723.2 \$100.7 \$14,538.3 \$15,987.6 \$783.8 \$96.1 \$14,700.6 \$15,955.0 \$804.4 \$81.4 \$14,967.0 \$16,022.2 \$837.1 \$81.6 \$15,545.9 \$16,660.2 \$866.5 \$96.7	GDP [1] GDP [1] Aggregate Total Indirect Direct + Direct	GDP [1] GDP [1] Aggregate Total Indirect Direct + Direct + Direct + Direct + Direct + Aggregate (current \$) (in 2014 \$) Direct Cost Costs Indirect Direct Cost \$8,599.3 \$11,989.2 \$381.4 \$30.5 \$411.9 3.18% \$9,119.4 \$12,537.8 \$393.6 \$64.7 \$458.3 3.14% \$9,678.2 \$13,094.0 \$400.2 \$78.9 \$479.1 3.06% \$10,189.1 \$13,516.9 \$433.5 \$68.5 \$502.0 3.21% \$10,628.0 \$13,822.2 \$487.5 \$64.4 \$551.9 3.53% \$11,036.7 \$14,080.1 \$552.7 \$79.1 \$631.8 3.93% \$11,587.7 \$14,475.7 \$611.9 \$115.5 \$727.4 4.23% \$12,293.1 \$14,956.1 \$641.3 \$135.3 \$776.7 4.29% \$13,074.8 \$15,442.7 \$652.8 \$119.6 \$772.3 4.23% \$14,350.7 \$16,058.4 \$723.2 \$100.7 \$823.9 4.50% <td>GDP [1] GDP [1] Aggregate (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Costs (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$) Costs (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$)</td>	GDP [1] GDP [1] Aggregate (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Indirect (current \$) Direct Cost (current \$) Costs (current \$) Costs (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$) Costs (current \$) Costs (current \$) Direct Cost (current \$) Costs (current \$)

[1] Source: http://www.bea.gov/national/xls/gdplev.xls, accessed 10/17/2016 and smoothed over three years.

^[2] Source: Current GDP multiplied by inflation factors calculated per http://meps.ahrq.gov/mepsweb/about_meps/Price_Index.shtml, accessed 10/3/2016.