

SUPPLEMENTAL FILE

- S1. Emergency Department visits ending in injury fatality, HCUP NEDS, 2019-20
 - S2. Hospitalizations ending in injury fatality, HCUP NIS, 2019-20
 - S3. 1-year medical spending after nonfatal injuries: ED T&R, MarketScan, 2019-21
 - S4. 1-year medical spending after nonfatal injuries: Hospitalized, MarketScan, 2019-21
 - S5. 1-year work loss after nonfatal injuries: ED T&R, MarketScan 2019-21
 - S6. 1-year work loss after nonfatal injuries: Hospitalized, MarketScan 2019-21
 - S7. Medical spending: Nonfatal injury patients and control enrollees, MarketScan, 2019-21
 - S8. Work loss: Nonfatal injury patients and control enrollees, MarketScan, 2019-21
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ED T&R=ED treated & released

HCUP NEDS=Healthcare Cost and Utilization Project Nationwide Emergency Department Sample

HCUP NIS=Healthcare Cost and Utilization Project Nationwide Inpatient Sample

S1. ED visits for fatal injuries, HCUP NEDS 2019-20

Mechanism	Measure	Unintentional	Self-harm	Assault	Undetermined	Legal/war	Unknown	All intent
Cut/Pierce	No. records	119	29	150				302
	No. weighted	501	121	675				1,313
	Simple mean cost	\$5,684	\$6,331	\$5,557				\$5,683
	SE	549	869	550				400
	95% CI	4,564-6,805	3,564-9,098	4,443-6,670				4,889-6,476
	Adjusted mean cost	\$5,382	\$5,119	\$6,110				\$5,729
	SE	436	435	540				460
	95% CI	4,527-6,238	4,266-5,972	5,051-7,170				4,827-6,631
Drowning/Submersion	No. records	115			206			322
	No. weighted	509			885			1,400
	Simple mean cost	\$3,281			\$2,787			\$2,968
	SE	114			110			98
	95% CI	3,049-3,512			2,567-3,007			2,774-3,162
	Adjusted mean cost	\$3,027			\$2,945			\$2,975
	SE	175			159			149
	95% CI	2,683-3,371			2,633-3,257			2,683-3,267
Fall	No. records	1,980	28					2,015
	No. weighted	8,934	122					9,080
	Simple mean cost	\$4,846	\$6,763					\$4,871
	SE	138	997					141
	95% CI	4,574-5,118	4,324-9,203					4,593-5,149
	Adjusted mean cost	\$4,878	\$4,372					\$4,871
	SE	145	231					145
	95% CI	4,593-5,164	3,918-4,825					4,587-5,155
Fire/Burn	No. records	96						101
	No. weighted	422						445
	Simple mean cost	\$3,389						\$3,400
	SE	160						158
	95% CI	3,060-3,718						3,076-3,724
	Adjusted mean cost	\$3,396						\$3,384
	SE	218						216
	95% CI	2,968-3,823						2,960-3,807
Fire/Flame	No. records	91						93
	No. weighted	402						411
	Simple mean cost	\$3,369						\$3,395
	SE	175						178
	95% CI	3,006-3,732						3,028-3,762
	Adjusted mean cost	\$3,392						\$3,384
	SE	233						232
	95% CI	2,934-3,850						2,928-3,840
Hot Object/Substance	No. records							
	No. weighted							
	Simple mean cost							

	SE 95% CI Adjusted mean cost SE 95% CI							
Firearm	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	1,224 5,068 \$5,347 344 4,670-6,024 \$5,341 316 4,721-5,960	430 1,860 \$4,538 203 4,137-4,939 \$5,095 243 4,619-5,570	785 3,465 \$6,259 460 5,349-7,168 \$6,014 450 5,131-6,898	162 674 \$5,553 463 4,613-6,493 \$5,138 333 4,485-5,792	44 197 \$6,784 573 5,506-8,061 \$6,356 1,055 4,287-8,426		2,645 11,265 \$5,531 300 4,942-6,121 \$5,513 300 4,925-6,101
Machinery	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	27 117 \$4,485 116 4,116-4,854 \$4,532 746 3,068-5,996						27 117 \$4,485 116 4,116-4,854 \$4,532 746 3,068-5,996
Motor Vehicle Traffic	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	3,097 13,267 \$5,441 186 5,075-5,807 \$5,439 185 5,077-5,801						3,108 13,316 \$5,451 187 5,084-5,818 \$5,440 185 5,078-5,802
MVT-Occupant	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	1,888 8,119 \$5,164 192 4,786-5,542 \$5,157 194 4,777-5,538						1,890 8,129 \$5,163 192 4,785-5,541 \$5,158 194 4,778-5,538
MVT-Motorcyclist	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	544 2,334 \$5,463 291 4,889-6,037 \$5,453 298 4,869-6,037						544 2,334 \$5,463 291 4,889-6,037 \$5,453 298 4,869-6,037

MVT-Pedal cyclist	No. records	74						74
	No. weighted	319						319
	Simple mean cost	\$6,895						\$6,895
	SE	776						776
	95% CI	5,270-8,519						5,270-8,519
	Adjusted mean cost	\$6,867						\$6,867
	SE	795						795
	95% CI	5,308-8,426						5,308-8,426
MVT-Pedestrian	No. records	590						594
	No. weighted	2,490						2,505
	Simple mean cost	\$6,142						\$6,146
	SE	318						317
	95% CI	5,513-6,770						5,520-6,772
	Adjusted mean cost	\$6,104						\$6,111
	SE	303						304
	95% CI	5,509-6,698						5,514-6,707
MVT-Other	No. records							
	No. weighted							
	Simple mean cost							
	SE							
	95% CI							
	Adjusted mean cost							
	SE							
	95% CI							
MVT-Unspecified	No. records							
	No. weighted							
	Simple mean cost							
	SE							
	95% CI							
	Adjusted mean cost							
	SE							
	95% CI							
MV Non-Traffic	No. records	176						176
	No. weighted	783						783
	Simple mean cost	\$4,662						\$4,662
	SE	460						460
	95% CI	3,742-5,583						3,742-5,583
	Adjusted mean cost	\$4,696						\$4,696
	SE	538						538
	95% CI	3,641-5,751						3,641-5,751
Pedal cyclist, Other	No. records	32						32
	No. weighted	142						142
	Simple mean cost	\$6,698						\$6,698
	SE	286						286
	95% CI	3,070-10,326						3,070-10,326

	Adjusted mean cost SE 95% CI	\$6,673 1,186 4,347-8,999						\$6,673 1,186 4,347-8,999
Pedestrian, Other	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	142 602 \$4,775 405 3,943-5,607 \$4,720 425 3,885-5,554						142 602 \$4,775 405 3,943-5,607 \$4,720 425 3,885-5,554
Other Land Transport	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	67 307 \$4,299 260 3,699-4,898 \$4,291 447 3,414-5,169						69 316 \$4,291 254 3,716-4,867 \$4,282 445 3,409-5,155
Other Transport	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	29 153 \$4,793 320 4,035-5,551 \$4,838 628 3,606-6,070						29 153 \$4,793 320 4,035-5,551 \$4,838 628 3,606-6,070
Natural/Environmental	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	159 704 \$4,064 270 3,524-4,604 \$4,072 271 3,540-4,603						161 713 \$4,040 267 3,507-4,574 \$4,065 270 3,535-4,596
Bite And Stings-Nonvenomous	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI							
Bite And Stings-Venomous	No. records							

	No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI							
Natural/Environmental, Other	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	139 621 \$4,045 144 3,756-4,334 \$4,064 284 3,506-4,622						139 621 \$4,045 144 3,756-4,334 \$4,064 284 3,506-4,622
Overexertion	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI							
Poisoning	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	505 2,188 \$2,950 108 2,737-3,164 \$3,070 111 2,853-3,288	94 407 \$3,734 180 3,365-4,102 \$2,968 140 2,693-3,244		121 526 \$2,831 99 2,632-3,030 \$2,981 137 2,712-3,250			721 3,122 \$3,033 88 2,860-3,205 \$3,042 99 2,848-3,236
Poisoning: Drug	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	433 1,873 \$2,877 106 2,668-3,086 \$3,030 110 2,815-3,246	83 365 \$3,824 187 3,439-4,209 \$2,929 139 2,655-3,202		110 476 \$2,796 95 2,603-2,989 \$2,938 137 2,669-3,208			627 2,715 \$2,990 83 2,826-3,154 \$3,001 98 2,808-3,193
Poisoning: Non-Drug	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost	72 314 \$3,387 261 2,840-3,934 \$3,335			11 50 \$3,163 335 2,097-4,230 \$3,260			94 407 \$3,314 220 2,866-3,763 \$3,314

	SE 95% CI	291 2,764-3,907			303 2,667-3,854			285 2,755-3,873
Struck By/Against	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	130 583 \$4,127 402 3,308-4,946 \$3,642 501 2,660-4,625						189 832 \$3,704 416 2,869-4,539 \$3,782 526 2,751-4,814
Suffocation	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	286 1,305 \$3,433 132 3,172-3,694 \$3,286 131 3,028-3,544	184 838 \$2,772 101 2,571-2,972 \$3,049 160 2,735-3,363		82 364 \$3,124 129 2,859-3,389 \$3,057 200 2,666-3,449			554 2,516 \$3,169 115 2,943-3,396 \$3,174 128 2,923-3,426
Other Specified, Child/Adult Abuse	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI							
Other Specified, Foreign Body	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	247 1,136 \$3,185 113 2,962-3,408 \$3,196 124 2,952-3,439						247 1,136 \$3,185 113 2,962-3,408 \$3,196 124 2,952-3,439
Other Specified, Classifiable	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	82 366 \$3,243 221 2,784-3,702 \$3,254 274 2,716-3,791						88 394 \$3,291 209 2,859-3,722 \$3,278 279 2,732-3,825
Other Specified, NEC	No. records No. weighted Simple mean cost		34 156 \$3,048					46 206 \$2,935

	SE		158					146
	95% CI		2,544-3,553					2,559-3,311
	Adjusted mean cost		\$2,863					\$2,983
	SE		287					296
	95% CI		2,300-3,426					2,402-3,564
Unspecified	No. records	818	37	18				875
	No. weighted	3,611	159	80				3,857
	Simple mean cost	\$4,120	\$2,709	\$4,260				\$4,065
	SE	171	79	54				164
	95% CI	3,783-4,457	2,507-2,911	4,089-4,432				3,743-4,388
	Adjusted mean cost	\$4,034	\$3,832	\$4,337				\$4,033
	SE	158	232	287				158
	95% CI	3,725-4,343	3,376-4,288	3,774-4,900				3,724-4,342
External Cause Missing	No. records						1,254	1,254
	No. weighted						5,412	5,412
	Simple mean cost						\$4,798	\$4,798
	SE						276	276
	95% CI						4,255-5,341	4,255-5,341
	Adjusted mean cost						\$4,852	\$4,852
	SE						291	291
	95% CI						4,281-5,424	4,281-5,424
TBI	No. records	954	93	34	22		128	1,231
	No. weighted	4,197	399	128	87		552	5,363
	Simple mean cost	\$6,542	\$5,753	\$7,331	\$4,679		\$6,319	\$6,449
	SE	237	269	1,222	56		631	219
	95% CI	6,076-7,008	5,198-6,309	4,342-10,321	4,439-4,918		4,987-7,651	6,018-6,879
	Adjusted mean cost	\$5,069	\$5,049	\$5,506	\$4,824		\$4,861	\$5,052
	SE	141	224	381	298		294	134
	95% CI	4,792-5,345	4,610-5,488	4,759-6,253	4,239-5,410		4,283-5,438	4,790-5,314
Total	No. records	9,354	847	1,039	590	58	1,254	13,142
	No. weighted	40,805	3,718	4,580	2,527	254	5,412	57,296
	Simple mean cost	\$4,775	\$4,032	\$5,901	\$3,693	\$5,944	\$4,798	\$4,776
	SE	135	146	416	220	621	276	134
	95% CI	4,511-5,039	3,744-4,320	5,082-6,721	3,260-4,127	4,602-7,286	4,255-5,341	4,513-5,040
	Adjusted mean cost	\$4,758	\$4,205	\$5,877	\$3,647	\$5,839	\$4,852	\$4,777
	Adjusted SE	130	155	414	172	978	291	129
	Adjusted 95% CI	4,503-5,013	3,901-4,510	5,066-6,689	3,310-3,985	3,920-7,759	4,281-5,424	4,524-5,029

Estimate not reported if <11 records or relative standard error >30 percent or zero.

S2. Hospitalizations for fatal injuries, HCUP NEDS 2019-20

Mechanism	Measure	Unintentional	Self-harm	Assault	Undetermined	Legal/war	Unknown	All intent
Cut/Pierce	No. records	18	31	44				95
	No. weighted	91	156	222				479
	Simple mean cost	\$58,173	\$76,641	\$69,813				\$69,024
	SE	10,355	5,634	5,920				6,742
	95% CI	29,423-86,923	63,897-89,386	57,115-82,510				55,481-82,566
	Adjusted mean cost	\$71,094	\$57,372	\$93,667				\$76,794
	SE	9,111	7,238	12,043				9,346
	95% CI	53,231-88,958	43,181-71,564	70,055-117,279				58,470-95,119
Drowning/Submersion	No. records				60			68
	No. weighted				303			343
	Simple mean cost				\$34,191			\$33,827
	SE				2,470			2,228
	95% CI				29,081-39,300			29,263-38,392
	Adjusted mean cost				\$32,355			\$34,098
	SE				3,232			3,393
	95% CI				26,018-38,692			27,446-40,750
Fall	No. records	7,288	17					7,307
	No. weighted	36,770	86					36,866
	Simple mean cost	\$36,326	\$182,479					\$36,673
	SE	556	20,175					614
	95% CI	35,237-37,416	126,463-238,495					35,469-37,878
	Adjusted mean cost	\$36,305	\$38,137					\$36,312
	SE	549	2,353					551
	95% CI	35,228-37,382	33,524-42,750					35,232-37,392
Fire/Burn	No. records	180	17					201
	No. weighted	908	86					1,014
	Simple mean cost	\$130,364	\$73,500					\$123,493
	SE	14,907	26,719					13,524
	95% CI	100,698-160,030	4,816-142,185					96,622-150,365
	Adjusted mean cost	\$121,158	\$108,174					\$119,696
	SE	14,448	13,943					14,258
	95% CI	92,831-149,485	80,835-135,512					91,741-147,651
Fire/Flame	No. records	149	13					165
	No. weighted	752	66					832
	Simple mean cost	\$129,291	\$91,201					\$124,441
	SE	17,912	36,253					16,338
	95% CI	93,547-165,035	0-191,855					91,879-157,003
	Adjusted mean cost	\$124,033	\$116,434					\$122,973
	SE	16,823	16,855					16,660
	95% CI	91,048-157,017	83,387-149,482					90,308-155,638
Hot Object/Substance	No. records	31						36
	No. weighted	156						182
	Simple mean cost	\$135,521						\$119,149

	SE	24,113						20,518
	95% CI	82,449-188,594						75,142-163,155
	Adjusted mean cost	\$108,057						\$105,207
	SE	21,478						20,866
	95% CI	65,946-150,168						64,295-146,118
Firearm	No. records	320	453	319	47	14		1,153
	No. weighted	1,614	2,286	1,609	237	71		5,817
	Simple mean cost	\$47,927	\$29,121	\$60,161	\$30,025	\$76,911		\$43,546
	SE	5,178	1,961	4,849	2,297	9,918		2,361
	95% CI	37,693-58,162	25,260-32,982	50,587-69,736	25,157-34,894	45,349-108,473		38,907-48,184
	Adjusted mean cost	\$44,740	\$31,150	\$59,160	\$31,856	\$73,312		\$43,212
	SE	2,711	1,680	3,981	2,343	18,413		2,004
	95% CI	39,424-50,056	27,856-34,444	51,354-66,966	27,262-36,451	37,211-109,414		39,283-47,141
Machinery	No. records	16						16
	No. weighted	81						81
	Simple mean cost	\$65,815						\$65,815
	SE	9,599						9,599
	95% CI	41,139-90,491						41,139-90,491
	Adjusted mean cost	\$66,409						\$66,409
	SE	15,580						15,580
	95% CI	35,862-96,956						35,862-96,956
Motor Vehicle Traffic	No. records	2,356						2,363
	No. weighted	11,887						11,922
	Simple mean cost	\$64,264						\$64,230
	SE	1,811						1,806
	95% CI	60,709-67,819						60,683-67,776
	Adjusted mean cost	\$65,224						\$65,214
	SE	1,737						1,737
	95% CI	61,819-68,629						61,809-68,619
MVT-Occupant	No. records	1,427						1,428
	No. weighted	7,200						7,205
	Simple mean cost	\$62,378						\$62,384
	SE	1,803						1,802
	95% CI	58,837-65,919						58,844-65,923
	Adjusted mean cost	\$64,089						\$64,094
	SE	1,942						1,942
	95% CI	60,281-67,897						60,286-67,903
MVT-Motorcyclist	No. records	372						372
	No. weighted	1,877						1,877
	Simple mean cost	\$65,290						\$65,290
	SE	6,102						6,102
	95% CI	53,262-77,317						53,262-77,317
	Adjusted mean cost	\$63,543						\$63,543
	SE	4,358						4,358
	95% CI	54,998-72,088						54,998-72,088

MVT-Pedal cyclist	No. records	94						94
	No. weighted	474						474
	Simple mean cost	\$62,153						\$62,153
	SE	4,779						4,779
	95% CI	52,567-71,738						52,567-71,738
	Adjusted mean cost	\$61,218						\$61,218
	SE	4,802						4,802
	95% CI	51,803-70,633						51,803-70,633
MVT-Pedestrian	No. records	460						461
	No. weighted	2,321						2,326
	Simple mean cost	\$69,831						\$69,964
	SE	3,568						3,567
	95% CI	62,804-76,858						62,939-76,989
	Adjusted mean cost	\$71,314						\$71,347
	SE	3,549						3,549
	95% CI	64,356-78,273						64,387-78,306
MVT-Other	No. records							
	No. weighted							
	Simple mean cost							
	SE							
	95% CI							
	Adjusted mean cost							
	SE							
	95% CI							
MVT-Unspecified	No. records							
	No. weighted							
	Simple mean cost							
	SE							
	95% CI							
	Adjusted mean cost							
	SE							
	95% CI							
MV Non-Traffic	No. records	144						144
	No. weighted	727						727
	Simple mean cost	\$63,110						\$63,110
	SE	4,845						4,845
	95% CI	53,461-72,759						53,461-72,759
	Adjusted mean cost	\$62,950						\$62,950
	SE	4,434						4,434
	95% CI	54,257-71,644						54,257-71,644
Pedal cyclist, Other	No. records	34						34
	No. weighted	172						172
	Simple mean cost	\$67,121						\$67,121
	SE	9,520						9,520
	95% CI	46,168-88,074						46,168-88,074

	Adjusted mean cost	\$67,898						\$67,898
	SE	11,721						11,721
	95% CI	44,918-90,879						44,918-90,879
Pedestrian, Other	No. records	72						72
	No. weighted	363						363
	Simple mean cost	\$51,147						\$51,147
	SE	3,512						3,512
	95% CI	44,003-58,291						44,003-58,291
	Adjusted mean cost	\$53,669						\$53,669
	SE	4,962						4,962
	95% CI	43,939-63,398						43,939-63,398
Other Land Transport	No. records	43						47
	No. weighted	217						237
	Simple mean cost	\$52,434						\$53,402
	SE	5,683						5,440
	95% CI	40,244-64,624						41,924-64,880
	Adjusted mean cost	\$57,433						\$56,556
	SE	7,263						7,126
	95% CI	43,192-71,674						42,585-70,527
Other Transport	No. records	13						13
	No. weighted	66						66
	Simple mean cost	\$53,328						\$53,328
	SE	6,175						6,175
	95% CI	33,678-72,978						33,678-72,978
	Adjusted mean cost	\$51,962						\$51,962
	SE	6,738						6,738
	95% CI	38,752-65,172						38,752-65,172
Natural/Environmental	No. records	67						67
	No. weighted	338						338
	Simple mean cost	\$47,642						\$47,642
	SE	3,064						3,064
	95% CI	41,331-53,953						41,331-53,953
	Adjusted mean cost	\$45,895						\$45,895
	SE	5,177						5,177
	95% CI	35,745-56,044						35,745-56,044
Bite And Stings-Nonvenomous	No. records							
	No. weighted							
	Simple mean cost							
	SE							
	95% CI							
	Adjusted mean cost							
	SE							
	95% CI							
Bite And Stings-Venomous	No. records							

	No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI							
Natural/Environmental, Other	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	52 262 \$50,222 3,631 42,524-57,920 \$47,833 6,523 35,043-60,623						52 262 \$50,222 3,631 42,524-57,920 \$47,833 6,523 35,043-60,623
Overexertion	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	20 101 \$53,312 3,170 43,225-63,399 \$47,207 9,928 27,741-66,673						20 101 \$53,312 3,170 43,225-63,399 \$47,207 9,928 27,741-66,673
Poisoning	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	2,116 10,676 \$37,065 1,038 35,028-39,101 \$38,010 934 36,179-39,841	364 1,836 \$31,149 1,821 27,561-34,736 \$28,711 1,382 26,000-31,421		159 802 \$26,160 1,178 23,821-28,500 \$27,476 1,450 24,632-30,319			2,642 13,330 \$35,604 895 33,849-37,359 \$36,120 837 34,479-37,761
Poisoning: Drug	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	1,956 9,869 \$35,885 1,036 33,851-37,918 \$37,023 904 35,251-38,795	339 1,710 \$30,996 1,873 27,304-34,687 \$27,646 1,339 25,021-30,271		151 762 \$26,413 1,216 23,995-28,830 \$26,639 1,410 23,875-29,403			2,449 12,356 \$34,637 894 32,884-36,390 \$35,111 810 33,522-36,700
Poisoning: Non-Drug	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost	160 807 \$51,487 4,526 42,488-60,486 \$50,257	25 126 \$33,228 2,601 27,079-39,378 \$43,901					193 974 \$47,875 3,806 40,332-55,417 \$48,973

	SE	4,524	4,310				4,376
	95% CI	41,387-59,128	35,450-52,351				40,394-57,553
Struck By/Against	No. records	161		71			232
	No. weighted	812		358			1,171
	Simple mean cost	\$38,895		\$75,404			\$50,068
	SE	3,059		8,894			3,658
	95% CI	32,811-44,978		57,288-93,520			42,833-57,302
	Adjusted mean cost	\$39,529		\$68,164			\$48,292
	SE	2,744		5,956			3,264
	95% CI	34,149-44,909		56,486-79,842			41,893-54,692
Suffocation	No. records	493	282		20		799
	No. weighted	2,487	1,423		101		4,031
	Simple mean cost	\$55,476	\$32,260		\$53,860		\$47,127
	SE	3,504	1,621		13,470		2,414
	95% CI	48,582-62,369	29,062-35,459		23,390-84,330		42,384-51,870
	Adjusted mean cost	\$46,647	\$44,429		\$46,822		\$46,028
	SE	2,316	2,500		3,448		2,112
	95% CI	42,106-51,187	39,528-49,331		40,062-53,583		41,886-50,169
Other Specified, Child/Adult Abuse	No. records			101			101
	No. weighted			510			510
	Simple mean cost			\$60,643			\$60,643
	SE			12,545			12,545
	95% CI			35,458-85,828			35,458-85,828
	Adjusted mean cost			\$60,913			\$60,913
	SE			10,517			10,517
	95% CI			40,293-81,534			40,293-81,534
Other Specified, Foreign Body	No. records	176					176
	No. weighted	888					888
	Simple mean cost	\$40,860					\$40,860
	SE	3,273					3,273
	95% CI	34,364-47,356					34,364-47,356
	Adjusted mean cost	\$41,451					\$41,451
	SE	3,451					3,451
	95% CI	34,684-48,217					34,684-48,217
Other Specified, Classifiable	No. records	76					78
	No. weighted	383					394
	Simple mean cost	\$104,819					\$102,852
	SE	23,133					22,570
	95% CI	57,638-151,999					56,879-148,826
	Adjusted mean cost	\$103,864					\$104,169
	SE	21,332					21,406
	95% CI	62,039-145,689					62,199-146,140
Other Specified, NEC	No. records			14			29
	No. weighted			71			146
	Simple mean cost			\$45,929			\$69,193

	SE			6,093				3,521
	95% CI			29,011-62,848				60,868-77,518
	Adjusted mean cost			\$92,329				\$80,378
	SE			27,567				23,954
	95% CI			38,279-146,379				33,412-127,345
Unspecified	No. records	270	19	47				336
	No. weighted	1,362	96	237				1,695
	Simple mean cost	\$43,795	\$28,906	\$64,959				\$45,914
	SE	3,007		8,710				3,088
	95% CI	37,858-49,733		46,896-83,022				39,827-52,001
	Adjusted mean cost	\$44,351	\$40,245	\$66,174				\$47,172
	SE	3,193	3,597	6,713				3,443
	95% CI	38,091-50,612	33,193-47,298	53,013-79,336				40,421-53,923
External Cause Missing	No. records						1,682	1,682
	No. weighted						8,486	8,486
	Simple mean cost						\$59,969	\$59,969
	SE						2,845	2,845
	95% CI						54,383-65,556	54,383-65,556
	Adjusted mean cost						\$58,000	\$58,000
	SE						2,432	2,432
	95% CI						53,232-62,768	53,232-62,768
TBI	No. records	5,779	420	295	45		826	7,370
	No. weighted	29,157	2,119	1,488	227		4,167	37,184
	Simple mean cost	\$43,092	\$31,105	\$54,924	\$39,857		\$48,397	\$43,445
	SE	770	1,412	3,631	2,953		2,462	806
	95% CI	41,581-44,602	28,325-33,886	47,757-62,091	33,563-46,150		43,555-53,240	41,865-45,025
	Adjusted mean cost	\$46,593	\$32,601	\$64,331	\$36,471		\$59,746	\$47,952
	SE	750	1,657	3,861	2,770		2,555	755
	95% CI	45,123-48,063	29,351-35,850	56,760-71,902	31,041-41,902		54,737-64,755	46,472-49,432
Total	No. records	13,871	1,202	607	298	15	1,682	17,675
	No. weighted	69,983	6,064	3,062	1,503	76	8,486	89,175
	Simple mean cost	\$44,595	\$34,868	\$62,605	\$32,585	\$73,546	\$59,969	\$45,837
	SE	713	1,797	3,680	2,097	9,264	2,845	706
	95% CI	43,197-45,994	31,340-38,397	55,366-69,845	28,449-36,722	47,825-99,267	54,383-65,556	44,453-47,222
	Adjusted mean cost	\$44,454	\$35,905	\$64,804	\$31,787	\$81,213	\$58,000	\$45,678
	SE	634	1,402	3,804	1,543	20,809	2,432	626
	95% CI	43,210-45,698	33,156-38,653	57,346-72,262	28,761-34,812	40,413-122,013	53,232-62,768	44,451-46,905

Estimate not reported if <11 records or relative standard error >30 percent or zero.

S3. 1-year medical spending after nonfatal injuries: ED T&R, MarketScan 2019-21

Mechanism	Measure	Unintentional	Self-harm	Assault	Undetermined	Legal/war	Unknown	All intent
Cut/Pierce	No. enrollees: Injury	28,912	404	381	172			29,870
	No. enrollees: Control	138,999	1,735	1,690	813			143,238
	No. enrollees: Total	167,911	2,139	2,071	985			173,108
	Simple mean cost	\$6,548	\$9,121	\$9,037	\$8,010			\$6,618
	SE	40	450	454	632			39
	95% CI	6,470-6,626	8,238-10,004	8,146-9,927	6,769-9,251			6,540-6,695
	Estimated injury cost	\$4,641	\$5,628	\$7,408	\$5,190			\$4,689
	SE	36	76	111	103			36
	95% CI	4,571-4,710	5,479-5,777	7,191-7,625	4,988-5,392			4,619-4,760
Drowning/Submersion	No. enrollees: Injury	62			349			411
	No. enrollees: Control	302			1,679			1,981
	No. enrollees: Total	364			2,028			2,392
	Simple mean cost	\$6,031			\$3,575			\$3,949
	SE	720			224			220
	95% CI	4,616-7,447			3,137-4,014			3,518-4,379
	Estimated injury cost	\$3,499			\$2,475			\$2,630
	SE	206			142			150
	95% CI	3,095-3,902			2,197-2,752			2,336-2,925
Fall	No. enrollees: Injury	114,996			222			115,221
	No. enrollees: Control	538,011			1,083			539,102
	No. enrollees: Total	653,007			1,305			654,323
	Simple mean cost	\$8,686			\$4,348			\$8,677
	SE	24			348			24
	95% CI	8,639-8,733			3,665-5,031			8,631-8,724
	Estimated injury cost	\$6,916			\$3,213			\$6,909
	SE	38			62			37
	95% CI	6,843-6,990			3,092-3,334			6,836-6,982
Fire/Burn	No. enrollees: Injury	3,710	54		81			3,852
	No. enrollees: Control	17,634	206		378			18,250
	No. enrollees: Total	21,344	260		459			22,102
	Simple mean cost	\$6,933	\$9,827		\$9,560			\$7,029
	SE	118	1,438		1,030			118
	95% CI	6,702-7,165	6,996-12,658		7,535-11,584			6,799-7,259
	Estimated injury cost	\$5,140	\$6,205		\$6,442			\$5,177
	SE	91	130		162			92
	95% CI	4,961-5,318	5,950-6,461		6,124-6,760			4,997-5,357
Fire/Flame	No. enrollees: Injury	543			29			575
	No. enrollees: Control	2,586			131			2,731
	No. enrollees: Total	3,129			160			3,306
	Simple mean cost	\$7,646			\$8,215			\$7,652

	SE	332			1,544			323
	95% CI	6,996-8,296			5,166-11,264			7,020-8,284
	Estimated injury cost	\$5,466			\$4,764			\$5,426
	SE	241			226			240
	95% CI	4,993-5,940			4,322-5,206			4,957-5,896
Hot Object/Substance	No. enrollees: Injury	3,167	52		52			3,277
	No. enrollees: Control	15,048	197		247			15,519
	No. enrollees: Total	18,215	249		299			18,796
	Simple mean cost	\$6,811	\$10,193		\$10,279			\$6,919
	SE	126	1,497		1,349			126
	95% CI	6,564-7,058	7,245-13,141		7,625-12,933			6,672-7,166
	Estimated injury cost	\$5,081	\$6,308		\$7,318			\$5,131
	SE	97	140		193			98
	95% CI	4,890-5,272	6,033-6,583		6,940-7,696			4,938-5,323
Firearm	No. enrollees: Injury	966		178	41			1,187
	No. enrollees: Control	4,525		792	193			5,517
	No. enrollees: Total	5,491		970	234			6,704
	Simple mean cost	\$6,210		\$7,322	\$9,223			\$6,479
	SE	214		562	1,547			201
	95% CI	5,790-6,630		6,219-8,424	6,176-12,270			6,085-6,873
	Estimated injury cost	\$4,234		\$5,350	\$6,912			\$4,488
	SE	138		184	257			146
	95% CI	3,963-4,505		4,989-5,712	6,408-7,416			4,201-4,775
Machinery	No. enrollees: Injury	1,607						1,607
	No. enrollees: Control	7,818						7,818
	No. enrollees: Total	9,425						9,425
	Simple mean cost	\$7,809						\$7,809
	SE	182						182
	95% CI	7,452-8,167						7,452-8,167
	Estimated injury cost	\$5,469						\$5,469
Motor Vehicle Traffic	SE	135						135
	95% CI	5,204-5,734						5,204-5,734
	No. enrollees: Injury	30,990						31,029
	No. enrollees: Control	146,985						147,177
	No. enrollees: Total	177,975						178,206
MVT-Occupant	Simple mean cost	\$7,656						\$7,655
	SE	41						41
	95% CI	7,575-7,737						7,574-7,736
	Estimated injury cost	\$5,610						\$5,611
	SE	40						40
	95% CI	5,532-5,687						5,533-5,688
MVT-Occupant	No. enrollees: Injury	26,990						26,992

	No. enrollees: Control	127,801						127,811
	No. enrollees: Total	154,791						154,803
	Simple mean cost	\$7,784						\$7,784
	SE	45						45
	95% CI	7,696-7,871						7,696-7,871
	Estimated injury cost	\$5,748						\$5,748
	SE	42						42
	95% CI	5,666-5,831						5,665-5,831
MVT-Motorcyclist	No. enrollees: Injury	1,871						1,871
	No. enrollees: Control	9,066						9,066
	No. enrollees: Total	10,937						10,937
	Simple mean cost	\$7,112						\$7,112
	SE	159						159
	95% CI	6,801-7,423						6,801-7,423
	Estimated injury cost	\$4,878						\$4,878
	SE	114						114
	95% CI	4,654-5,101						4,654-5,101
MVT-Pedal cyclist	No. enrollees: Injury	1,412						1,412
	No. enrollees: Control	6,815						6,815
	No. enrollees: Total	8,227						8,227
	Simple mean cost	\$5,760						\$5,760
	SE	162						162
	95% CI	5,443-6,078						5,443-6,078
	Estimated injury cost	\$3,733						\$3,733
	SE	107						107
	95% CI	3,524-3,942						3,524-3,942
MVT-Pedestrian	No. enrollees: Injury	717						734
	No. enrollees: Control	3,303						3,386
	No. enrollees: Total	4,020						4,120
	Simple mean cost	\$8,093						\$8,061
	SE	288						284
	95% CI	7,527-8,658						7,505-8,617
	Estimated injury cost	\$6,346						\$6,339
	SE	239						238
	95% CI	5,878-6,814						5,872-6,807
MVT-Other	No. enrollees: Injury							
	No. enrollees: Control							
	No. enrollees: Total							
	Simple mean cost							
	SE							
	95% CI							
	Estimated injury cost							

	SE 95% CI							
MVT-Unspecified	No. enrollees: Injury No. enrollees: Control No. enrollees: Total Simple mean cost SE 95% CI Estimated injury cost SE 95% CI							
MV Non-Traffic	No. enrollees: Injury No. enrollees: Control No. enrollees: Total Simple mean cost SE 95% CI Estimated injury cost SE 95% CI	3,087 14,848 17,935 \$6,221 115 5,996-6,447 \$4,231 82 4,070-4,392						3,087 14,848 17,935 \$6,221 115 5,996-6,447 \$4,231 82 4,070-4,392
Pedal cyclist, Other	No. enrollees: Injury No. enrollees: Control No. enrollees: Total Simple mean cost SE 95% CI Estimated injury cost SE 95% CI	4,943 24,005 28,948 \$5,358 83 5,195-5,522 \$3,451 57 3,339-3,563						4,943 24,005 28,948 \$5,358 83 5,195-5,522 \$3,451 57 3,339-3,563
Pedestrian, Other	No. enrollees: Injury No. enrollees: Control No. enrollees: Total Simple mean cost SE 95% CI Estimated injury cost SE 95% CI	330 1,545 1,875 \$8,376 444 7,505-9,246 \$6,158 322 5,526-6,790						330 1,545 1,875 \$8,376 444 7,505-9,246 \$6,158 322 5,526-6,790
Other Land Transport	No. enrollees: Injury No. enrollees: Control No. enrollees: Total Simple mean cost	2,809 13,569 16,378 \$6,442						2,809 13,569 16,378 \$6,442

	SE	121						121
	95% CI	6,204-6,680						6,204-6,680
	Estimated injury cost	\$4,328						\$4,328
	SE	85						85
	95% CI	4,162-4,494						4,162-4,494
Other Transport	No. enrollees: Injury	393						393
	No. enrollees: Control	1,913						1,913
	No. enrollees: Total	2,306						2,306
	Simple mean cost	\$6,236						\$6,236
	SE	311						311
	95% CI	5,627-6,845						5,627-6,845
	Estimated injury cost	\$3,977						\$3,977
	SE	189						189
	95% CI	3,607-4,346						3,607-4,346
Natural/Environmental	No. enrollees: Injury	25,073			340			25,430
	No. enrollees: Control	119,175			1,575			120,834
	No. enrollees: Total	144,248			1,915			146,264
	Simple mean cost	\$6,914			\$7,540			\$6,923
	SE	44			398			44
	95% CI	6,827-7,000			6,760-8,319			6,837-7,009
	Estimated injury cost	\$5,152			\$6,149			\$5,165
	SE	41			123			41
	95% CI	5,071-5,233			5,908-6,390			5,084-5,246
Bite And Stings-Nonvenomous	No. enrollees: Injury	13,802						13,802
	No. enrollees: Control	65,874						65,874
	No. enrollees: Total	79,676						79,676
	Simple mean cost	\$6,569						\$6,569
	SE	58						58
	95% CI	6,456-6,681						6,456-6,681
	Estimated injury cost	\$4,792						\$4,792
	SE	48						48
	95% CI	4,697-4,886						4,697-4,886
Bite And Stings-Venomous	No. enrollees: Injury	9,137			340			9,494
	No. enrollees: Control	43,141			1,575			44,800
	No. enrollees: Total	52,278			1,915			54,294
	Simple mean cost	\$7,205			\$7,540			\$7,218
	SE	75			398			74
	95% CI	7,057-7,353			6,760-8,319			7,073-7,363
	Estimated injury cost	\$5,511			\$6,168			\$5,534
	SE	65			133			65
	95% CI	5,385-5,638			5,907-6,430			5,407-5,661

Natural/Environmental, Other	No. enrollees: Injury	2,134						2,134
	No. enrollees: Control	10,160						10,160
	No. enrollees: Total	12,294						12,294
	Simple mean cost	\$7,912						\$7,912
	SE	162						162
	95% CI	7,594-8,230						7,594-8,230
	Estimated injury cost	\$6,007						\$6,007
	SE	142						142
	95% CI	5,729-6,284						5,729-6,284
Overexertion	No. enrollees: Injury	22,512						22,512
	No. enrollees: Control	106,737						106,737
	No. enrollees: Total	129,249						129,249
	Simple mean cost	\$7,420						\$7,420
	SE	49						49
	95% CI	7,325-7,515						7,325-7,515
	Estimated injury cost	\$5,401						\$5,401
	SE	44						44
	95% CI	5,316-5,487						5,316-5,487
Poisoning	No. enrollees: Injury	15,360	3,640	93	881			19,974
	No. enrollees: Control	68,976	15,386	417	3,735			88,514
	No. enrollees: Total	84,336	19,026	510	4,616			108,488
	Simple mean cost	\$9,245	\$10,345	\$8,246	\$10,060			\$9,468
	SE	71	152	875	313			63
	95% CI	9,105-9,385	10,046-10,643	6,526-9,966	9,446-10,674			9,344-9,592
	Estimated injury cost	\$7,530	\$8,124	\$6,607	\$7,935			\$7,647
	SE	66	99	102	154			64
	95% CI	7,400-7,660	7,929-8,318	6,408-6,807	7,633-8,236			7,521-7,773
Poisoning: Drug	No. enrollees: Injury	11,412	3,514	30	679			15,635
	No. enrollees: Control	50,580	14,880	127	2,828			68,415
	No. enrollees: Total	61,992	18,394	157	3,507			84,050
	Simple mean cost	\$9,940	\$10,246	\$9,111	\$10,432			\$10,026
	SE	87	153	1,609	362			74
	95% CI	9,770-10,110	9,946-10,546	5,933-12,288	9,721-11,142			9,881-10,170
	Estimated injury cost	\$8,202	\$8,210	\$8,268	\$8,553			\$8,218
	SE	79	102	132	169			75
	95% CI	8,047-8,356	8,010-8,410	8,009-8,527	8,222-8,885			8,071-8,365
Poisoning: Non-Drug	No. enrollees: Injury	3,948	126	63	202			4,339
	No. enrollees: Control	18,396	506	290	907			20,099
	No. enrollees: Total	22,344	632	353	1,109			24,438
	Simple mean cost	\$7,318	\$13,206	\$7,861	\$8,887			\$7,550
	SE	119	1,067	1,044	621			117
	95% CI	7,084-7,552	11,111-15,302	5,808-9,914	7,668-10,105			7,320-7,779

	Estimated injury cost	\$5,687	\$8,927	\$5,592	\$6,046			\$5,785
	SE	94	176	116	145			95
	95% CI	5,503-5,870	8,582-9,271	5,364-5,819	5,763-6,330			5,599-5,972
Struck By/Against	No. enrollees: Injury	43,238		5,522	75	40		48,881
	No. enrollees: Control	206,534		24,777	353	172		231,854
	No. enrollees: Total	249,772		30,299	428	212		280,735
	Simple mean cost	\$5,604		\$8,298	\$7,588	\$9,034		\$5,902
	SE	30		110	833	1,508		30
	95% CI	5,545-5,663		8,083-8,513	5,952-9,225	6,062-12,007		5,844-5,960
	Estimated injury cost	\$3,910		\$6,519	\$5,348	\$6,581		\$4,197
	SE	27		85	105	800		28
	95% CI	3,857-3,964		6,352-6,686	5,142-5,554	5,013-8,150		4,141-4,252
Suffocation	No. enrollees: Injury	506	50	140				707
	No. enrollees: Control	2,322	211	632				3,217
	No. enrollees: Total	2,828	261	772				3,924
	Simple mean cost	\$11,144	\$9,942	\$7,004				\$10,164
	SE	464	1,295	548				364
	95% CI	10,234-12,054	7,393-12,492	5,928-8,079				9,451-10,877
	Estimated injury cost	\$8,602	\$7,568	\$6,031				\$7,949
	SE	306	280	223				282
	95% CI	8,003-9,202	7,019-8,118	5,593-6,469				7,397-8,501
Other Specified, Child/Adult Abuse	No. enrollees: Injury			5,534				5,534
	No. enrollees: Control			25,048				25,048
	No. enrollees: Total			30,582				30,582
	Simple mean cost			\$6,720				\$6,720
	SE			97				97
	95% CI			6,529-6,910				6,529-6,910
	Estimated injury cost			\$5,122				\$5,122
	SE			75				75
	95% CI			4,975-5,270				4,975-5,270
Other Specified, Foreign Body	No. enrollees: Injury	26,397						26,397
	No. enrollees: Control	125,234						125,234
	No. enrollees: Total	151,631						151,631
	Simple mean cost	\$5,910						\$5,910
	SE	41						41
	95% CI	5,831-5,990						5,831-5,990
	Estimated injury cost	\$4,287						\$4,287
	SE	35						35
	95% CI	4,219-4,355						4,219-4,355
Other Specified, Classifiable	No. enrollees: Injury	8,048		44				8,118
	No. enrollees: Control	38,523		206				38,844
	No. enrollees: Total	46,571		250				46,962

	Simple mean cost	\$5,957		\$8,786				\$5,968
	SE	73		1,339				72
	95% CI	5,814-6,099		6,148-11,424				5,826-6,110
	Estimated injury cost	\$4,161		\$5,784				\$4,172
	SE	56		107				56
	95% CI	4,052-4,270		5,573-5,994				4,063-4,282
Other Specified, NEC	No. enrollees: Injury		74	263	265			616
	No. enrollees: Control		336	1,181	1,213			2,792
	No. enrollees: Total		410	1,444	1,478			3,408
	Simple mean cost		\$8,714	\$8,699	\$6,957			\$7,918
	SE		1,021	519	475			328
	95% CI		6,707-10,722	7,680-9,718	6,026-7,889			7,274-8,562
	Estimated injury cost		\$4,336	\$7,545	\$4,705			\$5,879
	SE		201	343	221			261
	95% CI		3,943-4,729	6,874-8,217	4,273-5,138			5,367-6,391
Unspecified	No. enrollees: Injury	24,571	728	1,207				26,511
	No. enrollees: Control	115,210	2,966	5,415				123,616
	No. enrollees: Total	139,781	3,694	6,622				150,127
	Simple mean cost	\$7,654	\$10,981	\$9,196				\$7,804
	SE	49	371	248				48
	95% CI	7,558-7,749	10,253-11,708	8,709-9,683				7,711-7,897
	Estimated injury cost	\$5,680	\$8,112	\$7,538				\$5,822
	SE	44	109	109				45
	95% CI	5,594-5,767	7,898-8,326	7,324-7,752				5,734-5,911
External Cause Missing	No. enrollees: Injury						516,499	516,499
	No. enrollees: Control						2,410,363	2,410,363
	No. enrollees: Total						2,926,862	2,926,862
	Simple mean cost						\$7,497	\$7,497
	SE						11	11
	95% CI						7,477-7,518	7,477-7,518
	Estimated injury cost						\$5,921	\$5,921
	SE						28	28
	95% CI						5,866-5,976	5,866-5,976
TBI	No. enrollees: Injury	10,584		631			14,559	25,792
	No. enrollees: Control	50,630		2,818			68,867	122,402
	No. enrollees: Total	61,214		3,449			83,426	148,194
	Simple mean cost	\$6,390		\$7,834			\$6,319	\$6,384
	SE	64		318			55	41
	95% CI	6,265-6,515		7,210-8,458			6,211-6,427	6,303-6,465
	Estimated injury cost	\$4,420		\$6,151			\$4,538	\$4,529
	SE	21		70			21	20
	95% CI	4,378-4,461		6,014-6,288			4,497-4,579	4,489-4,569

Total	No. enrollees: Injury	358,510	4,968	13,404	2,468	69	516,499	895,918
	No. enrollees: Control	1,692,865	20,910	60,360	11,223	295	2,410,363	4,196,016
	No. enrollees: Total	2,051,375	25,878	73,764	13,691	364	2,926,862	5,091,934
	Simple mean cost	\$7,412	\$10,304	\$7,727	\$7,544	\$8,054	\$7,497	\$7,481
	SE	12	132	68	156	996	11	8
	95% CI	7,388-7,436	10,045-10,563	7,594-7,860	7,238-7,850	6,096-10,013	7,477-7,518	7,465-7,496
	Estimated injury cost	\$5,589	\$7,903	\$6,051	\$5,697	\$6,016	\$5,921	\$5,798
	SE	27	93	62	104	729	28	27
	95% CI	5,536-5,641	7,721-8,085	5,929-6,172	5,492-5,901	4,586-7,446	5,866-5,976	5,746-5,851

Estimate not reported if <20 enrollees with injuries or 95% CI for the injury marginal effect included 0.

S4. 1-year medical spending after nonfatal injuries: Hospitalized, MarketScan 2019-21

Mechanism	Measure	Unintentional	Self-harm	Assault	Undetermined	Legal/war	Unknown	All intent
Cut/Pierce	No. enrollees: Injury	166	148	39				356
	No. enrollees: Control	775	639	171				1,598
	No. enrollees: Total	941	787	210				1,954
	Simple mean cost	\$14,166	\$15,369	\$14,537				\$14,719
	SE	833	944	1,813				590
	95% CI	12,530-15,802	13,515-17,222	10,962-18,112				13,563-15,875
	Estimated injury cost	\$37,091	\$40,757	\$49,037				\$39,782
	SE	1,615	1,782	3,090				1,710
	95% CI	33,926-40,256	37,264-44,249	42,980-55,093				36,431-43,132
Drowning/Submersion	No. enrollees: Injury				53			53
	No. enrollees: Control				255			255
	No. enrollees: Total				308			308
	Simple mean cost				\$11,033			\$11,033
	SE				1,446			1,446
	95% CI				8,189-13,878			8,189-13,878
	Estimated injury cost				\$21,061			\$21,061
	SE				2,701			2,701
	95% CI				15,768-26,355			15,768-26,355
Fall	No. enrollees: Injury	6,124						6,135
	No. enrollees: Control	27,113						27,166
	No. enrollees: Total	33,237						33,301
	Simple mean cost	\$20,227						\$20,220
	SE	171						170
	95% CI	19,893-20,561						19,886-20,554
	Estimated injury cost	\$62,640						\$62,576
	SE	782						781
	95% CI	61,107-64,174						61,045-64,107
Fire/Burn	No. enrollees: Injury	241	43					293
	No. enrollees: Control	1,102	184					1,327
	No. enrollees: Total	1,343	227					1,620
	Simple mean cost	\$15,101	\$13,824					\$15,005
	SE	787	1,607					704
	95% CI	13,556-16,645	10,658-16,991					13,623-16,386
	Estimated injury cost	\$37,717	\$42,632					\$38,566
	SE	2,146	2,467					2,190
	95% CI	33,511-41,923	37,797-47,467					34,274-42,858
Fire/Flame	No. enrollees: Injury	91						97
	No. enrollees: Control	412						438
	No. enrollees: Total	503						535
	Simple mean cost	\$17,019						\$17,363
	SE	1,396						1,368
	95% CI	14,276-19,761						14,675-20,051
	Estimated injury cost	\$47,925						\$48,121

	SE 95% CI	5,354 37,431-58,419						5,374 37,587-58,654
Hot Object/Substance	No. enrollees: Injury	150	42					196
	No. enrollees: Control	690	179					889
	No. enrollees: Total	840	221					1,085
	Simple mean cost	\$13,952	\$13,337					\$13,842
	SE	940	1,589					805
	95% CI	12,108-15,797	10,205-16,469					12,263-15,421
	Estimated injury cost	\$32,128	\$40,611					\$34,103
	SE	2,047	2,616					2,167
	95% CI	28,117-36,139	35,483-45,740					29,856-38,351
Firearm	No. enrollees: Injury	332		72				431
	No. enrollees: Control	1,450		334				1,905
	No. enrollees: Total	1,782		406				2,336
	Simple mean cost	\$17,711		\$15,960				\$17,540
	SE	790		1,508				682
	95% CI	16,163-19,260		12,995-18,926				16,202-18,878
	Estimated injury cost	\$36,096		\$38,510				\$36,703
	SE	1,522		2,236				1,508
	95% CI	33,114-39,078		34,127-42,893				33,747-39,659
Machinery	No. enrollees: Injury	38						38
	No. enrollees: Control	188						188
	No. enrollees: Total	226						226
	Simple mean cost	\$14,948						\$14,948
	SE	1,891						1,891
	95% CI	11,221-18,675						11,221-18,675
	Estimated injury cost	\$36,561						\$36,561
	SE	5,256						5,256
	95% CI	26,259-46,862						26,259-46,862
Motor Vehicle Traffic	No. enrollees: Injury	2,825						2,833
	No. enrollees: Control	13,286						13,323
	No. enrollees: Total	16,111						16,156
	Simple mean cost	\$18,305						\$18,298
	SE	261						260
	95% CI	17,794-18,817						17,788-18,809
	Estimated injury cost	\$41,370						\$41,401
	SE	646						647
	95% CI	40,103-42,636						40,134-42,669
MVT-Occupant	No. enrollees: Injury	1,962						1,963
	No. enrollees: Control	9,180						9,183
	No. enrollees: Total	11,142						11,146
	Simple mean cost	\$18,331						\$18,326
	SE	312						312
	95% CI	17,719-18,942						17,715-18,938
	Estimated injury cost	\$42,418						\$42,414

	SE 95% CI	787 40,876-43,959						786 40,872-43,955
MVT-Motorcyclist	No. enrollees: Injury	557						557
	No. enrollees: Control	2,697						2,697
	No. enrollees: Total	3,254						3,254
	Simple mean cost	\$18,505						\$18,505
	SE	594						594
	95% CI	17,342-19,669						17,342-19,669
	Estimated injury cost	\$38,873						\$38,873
MVT-Pedal cyclist	SE	1,292						1,292
	95% CI	36,340-41,406						36,340-41,406
	No. enrollees: Injury	164						164
	No. enrollees: Control	788						788
	No. enrollees: Total	952						952
	Simple mean cost	\$15,456						\$15,456
	SE	954						954
MVT-Pedestrian	95% CI	13,584-17,328						13,584-17,328
	Estimated injury cost	\$34,413						\$34,413
	SE	2,245						2,245
	95% CI	30,012-38,814						30,012-38,814
	No. enrollees: Injury	142						143
	No. enrollees: Control	621						625
	No. enrollees: Total	763						768
MVT-Other	Simple mean cost	\$20,642						\$20,679
	SE	1,321						1,314
	95% CI	18,049-23,236						18,099-23,258
	Estimated injury cost	\$46,228						\$46,681
	SE	3,113						3,143
	95% CI	40,127-52,329						40,521-52,840
	No. enrollees: Injury							
MVT-Unspecified	No. enrollees: Control							
	No. enrollees: Total							
	Simple mean cost							
	SE							
	95% CI							
	Estimated injury cost							
	SE							
	95% CI							

	SE 95% CI							
MV Non-Traffic	No. enrollees: Injury	433						433
	No. enrollees: Control	2,071						2,071
	No. enrollees: Total	2,504						2,504
	Simple mean cost	\$16,072						\$16,072
	SE	620						620
	95% CI	14,857-17,287						14,857-17,287
	Estimated injury cost	\$32,819						\$32,819
	SE	1,386						1,386
	95% CI	30,103-35,534						30,103-35,534
Pedal cyclist, Other	No. enrollees: Injury	250						250
	No. enrollees: Control	1,215						1,215
	No. enrollees: Total	1,465						1,465
	Simple mean cost	\$14,846						\$14,846
	SE	729						729
	95% CI	13,416-16,277						13,416-16,277
	Estimated injury cost	\$34,101						\$34,101
	SE	1,927						1,927
	95% CI	30,324-37,877						30,324-37,877
Pedestrian, Other	No. enrollees: Injury	61						61
	No. enrollees: Control	281						281
	No. enrollees: Total	342						342
	Simple mean cost	\$15,977						\$15,977
	SE	1,720						1,720
	95% CI	12,594-19,361						12,594-19,361
	Estimated injury cost	\$32,513						\$32,513
	SE	3,761						3,761
	95% CI	25,141-39,885						25,141-39,885
Other Land Transport	No. enrollees: Injury	346						346
	No. enrollees: Control	1,665						1,665
	No. enrollees: Total	2,011						2,011
	Simple mean cost	\$16,371						\$16,371
	SE	684						684
	95% CI	15,029-17,713						15,029-17,713
	Estimated injury cost	\$36,003						\$36,003
	SE	1,667						1,667
	95% CI	32,736-39,269						32,736-39,269
Other Transport	No. enrollees: Injury	43						43
	No. enrollees: Control	207						207
	No. enrollees: Total	250						250
	Simple mean cost	\$15,339						\$15,339
	SE	1,909						1,909
	95% CI	11,579-19,100						11,579-19,100
	Estimated injury cost	\$26,773						\$26,773

	SE	2,923						2,923
	95% CI	21,044-32,502						21,044-32,502
Natural/Environmental	No. enrollees: Injury	372						375
	No. enrollees: Control	1,781						1,796
	No. enrollees: Total	2,153						2,171
	Simple mean cost	\$13,370						\$13,316
	SE	548						545
	95% CI	12,294-14,445						12,248-14,385
	Estimated injury cost	\$34,643						\$34,503
	SE	1,545						1,539
	95% CI	31,616-37,671						31,487-37,518
Bite And Stings-Nonvenomous	No. enrollees: Injury	146						146
	No. enrollees: Control	705						705
	No. enrollees: Total	851						851
	Simple mean cost	\$12,762						\$12,762
	SE	786						786
	95% CI	11,220-14,304						11,220-14,304
	Estimated injury cost	\$35,836						\$35,836
	SE	2,461						2,461
	95% CI	31,013-40,659						31,013-40,659
Bite And Stings-Venomous	No. enrollees: Injury	154						157
	No. enrollees: Control	734						749
	No. enrollees: Total	888						906
	Simple mean cost	\$12,221						\$12,116
	SE	853						840
	95% CI	10,547-13,895						10,468-13,764
	Estimated injury cost	\$28,506						\$28,241
	SE	2,063						2,044
	95% CI	24,462-32,549						24,234-32,248
Natural/Environmental, Other	No. enrollees: Injury	72						72
	No. enrollees: Control	342						342
	No. enrollees: Total	414						414
	Simple mean cost	\$17,081						\$17,081
	SE	1,463						1,463
	95% CI	14,205-19,957						14,205-19,957
	Estimated injury cost	\$46,525						\$46,525
	SE	4,455						4,455
	95% CI	37,793-55,257						37,793-55,257
Overexertion	No. enrollees: Injury	153						153
	No. enrollees: Control	709						709
	No. enrollees: Total	862						862
	Simple mean cost	\$18,178						\$18,178
	SE	987						987
	95% CI	16,241-20,114						16,241-20,114

	Estimated injury cost	\$54,272						\$54,272
	SE	3,381						3,381
	95% CI	47,645-60,899						47,645-60,899
Poisoning	No. enrollees: Injury	2,669	4,583		221			7,487
	No. enrollees: Control	11,272	19,659		948			31,944
	No. enrollees: Total	13,941	24,242		1,169			39,431
	Simple mean cost	\$20,601	\$14,518		\$16,604			\$16,738
	SE	271	163		807			142
	95% CI	20,070-21,133	14,198-14,837		15,020-18,187			16,461-17,016
	Estimated injury cost	\$68,500	\$43,198		\$53,026			\$52,462
	SE	1,036	576		1,996			655
	95% CI	66,470-70,529	42,069-44,327		49,114-56,938			51,178-53,745
Poisoning: Drug	No. enrollees: Injury	2,383	4,448		197			7,041
	No. enrollees: Control	10,020	19,071		845			29,996
	No. enrollees: Total	12,403	23,519		1,042			37,037
	Simple mean cost	\$20,859	\$14,465		\$16,753			\$16,679
	SE	289	165		851			146
	95% CI	20,292-21,425	14,142-14,788		15,083-18,424			16,394-16,965
	Estimated injury cost	\$70,120	\$43,028		\$53,487			\$52,422
	SE	1,087	580		2,021			668
	95% CI	67,989-72,251	41,892-44,164		49,526-57,448			51,112-53,732
Poisoning: Non-Drug	No. enrollees: Injury	286	135		24			446
	No. enrollees: Control	1,252	588		103			1,948
	No. enrollees: Total	1,538	723		127			2,394
	Simple mean cost	\$18,528	\$16,230		\$15,378			\$17,649
	SE	778	1,032		2,536			604
	95% CI	17,003-20,054	14,204-18,256		10,360-20,397			16,464-18,834
	Estimated injury cost	\$55,818	\$47,822		\$49,707			\$53,077
	SE	2,337	2,047		2,721			2,210
	95% CI	51,238-60,398	43,811-51,834		44,373-55,041			48,745-57,409
Struck By/Against	No. enrollees: Injury	402		125				533
	No. enrollees: Control	1,862		555				2,445
	No. enrollees: Total	2,264		680				2,978
	Simple mean cost	\$13,878		\$17,920				\$14,813
	SE	540		1,165				493
	95% CI	12,820-14,936		15,634-20,207				13,846-15,780
	Estimated injury cost	\$35,430		\$48,183				\$38,567
	SE	1,466		2,609				1,526
	95% CI	32,557-38,303		43,070-53,296				35,576-41,558
Suffocation	No. enrollees: Injury	81	63					148
	No. enrollees: Control	337	292					645
	No. enrollees: Total	418	355					793
	Simple mean cost	\$23,983	\$16,182					\$20,259
	SE	1,874	1,557					1,223
	95% CI	20,299-27,668	13,120-19,244					17,859-22,660

	Estimated injury cost	\$75,405	\$43,355					\$59,984
	SE	5,323	3,059					4,213
	95% CI	64,972-85,837	37,360-49,351					51,727-68,242
Other Specified, Child/Adult Abuse	No. enrollees: Injury			173				173
	No. enrollees: Control			727				727
	No. enrollees: Total			900				900
	Simple mean cost			\$16,554				\$16,554
	SE			1,057				1,057
	95% CI			14,481-18,628				14,481-18,628
	Estimated injury cost			\$45,851				\$45,851
	SE			3,053				3,053
	95% CI			39,868-51,835				39,868-51,835
Other Specified, Foreign Body	No. enrollees: Injury	366						366
	No. enrollees: Control	1,637						1,637
	No. enrollees: Total	2,003						2,003
	Simple mean cost	\$16,886						\$16,886
	SE	663						663
	95% CI	15,586-18,185						15,586-18,185
	Estimated injury cost	\$50,784						\$50,784
	SE	2,423						2,423
	95% CI	46,036-55,532						46,036-55,532
Other Specified, Classifiable	No. enrollees: Injury	139						142
	No. enrollees: Control	647						662
	No. enrollees: Total	786						804
	Simple mean cost	\$15,299						\$15,279
	SE	1,069						1,050
	95% CI	13,201-17,397						13,218-17,340
	Estimated injury cost	\$33,346						\$33,828
	SE	2,526						2,562
	95% CI	28,396-38,296						28,806-38,849
Other Specified, NEC	No. enrollees: Injury							28
	No. enrollees: Control							119
	No. enrollees: Total							147
	Simple mean cost							\$15,433
	SE							2,212
	95% CI							11,062-19,805
	Estimated injury cost							\$43,157
	SE							6,282
	95% CI							30,843-55,470
Unspecified	No. enrollees: Injury	332	730	59				1,121
	No. enrollees: Control	1,500	3,103	263				4,866
	No. enrollees: Total	1,832	3,833	322				5,987
	Simple mean cost	\$17,542	\$12,683	\$15,788				\$14,337
	SE	700	381	1,466				335
	95% CI	16,168-18,916	11,936-13,431	12,904-18,673				13,679-14,995

	Estimated injury cost	\$44,867	\$35,946	\$44,626			\$39,139
	SE	1,183	920	2,387			974
	95% CI	42,550-47,185	34,143-37,749	39,948-49,304			37,231-41,047
External Cause Missing	No. enrollees: Injury					11,178	11,178
	No. enrollees: Control					49,724	49,724
	No. enrollees: Total					60,902	60,902
	Simple mean cost					\$19,249	\$19,249
	SE					129	129
	95% CI					18,997-19,502	18,997-19,502
	Estimated injury cost					\$55,749	\$55,749
TBI	SE					581	581
	95% CI					54,609-56,888	54,609-56,888
	No. enrollees: Injury	1,667		65		1,280	3,030
	No. enrollees: Control	7,603		298		5,747	13,730
	No. enrollees: Total	9,270		363		7,027	16,760
	Simple mean cost	\$18,567		\$15,712		\$19,651	\$18,951
	SE	332		1,514		391	249
Total	95% CI	17,916-19,217		12,736-18,689		18,885-20,417	18,463-19,439
	Estimated injury cost	\$49,054		\$40,750		\$54,671	\$51,241
	SE	482		1,756		557	431
	95% CI	48,109-49,999		37,308-44,193		53,579-55,762	50,397-52,085
	No. enrollees: Injury	15,373	5,597	493	332	11,178	32,976
	No. enrollees: Control	69,098	24,012	2,161	1,469	49,724	146,475
	No. enrollees: Total	84,471	29,609	2,654	1,801	60,902	179,451
Total	Simple mean cost	\$18,836	\$14,336	\$16,633	\$15,464	\$19,249	\$18,168
	SE	108	147	583	651	129	72
	95% CI	18,625-19,047	14,048-14,624	15,490-17,775	14,186-16,741	18,997-19,502	18,026-18,309
	Estimated injury cost	\$53,619	\$42,145	\$46,156	\$44,019	\$55,749	\$52,246
	SE	498	532	1,763	1,568	581	433
	95% CI	52,642-54,595	41,102-43,187	42,701-49,611	40,947-47,092	54,609-56,888	51,398-53,095

Estimate not reported if <20 enrollees with injuries or 95% CI for the injury marginal effect included 0.

S5. 1-year work loss after nonfatal injuries: ED T&R, MarketScan 2019-21

Mechanism	Measure	Absence	Short-term disability	Workers' compensation
Cut/Pierce	Injury patients, n	545	3,301	2,333
	Control enrollees, n	2,140	15,468	10,692
	Absent days, regression-adjusted mean (95% CI)	3.2 (2.7-3.7)	5.3 (4.8-5.8)	1.7 (1.3-2.1)
	Estimated cost, mean (95% CI)	\$487 (406-568)	\$811 (735-888)	\$260 (197-324)
Drowning/Submersion	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Fall	Injury patients, n	1,034	6,100	4,347
	Control enrollees, n	3,905	28,251	19,659
	Absent days, regression-adjusted mean (95% CI)	3.4 (2.9-4)	7.5 (7-7.9)	1.7 (1.4-2)
	Estimated cost, mean (95% CI)	\$524 (437-610)	\$1,138 (1,066-1,211)	\$255 (206-304)
Fire/Burn	Injury patients, n		277	
	Control enrollees, n		1,283	
	Absent days, regression-adjusted mean (95% CI)		6.2 (4.7-7.7)	
	Estimated cost, mean (95% CI)		\$950 (721-1,178)	
Fire/Flame	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Hot Object/Substance	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Firearm	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Machinery	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Motor Vehicle Traffic	Injury patients, n	607	3,168	2,231
	Control enrollees, n	2,414	14,808	10,212
	Absent days, regression-adjusted mean (95% CI)	2.7 (2.3-3.2)	7.5 (6.9-8.1)	1.9 (1.5-2.3)
	Estimated cost, mean (95% CI)	\$412 (344-481)	\$1,150 (1,059-1,240)	\$283 (222-345)
MVT-Occupant	Injury patients, n	515	2,694	1,887
	Control enrollees, n	2,043	12,572	8,620
	Absent days, regression-adjusted mean (95% CI)	2.7 (2.3-3.2)	7.8 (7.1-8.4)	1.8 (1.4-2.3)
	Estimated cost, mean (95% CI)	\$412 (344-481)	\$1,187 (1,088-1,288)	\$280 (217-344)
MVT-Motorcyclist	Injury patients, n		297	
	Control enrollees, n		1,416	

	Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		5.9 (4.6-7.2) \$898 (697-1,101)	
MVT-Pedal cyclist	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Pedestrian	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Unspecified	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MV Non-Traffic	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		282 1,321 7.6 (5.4-9.9) \$1,167 (823-1,509)	
Pedal cyclist, Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Pedestrian, Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Land Transport	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		247 1,155 5 (3.7-6.2) \$756 (565-947)	
Other Transport	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Natural/Environmental	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	357 1,435 3.1 (2.6-3.6) \$472 (393-551)	2,033 9,561 5.5 (4.9-6.1) \$843 (750-936)	
Bite And Stings-Nonvenomous	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI)	208 830 2.9 (2.4-3.4)	1,072 5,014 5.6 (4.8-6.4)	

	Estimated cost, mean (95% CI)	\$443 (365-519)	\$852 (726-979)	
Bite And Stings-Venomous	Injury patients, n	112	788	
	Control enrollees, n	451	3,761	
	Absent days, regression-adjusted mean (95% CI)	3.3 (2.7-4)	5.6 (4.6-6.5)	
	Estimated cost, mean (95% CI)	\$510 (417-603)	\$849 (709-990)	
Natural/Environmental, Other	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Overexertion	Injury patients, n	399	2,275	1,722
	Control enrollees, n	1,622	10,635	7,796
	Absent days, regression-adjusted mean (95% CI)	2.8 (2.4-3.3)	7 (6.3-7.6)	1.6 (1.2-1.9)
	Estimated cost, mean (95% CI)	\$432 (359-506)	\$1,066 (969-1,164)	\$238 (183-295)
Poisoning	Injury patients, n	125	724	
	Control enrollees, n	457	3,275	
	Absent days, regression-adjusted mean (95% CI)	3 (2.4-3.5)	9.7 (8.1-11.2)	
	Estimated cost, mean (95% CI)	\$451 (368-533)	\$1,479 (1,242-1,717)	
Poisoning: Drug	Injury patients, n		445	
	Control enrollees, n		1,976	
	Absent days, regression-adjusted mean (95% CI)		11.6 (9.3-14)	
	Estimated cost, mean (95% CI)		\$1,778 (1,422-2,134)	
Poisoning: Non-Drug	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Struck By/Against	Injury patients, n	472	2,794	2,064
	Control enrollees, n	1,866	13,174	9,467
	Absent days, regression-adjusted mean (95% CI)	3 (2.5-3.5)	6.2 (5.6-6.8)	1.7 (1.3-2.2)
	Estimated cost, mean (95% CI)	\$452 (376-529)	\$947 (859-1,036)	\$264 (197-333)
Suffocation	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Other Specified, Child/Adult Abuse	Injury patients, n			
	Control enrollees, n			
	Absent days, regression-adjusted mean (95% CI)			
	Estimated cost, mean (95% CI)			
Other Specified, Foreign Body	Injury patients, n	249	1,706	
	Control enrollees, n	1,023	7,972	
	Absent days, regression-adjusted mean (95% CI)	2.7 (2.2-3.1)	5 (4.3-5.6)	
	Estimated cost, mean (95% CI)	\$405 (335-474)	\$761 (660-862)	
Other Specified, Classifiable	Injury patients, n	114	621	
	Control enrollees, n	449	2,924	
	Absent days, regression-adjusted mean (95% CI)	3 (2.5-3.6)	5.7 (4.7-6.8)	
	Estimated cost, mean (95% CI)	\$463 (376-550)	\$877 (710-1,042)	

Other Specified, NEC	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Unspecified	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	371 1,459 2.8 (2.3-3.2) \$420 (348-492)	2,085 9,712 6.4 (5.8-7.1) \$981 (880-1,083)	
External Cause Missing	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	5,008 20,026 2.6 (2.2-3.1) \$402 (336-467)	34,949 163,445 6.6 (6.3-6.9) \$1,007 (962-1,051)	26,502 120,394 1.6 (1.4-1.8) \$247 (217-280)
TBI	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	196 736 3 (2.5-3.5) \$463 (388-538)	1,435 6,626 6.8 (6.5-7.1) \$1,040 (996-1,083)	
Total	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	9,594 38,054 2.8 (2.4-3.3) \$431 (361-501)	61,537 287,599 6.6 (6.3-6.8) \$1,004 (962-1,045)	45,705 207,825 1.7 (1.4-1.9) \$252 (220-283)

Estimate not reported if <50 enrollees (injury or control) with >0 absences or 95% CI for the injury marginal effect included 0.

S6. 1-year work loss after nonfatal injuries: Hospitalized, MarketScan 2019-20

Mechanism	Measure	Absence	Short-term disability	Workers' compensation
Cut/Pierce	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Drowning/Submersion	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Fall	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		432 1,967 45.1 (35.1-55.2) \$6,894 (5,357-8,431)	
Fire/Burn	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Fire/Flame	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Hot Object/Substance	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Firearm	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Machinery	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Motor Vehicle Traffic	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		386 1,769 36.3 (29.2-43.3) \$5,538 (4,456-6,618)	
MVT-Occupant	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		215 973 37.8 (29-46.5) \$5,770 (4,436-7,103)	
MVT-Motorcyclist	Injury patients, n Control enrollees, n			

	Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Pedal cyclist	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Pedestrian	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MVT-Unspecified	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
MV Non-Traffic	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Pedal cyclist, Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Pedestrian, Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Land Transport	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Transport	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Natural/Environmental	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Bite And Stings-Nonvenomous	Injury patients, n Control enrollees, n			

	Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Bite And Stings-Venomous	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Natural/Environmental, Other	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Overexertion	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Poisoning	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		298 1,260 51.6 (39.2-64) \$7,883 (5,985-9,780)	
Poisoning: Drug	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		263 1,106 54.3 (40.6-68) \$8,293 (6,205-10,382)	
Poisoning: Non-Drug	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Struck By/Against	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Suffocation	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Specified, Child/Adult Abuse	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Specified, Foreign Body	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Other Specified, Classifiable	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI)			

	Estimated cost, mean (95% CI)			
Other Specified, NEC	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
Unspecified	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)			
External Cause Missing	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	111 426 10.2 (6.7-13.7) \$1,561 (1,030-2,094)	856 3,989 43 (35.7-50.4) \$6,572 (5,447-7,695)	
TBI	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)		246 1,082 40 (34.7-45.3) \$6,110 (5,307-6,914)	
Total	Injury patients, n Control enrollees, n Absent days, regression-adjusted mean (95% CI) Estimated cost, mean (95% CI)	298 1,110 10.3 (6.8-13.8) \$1,569 (1,031-2,107)	2,452 11,191 40.9 (35.8-46) \$6,246 (5,463-7,030)	

Estimate not reported if <50 enrollees (injury or control) with >0 absences or 95% CI for the injury marginal effect included 0.

S7. Medical spending: Characteristics of injury and control enrollees, MarketScan 2019-21

Measure	<u>Commercial</u>			<u>Medicaid</u>		
	Injury n (%)	No injury n (%)	Total n (%)	Injury n (%)	No injury n (%)	Total n (%)
Total	578,131	2,808,321	3,386,452	350,763	1,534,170	1,884,933
Gender						
Male	297,047 (51.4)	1,443,762 (51.4)	1,740,809 (51.4)	159,832 (45.6)	700,693 (45.7)	860,525 (45.7)
Female	281,084 (48.6)	1,364,559 (48.6)	1,645,643 (48.6)	190,931 (54.4)	833,477 (54.3)	1,024,408 (54.3)
Race						
White	-	-	-	168,910 (48.2)	743,045 (48.4)	911,955 (48.4)
Black	-	-	-	106,182 (30.3)	469,103 (30.6)	575,285 (30.5)
Hispanic	-	-	-	36,552 (10.4)	172,356 (11.2)	208,908 (11.1)
Other	-	-	-	16,110 (4.6)	69,976 (4.6)	86,086 (4.6)
Unknown/missing	-	-	-	23,009 (6.6)	79,690 (5.2)	102,699 (5.4)
Region						
Northeast	71,218 (12.3)	343,653 (12.2)	414,871 (12.3)	-	-	-
North central	161,348 (27.9)	773,537 (27.5)	934,885 (27.6)	-	-	-
South	269,319 (46.6)	1,324,374 (47.2)	1,593,693 (47.1)	-	-	-
West	75,462 (13.1)	363,894 (13.0)	439,356 (13.0)	-	-	-
Unknown/missing	784 (0.1)	2,863 (0.1)	3,647 (0.1)	-	-	-
Plan Indicator						
Comprehensive	20,982 (3.6)	88,123 (3.1)	109,105 (3.2)	350,602 (100.0)	1,533,745 (100.0)	1,884,347 (100.0)
EPO	4,205 (0.7)	15,571 (0.6)	19,776 (0.6)	-	-	-
HMO	88,871 (15.4)	429,009 (15.3)	517,880 (15.3)	161 (0.0)	425 (0.0)	586 (0.0)
POS	32,504 (5.6)	156,586 (5.6)	189,090 (5.6)	-	-	-
PPO	288,406 (49.9)	1,419,741 (50.6)	1,708,147 (50.4)	-	-	-
CDHP	77,995 (13.5)	381,115 (13.6)	459,110 (13.6)	-	-	-
HDHP	65,168 (11.3)	318,176 (11.3)	383,344 (11.3)	-	-	-
BOE Category						
Blind or disabled person	-	-	-	90,418 (25.8)	364,481 (23.8)	454,899 (24.1)
Child (e.g., child of unemployed adult, foster care child)	-	-	-	112,714 (32.1)	527,629 (34.4)	640,343 (34.0)
Adult	-	-	-	66,854 (19.1)	284,781 (18.6)	351,635 (18.7)
Eligibility status unknown	-	-	-	80,681 (23.0)	357,136 (23.3)	437,817 (23.2)
Breast and Cervical Cancer Prevention and Treatment Act of 2000	-	-	-	96 (0.0)	143 (0.0)	239 (0.0)
Age (mean±SE)	33.5 (0.0)	33.3 (0.0)	33.3 (0.0)	32.9 (0.0)	32.0 (0.0)	32.2 (0.0)

S8. Work loss: Characteristics of injury and control enrollees, MarketScan 2019-21

Measure	<u>General absence</u>			<u>Short-term disability</u>			<u>Workers' compensation</u>		
	Injury n (%)	No injury n (%)	Total n (%)	Injury n (%)	No injury n (%)	Total n (%)	Injury n (%)	No injury n (%)	Total n (%)
Total	9,892	39,164	49,056	63,989	298,790	362,779	47,428	215,557	262,985
Gender									
Male	6,571 (66.4)	27,035 (69.0)	33,606 (68.5)	38,897 (60.8)	183,881 (61.5)	222,778 (61.4)	29,268 (61.7)	136,006 (63.1)	165,274 (62.8)
Female	3,321 (33.6)	12,129 (31.0)	15,450 (31.5)	25,092 (39.2)	114,909 (38.5)	140,001 (38.6)	18,160 (38.3)	79,551 (36.9)	97,711 (37.2)
Region									
Northeast	684 (6.9)	2,502 (6.4)	3,186 (6.5)	8,291 (13.0)	37,460 (12.5)	45,751 (12.6)	4,993 (10.5)	22,157 (10.3)	27,150 (10.3)
North central	3,050 (30.8)	11,373 (29.0)	14,423 (29.4)	18,223 (28.5)	84,897 (28.4)	103,120 (28.4)	17,982 (37.9)	79,849 (37.0)	97,831 (37.2)
South	5,404 (54.6)	22,458 (57.3)	27,862 (56.8)	28,878 (45.1)	138,328 (46.3)	167,206 (46.1)	20,116 (42.4)	95,422 (44.3)	115,538 (43.9)
West	754 (7.6)	2,831 (7.2)	3,585 (7.3)	8,524 (13.3)	37,985 (12.7)	46,509 (12.8)	4,335 (9.1)	18,127 (8.4)	22,462 (8.5)
Unknown/missing	-	-	-	73 (0.1)	120 (0.0)	193 (0.1)	2 (0.0)	2 (0.0)	4 (0.0)
Plan Indicator									
Comprehensive	26 (0.3)	44 (0.1)	70 (0.1)	1,134 (1.8)	4,079 (1.4)	5,213 (1.4)	2,340 (4.9)	8,235 (3.8)	10,575 (4.0)
EPO	-	-	-	73 (0.1)	119 (0.0)	192 (0.1)	50 (0.1)	70 (0.0)	120 (0.0)
HMO	1,878 (19.0)	7,136 (18.2)	9,014 (18.4)	4,697 (7.3)	18,088 (6.1)	22,785 (6.3)	2,052 (4.3)	6,913 (3.2)	8,965 (3.4)
POS	20 (0.2)	46 (0.1)	66 (0.1)	480 (0.8)	1,457 (0.5)	1,937 (0.5)	319 (0.7)	608 (0.3)	927 (0.4)
PPO	2,094 (21.2)	7,568 (19.3)	9,662 (19.7)	28,581 (44.7)	137,820 (46.1)	166,401 (45.9)	23,634 (49.8)	112,603 (52.2)	136,237 (51.8)
CDHP	4,866 (49.2)	21,197 (54.1)	26,063 (53.1)	15,849 (24.8)	75,097 (25.1)	90,946 (25.1)	11,984 (25.3)	55,517 (25.8)	67,501 (25.7)
HDHP	1,008 (10.2)	3,173 (8.1)	4,181 (8.5)	13,175 (20.6)	62,130 (20.8)	75,305 (20.8)	7,049 (14.9)	31,611 (14.7)	38,660 (14.7)
Age (mean±SE)	44.1 (0.1)	43.7 (0.1)	43.8 (0.1)	44.8 (0.0)	44.9 (0.0)	44.9 (0.0)	44.7 (0.1)	44.9 (0.0)	44.9 (0.0)