U.S. businesses spend more than a billion dollars a week on the most disabling, nonfatal workplace injuries.

Whether you are a small business owner or a risk manager at a large corporation, you know the importance of safety in your workplace. The Liberty Mutual Workplace Safety Index helps employers, risk managers and safety practitioners make workplaces safer by identifying critical risk areas so that businesses can better allocate safety resources. Developed annually by the Liberty Mutual Research Institute for Safety, the index ranks the top 10 causes of serious, nonfatal workplace injuries and their direct costs to U.S. businesses.

According to the 2016 Liberty Mutual Workplace Safety Index, the most disabling, nonfatal workplace injuries amounted to nearly $62 billion in direct U.S. workers compensation costs. This translates into more than a billion dollars a week spent by businesses on these injuries.
Top 10 Injury Causes

Overexertion involving outside sources ranked first among the leading causes of disabling injury. This event category, which includes injuries related to lifting, pushing, pulling, holding, carrying or throwing objects, cost businesses $15.08 billion in direct costs and accounted for nearly a quarter of the overall national burden. Falls on same level ranked second with direct costs of $10.17 billion and accounted for 16.4 percent of the total injury burden. Falls to a lower level ranked third at $5.4 billion and 8.7 percent of the burden, and struck by object or equipment ranked fourth at $5.31 billion and 8.6 percent. Other exertions or bodily reactions ranked fifth at $4.15 billion and 6.7 percent of the total injury burden. These top five injury causes accounted for 64.8 percent of the total cost burden.

The remaining five injury causes combined accounted for 17.7 percent of the total direct cost of disabling injuries. These included: roadway incidents involving motorized land vehicle; slip or trip without fall; caught in/compressed by equipment or objects; struck against objects or equipment; and repetitive motions involving micro-tasks.

Direct costs of all disabling work-related injuries equaled $61.88 billion, with the top 10 causes comprising 82.5 percent — or $51.06 billion of the total cost burden.

Scientific Methodology

The Liberty Mutual Workplace Safety Index is developed based on information from Liberty Mutual, the U.S. Bureau of Labor Statistics (BLS), and the National Academy of Social Insurance. Liberty Mutual researchers examine BLS injury data to determine which events caused employees to miss six or more days of work and then rank those events by total workers compensation costs.

1 The 2016 Liberty Mutual Workplace Safety Index is based on 2013 injury data.
2 Based on release date changes, this year’s index is titled 2016 Liberty Mutual Workplace Safety Index and does not represent a break in the series.
3 Due to a new BLS coding system implemented in 2011, the latest index series (2013, 2014, 2016) is not directly comparable to the prior series (2000 – 2012).