An official website of the United States government. Here's how you know

WISQARS

Number of Injuries and Associated Costs

Export Data

Cost of Injury - Data Filters

Data Year: 2022 | **Injury Outcome:** Fatal | **Intent:** All Intents | **Mechanism:** All Injury | **Geography:** United States | **Sex:** All Sexes | **Age:** All Ages

Change Filters

Mechanism	Intent	Deaths	Medical Costs		Value of Statistical Life		Combined Costs	
			Total	Average	Total	Average	Total	Average
Cut/Pierce	Unintentional	201	$3.42 M	$16,998	$1.61 B	$8.01 M	$1.61 B	$8.03 M
	Homicide	1,800	$16.69 M	$9,273	$20.29 B	$11.27 M	$20.30 B	$11.28 M
	Suicide	970	$5.80 M	$5,977	$9.89 B	$10.19 M	$9.89 B	$10.20 M
	Undetermined	40	$430,096	$10,752	$433.20 M	$10.83 M	$433.63 M	$10.84 M
Drowning (includes water transport)	Unintentional	4,509	$44.53 M	$9,877	$50.64 B	$11.23 M	$50.68 B	$11.24 M
	Homicide	39	$437,758	$11,225	$673.50 M	$17.27 M	$673.94 M	$17.28 M
	Suicide	502	$2.45 M	$4,875	$5.23 B	$10.43 M	$5.24 B	$10.43 M
	Undetermined	334	$1.46 M	$4,383	$3.69 B	$11.05 M	$3.69 B	$11.05 M
Fall	Unintentional	46,630	$1.76 B	$37,757	$192.19 B	$4.12 M	$193.96 B	$4.16 M
	Homicide	10**	$362,719	$36,272	$96.10 M	$9.61 M	$96.46 M	$9.65 M
	Suicide	1,245	$7.48 M	$6,004	$13.39 B	$10.76 M	$13.40 B	$10.76 M
	Undetermined	99	$1.35 M	$13,626	$1.02 B	$10.28 M	$1.02 B	$10.29 M
Fire/Flame	Unintentional	3,478	$49.75 M	$14,303	$30.83 B	$8.87 M	$30.88 B	$8.88 M
	Homicide	93	$1.13 M	$12,128	$1.06 B	$11.35 M	$1.06 B	$11.37 M
	Suicide	193	$3.36 M	$17,404	$2.01 B	$10.41 M	$2.01 B	$10.42 M
	Undetermined	235	$2.08 M	$8,853	$2.46 B	$10.47 M	$2.46 B	$10.48 M
Hot object/Substance	Unintentional	93	$3.65 M	$39,245	$672.00 M	$7.23 M	$675.65 M	$7.27 M
	Homicide	--	$51,658	$17,219	$41.50 M	$13.83 M	$41.55 M	$13.85 M
	Undetermined	--	$42,988	$42,988	$18.30 M	$18.30 M	$18.34 M	$18.34 M
Firearm	Unintentional	463	$6.54 M	$14,130	$5.79 B	$12.51 M	$5.80 B	$12.52 M
	Homicide	19,651	$175.54 M	$8,933	$235.54 B	$11.99 M	$235.72 B	$12.00 M
	Legal Intervention	643	$4.65 M	$7,233	$7.36 B	$11.44 M	$7.36 B	$11.45 M
	Suicide	27,032	$107.75 M	$3,986	$267.42 B	$9.89 M	$267.53 B	$9.90 M
	Undetermined	415	$4.41 M	$10,618	$4.99 B	$12.02 M	$4.99 B	$12.03 M
Machinery	Unintentional	645	$7.26 M	$11,250	$5.88 B	$9.11 M	$5.88 B	$9.12 M
Natural/Environmental	Unintentional	3,140	$43.43 M	$13,833	$25.61 B	$8.15 M	$25.65 B	$8.17 M
Overexertion	Unintentional	28	$358,749	$12,812	$223.00 M	$7.96 M	$223.36 M	$7.98 M
Drug Poisoning	Unintentional	99,592	$721.54 M	$7,245	$1.13 T	$11.34 M	$1.13 T	$11.35 M
	Homicide	207	$1.62 M	$7,850	$2.85 B	$13.77 M	$2.85 B	$13.78 M
	Suicide	4,894	$50.44 M	$10,306	$50.86 B	$10.39 M	$50.92 B	$10.40 M
	Undetermined	3,248	$21.88 M	$6,738	$37.22 B	$11.46 M	$37.25 B	$11.47 M
Non-Drug Poisoning	Unintentional	3,366	$29.95 M	$8,899	$36.37 B	$10.80 M	$36.40 B	$10.81 M
	Homicide	--	$95,886	$13,698	$94.60 M	$13.51 M	$94.70 M	$13.53 M
	Suicide	1,256	$6.78 M	$5,399	$12.80 B	$10.19 M	$12.81 B	$10.20 M
	Undetermined	158	$1.52 M	$9,617	$1.67 B	$10.60 M	$1.68 B	$10.61 M
Struck by / against	Unintentional	936	$13.15 M	$14,051	$9.08 B	$9.70 M	$9.09 B	$9.71 M
	Homicide	243	$5.94 M	$24,461	$2.48 B	$10.23 M	$2.49 B	$10.25 M
	Suicide	--	$58,647	$19,549	$22.20 M	$7.40 M	$22.26 M	$7.42 M
	Undetermined	--	$57,616	$28,808	$18.10 M	$9.05 M	$18.16 M	$9.08 M

Mechanism	Intent	Deaths	Medical Costs		Value of Statistical Life		Combined Costs	
			Total	Average	Total	Average	Total	Average
Suffocation	Unintentional	7,416	$217.14 M	$29,279	$61.84 B	$8.34 M	$62.06 B	$8.37 M
	Homicide	375	$2.07 M	$5,521	$4.23 B	$11.29 M	$4.23 B	$11.29 M
	Suicide	12,247	$77.08 M	$6,294	$139.78 B	$11.41 M	$139.86 B	$11.42 M
	Undetermined	159	$1.45 M	$9,115	$2.41 B	$15.14 M	$2.41 B	$15.15 M
Motor vehicle, traffic	Unintentional	44,534	$605.71 M	$13,601	$470.78 B	$10.57 M	$471.39 B	$10.58 M
Pedal cyclist, other	Unintentional	432	$12.22 M	$28,288	$4.24 B	$9.82 M	$4.25 B	$9.85 M
Pedestrian, other	Unintentional	955	$9.71 M	$10,170	$10.29 B	$10.78 M	$10.30 B	$10.79 M
Transport, other land	Unintentional	1,301	$20.59 M	$15,830	$13.57 B	$10.43 M	$13.59 B	$10.45 M
	Homicide	101	$1.76 M	$17,377	$1.11 B	$11.02 M	$1.12 B	$11.04 M
	Suicide	169	$1.21 M	$7,143	$1.95 B	$11.51 M	$1.95 B	$11.52 M
	Undetermined	19**	$70,344	$3,702	$234.10 M	$12.32 M	$234.17 M	$12.32 M
Transport, other (excl. drown by water transp)	Unintentional	480	$2.55 M	$5,304	$5.06 B	$10.53 M	$5.06 B	$10.54 M
Other specified and classifiable	Unintentional	1,859	$48.26 M	$25,959	$18.75 B	$10.09 M	$18.80 B	$10.11 M
	Homicide	187	$6.14 M	$32,832	$2.84 B	$15.19 M	$2.85 B	$15.22 M
	Legal Intervention	19**	$19,589	$1,031	$201.90 M	$10.63 M	$201.92 M	$10.63 M
	Suicide	708	$3.24 M	$4,575	$8.24 B	$11.64 M	$8.24 B	$11.64 M
	Undetermined	37	$408,734	$11,047	$408.40 M	$11.04 M	$408.81 M	$11.05 M
Other specified / NEC	Unintentional	1,708	$59.85 M	$35,039	$12.67 B	$7.42 M	$12.73 B	$7.45 M
	Homicide	630	$20.48 M	$32,509	$7.15 B	$11.34 M	$7.17 B	$11.38 M
	Legal Intervention	153	$2.13 M	$13,945	$1.79 B	$11.72 M	$1.80 B	$11.73 M
	Suicide	155	$3.58 M	$23,067	$1.66 B	$10.74 M	$1.67 B	$10.76 M
	Undetermined	260	$6.83 M	$26,259	$2.67 B	$10.27 M	$2.68 B	$10.30 M
Unspecified	Unintentional	5,273	$235.56 M	$44,672	$27.03 B	$5.13 M	$27.26 B	$5.17 M
	Homicide	1,503	$32.68 M	$21,746	$17.20 B	$11.44 M	$17.23 B	$11.46 M
	Legal Intervention	--	$57,152	$28,576	$23.20 M	$11.60 M	$23.26 M	$11.63 M
	Suicide	102	$697,432	$6,838	$1.08 B	$10.61 M	$1.08 B	$10.62 M
	Undetermined	597	$15.17 M	$25,414	$6.45 B	$10.81 M	$6.47 B	$10.83 M

Notation: ** indicates unstable value (<20 deaths); -- indicates suppressed value (between one and nine deaths or nonfatal injury counts based on <20 unweighted count, <1,200 weighted count, or coefficient of variation of the estimate >30%);

Abbreviations: $B = Billions; $M = Millions; ED = Emergency department; NEC = Not elsewhere classified; MV = Motor vehicle

Currency year and time horizon: Costs are 2021 USD. Medical costs for injury deaths refer to medical care associated with the fatal event. Medical, work loss, and quality of life loss costs for nonfatal injuries refer to the 1 year following the ED injury visit.

Data sources:

- National Center for Health Statistics–CDC annual mortality data files for WISQARS Fatal data.
- National Electronic Injury Surveillance System–All Injury Program for WISQARS Nonfatal data, an estimated number of hospital visits for injury care that start in an emergency department based on a U.S. nationally representative probability sample of hospitals.
- Pacific Institute for Research and Evaluation (2020) for nonfatal injury quality of life loss.
- U.S. HHS Office of the Assistant Secretary for Planning and Evaluation (2016) for value of statistical life and monetized quality of life loss.
- Journal articles for fatal and nonfatal medical costs and nonfatal injury work loss costs by injury type, description of how costs were assigned to WISQARS injury records, and the history of WISQARS Cost of Injury data and methods.

Produced by: National Center for Injury Prevention and Control, CDC.