

**STable 1. Estimated number and cost of inpatient admissions for fatal injuries by mechanism and intent, October 1, 2014 through September 30, 2015, Healthcare Cost and Utilization Project National Inpatient Sample (2015 USD)**

Mechanism	Measure	Unintentional	Self-inflicted	Assault	Undetermined	Other	Unknown	All intent
Cut/pierce	No. records	6	14	32	2			54
	No. weighted	NR	71	162	NR			274
	Simple mean cost	NR	\$36,706	\$76,938	NR			\$61,595
	SE	NR	10,650	25,535	NR			15,671
	95% CI	NR	(15,822-57,589)	(26,864-127,012)	NR			(30,866-92,325)
	Adjusted mean cost	NR	\$44,244	\$51,946	NR			\$52,110
	SE	NR	1,679	3,127	NR			6,938
	95% CI	NR	(40,951-47,536)	(45,813-58,078)	NR			(38,505-65,714)
Drowning/submersi	No. records	58	2		3	1		64
	No. weighted	294	NR		NR	NR		325
	Simple mean cost	\$25,172	NR		NR	NR		\$24,898
	SE	2,501	NR		NR	NR		2,343
	95% CI	(20,268-30,076)	NR		NR	NR		(20,304-29,493)
	Adjusted mean cost	\$55,968	NR		NR	NR		\$59,294
	SE	2,816	NR		NR	NR		2,772
	95% CI	(50,445-61,491)	NR		NR	NR		(53,857-64,731)
Fall	No. records	3,773	9		1			3,783
	No. weighted	19,138	NR		NR			19,189
	Simple mean cost	\$32,641	NR		NR			\$32,693
	SE	790	NR		NR			789
	95% CI	(31,093-34,190)	NR		NR			(31,146-34,240)
	Adjusted mean cost	\$36,568	NR		NR			\$36,440
	SE	998	NR		NR			894
	95% CI	(34,612-38,524)	NR		NR			(34,686-38,193)
Fire/burn	No. records	93	8	3	1			105
	No. weighted	472	NR	NR	NR			533
	Simple mean cost	\$105,081	NR	NR	NR			\$106,024
	SE	18,216	NR	NR	NR			17,410
	95% CI	(69,361-140,802)	NR	NR	NR			(71,885-140,164)
	Adjusted mean cost	\$41,682	NR	NR	NR			\$41,985
	SE	1,424	NR	NR	NR			1,289
	95% CI	(38,890-44,475)	NR	NR	NR			(39,458-44,512)
Fire/flare	No. records	81	8	3	1			93
	No. weighted	411	NR	NR	NR			472
	Simple mean cost	\$109,474	NR	NR	NR			\$109,972
	SE	20,437	NR	NR	NR			19,337
	95% CI	(69,398-149,551)	NR	NR	NR			(72,053-147,891)
	Adjusted mean cost	\$42,203	NR	NR	NR			\$42,452
	SE	1,435	NR	NR	NR			1,320
	95% CI	(39,389-45,018)	NR	NR	NR			(39,865-45,040)
Hot object/substa	No. records	12						12
	No. weighted	61						61

	Simple mean cost	75,428						75,428
	SE	22,031						22,031
	95% CI	(32,226-118,630)						(32,226-118,630)
	Adjusted mean cost	38,399						38,735
	SE	1,750						1,441
	95% CI	(34,967-41,831)						(35,909-41,560)
Firearm	No. records	58	157	144	30	5		394
	No. weighted	294	796	730	152	NR		1,999
	Simple mean cost	\$37,434	\$26,909	\$47,266	\$49,042	NR		\$37,658
	SE	7,932	3,906	11,418	16,234	NR		4,936
	95% CI	(21,880-52,988)	(19,249-34,569)	(24,877-69,656)	(17,208-80,876)	NR		(27,979-47,337)
	Adjusted mean cost	\$51,197	\$42,179	\$50,636	\$44,845	NR		\$44,887
	SE	2,644	1,726	3,032	2,552	NR		4,326
	95% CI	(46,013-56,381)	(38,794-45,564)	(44,691-56,581)	(39,841-49,850)	NR		(36,405-53,370)
Machinery	No. records	10						10
	No. weighted	NR						NR
	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Adjusted mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Motor vehicle traffic	No. records	1,136		1	1			1,138
	No. weighted	5,762		NR	NR			5,772
	Simple mean cost	\$63,067		NR	NR			\$63,002
	SE	2,886		NR	NR			2,882
	95% CI	(57,407-68,727)		NR	NR			(57,351-68,654)
	Adjusted mean cost	\$46,063		NR	NR			\$48,157
	SE	1,584		NR	NR			1,587
	95% CI	(42,957-49,168)		NR	NR			(45,045-51,270)
Occupant	No. records	626						626
	No. weighted	3,175						3,175
	Simple mean cost	\$63,648						\$63,648
	SE	3,783						3,783
	95% CI	(56,230-71,066)						(56,230-71,066)
	Adjusted mean cost	45,841						47,934
	SE	1,529						1,555
	95% CI	(42,843-48,840)						(44,886-50,983)
Motorcyclist	No. records	163						163
	No. weighted	827						827
	Simple mean cost	\$62,314						\$62,314
	SE	5,795						5,795
	95% CI	(50,950-73,679)						(50,950-73,679)
	Adjusted mean cost	\$47,249						\$49,549
	SE	1,825						1,793
	95% CI	(43,670-50,829)						(46,034-53,064)
Pedal cyclist	No. records	32						32
	No. weighted	162						162
	Simple mean cost	\$62,000						\$62,000

	SE	12,509					12,509
	95% CI	(37,470-86,530)					(37,470-86,530)
	Adjusted mean cost	\$49,305					\$51,420
	SE	1,890					1,945
	95% CI	(45,599-53,011)					(47,605-55,234)
Pedestrian	No. records	235					235
	No. weighted	1,192					1,192
	Simple mean cost	\$67,258					\$67,258
	SE	5,917					5,917
	95% CI	(55,655-78,861)					(55,655-78,861)
	Adjusted mean cost	\$45,195					\$46,901
	SE	1,712					1,629
	95% CI	(41,837-48,552)					(43,706-50,096)
Unspecified MV	No. records	73					73
	No. weighted	370					370
	Simple mean cost	\$49,453					\$49,453
	SE	5,817					5,817
	95% CI	(38,046-60,861)					(38,046-60,861)
	Adjusted mean cost	\$47,129					\$49,861
	SE	1,767					1,866
	95% CI	(43,665-50,594)					(46,201-53,520)
Other pedal cyclist	No. records	18					18
	No. weighted	91					91
	Simple mean cost	\$80,734					\$80,734
	SE	24,655					24,655
	95% CI	(32,387-129,082)					(32,387-129,082)
	Adjusted mean cost	\$46,237					\$47,073
	SE	1,616					1,466
	95% CI	(43,068-49,407)					(44,198-49,947)
Other pedestrian	No. records	24					24
	No. weighted	122					122
	Simple mean cost	\$55,065					\$55,065
	SE	16,397					16,397
	95% CI	(22,912-87,218)					(22,912-87,218)
	Adjusted mean cost	\$40,626					\$41,629
	SE	1,712					1,534
	95% CI	(37,269-43,983)					(38,620-44,638)
Other transport	No. records	93					93
	No. weighted	472					472
	Simple mean cost	\$60,074					\$60,074
	SE	6,645					6,645
	95% CI	(47,044-73,105)					(47,044-73,105)
	Adjusted mean cost	\$45,024					\$46,663
	SE	1,508					1,440
	95% CI	(42,066-47,982)					(43,839-49,487)
Natural/environment	No. records	39			2		41
	No. weighted	198			NR		208
	Simple mean cost	\$44,837			NR		\$44,163
	SE	7,113			NR		6,835

	95% CI Adjusted mean cost SE 95% CI	(30,888-58,786) \$47,517 1,709 (44,166-50,869)			NR NR NR NR			(30,759-57,567) \$48,894 1,657 (45,645-52,143)
Bites and stings	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	10 NR NR NR NR NR NR NR						10 NR NR NR NR NR NR NR
Overexertion	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	6 NR NR NR NR NR NR NR						6 NR NR NR NR NR NR NR
Poisoning	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	309 1,567 \$31,162 2,268 (26,714-35,610) \$50,853 2,060 (46,813-54,893)	199 1,009 \$28,451 2,947 (22,671-34,231) \$48,210 1,710 (44,857-51,563)		308 1,562 \$27,943 1,692 (24,625-31,261) \$51,490 2,044 (47,482-55,498)			816 4,139 \$29,286 1,346 (26,647-31,924) \$40,646 1,572 (37,563-43,729)
Struck by/against	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	47 238 \$42,358 8,010 (26,650-58,066) \$42,392 1,398 (39,651-45,133)		28 142 \$148,664 80,444 (-9,084-306,411) \$52,043 2,286 (47,559-56,526)		1 NR NR NR NR NR NR NR		76 386 \$81,156 30,559 (21,232-141,080) \$50,987 4,386 (42,387-59,588)
Suffocation	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	94 477 \$27,119 2,988 (21,261-32,978) \$40,550 1,161 (38,273-42,827)	103 522 \$31,660 3,348 (25,095-38,225) \$56,838 2,563 (51,811-61,864)	3 NR NR NR NR NR NR NR	1 NR NR NR NR NR NR NR			201 1,020 \$29,309 2,191 (25,013-33,606) \$40,043 1,620 (36,866-43,221)
Other specified, call	No. records No. weighted Simple mean cost SE 95% CI	57 289 \$62,520 14,586 (33,917-91,123)	22 112 \$17,390 3,307 (10,906-23,874)	21 107 \$81,766 24,263 (34,187-129,344)	1 NR NR NR NR			101 512 \$62,553 11,332 (40,331-84,775)

	Adjusted mean cost	\$43,067	\$39,961	\$63,521	NR			\$48,203
	SE	1,295	1,520	4,055	NR			3,306
	95% CI	(40,527-45,608)	(36,981-42,940)	(55,570-71,472)	NR			(41,721-54,685)
Other specified, not	No. records	23	2	14	1			40
	No. weighted	117	NR	71	NR			203
	Simple mean cost	\$39,424	NR	\$99,407	NR			\$63,756
	SE	8,242	NR	60,341	NR			22,313
	95% CI	(23,262-55,585)	NR	(-18,920-217,734)	NR			(20,002-107,510)
	Adjusted mean cost	\$40,694	NR	\$51,297	NR			\$48,954
	SE	1,420	NR	3,269	NR			4,367
	95% CI	(37,908-43,479)	NR	(44,886-57,708)	NR			(40,391-57,517)
Unspecified	No. records	126	2	42	7			177
	No. weighted	639	NR	213	NR			898
	Simple mean cost	\$40,288	NR	\$44,927	NR			\$41,946
	SE	6,135	NR	7,300	NR			4,979
	95% CI	(28,258-52,317)	NR	(30,613-59,242)	NR			(32,183-51,709)
	Adjusted mean cost	\$44,179	NR	\$56,071	NR			\$50,569
	SE	1,443	NR	2,792	NR			3,319
	95% CI	(41,350-47,008)	NR	(50,596-61,545)	NR			(44,061-57,077)
Adverse effects	No. records					232		232
	No. weighted					1,177		1,177
	Simple mean cost					\$67,081		\$67,081
	SE					\$8,786		\$8,786
	95% CI					(49,851-84,310)		(49,851-84,310)
	Adjusted mean cost					\$39,254		\$65,409
	SE					\$1,075		\$8,751
	95% CI					(37,145-41,362)		(48,249-82,569)
Ecode Missing	No. records						631	631
	No. weighted						3,201	3,201
	Simple mean cost						\$44,523	\$44,523
	SE						\$4,088	\$4,088
	95% CI						(36,506-52,539)	(36,506-52,539)
	Adjusted mean cost						\$41,812	\$43,541
	SE						\$1,174	\$3,804
	95% CI						(39,509-44,115)	(36,080-51,001)
All mechanisms	No. records	5,980	518	288	358	239	631	8,014
	No. weighted	30,333	2,627	1,461	1,816	1,212	3,201	40,650
	Simple mean cost	\$40,727	\$30,915	\$64,567	\$32,303	\$65,973	\$44,523	\$41,625
	SE	1,053	2,162	10,915	2,830	8,545	4,088	1,189
	95% CI	(38,661-42,792)	(26,675-35,155)	(43,164-85,970)	(26,753-37,854)	(49,217-82,730)	(36,506-52,539)	(39,293-43,956)
	Adjusted mean cost	\$41,082	\$34,958	\$52,787	\$32,255	\$65,525	\$43,215	\$41,605
	SE	1,060	1,611	5,088	1,356	8,537	3,748	1,140
	95% CI	(39,004-43,160)	(31,799-38,118)	(42,810-62,765)	(29,596-34,915)	(48,784-82,267)	(35,864-50,566)	(39,369-43,841)

NR = Not reported. The relative standard error was over 30 percent or the standard error = 0, the value of the estimate was considered unreliable. Blank cells for injury types indicate no data.

**Table 2. Estimated number and cost of inpatient admissions for fatal injuries by body region and nature of injury, October 1, 2014 through September 30, 2015, Healthcare Cost and Utilization Project National Inpatient Sample (2015 USD)**

Body Region	Body Region	Measure	Fracture	Dislocation	Sprains and strains	Internal	Open wound	Amputations	Blood vessels	Contusion or superficial	Crush	Burns	Nerves	Unspecified	System Wide & late effects	All nature of injury	
Head and neck	Traumatic brain inj	No. records	1,150			2,222										3,372	
		No. weighted	5,833			11,271											17,104
		Simple mean cost	\$49,325			\$35,850											\$40,445
		SE	2,430			1,561											1,487
		95% CI	(44,560-54,089)			(32,788-38,912)											(37,530-43,361)
		Adjusted mean cost	\$44,739			\$40,273											\$42,545
	Other head, face, a	No. records	20				25		13	7	1	51		12		129	
		No. weighted	101				127		66	NR	NR	259		61		654	
		Simple mean cost	\$42,807				\$32,131		\$43,030	NR	NR	\$89,949		\$17,211		\$55,113	
		SE	6,968				6,250		5,862	NR	NR	20,277		4,438		8,404	
		95% CI	(29,142-56,471)				(19,874-44,387)		(31,536-54,525)	NR	NR	(50,187-129,712)		(8,509-25,913)		(38,632-71,593)	
		Adjusted mean cost	\$43,473				\$44,642		\$50,111	NR	NR	\$43,217		\$32,886		\$73,042	
Total1		No. records	1,170			2,222	25		13	7	1	51		12		3,501	
		No. weighted	5,935			11,271	127		66	NR	NR	259		61		17,758	
		Simple mean cost	\$49,213			\$35,850	\$32,131		\$43,030	NR	NR	\$89,949		\$17,211		\$40,986	
		SE	2,396			1,561	6,250		5,862	NR	NR	20,282		4,438		1,490	
		95% CI	(44,515-53,912)			(32,788-38,911)	(19,874-44,387)		(31,536-54,525)	NR	NR	(50,177-129,722)		(8,509-25,913)		(38,065-43,907)	
		Adjusted mean cost	\$42,274			\$38,586	\$41,984		\$47,074	NR	NR	\$40,455		\$31,912		\$41,345	
Spine and back	Spinal cord (SCI)	No. records	119			33										152	
		No. weighted	604			167										771	
		Simple mean cost	\$62,985			\$68,153										\$64,107	
		SE	5,228			10,768										4,805	
		95% CI	(52,734-73,236)			(47,038-89,269)										(54,684-73,530)	
		Adjusted mean cost	\$42,284			\$44,007										\$44,731	
Vertebral column (V)		No. records	345	8												356	
		No. weighted	1,765	NR												1,806	
		Simple mean cost	\$37,232	NR												\$37,369	
		SE	3,093	NR												3,051	
		95% CI	(31,168-43,297)	NR												(31,385-43,352)	
		Adjusted mean cost	\$36,799	NR												\$39,685	
Total2		No. records	467	8		33										508	
		No. weighted	2,369	NR		167										2,577	
		Simple mean cost	\$43,795	NR		\$68,153										\$45,369	
		SE	3,002	NR		10,767										2,873	
		95% CI	(37,908-49,681)	NR		(47,038-89,268)										(39,735-51,003)	
		Adjusted mean cost	\$36,846	NR		\$42,494										\$40,710	
Torso	Torso	No. records	299		1	496	9		64	12	9	44		2		936	
		No. weighted	1,517		NR	2,516	NR		325	61	NR	223		NR		4,748	
		Simple mean cost	\$42,804		NR	\$57,949	NR		\$73,158	\$34,727	NR	\$136,680		NR		\$57,298	
		SE	4,821		NR	4,937	NR		18,766	8,306	NR	27,636		NR		3,725	
		95% CI	(33,351-52,257)		NR	(48,268-67,630)	NR		(36,360-109,957)	(18,440-51,014)	NR	(82,487-190,873)		NR		(49,994-64,602)	
		Adjusted mean cost	\$35,514		NR	\$44,941	NR		\$45,456	\$36,863	NR	\$44,722		NR		\$47,001	
Extremities	Upper extremities	No. records	109			5	4		2	3						142	
		No. weighted	553			NR	NR		NR	NR						720	
		Simple mean cost	\$45,681			NR	NR		NR	NR						\$56,344	
		SE	5,126			NR	NR		NR	NR						6,745	
		95% CI	(35,629-55,733)			NR	NR		NR	NR						(43,117-69,570)	
		Adjusted mean cost	\$36,332			NR	NR		NR	NR						\$52,325	
Lower extremities	Lower extremities	No. records	1,521	1	1	8	6		11	16	5	18		2		1,589	
		No. weighted	7,715	NR	NR	NR	NR		NR	81	NR	91		NR		8,060	
		Simple mean cost	\$35,588	NR	NR	NR	NR		NR	\$21,847	NR	\$174,178		NR		\$38,366	
		SE	1,377	NR	NR	NR	NR		NR	6,203	NR	53,657		NR		1,696	
		95% CI	(32,869-38,288)	NR	NR	NR	NR		NR	(9,684-34,010)	NR	(68,959-279,397)		NR		(35,041-41,691)	
		Adjusted mean cost	\$35,123	NR	NR	NR	NR		NR	\$33,378	NR	\$45,280		NR		\$38,832	
Total3		No. records	1,630	1	1	13	10		13	19	5	37		2		1,731	
		No. weighted	8,268	NR	NR	NR	NR		NR	96	NR	188		NR		8,780	
		Simple mean cost	\$36,263	NR	NR	NR	\$60,617	NR	\$70,639	\$23,417	NR	\$151,610		NR		\$39,841	
		SE	1,549	NR	NR	NR	31,134	NR	13,085	5,694	NR	32,285		NR		1,700	
		95% CI	(33,617-38,909)	NR	NR	NR	(-0,437-121,671)	NR	(44,978-96,300)	(12,251-34,583)	NR	(88,300-214,921)		NR		(36,507-43,175)	
		Adjusted mean cost	\$34,151	NR	NR	NR	\$38,660	NR	\$46,554	\$33,368	NR	\$42,562		NR		\$39,682	
		SE	937	NR	NR	1,279	NR	2,353	1,024	NR	1,431		NR		1,254		

Unclassifiable by s	Other or multiple	95% CI	(32,313-35,989)	NR	NR		(36,152-41,167)	NR	(41,940-51,189)	(31,361-35,376)	NR	(39,755-45,368)		NR		(37,224-42,140)
		No. records							5		5	16		3		29
		No. weighted							NR		NR	81		NR		147
		Simple mean cost							NR		NR	\$123,012		NR		\$117,960
		SE							NR		NR	69,270		NR		46,776
		95% CI														
		Adjusted mean cost						NR		NR	(-12,825-258,849)		NR		(26,134-209,586)	
		SE						NR		NR	\$42,684		NR		\$95,295	
		95% CI						NR		NR	1,400		NR		10,486	
								NR		NR	(39,938-45,430)		NR		(74,733-115,857)	
	System-wide	No. records												1,309	1,309	
		No. weighted												6,640	6,640	
		Simple mean cost												\$31,343	\$31,343	
		SE												1,138	1,138	
		95% CI												(29,112-33,575)	(29,112-33,575)	
		Adjusted mean cost											\$50,300	\$32,934		
		SE											1,921	1,254		
		95% CI											(46,534-54,067)	(30,476-35,393)		
	Total4	No. records						5		5	16		3	1,309	1,338	
		No. weighted						NR		NR	81		NR	6,640	6,787	
		Simple mean cost						NR		NR	\$123,012		NR	\$31,343	\$33,218	
		SE						NR		NR	69,270		NR	1,138	1,532	
		95% CI						NR		NR	(-12,827-258,851)		NR	(29,112-33,575)	(30,214-36,222)	
		Adjusted mean cost					NR		NR	\$40,850		NR	\$46,534	\$34,123		
		SE					NR		NR	1,348		NR	1,679	1,249		
		95% CI					NR		NR	(38,207-43,493)		NR	(43,243-49,826)	(31,674-36,572)		
All body regions	All body regions	No. records	3,566	9	2	2,751	47	10	95	38	20	143	19	1,309	8,014	
		No. weighted	18,088	NR	NR	13,954	238	NR	482	193	101	751	96	6,640	40,650	
		Simple mean cost	\$42,047	NR	NR	\$40,222	\$44,344	NR	\$66,808	\$24,797	\$111,115	\$122,832	\$21,240	\$31,343	\$41,625	
		SE	1,330	NR	NR	1,710	10,490	NR	12,906	4,201	40,454	15,831	4,948	1,138	1,189	
		95% CI	(39,439-44,655)	NR	NR	(36,869-43,575)	(23,774-64,915)	NR	(41,499-92,117)	(16,560-33,034)	(31,787-190,443)	(91,788-153,876)	(11,538-30,942)	(29,112-33,575)	(39,293-43,956)	
	Adjusted mean cost	\$41,517	NR	NR	\$43,047	\$52,886	NR	\$63,067	\$41,660	\$68,670	\$61,036	\$55,398	\$33,081	\$41,541		
	SE	1,182	NR	NR	1,520	4,462	NR	3,748	1,765	9,182	4,623	7,359	1,257	1,155		
	95% CI	(39,199-43,835)	NR	NR	(40,065-46,029)	(44,137-61,636)	NR	(55,717-70,417)	(38,198-45,121)	(50,664-86,676)	(51,970-70,102)	(40,967-69,828)	(30,616-35,546)	(39,276-43,806)		

NR = Not reported. The relative standard error was over 30 percent or the standard error = 0, the value of the estimate was considered unreliable. Blank cells for injury types indicate no data.

**STable 3. Estimated number and cost of emergency department visits for fatal injuries by mechanism and intent, October 1, 2014 through September 30, 2015, Healthcare Cost and Utilization Project Nationwide Emergency Department Sample (2015 USD)**

Mechanism	Measure	Unintentional	Self-inflicted	Assault	Undetermined	Other	Unknown	All intent
Cut/pierce	No. records	11	6	43				60
	No. weighted	NR	NR	247				346
	Simple mean cost	NR	NR	\$6,649				\$5,647
	SE	NR	NR	865				698
	95% CI	NR	NR	(4,948-8,350)				(4,275-7,020)
	Adjusted mean cost	NR	NR	\$6,782				\$7,115
	SE	NR	NR	519				769
	95% CI	NR	NR	(5,762-7,803)				(5,603-8,627)
Drowning/submersi	No. records	44	2		4			50
	No. weighted	257	NR		NR			285
	Simple mean cost	\$3,471	NR		NR			\$3,489
	SE	257	NR		NR			248
	95% CI	(2,967-3,976)	NR		NR			(3,001-3,978)
	Adjusted mean cost	\$6,351	NR		NR			\$6,462
	SE	388	NR		NR			445
	95% CI	(5,588-7,115)	NR		NR			(5,587-7,337)
Fall	No. records	175	6		4			185
	No. weighted	995	NR		NR			1,055
	Simple mean cost	\$6,467	NR		NR			\$6,573
	SE	445	NR		NR			496
	95% CI	(5,593-7,340)	NR		NR			(5,598-7,548)
	Adjusted mean cost	\$7,207	NR		NR			\$7,317
	SE	453	NR		NR			450
	95% CI	(6,317-8,098)	NR		NR			(6,433-8,202)
Fire/burn	No. records	11						11
	No. weighted	NR						NR
	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Adjusted mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Fire/flame	No. records	11						11
	No. weighted	NR						NR
	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Adjusted mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Hot object/substa	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	112 607 \$8,466 1,276 (5,957-10,975) \$6,660 444 (5,787-7,533)	90 501 \$6,669 580 (5,528-7,810) \$6,966 445 (6,091-7,841)	211 1,225 \$7,912 1,274 (5,407-10,417) \$6,682 494 (5,711-7,654)	82 495 \$7,335 1,285 (4,808-9,862) \$6,726 496 (5,752-7,701)	9 NR NR NR NR NR NR NR	504 2,881 \$7,724 683 (6,382-9,066) \$6,644 564 (5,536-7,753)	
Machinery	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	1 NR NR NR NR NR NR NR					1 NR NR NR NR NR NR NR	
Motor vehicle traffic	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	435 2,401 \$9,316 880 (7,585-11,046) \$6,989 529 (5,949-8,029)					435 2,401 \$9,316 880 (7,585-11,046) \$7,160 510 (6,158-8,163)	
Occupant	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	211 1,179 \$9,331 1,228 (6,917-11,744) 7,138 552 (6,052-8,223)					211 1,179 \$9,331 1,228 (6,917-11,744) 7,316 536 (6,263-8,370)	
Motorcyclist	No. records No. weighted Simple mean cost SE 95% CI Adjusted mean cost SE 95% CI	74 417 \$9,406 905 (7,627-11,186) \$6,793 490 (5,829-7,756)					74 417 \$9,406 905 (7,627-11,186) \$6,957 464 (6,044-7,870)	
Pedal cyclist	No. records No. weighted Simple mean cost	11 NR NR					11 NR NR	

	SE	NR					NR
	95% CI	NR					NR
	Adjusted mean cost	NR					NR
	SE	NR					NR
	95% CI	NR					NR
Pedestrian	No. records	100					100
	No. weighted	527					527
	Simple mean cost	\$10,137					\$10,137
	SE	1,142					1,142
	95% CI	(7,891-12,383)					(7,891-12,383)
	Adjusted mean cost	\$6,947					\$7,117
	SE	586					560
	95% CI	(5,795-8,099)					(6,016-8,218)
Unspecified MV	No. records	37					37
	No. weighted	209					209
	Simple mean cost	\$7,613					\$7,613
	SE	1,532					1,532
	95% CI	(4,602-10,624)					(4,602-10,624)
	Adjusted mean cost	\$6,650					\$6,824
	SE	456					461
	95% CI	(5,755-7,546)					(5,917-7,730)
Other pedal cyclist	No. records	2					2
	No. weighted	NR					NR
	Simple mean cost	NR					NR
	SE	NR					NR
	95% CI	NR					NR
	Adjusted mean cost	NR					NR
	SE	NR					NR
	95% CI	NR					NR
Other pedestrian	No. records	7					7
	No. weighted	NR					NR
	Simple mean cost	NR					NR
	SE	NR					NR
	95% CI	NR					NR
	Adjusted mean cost	NR					NR
	SE	NR					NR
	95% CI	NR					NR
Other transport	No. records	17					17
	No. weighted	106					106
	Simple mean cost	\$5,591					\$5,591
	SE	1,123					1,123
	95% CI	(3,382-7,799)					(3,382-7,799)
	Adjusted mean cost	\$7,007					\$7,224
	SE	452					490
	95% CI	(6,119-7,895)					(6,261-8,187)
Natural/environment	No. records	11		1			12
	No. weighted	67		NR			72
	Simple mean cost	\$4,315		NR			\$4,168
	SE	787		NR			741

	95% CI	(2,767-5,862)			NR			(2,711-5,624)
	Adjusted mean cost	\$6,903			NR			\$6,987
	SE	489			NR			499
	95% CI	(5,943-7,864)			NR			(6,006-7,968)
Bites and stings	No. records	5						5
	No. weighted	NR						NR
	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Adjusted mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Overexertion	No. records	3						3
	No. weighted	NR						NR
	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Adjusted mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Poisoning	No. records	33	20		53			106
	No. weighted	179	124		289			592
	Simple mean cost	\$4,141	\$6,216		\$3,204			\$4,120
	SE	518	1,646		330			436
	95% CI	(3,122-5,160)	(2,981-9,452)		(2,556-3,852)			(3,263-4,976)
	Adjusted mean cost	\$7,163	\$7,113		\$7,199			\$6,507
	SE	425	537		555			607
	95% CI	(6,328-7,998)	(6,057-8,169)		(6,108-8,289)			(5,313-7,702)
Struck by/against	No. records	29		18		8		55
	No. weighted	167		NR		NR		NR
	Simple mean cost	\$6,185		NR		NR		NR
	SE	1,260		NR		NR		NR
	95% CI	(3,708-8,662)		NR		NR		NR
	Adjusted mean cost	\$7,220		NR		NR		NR
	SE	589		NR		NR		NR
	95% CI	(6,063-8,378)		NR		NR		NR
Suffocation	No. records	35	47	1	5			88
	No. weighted	200	281	NR	NR			517
	Simple mean cost	\$3,690	\$4,098	NR	NR			\$3,875
	SE	340	526	NR	NR			320
	95% CI	(3,022-4,358)	(3,063-5,133)	NR	NR			(3,245-4,504)
	Adjusted mean cost	\$6,662	\$6,590	NR	NR			\$6,155
	SE	445	437	NR	NR			384
	95% CI	(5,787-7,536)	(5,730-7,449)	NR	NR			(5,400-6,910)
Other specified, call	No. records	27	24	11	2	1		65
	No. weighted	158	140	NR	NR	NR		377
	Simple mean cost	\$3,849	\$5,283	NR	NR	NR		\$4,511
	SE	469	697	NR	NR	NR		424
	95% CI	(2,928-4,771)	(3,913-6,653)	NR	NR	NR		(3,678-5,345)

	Adjusted mean cost	\$6,897	\$6,609	NR	NR	NR		\$6,537
	SE	434	319	NR	NR	NR		401
	95% CI	(6,043-7,751)	(5,981-7,236)	NR	NR	NR		(5,749-7,326)
Other specified, not	No. records	9		5				14
	No. weighted	NR		NR				NR
	Simple mean cost	NR		NR				NR
	SE	NR		NR				NR
	95% CI	NR		NR				NR
	Adjusted mean cost	NR		NR				NR
	SE	NR		NR				NR
Unspecified	No. records	56		5	3	1		65
	No. weighted	298		NR	NR	NR		345
	Simple mean cost	\$3,435		NR	NR	NR		\$4,241
	SE	366		NR	NR	NR		833
	95% CI	(2,716-4,154)		NR	NR	NR		(2,603-5,879)
	Adjusted mean cost	\$6,997		NR	NR	NR		\$7,176
	SE	438		NR	NR	NR		459
Adverse effects	95% CI	(6,137-7,857)		NR	NR	NR		(6,274-8,078)
	No. records					3		3
	No. weighted					NR		NR
	Simple mean cost					NR		NR
	SE					NR		NR
	95% CI					NR		NR
	Adjusted mean cost					NR		NR
Ecode Missing	SE					NR		NR
	95% CI					NR		NR
	No. records						67	67
	No. weighted						397	397
	Simple mean cost						\$6,898	\$6,898
	SE						\$1,274	\$1,274
	95% CI						(4,394-9,402)	(4,394-9,402)
All mechanisms	Adjusted mean cost						\$6,776	\$7,017
	SE						\$423	\$1,343
	95% CI						(5,945-7,607)	(4,378-9,657)
	No. records	1,023	195	294	154	22	67	1,755
	No. weighted	5,728	1,124	1,678	887	115	397	9,929
	Simple mean cost	\$7,151	\$5,886	\$7,226	\$5,767	\$7,323	\$6,898	\$6,888
	SE	469	440	995	870	1,921	1,274	451
95% CI	(6,228-8,073)	(5,020-6,752)	(5,270-9,183)	(4,057-7,476)	(3,546-11,099)	(4,394-9,402)	(6,001-7,776)	
Adjusted mean cost	\$7,150	\$5,890	\$6,921	\$6,106	\$7,961	\$7,004	\$6,884	
SE	469	339	546	411	892	1,312	422	
95% CI	(6,227-8,072)	(5,224-6,556)	(5,848-7,994)	(5,299-6,913)	(6,207-9,715)	(4,424-9,584)	(6,054-7,713)	

NR = Not reported. The relative standard error was over 30 percent or the standard error = 0, the value of the estimate was considered unreliable. Blank cells for injury types indicate no data.

**Table 4. Estimated number and cost of emergency department visits for fatal injuries by body region and nature of injury, October 1, 2014 through September 30, 2015, Healthcare Cost and Utilization Project Nationwide Emergency Department Sample (2015 USD)**

Body Region	Body Region	Measure	Fracture	Dislocation	Sprains and strains	Internal	Open wound	Amputations	Blood vessels	Contusion or superficial	Crush	Burns	Nerves	Unspecified	System Wide & late effects	All nature of injury	
Head and neck	Traumatic brain inj	No. records	93			215										308	
		No. weighted	526			1,259											1,785
		Simple mean cost	\$7,935			\$7,534											\$7,652
		SE				462											413
		95% CI	(6,600-9,271)			(6,626-8,442)											(6,841-8,464)
		Adjusted mean cost	\$7,001			\$6,986											\$9,141
	Other head, face, a	No. records	7				179		1	28	2	4		117		338	
		No. weighted	NR				1,020		NR	NR	NR	NR		654		1,891	
		Simple mean cost	NR				\$5,735		NR	NR	NR	NR		\$5,590		\$5,456	
		SE	NR				472		NR	NR	NR	NR		583		376	
		95% CI	NR				(4,807-6,664)		NR	NR	NR	NR		(4,444-6,735)		(4,716-6,195)	
		Adjusted mean cost	NR				\$6,735		NR	NR	NR	NR		\$7,044		\$5,608	
Total1		No. records	100			215	179		1	28	2	4		117		646	
		No. weighted	561			1,259	1,020		NR	NR	NR	NR		654		3,676	
		Simple mean cost	\$7,770			\$7,534	\$5,735		NR	NR	NR	NR		\$5,590		\$6,522	
		SE	643			462	472		NR	NR	NR	NR		582		309	
		95% CI	(6,505-9,035)			(6,626-8,442)	(4,808-6,663)		NR	NR	NR	NR		(4,446-6,734)		(5,914-7,131)	
		Adjusted mean cost	\$5,843			\$5,954	\$5,597		NR	NR	NR	NR		\$6,937		\$6,373	
Spine and back	Spinal cord (SCI)	No. records	1			3										4	
		No. weighted	NR			NR										NR	
		Simple mean cost	NR			NR										NR	
		SE	NR			NR										NR	
		95% CI	NR			NR										NR	
		Adjusted mean cost	NR			NR										NR	
Vertebral column (		No. records	10	2	5											17	
		No. weighted	NR	NR	NR											95	
		Simple mean cost	NR	NR	NR											\$8,097	
		SE	NR	NR	NR											1,967	
		95% CI	NR	NR	NR											(4,230-11,965)	
		Adjusted mean cost	NR	NR	NR											\$6,341	
Total2		No. records	11	2	5	3										21	
		No. weighted	NR	NR	NR	NR										117	
		Simple mean cost	NR	NR	NR	NR										\$7,963	
		SE	NR	NR	NR	NR										1,674	
		95% CI	NR	NR	NR	NR										(4,671-11,256)	
		Adjusted mean cost	NR	NR	NR	NR										\$6,353	
Torso	Torso	No. records	31		1	225	155		18	16	3	4		23		476	
		No. weighted	176		NR	1,268	899		94	NR	NR	NR		128		2,699	
		Simple mean cost	\$10,603		NR	\$11,808	\$6,385		\$27,134	NR	NR	NR		\$5,702		\$9,864	
		SE	1,857		NR	1,645	620		8,030	NR	NR	NR		949		1,043	
		95% CI	(6,953-14,254)		NR	(8,574-15,043)	(5,167-7,603)		(11,349-42,920)	NR	NR	NR		(3,835-7,568)		(7,813-11,915)	
		Adjusted mean cost	\$7,400		NR	\$6,937	\$6,644		\$7,362	NR	NR	NR		\$6,821		\$8,374	
Extremities	Upper extremities	No. records	14	2	3	32								2		65	
		No. weighted	NR	NR	NR	184								NR		361	
		Simple mean cost	NR	NR	NR	\$3,766								NR		\$3,317	
		SE	NR	NR	NR	584								NR		446	
		95% CI	NR	NR	NR	(2,618-4,913)								NR		(2,441-4,193)	
		Adjusted mean cost	NR	NR	NR	\$6,577								NR		\$5,671	
Lower extremities		No. records	25	1	6	8	6			5		1		2		54	
		No. weighted	150	NR	NR	NR	NR	NR		NR	NR	NR		NR		309	
		Simple mean cost	\$9,116	NR	NR	NR	NR	NR		NR	NR	NR		NR		\$6,577	
		SE	2,095	NR	NR	NR	NR	NR		NR	NR	NR		NR		1,189	
		95% CI	(4,996-13,235)	NR	NR	NR	NR	NR		NR	NR	NR		NR		(4,240-8,914)	
		Adjusted mean cost	\$7,125	NR	NR	NR	NR	NR		NR	NR	NR		NR		\$6,818	
Total3		No. records	39	3	9	40	6			17		1		4		119	
		No. weighted	227	NR	NR	227	NR	NR		NR	NR	NR		NR		671	
		Simple mean cost	\$7,404	NR	NR	\$3,858	NR	NR		NR	NR	NR		NR		\$4,820	
		SE	1,477	NR	NR	552	NR	NR		NR	NR	NR		NR		705	
		95% CI	(4,498-10,309)	NR	NR	(2,724-4,943)	NR	NR		NR	NR	NR		NR		(3,434-6,206)	
		Adjusted mean cost	\$6,334	NR	NR	\$5,583	NR	NR		NR	NR	NR		NR		\$5,965	
		SE	380	NR	NR	288	NR		NR	NR		NR		NR	346		

Unclassifiable by s	Other or multiple	No. records	2	NR	NR	7	36	NR		8	2	7		NR		163	
		No. weighted	NR			NR	206			NR	NR	NR			NR		880
		Simple mean cost	NR			NR	\$4,698			NR	NR	NR			NR		\$5,224
		SE	NR			NR	579			NR	NR	NR			NR		395
		95% CI	NR		NR	(3,561-5,836)			NR	NR	NR			(4,244-6,307)		(4,449-6,000)	
		Adjusted mean cost	NR		NR	\$6,540			NR	NR	NR			\$6,818		\$5,643	
		SE	NR		NR	498			NR	NR	NR			506		331	
		95% CI	NR		NR	(5,561-7,519)			NR	NR	NR			(5,824-7,812)		(4,991-6,294)	
	System-wide	No. records														330	
		No. weighted														1,885	
		Simple mean cost														\$4,787	
		SE														469	
		95% CI													(3,865-5,709)	(3,865-5,709)	
		Adjusted mean cost													\$6,861	\$4,764	
		SE													400	433	
		95% CI													(6,074-7,648)	(3,913-5,615)	
	Total4	No. records	2			7	36			8	2	7		101		330	
		No. weighted	NR			NR	206			NR	NR	NR		NR		1,885	
		Simple mean cost	NR			NR	\$4,698			NR	NR	NR		NR		\$4,787	
		SE	NR			NR	579			NR	NR	NR		NR		335	
		95% CI	NR		NR	(3,559-5,838)			NR	NR	NR		(4,241-6,310)		(3,866-5,708)	(4,268-5,585)	
		Adjusted mean cost	NR		NR	\$5,343			NR	NR	NR		\$5,749		\$5,659	\$4,915	
		SE	NR		NR	314			NR	NR	NR		310		262	318	
		95% CI	NR		NR	(4,726-5,960)			NR	NR	NR		(5,138-6,359)		(5,145-6,174)	(4,289-5,540)	
All body regions	All body regions	No. records	133	5	15	450	410	6	19	69	7	16	245	330	1,755		
		No. weighted	1,040	NR	NR	2,585	2,353	NR	99	352	NR	99	1,336	1,885	9,929		
		Simple mean cost	\$8,350	NR	NR	\$9,600	\$5,711	NR	\$25,867	\$3,342	NR	\$7,189	\$5,393	\$4,787	\$6,888		
		SE	660	NR	NR	952	391	NR	7,709	463	NR	2,576	363	469	451		
		95% CI	(7,052-9,648)	NR	NR	(7,729-11,471)	(4,943-6,480)	NR	(10,712-41,021)	(2,432-4,253)	NR	(2,124-12,254)	(4,680-6,107)	(3,865-5,709)	(6,001-7,776)		
		Adjusted mean cost	\$7,656	NR	NR	\$8,695	\$6,759	NR	\$10,289	\$6,419	NR	\$6,693	\$5,872	\$4,782	\$6,885		
		SE	473	NR	NR	602	466	NR	1,057	396	NR	497	305	444	403		
		95% CI	(6,725-8,587)	NR	NR	(7,512-9,879)	(5,843-7,675)	NR	(8,210-12,368)	(5,640-7,198)	NR	(5,716-7,671)	(5,273-6,472)	(3,910-5,654)	(6,094-7,677)		

NR = Not reported. The relative standard error was over 30 percent or the standard error = 0, the value of the estimate was considered unreliable. Blank cells for injury types indicate no data.

**STable 5. Number of injury and control enrollees and estimated average per-person one-year attributable cost of medical care following emergency department (ED) treatment for non-fatal injuries (by mechanism and intent), October 1, 2014 through September 30, 2015, MarketScan – ED disposition: All (2015 USD)**

Mechanism	Measure	Unintentional	Self-inflicted	Assault	Undetermined	Other	Unknown	All intent
Cut/pierce	No. enrollees: Injury	26,831	332	246	79	6		27,494
	No. enrollees: Control	131,449	1,490	1,169	370	30		134,508
	No. enrollees: Total	158,280	1,822	1,415	449	36		162,002
	Simple mean cost	\$6,611	\$12,682	\$11,387	\$8,228	NR		\$6,725
	SE	39	531	620	854	NR		39
	95% CI	(6,534-6,688)	(11,641-13,724)	(10,172-12,602)	(6,554-9,902)	NR		(6,648-6,802)
	Estimated injury cost	\$3,119	\$17,320	\$17,709	\$3,435	NR		\$3,322
	SE	115	1,813	3,100	1,498	NR		116
	95% CI	(2,894-3,345)	(13,766-20,874)	(11,633-23,785)	(0,500-6,371)	NR		(3,094-3,550)
Drowning/submersi	No. enrollees: Injury	182			3			185
	No. enrollees: Control	881			15			896
	No. enrollees: Total	1,063			18			1,081
	Simple mean cost	\$5,537			NR			\$5,748
	SE	477			NR			481
	95% CI	(4,601-6,472)			NR			(4,805-6,691)
	Estimated injury cost	\$12,940			NR			\$13,355
	SE	2,628			NR			2,636
95% CI	(7,789-18,092)			NR			(8,189-18,522)	
Fall	No. enrollees: Injury	119,065	4	8	41			119,118
	No. enrollees: Control	578,312	18	40	192			578,562
	No. enrollees: Total	697,377	22	48	233			697,680
	Simple mean cost	\$9,717	NR	NR	\$8,135			\$9,717
	SE	24	NR	NR	1,220			24
	95% CI	(9,670-9,763)	NR	NR	(5,744-10,526)			(9,670-9,763)
	Estimated injury cost	\$9,399	NR	NR	\$5,406			\$9,399
	SE	85	NR	NR	2,363			85
	95% CI	(9,233-9,566)	NR	NR	(0,775-10,036)			(9,233-9,565)
Fire/burn	No. enrollees: Injury	3,624	5	8	21			3,658
	No. enrollees: Control	17,579	21	36	105			17,741
	No. enrollees: Total	21,203	26	44	126			21,399
	Simple mean cost	\$7,119	NR	NR	\$6,781			\$7,175
	SE	117	NR	NR	1,392			117
	95% CI	(6,891-7,348)	NR	NR	(4,054-9,509)			(6,946-7,404)
	Estimated injury cost	\$7,260	NR	NR	\$14,002			\$7,431
	SE	448	NR	NR	7,996			453
	95% CI	(6,382-8,137)	NR	NR	(-1,669-29,674)			(6,543-8,320)
Fire/flame	No. enrollees: Injury	668	3	5	17			693
	No. enrollees: Control	3,231	13	21	85			3,350
	No. enrollees: Total	3,899	16	26	102			4,043
	Simple mean cost	\$8,128	NR	NR	NR			\$8,300
	SE	302	NR	NR	NR			301

	95% CI	(7,536-8,720)	NR	NR	NR			(7,711-8,890)
	Estimated injury cost	\$11,552	NR	NR	NR			\$12,325
	SE	1,232	NR	NR	NR			1,291
	95% CI	(9,136-13,967)	NR	NR	NR			(9,795-14,855)
Hot object/substance	No. enrollees: Injury	2,956	2	3	4			2,965
	No. enrollees: Control	14,348	8	15	20			14,391
	No. enrollees: Total	17,304	10	18	24			17,356
	Simple mean cost	\$6,892	NR	NR	NR			\$6,913
	SE	125	NR	NR	NR			126
	95% CI	(6,646-7,138)	NR	NR	NR			(6,666-7,159)
	Estimated injury cost	\$6,200	NR	NR	NR			\$6,224
	SE	464	NR	NR	NR			464
	95% CI	(5,291-7,109)	NR	NR	NR			(5,315-7,134)
Firearm	No. enrollees: Injury	482	14	101	48	7		652
	No. enrollees: Control	2,315	70	470	218	31		3,104
	No. enrollees: Total	2,797	84	571	266	38		3,756
	Simple mean cost	\$10,474	NR	\$12,270	\$8,277	NR		\$10,874
	SE	433	NR	1,099	1,007	NR		385
	95% CI	(9,625-11,324)	NR	(10,117-14,424)	(6,303-10,252)	NR		(10,121-11,628)
	Estimated injury cost	\$22,805	NR	\$37,435	\$21,030	NR		\$24,859
	SE	2,243	NR	7,371	6,920	NR		2,136
	95% CI	(18,409-27,201)	NR	(22,989-51,881)	(7,468-34,593)	NR		(20,671-29,046)
Machinery	No. enrollees: Injury	973						973
	No. enrollees: Control	4,772						4,772
	No. enrollees: Total	5,745						5,745
	Simple mean cost	\$8,619						\$8,619
	SE	232						232
	95% CI	(8,165-9,073)						(8,165-9,073)
	Estimated injury cost	\$5,340						\$5,340
	SE	764						764
	95% CI	(3,843-6,838)						(3,843-6,838)
Motor vehicle traffic	No. enrollees: Injury	26,330	16	3	6			26,355
	No. enrollees: Control	128,220	77	14	27			128,338
	No. enrollees: Total	154,550	93	17	33			154,693
	Simple mean cost	\$7,774	NR	NR	NR			\$7,775
	SE	44	NR	NR	NR			44
	95% CI	(7,688-7,861)	NR	NR	NR			(7,688-7,862)
	Estimated injury cost	\$9,403	NR	NR	NR			\$9,408
	SE	184	NR	NR	NR			184
	95% CI	(9,042-9,764)	NR	NR	NR			(9,047-9,769)
Occupant	No. enrollees: Injury	19,410						19,410
	No. enrollees: Control	94,441						94,441
	No. enrollees: Total	113,851						113,851
	Simple mean cost	\$7,414						\$7,414
	SE	49						49
	95% CI	(7,317-7,511)						(7,317-7,511)
	Estimated injury cost	7,396						7,396
	SE	186						186
	95% CI	(7,031-7,761)						(7,031-7,761)



Motorcyclist	No. enrollees: Injury	1,711					1,711
	No. enrollees: Control	8,411					8,411
	No. enrollees: Total	10,122					10,122
	Simple mean cost	\$8,944					\$8,944
	SE	200					200
	95% CI	(8,552-9,337)					(8,552-9,337)
	Estimated injury cost	\$20,415					\$20,415
	SE	1,068					1,068
95% CI	(18,321-22,509)					(18,321-22,509)	
Pedal cyclist	No. enrollees: Injury	275					275
	No. enrollees: Control	1,331					1,331
	No. enrollees: Total	1,606					1,606
	Simple mean cost	\$6,314					\$6,314
	SE	370					370
	95% CI	(5,589-7,040)					(5,589-7,040)
	Estimated injury cost	\$14,193					\$14,193
	SE	1,930					1,930
95% CI	(10,412-17,975)					(10,412-17,975)	
Pedestrian	No. enrollees: Injury	754					754
	No. enrollees: Control	3,623					3,623
	No. enrollees: Total	4,377					4,377
	Simple mean cost	\$9,705					\$9,705
	SE	315					315
	95% CI	(9,087-10,322)					(9,087-10,322)
	Estimated injury cost	\$19,440					\$19,440
	SE	1,757					1,757
95% CI	(15,996-22,884)					(15,996-22,884)	
Unspecified MV	No. enrollees: Injury	3,868					3,868
	No. enrollees: Control	18,882					18,882
	No. enrollees: Total	22,750					22,750
	Simple mean cost	\$8,658					\$8,658
	SE	123					123
	95% CI	(8,417-8,899)					(8,417-8,899)
	Estimated injury cost	\$12,054					\$12,054
	SE	549					549
95% CI	(10,978-13,131)					(10,978-13,131)	
Other pedal cyclist	No. enrollees: Injury	4,645					4,645
	No. enrollees: Control	22,717					22,717
	No. enrollees: Total	27,362					27,362
	Simple mean cost	\$5,014					\$5,014
	SE	78					78
	95% CI	(4,861-5,167)					(4,861-5,167)
	Estimated injury cost	\$6,109					\$6,109
	SE	264					264
95% CI	(5,592-6,626)					(5,592-6,626)	
Other pedestrian	No. enrollees: Injury	257					257
	No. enrollees: Control	1,256					1,256
	No. enrollees: Total	1,513					1,513
	Simple mean cost	\$7,358					\$7,358

	SE	429					429
	95% CI	(6,517-8,199)					(6,517-8,199)
	Estimated injury cost	\$9,484					\$9,484
	SE	1,477					1,477
	95% CI	(6,590-12,378)					(6,590-12,378)
Other transport	No. enrollees: Injury	4,148	1				4,149
	No. enrollees: Control	20,322	5				20,327
	No. enrollees: Total	24,470	6				24,476
	Simple mean cost	\$6,571	NR				\$6,573
	SE	100	NR				100
	95% CI	(6,376-6,766)	NR				(6,378-6,768)
	Estimated injury cost	\$11,089	NR				\$11,090
	SE	463	NR				463
	95% CI	(10,182-11,997)	NR				(10,182-11,998)
Natural/environment	No. enrollees: Injury	1,555	2		5		1,562
	No. enrollees: Control	7,617	8		25		7,650
	No. enrollees: Total	9,172	10		30		9,212
	Simple mean cost	\$7,972	NR		NR		\$8,009
	SE	181	NR		NR		181
	95% CI	(7,617-8,328)	NR		NR		(7,653-8,364)
	Estimated injury cost	\$5,838	NR		NR		\$5,833
	SE	639	NR		NR		638
	95% CI	(4,586-7,089)	NR		NR		(4,583-7,083)
Bites and stings	No. enrollees: Injury	16,816					16,816
	No. enrollees: Control	81,867					81,867
	No. enrollees: Total	98,683					98,683
	Simple mean cost	\$6,581					\$6,581
	SE	50					50
	95% CI	(6,484-6,678)					(6,484-6,678)
	Estimated injury cost	\$3,307					\$3,307
	SE	147					147
	95% CI	(3,018-3,595)					(3,018-3,595)
Overexertion	No. enrollees: Injury	26,384					26,384
	No. enrollees: Control	128,337					128,337
	No. enrollees: Total	154,721					154,721
	Simple mean cost	\$7,022					\$7,022
	SE	40					40
	95% CI	(6,942-7,101)					(6,942-7,101)
	Estimated injury cost	\$5,251					\$5,251
	SE	128					128
	95% CI	(4,999-5,502)					(4,999-5,502)
Poisoning	No. enrollees: Injury	3,547	2,209	15	1,095		6,866
	No. enrollees: Control	16,898	10,011	73	5,093		32,075
	No. enrollees: Total	20,445	12,220	88	6,188		38,941
	Simple mean cost	\$9,395	\$14,016	NR	\$12,457		\$11,328
	SE	139	213	NR	291		110
	95% CI	(9,123-9,667)	(13,599-14,433)	NR	(11,888-13,027)		(11,113-11,542)
	Estimated injury cost	\$9,723	\$17,563	NR	\$13,521		\$12,783
	SE	460	689	NR	1,009		376

	95% CI	(8,821-10,626)	(16,214-18,913)	NR	(11,544-15,499)		(12,045-13,521)
Struck by/against	No. enrollees: Injury	47,987		2,904		65	50,956
	No. enrollees: Control	233,703		13,790		320	247,813
	No. enrollees: Total	281,690		16,694		385	298,769
	Simple mean cost	\$5,153		\$8,241		\$7,606	\$5,329
	SE	25		145		854	25
	95% CI	(5,104-5,203)		(7,958-8,524)		(5,932-9,281)	(5,279-5,379)
	Estimated injury cost	\$3,989		\$6,828		\$10,293	\$4,146
	SE	77		494		3,081	77
	95% CI	(3,839-4,139)		(5,860-7,796)		(4,253-16,332)	(3,994-4,297)
Suffocation	No. enrollees: Injury	520	27	12	7	1	567
	No. enrollees: Control	2,529	109	57	35	5	2,735
	No. enrollees: Total	3,049	136	69	42	6	3,302
	Simple mean cost	\$6,421	\$14,921	NR	NR	NR	\$6,870
	SE	290	2,239	NR	NR	NR	290
	95% CI	(5,853-6,989)	(10,533-19,309)	NR	NR	NR	(6,302-7,438)
	Estimated injury cost	\$8,331	\$19,579	NR	NR	NR	\$8,904
	SE	868	7,213	NR	NR	NR	873
	95% CI	(6,630-10,032)	(5,443-33,716)	NR	NR	NR	(7,194-10,614)
Other specified, ca	No. enrollees: Injury	15,355	6	503	25	4	15,893
	No. enrollees: Control	74,851	26	2,383	118	20	77,398
	No. enrollees: Total	90,206	32	2,886	143	24	93,291
	Simple mean cost	\$5,892	NR	\$7,976	\$3,722	NR	\$5,957
	SE	49	NR	346	974	NR	49
	95% CI	(5,796-5,988)	NR	(7,297-8,655)	(1,813-5,631)	NR	(5,862-6,052)
	Estimated injury cost	\$4,185	NR	\$4,670	\$1,698	NR	\$4,207
	SE	148	NR	960	651	NR	147
	95% CI	(3,894-4,476)	NR	(2,788-6,552)	(0,421-2,974)	NR	(3,919-4,495)
Other specified, not	No. enrollees: Injury	15,889	125	1,255	101	3	17,373
	No. enrollees: Control	77,092	563	5,916	479	14	84,064
	No. enrollees: Total	92,981	688	7,171	580	17	101,437
	Simple mean cost	\$7,312	\$10,906	\$8,238	\$6,418	NR	\$7,398
	SE	55	858	211	555	NR	53
	95% CI	(7,205-7,419)	(9,224-12,587)	(7,825-8,652)	(5,330-7,507)	NR	(7,294-7,501)
	Estimated injury cost	\$5,295	\$11,121	\$6,294	\$5,508	NR	\$5,411
	SE	177	2,146	708	1,218	NR	172
	95% CI	(4,948-5,642)	(6,916-15,326)	(4,907-7,682)	(3,121-7,896)	NR	(5,074-5,748)
Unspecified	No. enrollees: Injury	13,283	120	994	1,997	7	16,401
	No. enrollees: Control	64,329	565	4,701	9,644	25	79,264
	No. enrollees: Total	77,612	685	5,695	11,641	32	95,665
	Simple mean cost	\$8,523	\$15,978	\$10,161	\$7,923	NR	\$8,603
	SE	66	996	279	164	NR	60
	95% CI	(8,394-8,653)	(14,026-17,931)	(9,615-10,706)	(7,601-8,244)	NR	(8,485-8,721)
	Estimated injury cost	\$7,032	\$26,868	\$9,047	\$8,746	NR	\$7,434
	SE	222	3,703	958	616	NR	206
	95% CI	(6,597-7,468)	(19,612-34,125)	(7,169-10,926)	(7,539-9,953)	NR	(7,030-7,837)
Adverse effects	No. enrollees: Injury					433	433
	No. enrollees: Control					2,064	2,064
	No. enrollees: Total					2,497	2,497

	Simple mean cost					\$14,156		\$14,156
	SE					\$506		\$506
	95% CI					(13,163-15,148)		(13,163-15,148)
	Estimated injury cost					\$15,428		\$15,428
	SE					\$1,901		\$1,901
	95% CI					(11,703-19,153)		(11,703-19,153)
Ecode Missing	No. enrollees: Injury						477,315	477,315
	No. enrollees: Control						2,319,637	2,319,637
	No. enrollees: Total						2,796,952	2,796,952
	Simple mean cost						\$8,319	\$8,319
	SE						\$11	\$11
	95% CI						(8,297-8,340)	(8,297-8,340)
	Estimated injury cost						\$6,508	\$6,508
	SE						\$36	\$36
	95% CI						(6,437-6,579)	(6,437-6,579)
All mechanisms	No. enrollees: Injury	327,873	2,861	6,049	3,428	526	477,315	818,052
	No. enrollees: Control	1,595,046	12,963	28,649	16,321	2,509	2,319,637	3,975,125
	No. enrollees: Total	1,922,919	15,824	34,698	19,749	3,035	2,796,952	4,793,177
	Simple mean cost	\$7,756	\$13,880	\$8,759	\$9,292	\$13,025	\$8,319	\$8,121
	SE	13	188	104	138	439	11	8,105
	95% CI	(7,731-7,781)	(13,511-14,248)	(8,555-8,963)	(9,021-9,563)	(12,165-13,886)	(8,297-8,340)	(8,105-8,138)
	Estimated injury cost	\$6,712	\$18,331	\$7,460	\$10,217	\$13,967	\$6,508	\$6,658
	SE	43	640	366	516	1,575	36	28
	95% CI	(6,628-6,796)	(17,078-19,585)	(6,743-8,177)	(9,206-11,228)	(10,880-17,054)	(6,437-6,579)	(6,604-6,712)
NR = Not reported; number of injury patients <21. Blank cells for injury types indicate no data.								



		SE	184	551	80	122	8,885	4,370	119	1,180	750		244	58
		95% CI	(15,715-16,435)	(12,312-14,473)	(4,877-5,192)	(3,963-4,441)	(28,836-63,665)	(5,597-22,726)	(5,163-5,631)	(3,517-8,142)	(7,425-10,363)		(5,940-6,899)	(7,104-7,331)
Total3		No. enrollees: Injury	111,920	14,569	110,175	95,259	676	57	79,842	1,591	7,153	143	17,740	439,125
		No. enrollees: Control	547,487	71,325	534,101	465,573	3,317	281	305,892	7,742	34,699	702	86,006	2,137,125
		No. enrollees: Total	659,407	85,894	644,276	560,832	3,993	338	465,734	9,333	41,852	845	103,746	2,576,250
		Simple mean cost	\$8,653	\$6,463	\$7,501	\$7,458	\$8,290	\$13,284	\$8,463	\$5,674	\$7,262	\$10,823	\$6,795	\$7,890
		SE	23	21	21	23	27	1290	27	154	83	50	11	
		95% CI	(8,609-8,698)	(6,360-6,566)	(7,460-7,542)	(7,414-7,502)	(7,755-8,824)	(10,757-15,812)	(8,410-8,516)	(5,372-5,976)	(7,099-7,425)	(9,345-12,302)	(6,697-6,894)	(7,869-7,911)
		Estimated injury cost	\$12,128	\$7,535	\$4,760	\$3,668	\$10,025	\$11,011	\$4,767	\$3,429	\$5,912	\$9,259	\$5,336	\$6,468
		SE	93	182	64	67	1,189	2,685	82	458	296	2,357	161	37
		95% CI	(11,946-12,311)	(7,178-7,891)	(4,534-4,886)	(3,537-3,799)	(7,694-12,355)	(5,790-16,273)	(4,606-4,928)	(2,530-4,327)	(5,332-6,491)	(4,639-13,880)	(5,020-5,851)	(6,396-6,540)
Unclassifiable by site	Other or multiple	No. enrollees: Injury	2,957	72	5,561	2,625	2,146	7	7,154	10	125	76	709	49,014
		No. enrollees: Control	14,220	346	26,947	12,474	10,404	35	34,350	50	611	367	3,405	103,209
		No. enrollees: Total	17,177	418	32,508	15,099	12,550	42	41,504	60	736	443	4,114	124,651
		Simple mean cost	\$10,346	\$15,165	\$8,951	\$13,126	\$9,159	NR	\$8,317	NR	\$8,066	\$9,257	\$9,505	\$9,495
		SE	154	1,318	104	189	172	NR	89	NR	583	919	311	55
		95% CI	(10,043-10,649)	(12,582-17,748)	(8,747-9,155)	(12,754-13,497)	(8,822-9,496)	NR	(8,143-8,491)	NR	(6,923-9,209)	(7,456-11,058)	(8,896-10,114)	(9,386-9,603)
		Estimated injury cost	\$11,590	\$12,502	\$4,990	\$11,707	\$6,721	NR	\$4,438	NR	\$5,918	\$3,893	\$7,620	\$6,694
		SE	561	2,629	326	589	545	NR	241	NR	1,512	1,746	929	172
		95% CI	(10,490-12,691)	(7,350-17,654)	(4,352-5,629)	(10,553-12,861)	(5,653-7,789)	NR	(3,966-4,909)	NR	(2,954-8,881)	(0,471-7,315)	(5,798-9,441)	(6,357-7,031)
	System-wide	No. enrollees: Injury												49,014
		No. enrollees: Control												235,618
		No. enrollees: Total												284,632
		Simple mean cost												\$8,926
		SE												36
		95% CI												(8,855-8,997)
		Estimated injury cost												\$7,630
		SE												117
		95% CI												(7,402-7,859)
	Total4	No. enrollees: Injury	2,957	72	5,561	2,625	2,146	7	7,154	10	125	76	709	49,014
		No. enrollees: Control	14,220	346	26,947	12,474	10,404	35	34,350	50	611	367	3,405	103,209
		No. enrollees: Total	17,177	418	32,508	15,099	12,550	42	41,504	60	736	443	4,114	124,651
		Simple mean cost	\$10,346	\$15,165	\$8,951	\$13,126	\$9,159	NR	\$8,317	NR	\$8,066	\$9,257	\$9,505	\$9,283
		SE	154	1,318	104	189	172	NR	89	NR	583	919	311	55
		95% CI	(10,043-10,649)	(12,582-17,748)	(8,747-9,155)	(12,754-13,497)	(8,822-9,496)	NR	(8,143-8,491)	NR	(6,923-9,209)	(7,456-11,058)	(8,896-10,114)	(9,386-9,603)
		Estimated injury cost	\$11,590	\$12,502	\$4,990	\$11,707	\$6,721	NR	\$4,438	NR	\$5,918	\$3,893	\$7,620	\$7,407
		SE	561	2,629	326	589	545	NR	241	NR	1,512	1,746	929	117
		95% CI	(10,490-12,691)	(7,350-17,654)	(4,352-5,629)	(10,553-12,861)	(5,653-7,789)	NR	(3,966-4,909)	NR	(2,954-8,881)	(0,471-7,315)	(5,798-9,441)	(7,216-7,597)
All body regions	All body regions	No. enrollees: Injury	142,942	15,137	177,574	30,450	177,048	676	126	158,832	1,623	10,329	257	54,044
		No. enrollees: Control	698,139	74,089	861,199	148,088	864,722	3,317	617	768,228	7,897	50,081	1,250	235,618
		No. enrollees: Total	841,081	89,226	1,038,773	178,538	1,041,770	3,993	743	927,060	9,520	60,410	1,507	479,317
		Simple mean cost	\$9,540	\$6,581	\$8,069	\$8,297	\$8,814	\$8,290	\$13,776	\$8,455	\$5,867	\$7,427	\$9,858	\$8,926
		SE	22	52	17	44	16	273	881	19	152	71	528	36
		95% CI	(9,497-9,582)	(6,479-6,684)	(8,035-8,103)	(8,211-8,382)	(6,783-6,846)	(7,755-8,824)	(12,050-15,502)	(8,418-8,493)	(5,368-5,965)	(7,289-7,566)	(8,823-10,893)	(7,581-7,704)
		Estimated injury cost	\$13,856	\$7,597	\$4,878	\$9,297	\$3,856	\$9,876	\$20,129	\$4,892	\$3,465	\$7,395	\$7,365	\$5,869
		SE	93	179	53	156	47	1,173	3,403	57	451	275	1,534	99
		95% CI	(13,674-14,037)	(7,246-7,948)	(4,775-4,981)	(8,991-9,603)	(3,764-3,948)	(7,576-12,176)	(13,460-26,798)	(4,779-5,004)	(2,980-4,349)	(6,855-7,934)	(4,359-10,371)	(5,675-6,062)

NR = Not reported; number of injury patients &lt;21. Blank cells for injury types indicate no data.

**STable 7. Number of injury and control enrollees and estimated average per-person one-year attributable cost of medical care following emergency department (ED) treatment for non-fatal injuries (by mechanism and intent), October 1, 2014 through September 30, 2015, MarketScan – ED disposition: Treated and released (2015 USD)**

Mechanism	Measure	Unintentional	Self-inflicted	Assault	Undetermined	Other	Unknown	All intent
Cut/pierce	No. enrollees: Injury	26,723	227	215	75	6		27,246
	No. enrollees: Control	130,931	1,031	1,028	353	30		133,373
	No. enrollees: Total	157,654	1,258	1,243	428	36		160,619
	Simple mean cost	\$6,585	\$10,871	\$10,507	\$7,595	NR		\$6,651
	SE	39	577	626	809	NR		39
	95% CI	(6,508-6,661)	(9,741-12,002)	(9,280-11,734)	(6,010-9,180)	NR		(6,574-6,727)
	Estimated injury cost	\$2,953	\$11,635	\$10,461	\$2,746	NR		\$3,053
	SE	112	1,778	2,366	1,316	NR		113
95% CI	(2,733-3,173)	(8,151-15,119)	(5,823-15,099)	(168-5,325)	NR		(2,833-3,274)	
Drowning/submersi	No. enrollees: Injury	158			3			161
	No. enrollees: Control	770			15			785
	No. enrollees: Total	928			18			946
	Simple mean cost	\$3,819			NR			\$4,093
	SE	350			NR			365
	95% CI	(3,132-4,505)			NR			(3,377-4,808)
	Estimated injury cost	\$4,726			NR			\$5,044
	SE	925			NR			965
95% CI	(2,913-6,539)			NR			(3,152-6,937)	
Fall	No. enrollees: Injury	113,732	2	8	35			113,777
	No. enrollees: Control	552,700	8	40	168			552,916
	No. enrollees: Total	666,432	10	48	203			666,693
	Simple mean cost	\$9,239	NR	NR	\$5,313			\$9,238
	SE	23	NR	NR	945			23
	95% CI	(9,193-9,285)	NR	NR	(3,461-7,165)			(9,192-9,284)
	Estimated injury cost	\$7,992	NR	NR	\$5,965			\$7,991
	SE	80	NR	NR	2,728			80
95% CI	(7,836-8,149)	NR	NR	(619-11,311)			(7,835-8,148)	
Fire/burn	No. enrollees: Injury	3,399	2	7	19			3,427
	No. enrollees: Control	16,510	8	31	95			16,644
	No. enrollees: Total	19,909	10	38	114			20,071
	Simple mean cost	\$6,658	NR	NR	NR			\$6,697
	SE	113	NR	NR	NR			113
	95% CI	(6,437-6,880)	NR	NR	NR			(6,475-6,918)
	Estimated injury cost	\$4,491	NR	NR	NR			\$4,590
	SE	362	NR	NR	NR			365
95% CI	(3,782-5,199)	NR	NR	NR			(3,874-5,306)	
Fire/flame	No. enrollees: Injury	578	2	5	15			600
	No. enrollees: Control	2,803	8	21	75			2,907
	No. enrollees: Total	3,381	10	26	90			3,507
	Simple mean cost	\$6,697	NR	NR	NR			\$6,873

	SE	271	NR	NR	NR			271
	95% CI	(6,165-7,228)	NR	NR	NR			(6,343-7,403)
	Estimated injury cost	\$5,198	NR	NR	NR			\$5,667
	SE	800	NR	NR	NR			834
	95% CI	(3,629-6,766)	NR	NR	NR			(4,032-7,302)
Hot object/substa	No. enrollees: Injury	2,821		2	4			2,827
	No. enrollees: Control	13,707		10	20			13,737
	No. enrollees: Total	16,528		12	24			16,564
	Simple mean cost	\$6,650		NR	NR			\$6,659
	SE	124		NR	NR			125
	95% CI	(6,407-6,894)		NR	NR			(6,415-6,903)
	Estimated injury cost	\$4,266		NR	NR			\$4,265
	SE	394		NR	NR			394
	95% CI	(3,493-5,038)		NR	NR			(3,493-5,038)
Firearm	No. enrollees: Injury	357	4	63	33	4		461
	No. enrollees: Control	1,730	20	301	151	16		2,218
	No. enrollees: Total	2,087	24	364	184	20		2,679
	Simple mean cost	\$7,936	NR	\$8,582	\$6,089	NR		\$8,012
	SE	399	NR	1,030	965	NR		355
	95% CI	(7,153-8,718)	NR	(6,563-10,601)	(4,198-7,980)	NR		(7,316-8,709)
	Estimated injury cost	\$9,143	NR	\$16,146	\$9,021	NR		\$9,198
	SE	1,410	NR	4,777	4,730	NR		1,259
	95% CI	(6,380-11,907)	NR	(6,782-25,509)	(-0,249-18,291)	NR		(6,731-11,665)
Machinery	No. enrollees: Injury	940						940
	No. enrollees: Control	4,610						4,610
	No. enrollees: Total	5,550						5,550
	Simple mean cost	\$8,349						\$8,349
	SE	230						230
	95% CI	(7,898-8,800)						(7,898-8,800)
	Estimated injury cost	\$3,672						\$3,672
	SE	620						620
	95% CI	(2,458-4,887)						(2,458-4,887)
Motor vehicle traffic	No. enrollees: Injury	24,549	12	3	6			24,570
	No. enrollees: Control	119,573	57	14	27			119,671
	No. enrollees: Total	144,122	69	17	33			144,241
	Simple mean cost	\$7,114	NR	NR	NR			\$7,114
	SE	42	NR	NR	NR			42
	95% CI	(7,032-7,196)	NR	NR	NR			(7,032-7,196)
	Estimated injury cost	\$5,705	NR	NR	NR			\$5,706
	SE	132	NR	NR	NR			132
	95% CI	(5,445-5,965)	NR	NR	NR			(5,446-5,965)
Occupant	No. enrollees: Injury	18,529						18,529
	No. enrollees: Control	90,169						90,169
	No. enrollees: Total	108,698						108,698
	Simple mean cost	\$6,964						\$6,964
	SE	48						48
	95% CI	(6,871-7,058)						(6,871-7,058)
	Estimated injury cost	5,009						5,009
	SE	142						142



	95% CI	(4,730-5,288)					(4,730-5,288)
Motorcyclist	No. enrollees: Injury	1,358					1,358
	No. enrollees: Control	6,679					6,679
	No. enrollees: Total	8,037					8,037
	Simple mean cost	\$6,868					\$6,868
	SE	174					174
	95% CI	(6,527-7,210)					(6,527-7,210)
	Estimated injury cost	\$8,969					\$8,969
	SE	659					659
	95% CI	(7,677-10,260)					(7,677-10,260)
Pedal cyclist	No. enrollees: Injury	254					254
	No. enrollees: Control	1,235					1,235
	No. enrollees: Total	1,489					1,489
	Simple mean cost	\$5,637					\$5,637
	SE	339					339
	95% CI	(4,972-6,302)					(4,972-6,302)
	Estimated injury cost	\$10,468					\$10,468
	SE	1,635					1,635
	95% CI	(7,263-13,673)					(7,263-13,673)
Pedestrian	No. enrollees: Injury	627					627
	No. enrollees: Control	3,021					3,021
	No. enrollees: Total	3,648					3,648
	Simple mean cost	\$8,152					\$8,152
	SE	292					292
	95% CI	(7,580-8,724)					(7,580-8,724)
	Estimated injury cost	\$8,775					\$8,775
	SE	1,014					1,014
	95% CI	(6,787-10,764)					(6,787-10,764)
Unspecified MV	No. enrollees: Injury	3,495					3,495
	No. enrollees: Control	17,061					17,061
	No. enrollees: Total	20,556					20,556
	Simple mean cost	\$7,812					\$7,812
	SE	117					117
	95% CI	(7,583-8,040)					(7,583-8,040)
	Estimated injury cost	\$6,847					\$6,847
	SE	384					384
	95% CI	(6,094-7,600)					(6,094-7,600)
Other pedal cyclist	No. enrollees: Injury	4,450					4,450
	No. enrollees: Control	21,766					21,766
	No. enrollees: Total	26,216					26,216
	Simple mean cost	\$4,686					\$4,686
	SE	75					75
	95% CI	(4,539-4,834)					(4,539-4,834)
	Estimated injury cost	\$4,770					\$4,770
	SE	228					228
	95% CI	(4,324-5,216)					(4,324-5,216)
Other pedestrian	No. enrollees: Injury	242					242
	No. enrollees: Control	1,189					1,189
	No. enrollees: Total	1,431					1,431

	Simple mean cost	\$6,620					\$6,620
	SE	404					404
	95% CI	(5,827-7,412)					(5,827-7,412)
	Estimated injury cost	\$7,432					\$7,432
	SE	1,313					1,313
	95% CI	(4,859-10,005)					(4,859-10,005)
Other transport	No. enrollees: Injury	3,796	1				3,797
	No. enrollees: Control	18,595	5				18,600
	No. enrollees: Total	22,391	6				22,397
	Simple mean cost	\$5,893	NR				\$5,896
	SE	93	NR				93
	95% CI	(5,711-6,076)	NR				(5,713-6,078)
	Estimated injury cost	\$7,214	NR				\$7,215
	95% CI	(6,538-7,891)	NR				(6,538-7,891)
Natural/environment	No. enrollees: Injury	1,507	1		5		1,513
	No. enrollees: Control	7,385	3		25		7,413
	No. enrollees: Total	8,892	4		30		8,926
	Simple mean cost	\$7,682	NR		NR		\$7,721
	SE	179	NR		NR		179
	95% CI	(7,332-8,033)	NR		NR		(7,370-8,071)
	Estimated injury cost	\$4,675	NR		NR		\$4,680
	95% CI	(3,550-5,800)	NR		NR		(3,554-5,805)
Bites and stings	No. enrollees: Injury	16,651					16,651
	No. enrollees: Control	81,058					81,058
	No. enrollees: Total	97,709					97,709
	Simple mean cost	\$6,526					\$6,526
	SE	49					49
	95% CI	(6,429-6,622)					(6,429-6,622)
	Estimated injury cost	\$2,954					\$2,954
	95% CI	(2,680-3,228)					(2,680-3,228)
Overexertion	No. enrollees: Injury	26,244					26,244
	No. enrollees: Control	127,655					127,655
	No. enrollees: Total	153,899					153,899
	Simple mean cost	\$6,978					\$6,978
	SE	40					40
	95% CI	(6,899-7,057)					(6,899-7,057)
	Estimated injury cost	\$5,086					\$5,086
	95% CI	(4,837-5,336)					(4,837-5,336)
Poisoning	No. enrollees: Injury	3,226	880	14	800		4,920
	No. enrollees: Control	15,416	4,034	68	3,749		23,267
	No. enrollees: Total	18,642	4,914	82	4,549		28,187
	Simple mean cost	\$8,702	\$11,290	NR	\$10,649		\$9,461
	SE	139	296	NR	308		117
	95% CI	(8,430-8,974)	(10,710-11,869)	NR	(10,046-11,253)		(9,232-9,689)
	Estimated injury cost	\$8,345	\$9,570	NR	\$9,110		\$8,721

	SE 95% CI	454 (7,456-9,234)	838 (7,927-11,212)	NR NR	986 (7,178-11,041)		381 (7,975-9,467)
Struck by/against	No. enrollees: Injury	47,654		2,837		64	50,555
	No. enrollees: Control	232,091		13,476		315	245,882
	No. enrollees: Total	279,745		16,313		379	296,437
	Simple mean cost	\$5,102		\$8,027		\$7,654	\$5,266
	SE	25		144		867	25
	95% CI	(5,052-5,151)		(7,745-8,309)		(5,955-9,353)	(5,217-5,315)
	Estimated injury cost	\$3,727		\$6,094		\$9,829	\$3,860
	SE	73		465		3,022	74
95% CI	(3,584-3,871)		(5,183-7,006)		(3,905-15,752)	(3,716-4,005)	
Suffocation	No. enrollees: Injury	504	8	12	3	1	528
	No. enrollees: Control	2,452	28	57	15	5	2,557
	No. enrollees: Total	2,956	36	69	18	6	3,085
	Simple mean cost	\$6,242	NR	NR	NR	NR	\$6,393
	SE	287	NR	NR	NR	NR	284
	95% CI	(5,680-6,804)	NR	NR	NR	NR	(5,837-6,950)
	Estimated injury cost	\$7,498	NR	NR	NR	NR	\$7,534
	SE	829	NR	NR	NR	NR	820
95% CI	(5,874-9,123)	NR	NR	NR	NR	(5,927-9,142)	
Other specified, cal	No. enrollees: Injury	15,173	3	494	24	4	15,698
	No. enrollees: Control	73,993	12	2,339	113	20	76,477
	No. enrollees: Total	89,166	15	2,833	137	24	92,175
	Simple mean cost	\$5,802	NR	\$7,827	\$2,500	NR	\$5,859
	SE	48	NR	345	510	NR	48
	95% CI	(5,707-5,897)	NR	(7,152-8,503)	(1,500-3,500)	NR	(5,765-5,954)
	Estimated injury cost	\$3,788	NR	\$3,754	\$1,484	NR	\$3,787
	SE	139	NR	893	614	NR	137
95% CI	(3,516-4,060)	NR	(2,003-5,504)	(281-2,687)	NR	(3,518-4,056)	
Other specified, not	No. enrollees: Injury	15,734	109	1,234	99	3	17,179
	No. enrollees: Control	76,354	503	5,815	469	14	83,155
	No. enrollees: Total	92,088	612	7,049	568	17	100,334
	Simple mean cost	\$7,218	\$9,795	\$8,069	\$6,298	NR	\$7,289
	SE	54	868	209	563	NR	52
	95% CI	(7,111-7,324)	(8,093-11,496)	(7,658-8,480)	(5,196-7,401)	NR	(7,186-7,391)
	Estimated injury cost	\$4,948	\$10,165	\$5,806	\$5,443	NR	\$5,045
	SE	172	2,331	670	1,223	NR	166
95% CI	(4,611-5,285)	(5,597-14,733)	(4,493-7,120)	(3,047-7,840)	NR	(4,718-5,371)	
Unspecified	No. enrollees: Injury	13,039	34	948	1,927	6	15,954
	No. enrollees: Control	63,151	162	4,479	9,311	21	77,124
	No. enrollees: Total	76,190	196	5,427	11,238	27	93,078
	Simple mean cost	\$8,330	\$12,857	\$9,851	\$7,545	NR	\$8,335
	SE	66	1,724	280	160	NR	60
	95% CI	(8,201-8,459)	(9,477-16,236)	(9,301-10,401)	(7,232-7,858)	NR	(8,218-8,452)
	Estimated injury cost	\$6,308	\$16,817	\$8,107	\$7,098	NR	\$6,490
	SE	209	6,451	941	530	NR	191
95% CI	(5,899-6,717)	(4,172-29,461)	(6,263-9,951)	(6,059-8,138)	NR	(6,115-6,866)	
Adverse effects	No. enrollees: Injury					388	388
	No. enrollees: Control					1,856	1,856

	No. enrollees: Total					2,244		2,244
	Simple mean cost					\$13,288		\$13,288
	SE					\$514		\$514
	95% CI					(12,282-14,295)		(12,282-14,295)
	Estimated injury cost					\$13,322		\$13,322
	SE					\$1,861		\$1,861
	95% CI					(9,674-16,970)		(9,674-16,970)
Ecode Missing	No. enrollees: Injury						462,905	462,905
	No. enrollees: Control						2,251,035	2,251,035
	No. enrollees: Total						2,713,940	2,713,940
	Simple mean cost						\$7,999	\$7,999
	SE						\$11	\$11
	95% CI						(7,978-8,020)	(7,978-8,020)
	Estimated injury cost						\$5,544	\$5,544
	SE						\$34	\$34
	95% CI						(5,478-5,610)	(5,478-5,610)
All mechanisms	No. enrollees: Injury	318,078	1,283	5,835	3,029	476	462,905	791,606
	No. enrollees: Control	1,547,929	5,871	27,648	14,491	2,277	2,251,035	3,849,251
	No. enrollees: Total	1,866,007	7,154	33,483	17,520	2,753	2,713,940	4,640,857
	Simple mean cost	\$7,443	\$11,156	\$8,441	\$8,241	\$12,230	\$7,999	\$7,787
	SE	12	247	103	135	442	11	7,771
	95% CI	(7,419-7,467)	(10,671-11,641)	(8,239-8,643)	(7,977-8,506)	(11,363-13,097)	(7,978-8,020)	(7,771-7,803)
	Estimated injury cost	\$5,611	\$10,313	\$6,243	\$7,389	\$11,939	\$5,544	\$5,600
	SE	39	756	341	441	1,528	34	25
	95% CI	(5,534-5,688)	(8,831-11,795)	(5,576-6,911)	(6,524-8,254)	(8,945-14,933)	(5,478-5,610)	(5,550-5,650)
NR = Not reported; number of injury patients <21. Blank cells for injury types indicate no data.								

**STable 8. Number of injury and control enrollees and estimated 12-month attributable cost of medical Number of injury and control enrollees and estimated average per-person one-year attributable cost of medical care following emergency department (ED) treatment for non-fatal injuries (by mechanism and intent), October 1, 2014 through September 30, 2015, MarketScan – ED disposition: Hospitalized (2015 USD)**

Mechanism	Measure	Unintentional	Self-inflicted	Assault	Undetermined	Other	Unknown	All intent
Cut/pierce	No. enrollees: Injury	108	105	31	4			248
	No. enrollees: Control	518	459	141	17			1,135
	No. enrollees: Total	626	564	172	21			1,383
	Simple mean cost	\$13,204	\$16,721	\$17,746	NR			\$15,323
	SE	995	1,119	2,301	NR			712
	95% CI	(11,252-15,155)	(14,529-18,914)	(13,235-22,256)	NR			(13,927-16,720)
	Estimated injury cost	\$58,151	\$35,648	\$80,508	NR			\$49,183
	SE	9,053	4,994	22,836	NR			4,794
95% CI	(40,408-75,894)	(25,861-45,436)	(35,750-125,267)	NR			(39,788-58,578)	
Drowning/submersi	No. enrollees: Injury	24						24
	No. enrollees: Control	111						111
	No. enrollees: Total	135						135
	Simple mean cost	\$17,347						\$17,347
	SE	2,681						2,681
	95% CI	(12,091-22,602)						(12,091-22,602)
	Estimated injury cost	\$29,933						\$29,933
SE	7,881						7,881	
95% CI	(14,486-45,379)						(14,486-45,379)	
Fall	No. enrollees: Injury	5,333	2		6			5,341
	No. enrollees: Control	25,612	10		24			25,646
	No. enrollees: Total	30,945	12		30			30,987
	Simple mean cost	\$19,999	NR		NR			\$20,006
	SE	167	NR		NR			167
	95% CI	(19,671-20,327)	NR		NR			(19,678-20,334)
	Estimated injury cost	\$48,558	NR		NR			\$48,559
	SE	851	NR		NR			850
95% CI	(46,890-50,225)	NR		NR			(46,893-50,225)	
Fire/burn	No. enrollees: Injury	225	3	1	2			231
	No. enrollees: Control	1,069	13	5	10			1,097
	No. enrollees: Total	1,294	16	6	12			1,328
	Simple mean cost	\$14,212	NR	NR	NR			\$14,403
	SE	763	NR	NR	NR			762
	95% CI	(12,718-15,707)	NR	NR	NR			(12,909-15,897)
	Estimated injury cost	\$62,772	NR	NR	NR			\$65,289
	SE	6,025	NR	NR	NR			6,383
95% CI	(50,963-74,581)	NR	NR	NR			(52,777-77,800)	
Fire/flame	No. enrollees: Injury	90	1		2			93
	No. enrollees: Control	428	5		10			443
	No. enrollees: Total	518	6		12			536
	Simple mean cost	\$17,470	NR		NR			\$17,639

	SE	1,362	NR		NR			1,351
	95% CI	(14,800-20,140)	NR		NR			(14,992-20,287)
	Estimated injury cost	\$85,788	NR		NR			\$87,654
	SE	14,063	NR		NR			14,203
	95% CI	(58,226-113,351)	NR		NR			(59,816-115,491)
Hot object/substance	No. enrollees: Injury	135	2	1				138
	No. enrollees: Control	641	8	5				654
	No. enrollees: Total	776	10	6				792
	Simple mean cost	\$12,038	NR	NR				\$12,213
	SE	881	NR	NR				886
	95% CI	(10,310-13,765)	NR	NR				(10,477-13,949)
	Estimated injury cost	\$54,697	NR	NR				\$56,011
	SE	6,698	NR	NR				6,872
	95% CI	(41,568-67,825)	NR	NR				(42,541-69,481)
Firearm	No. enrollees: Injury	125	10	38	15	3		191
	No. enrollees: Control	585	50	169	67	15		886
	No. enrollees: Total	710	60	207	82	18		1,077
	Simple mean cost	\$17,936	NR	\$18,756	NR	NR		\$17,993
	SE	1,197	NR	2,368	NR	NR		976
	95% CI	(15,590-20,282)	NR	(14,115-23,396)	NR	NR		(16,081-19,906)
	Estimated injury cost	\$74,666	NR	\$107,400	NR	NR		\$72,280
	SE	8,947	NR	29,436	NR	NR		7,497
	95% CI	(57,130-92,203)	NR	(49,706-165,094)	NR	NR		(57,587-86,973)
Machinery	No. enrollees: Injury	33						33
	No. enrollees: Control	162						162
	No. enrollees: Total	195						195
	Simple mean cost	\$16,305						\$16,305
	SE	1,819						1,819
	95% CI	(12,741-19,870)						(12,741-19,870)
	Estimated injury cost	\$46,792						\$46,792
	SE	9,558						9,558
	95% CI	(28,059-65,525)						(28,059-65,525)
Motor vehicle traffic	No. enrollees: Injury	1,781	4					1,785
	No. enrollees: Control	8,647	20					8,667
	No. enrollees: Total	10,428	24					10,452
	Simple mean cost	\$16,900	NR					\$16,894
	SE	294	NR					294
	95% CI	(16,323-17,476)	NR					(16,318-17,469)
	Estimated injury cost	\$74,004	NR					\$74,058
	SE	2,584	NR					2,588
	95% CI	(68,938-79,069)	NR					(68,986-79,129)
Occupant	No. enrollees: Injury	881						881
	No. enrollees: Control	4,272						4,272
	No. enrollees: Total	5,153						5,153
	Simple mean cost	\$16,894						\$16,894
	SE	413						413
	95% CI	(16,084-17,704)						(16,084-17,704)
	Estimated injury cost	69,730						69,730
	SE	3,301						3,301

	95% CI	(63,260-76,200)						(63,260-76,200)
Motorcyclist	No. enrollees: Injury	353						353
	No. enrollees: Control	1,732						1,732
	No. enrollees: Total	2,085						2,085
	Simple mean cost	\$16,947						\$16,947
	SE	676						676
	95% CI	(15,622-18,273)						(15,622-18,273)
	Estimated injury cost	\$82,311						\$82,311
	SE	6,172						6,172
	95% CI	(70,215-94,407)						(70,215-94,407)
Pedal cyclist	No. enrollees: Injury	21						21
	No. enrollees: Control	96						96
	No. enrollees: Total	117						117
	Simple mean cost	\$14,934						\$14,934
	SE	2,559						2,559
	95% CI	(9,918-19,950)						(9,918-19,950)
	Estimated injury cost	\$61,825						\$61,825
	SE	11,747						11,747
	95% CI	(38,801-84,850)						(38,801-84,850)
Pedestrian	No. enrollees: Injury	127						127
	No. enrollees: Control	602						602
	No. enrollees: Total	729						729
	Simple mean cost	\$17,473						\$17,473
	SE	1,160						1,160
	95% CI	(15,199-19,748)						(15,199-19,748)
	Estimated injury cost	\$99,072						\$99,072
	SE	14,179						14,179
	95% CI	(71,281-126,864)						(71,281-126,864)
Unspecified MV	No. enrollees: Injury	373						373
	No. enrollees: Control	1,821						1,821
	No. enrollees: Total	2,194						2,194
	Simple mean cost	\$16,585						\$16,585
	SE	631						631
	95% CI	(15,349-17,821)						(15,349-17,821)
	Estimated injury cost	\$72,240						\$72,240
	SE	5,925						5,925
	95% CI	(60,627-83,853)						(60,627-83,853)
Other pedal cyclist	No. enrollees: Injury	195						195
	No. enrollees: Control	951						951
	No. enrollees: Total	1,146						1,146
	Simple mean cost	\$12,512						\$12,512
	SE	682						682
	95% CI	(11,175-13,850)						(11,175-13,850)
	Estimated injury cost	\$48,338						\$48,338
	SE	4,115						4,115
	95% CI	(40,272-56,404)						(40,272-56,404)
Other pedestrian	No. enrollees: Injury	15						15
	No. enrollees: Control	67						67
	No. enrollees: Total	82						82

	Simple mean cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
	Estimated injury cost	NR						NR
	SE	NR						NR
	95% CI	NR						NR
Other transport	No. enrollees: Injury	352						352
	No. enrollees: Control	1,727						1,727
	No. enrollees: Total	2,079						2,079
	Simple mean cost	\$13,868						\$13,868
	SE	583						583
	95% CI	(12,725-15,011)						(12,725-15,011)
	Estimated injury cost	\$60,619						\$60,619
	SE	4,403						4,403
	95% CI	(51,988-69,249)						(51,988-69,249)
Natural/environment	No. enrollees: Injury	48	1					49
	No. enrollees: Control	232	5					237
	No. enrollees: Total	280	6					286
	Simple mean cost	\$17,182	NR					\$17,001
	SE	1,677	NR					1,646
	95% CI	(13,896-20,469)	NR					(13,775-20,227)
	Estimated injury cost	\$34,372	NR					\$34,116
	SE	7,561	NR					7,666
	95% CI	(19,553-49,191)	NR					(19,091-49,141)
Bites and stings	No. enrollees: Injury	165						165
	No. enrollees: Control	809						809
	No. enrollees: Total	974						974
	Simple mean cost	\$12,165						\$12,165
	SE	730						730
	95% CI	(10,733-13,596)						(10,733-13,596)
	Estimated injury cost	\$48,833						\$48,833
	SE	6,117						6,117
	95% CI	(36,844-60,822)						(36,844-60,822)
Overexertion	No. enrollees: Injury	140						140
	No. enrollees: Control	682						682
	No. enrollees: Total	822						822
	Simple mean cost	\$15,146						\$15,146
	SE	868						868
	95% CI	(13,444-16,848)						(13,444-16,848)
	Estimated injury cost	\$53,232						\$53,232
	SE	5,304						5,304
	95% CI	(42,836-63,628)						(42,836-63,628)
Poisoning	No. enrollees: Injury	321	1,329	1	295			1,946
	No. enrollees: Control	1,482	5,977	5	1,344			8,808
	No. enrollees: Total	1,803	7,306	6	1,639			10,754
	Simple mean cost	\$16,556	\$15,850	NR	\$17,474			\$16,221
	SE	617	293	NR	673			247
	95% CI	(15,347-17,766)	(15,276-16,424)	NR	(16,156-18,792)			(15,737-16,705)
	Estimated injury cost	\$28,666	\$23,315	NR	\$27,586			\$24,538



	SE	2,296	993	NR	2,454		866
	95% CI	(24,165-33,167)	(21,368-25,262)	NR	(22,777-32,395)		(22,841-26,235)
Struck by/against	No. enrollees: Injury	333		67		1	401
	No. enrollees: Control	1,612		314		5	1,931
	No. enrollees: Total	1,945		381		6	2,332
	Simple mean cost	\$12,595		\$17,402		NR	\$13,360
	SE	552		1,390		NR	515
	95% CI	(11,514-13,677)		(14,678-20,126)		NR	(12,351-14,369)
	Estimated injury cost	\$48,371		\$55,988		NR	\$51,507
	SE	4,134		10,177		NR	4,069
	95% CI	(40,269-56,473)		(36,041-75,936)		NR	(43,532-59,483)
Suffocation	No. enrollees: Injury	16	19		4		39
	No. enrollees: Control	77	81		20		178
	No. enrollees: Total	93	100		24		217
	Simple mean cost	NR	NR		NR		\$13,647
	SE	NR	NR		NR		1,712
	95% CI	NR	NR		NR		(10,291-17,003)
	Estimated injury cost	NR	NR		NR		\$47,996
	SE	NR	NR		NR		12,428
	95% CI	NR	NR		NR		(23,638-72,353)
Other specified, cal	No. enrollees: Injury	182	3	9	1		195
	No. enrollees: Control	858	14	44	5		921
	No. enrollees: Total	1,040	17	53	6		1,116
	Simple mean cost	\$13,619	NR	NR	NR		\$14,031
	SE	798	NR	NR	NR		788
	95% CI	(12,056-15,183)	NR	NR	NR		(12,487-15,574)
	Estimated injury cost	\$50,310	NR	NR	NR		\$51,371
	SE	6,330	NR	NR	NR		6,035
	95% CI	(37,904-62,716)	NR	NR	NR		(39,542-63,201)
Other specified, not	No. enrollees: Injury	155	16	21	2		194
	No. enrollees: Control	738	60	101	10		909
	No. enrollees: Total	893	76	122	12		1,103
	Simple mean cost	\$17,064	NR	\$18,030	NR		\$17,309
	SE	931	NR	2,562	NR		836
	95% CI	(15,239-18,889)	NR	(13,008-23,053)	NR		(15,671-18,947)
	Estimated injury cost	\$66,870	NR	\$20,129	NR		\$56,131
	SE	8,159	NR	7,324	NR		6,107
	95% CI	(50,879-82,860)	NR	(5,774-34,485)	NR		(44,162-68,100)
Unspecified	No. enrollees: Injury	244	86	46	70	1	447
	No. enrollees: Control	1,178	403	222	333	4	2,140
	No. enrollees: Total	1,422	489	268	403	5	2,587
	Simple mean cost	\$18,895	\$17,230	\$16,424	\$18,443	NR	\$18,257
	SE	778	1,209	1,622	1,511	NR	565
	95% CI	(17,370-20,420)	(14,860-19,599)	(13,246-19,602)	(15,481-21,405)	NR	(17,150-19,364)
	Estimated injury cost	\$51,445	\$27,759	\$33,137	\$56,642	NR	\$51,846
	SE	4,722	3,925	7,908	9,279	NR	3,427
	95% CI	(42,190-60,701)	(20,065-35,453)	(17,637-48,636)	(38,457-74,828)	NR	(45,129-58,563)
Adverse effects	No. enrollees: Injury					45	45
	No. enrollees: Control					208	208

	No. enrollees: Total					253		253
	Simple mean cost					\$21,851		\$21,851
	SE					\$1,996		\$1,996
	95% CI					(17,939-25,763)		(17,939-25,763)
	Estimated injury cost					\$56,781		\$56,781
	SE					\$12,464		\$12,464
	95% CI					(32,351-81,211)		(32,351-81,211)
Ecode Missing	No. enrollees: Injury						14,410	14,410
	No. enrollees: Control						68,602	68,602
	No. enrollees: Total						83,012	83,012
	Simple mean cost						\$18,768	\$18,768
	SE						\$101	\$101
	95% CI						(18,569-18,966)	(18,569-18,966)
	Estimated injury cost						\$48,040	\$48,040
	SE						\$571	\$571
	95% CI						(46,922-49,159)	(46,922-49,159)
All mechanisms	No. enrollees: Injury	9,795	1,578	214	399	50	14,410	26,446
	No. enrollees: Control	47,117	7,092	1,001	1,830	232	68,602	125,874
	No. enrollees: Total	56,912	8,670	1,215	2,229	282	83,012	152,320
	Simple mean cost	\$18,023	\$16,127	\$17,519	\$17,547	\$20,793	\$18,768	\$18,315
	SE	121	274	834	587	1,857	101	18,170
	95% CI	(17,786-18,260)	(15,590-16,664)	(15,885-19,153)	(16,397-18,698)	(17,153-24,434)	(18,569-18,966)	(18,170-18,460)
	Estimated injury cost	\$56,731	\$25,400	\$59,405	\$37,817	\$57,637	\$48,040	\$49,665
	SE	859	964	7,009	2,776	12,557	571	449
	95% CI	(55,046-58,415)	(23,511-27,289)	(45,667-73,143)	(32,376-43,257)	(33,025-82,248)	(46,922-49,159)	(48,785-50,545)
NR = Not reported; number of injury patients <21. Blank cells for injury types indicate no data.								



		SE	154	536	80		119	7,908	2,473	119	1,025	664		242		54	
		95% CI	(9,765-10,370)	(11,748-13,850)	(4,825-5,139)		(3,769-4,236)	(24,874-55,873)	(-0,412-9,282)	(5,039-5,504)	(2,976-6,992)	(5,035-7,636)		(5,852-6,803)		(5,880-6,091)	
Total3		No. enrollees: Injury	103,009	14,474	109,974		94,567	645	41	79,536	1,581	6,889		138		428,537	
		No. enrollees: Control	504,561	70,867	533,138		462,346	3,166	201	394,446	7,693	33,436		677		2,086,274	
		No. enrollees: Total	607,570	85,341	643,112		556,913	3,811	242	463,982	9,274	40,325		815		2,514,811	
		Simple mean cost	\$7,732	\$6,374	\$7,481		\$7,405	\$7,953	\$10,379	\$8,427	\$5,629	\$7,058		\$10,587		\$7,621	
		SE	22	21	21		23	267	1,233	27	154		83		11		
		95% CI	(7,690-7,775)	(6,272-6,476)	(7,440-7,522)		(7,361-7,449)	(7,430-8,477)	(7,962-12,797)	(8,374-8,480)	(5,327-5,930)	(6,897-7,220)		(9,111-12,062)		(7,599-7,642)	
		Estimated injury cost	\$9,347	\$7,307	\$4,718		\$3,471	\$7,196	\$4,663	\$3,187	\$4,200		\$5,245		\$5,676		
		SE	82	178	64		66	891	2,391	81	429		250		35		
		95% CI	(9,187-9,507)	(6,958-7,657)	(4,593-4,844)		(3,342-3,600)	(5,449-8,943)	(1,617-10,988)	(4,503-4,823)	(2,347-4,028)		(4,426-13,947)		(5,608-5,744)		
Unclassifiable by s	Other or multiple	No. enrollees: Injury	2,880	70	5,537		2,582	2,094	6	7,116	10	117		75		660	
		No. enrollees: Control	13,853	336	26,831		12,269	10,155	30	34,169	50	571		362		3,177	
		No. enrollees: Total	16,733	406	32,368		14,851	12,249	36	41,285	60	688		437		3,837	
		Simple mean cost	\$10,110	\$14,372	\$8,914		\$13,061	\$8,964	NR	\$8,275	NR	\$7,284		\$9,259		\$8,984	
		SE	154	1,291	104		190	172	NR	89	NR	543		929		309	
		95% CI	(9,809-10,411)	(11,842-16,902)	(8,711-9,118)		(12,688-13,434)	(8,628-9,300)	NR	(8,101-8,448)	NR	(6,220-8,348)		(7,437-11,080)		(8,377-9,590)	
		Estimated injury cost	\$10,710	\$12,860	\$4,882		\$11,217	\$5,858	NR	\$4,262	NR	\$1,607		\$3,652		\$5,750	
		SE	544	2,752	324		581	505	NR	236	NR	531		1,754		739	
		95% CI	(9,644-11,777)	(7,467-18,252)	(4,247-5,518)		(10,079-12,356)	(4,869-6,847)	NR	(3,800-4,723)	NR	(0,566-2,648)		(0,213-7,090)		(4,301-7,198)	
	System-wide	No. enrollees: Injury														43,001	
		No. enrollees: Control														207,966	
		No. enrollees: Total														250,967	
		Simple mean cost														\$7,767	
		SE														35	
		95% CI														(7,698-7,836)	
		Estimated injury cost														\$5,407	
		SE														107	
		95% CI														(5,197-5,618)	
	Total4	No. enrollees: Injury	2,880	70	5,537		2,582	2,094	6	7,116	10	117		75		660	
		No. enrollees: Control	13,853	336	26,831		12,269	10,155	30	34,169	50	571		362		3,177	
		No. enrollees: Total	16,733	406	32,368		14,851	12,249	36	41,285	60	688		437		3,837	
		Simple mean cost	\$10,110	\$14,372	\$8,914		\$13,061	\$8,964	NR	\$8,275	NR	\$7,284		\$9,259		\$8,984	
		SE	154	1,291	104		190	172	NR	89	NR	543		929		309	
		95% CI	(9,809-10,411)	(11,842-16,902)	(8,711-9,118)		(12,688-13,434)	(8,628-9,300)	NR	(8,101-8,448)	NR	(6,220-8,348)		(7,437-11,080)		(8,377-9,590)	
		Estimated injury cost	\$10,710	\$12,860	\$4,882		\$11,217	\$5,858	NR	\$4,262	NR	\$1,607		\$3,652		\$5,750	
		SE	544	2,752	324		581	505	NR	236	NR	531		1,754		739	
		95% CI	(9,644-11,777)	(7,467-18,252)	(4,247-5,518)		(10,079-12,356)	(4,869-6,847)	NR	(3,800-4,723)	NR	(0,566-2,648)		(0,213-7,090)		(4,301-7,198)	
All body regions	All body regions	No. enrollees: Injury	128,263	15,008	177,213		28,050	175,877	98	158,157	1,611	9,725		251		53,707	
		No. enrollees: Control	627,312	73,461	859,460		136,583	859,209	3,166	477	765,040	7,838	47,209		1,220		260,310
		No. enrollees: Total	755,575	88,469	1,036,673		164,633	1,035,086	3,811	575	923,197	9,449	56,934		1,471		314,017
		Simple mean cost	\$8,460	\$6,464	\$8,049		\$7,486	\$6,757	\$7,953	\$11,839	\$8,416	\$5,615		\$7,017		\$9,710	
		SE	21	52	17		42	16	267	895	19	152		69		528	
		95% CI	(8,419-8,500)	(6,363-6,565)	(8,015-8,082)		(7,403-7,568)	(6,726-6,788)	(7,430-8,477)	(10,085-13,594)	(8,378-8,453)	(5,318-5,913)		(6,881-7,153)		(8,676-10,744)	
		Estimated injury cost	\$9,917	\$7,323	\$4,826		\$6,915	\$3,665	\$7,157	\$11,754	\$4,779	\$3,166		\$4,487		\$5,710	
		SE	78	175	53		135	46	895	2,701	57	422		214		1,553	
		95% CI	(9,765-10,070)	(6,980-7,666)	(4,723-4,929)		(6,652-7,179)	(3,575-3,755)	(5,403-8,910)	(6,461-17,047)	(4,668-4,891)	(2,339-3,993)		(4,068-4,905)		(4,198-10,286)	
																(5,519-5,901)	
																(5,197-5,618)	
																(5,519-5,619)	

NR = Not reported; number of injury patients &lt;21. Blank cells for injury types indicate no data.



		SE	806	14,065	4,357	4,123	NR	NR	4,050	NR	8,269	32,725	776
		95% CI	(53,688-56,848)	(43,968-99,100)	(28,647-45,728)	(33,273-49,436)	NR	NR	(35,226-51,100)	NR	(50,359-82,772)	(-18,134-110,146)	(53,196-56,237)
Total3	No. enrollees: Injury	8,911	95	201	692	31	16	306	10	264	5	57	10,588
	No. enrollees: Control	42,926	453	963	3,227	151	60	1,446	49	1,263	25	263	50,951
	No. enrollees: Total	51,837	553	1,164	3,919	182	96	1,752	99	1,527	30	320	61,499
	Simple mean cost	\$19,450	\$20,295	\$18,377	\$15,020	\$15,333	NR	\$17,975	NR	\$12,645	NR	\$17,754	\$18,917
	SE	129	1,296	816	404	2,051	NR	675	NR	1,553	NR	1,553	117
	95% CI	(19,196-19,704)	(17,756-22,835)	(16,777-19,977)	(14,229-15,812)	(11,314-19,352)	NR	(16,651-19,299)	NR	(11,381-13,910)	NR	(14,711-20,798)	(18,687-19,147)
Unclassifiable by site	Other or multiple	77	2	24	43	52	1	38	8	1	49	6,013	6,308
	No. enrollees: Injury	367	10	116	205	249	5	181	40	5	228	27,652	29,058
	No. enrollees: Control	444	12	140	248	301	6	219	48	6	277	33,665	35,366
	No. enrollees: Total	\$19,249	NR	\$17,410	\$16,988	\$17,080	NR	\$16,290	NR	NR	NR	\$16,730	\$17,572
	Simple mean cost	SE	1,425	NR	2,254	1,760	1,590	NR	1,877	NR	NR	\$1,660	\$1,660
	95% CI	(16,455-22,042)	NR	(12,993-21,827)	(13,539-20,437)	(13,963-20,197)	NR	(12,612-19,968)	NR	NR	NR	(13,477-19,983)	(16,319-19,012)
System-wide	Estimated injury cost	\$62,772	NR	\$23,148	\$29,702	\$53,552	NR	\$53,343	NR	NR	NR	\$36,838	\$51,626
	SE	9,600	NR	11,535	5,531	11,463	NR	14,441	NR	NR	NR	6,712	4,316
	95% CI	(43,957-81,588)	NR	(0,540-45,755)	(18,862-40,542)	(31,084-76,020)	NR	(25,039-81,646)	NR	NR	NR	(23,683-49,992)	(43,168-60,085)
	No. enrollees: Injury												6,013
	No. enrollees: Control												27,652
	No. enrollees: Total												33,665
Total4	Simple mean cost	\$19,249	NR	\$17,410	\$16,988	\$17,080	NR	\$16,290	NR	NR	NR	\$16,730	\$17,572
	SE	1,425	NR	2,254	1,760	1,590	NR	1,877	NR	NR	NR	1,660	1,660
	95% CI	(16,455-22,042)	NR	(12,993-21,827)	(13,539-20,437)	(13,963-20,197)	NR	(12,612-19,968)	NR	NR	NR	(13,477-19,983)	(17,275-17,860)
	Estimated injury cost	\$62,772	NR	\$23,148	\$29,702	\$53,552	NR	\$53,343	NR	NR	NR	\$36,838	\$51,626
	SE	9,600	NR	11,535	5,531	11,463	NR	14,441	NR	NR	NR	6,712	4,316
	95% CI	(43,957-81,588)	NR	(0,540-45,755)	(18,862-40,542)	(31,084-76,020)	NR	(25,039-81,646)	NR	NR	NR	(23,683-49,992)	(28,559-30,799)
All body regions	All body regions	14,679	129	361	2,400	1,171	31	28	675	12	604	6	337
	No. enrollees: Injury	70,827	628	1,739	11,505	5,513	151	140	3,188	59	2,872	30	1,570
	No. enrollees: Control	85,506	757	2,100	13,905	6,694	162	168	3,863	71	3,476	36	1,907
	No. enrollees: Total	\$19,081	\$20,308	\$18,115	\$17,902	\$15,666	\$15,333	\$20,405	\$17,973	NR	\$14,151	NR	\$17,546
	Simple mean cost	SE	101	1,116	607	246	319	2,051	2,340	455	NR	464	NR
	95% CI	(18,882-19,279)	(18,120-22,496)	(16,924-19,305)	(17,420-18,383)	(15,041-16,292)	(11,314-19,352)	(15,820-24,991)	(17,082-18,865)	NR	(13,241-15,060)	NR	(16,296-18,797)
All body regions	Estimated injury cost	\$58,352	\$60,888	\$42,591	\$50,828	\$41,973	\$64,713	\$45,270	\$41,727	NR	\$62,746	NR	\$40,386
	SE	689	6,999	3,111	1,555	1,928	18,565	11,208	2,305	NR	3,648	NR	3,335
	95% CI	(57,002-59,702)	(46,970-74,405)	(36,494-48,688)	(47,780-53,875)	(38,195-45,752)	(28,327-101,099)	(23,303-67,236)	(37,209-46,244)	NR	(55,595-69,896)	NR	(33,849-46,922)
	No. enrollees: Injury												6,013
	No. enrollees: Control												27,652
	No. enrollees: Total												33,665

NR = Not reported; number of injury patients &lt;21. Blank cells for injury types indicate no data.

**STable 11. Characteristics of non-fatal injury patients and control enrollees after matching**

Measure	Commercial & Medicare			Medicaid		
	Injury n (%)	Control n (%)	p-value n (%)	Injury n (%)	Control n (%)	p-value n (%)
Total	617,580	3,045,287		200,473	929,840	
Age (Mean±SE)	36.8 (0.03)	36.7 (0.01)	0.0058	31.6 (0.06)	31.8 (0.03)	0.0601
Sex			0.9209			0.0825
Male	310,812 (50.3)	1,532,825 (50.3)		89,005 (44.4)	410,851 (44.2)	
Female	306,768 (49.7)	1,512,462 (49.7)		111,468 (55.6)	518,989 (55.8)	
Race			NA			<.0001
White	NR	NR		103,876 (51.8)	484,179 (52.1)	
Black	NR	NR		63,635 (31.7)	302,904 (32.6)	
Hispanic	NR	NR		10,948 (5.5)	50,911 (5.5)	
Other	NR	NR		3,995 (2.0)	15,738 (1.7)	
Unknown/missing	NR	NR		18,019 (9.0)	76,108 (8.2)	
Region			<.0001			NA
Northeast	123,054 (19.9)	605,942 (19.9)		NR	NR	
North central	160,282 (26.0)	787,557 (25.9)		NR	NR	
South	252,031 (40.8)	1,249,606 (41.0)		NR	NR	
West	81,307 (13.2)	398,625 (13.1)		NR	NR	
Unknown/missing	906 (0.1)	3,557 (0.1)		NR	NR	
Health Insurance Plan Type			<.0001			<.0001
Comprehensive	50,676 (8.2)	243,650 (8.0)		199,800 (99.7)	927,944 (99.8)	
Exclusive Provider Organization	2,449 (0.4)	9,027 (0.3)		0	0	
Health Maintenance Organization	67,557 (10.9)	331,656 (10.9)		673 (0.3)	1,896 (0.2)	
Non-Capitated Point-of-Service	37,847 (6.1)	181,911 (6.0)		0	0	
Preferred Provider Organization	365,824 (59.2)	1,820,050 (59.8)		0	0	
Consumer-Driven Health Plan	60,650 (9.8)	299,606 (9.8)		0	0	
High Deductible Health Plan	32,577 (5.3)	159,387 (5.2)		0	0	
Basis of Medicaid Eligibility						<.0001
Blind or disabled person	NA	NA	NA	66,602 (33.2)	306,233 (32.9)	
Child (e.g., child of unemployed adult, foster care child)	NA	NA		70,452 (35.1)	338,217 (36.4)	
Adult	NA	NA		47,833 (23.9)	216,686 (23.3)	
Eligibility status unknown	NA	NA		15,509 (7.7)	68,533 (7.4)	
Breast and Cervical Cancer Prevention and Treatment Act of 2000	NA	NA		77 (0.0)	171 (0.0)	

NA = Not applicable; NR = Not reported.