



SUMMARY STATISTICS CHIRPP DATABASE

For the year 1999

WHAT IS CHIRPP?

CHIRPP is a computerized information system that collects and analyzes data on injuries to people (mainly children) who are seen at the emergency rooms of ten children's hospitals and six general hospitals in Canada. Data collection began in April 1990 at the children's hospitals and between 1991 and 1994 in the general hospitals. CHIRPP is a program of the Child Injury Division of the Bureau of Reproductive and Child Health, Laboratory Centre for Disease Control (LCDC), Health Canada.

LIMITATIONS OF CHIRPP DATA

This summary is created with information from the database of the Canadian Hospitals Injury Reporting and Prevention Program (CHIRPP). It is important to note that the injuries described herein do not represent all injuries in Canada — only those seen at the emergency departments of the sixteen hospitals in the CHIRPP network. Since the bulk of CHIRPP data comes from children's hospitals located in urban areas, the following groups are under-represented in the data: older adolescents and adults seen at general hospitals, native people, and people living in rural areas.

SUGGESTED REFERENCE AND REPORTING INFORMATION

This summary and data from it may be copied and circulated freely, provided that the source is acknowledged. The following citation is recommended:

Injury data were obtained from the database of the Canadian Hospitals Injury Reporting and Prevention Program (CHIRPP), Health Canada.

If data from this summary are included in any other document or publication, it should be noted, where appropriate, that the information comes from sixteen hospitals (ten children's and six general) across Canada.

For additional information on the CHIRPP program, please contact the Child Injury Division, Laboratory Centre for Disease Control by phone at (613) 941-9918 or by FAX at (613) 941-9927.

INDEX OF TABLES

AGE AND SEX DISTRIBUTION OF INJURED PERSONS

Note: This distribution only includes the 10 pediatric and 6 general hospitals that participate in CHIRPP. For this reason, older adolescents and adults are under-represented.

WHERE THE INJURY OCCURRED (LOCATION)

This variable provides a general description of the place where the person was when the injury occurred.

WHERE THE INJURY OCCURRED (AREA)

This variable indicates the specific part of the place where the person was when the injury occurred.

Note: In many records either a general location or a specific area is identified.

INCIDENT TYPE (INJURY GROUP)

This variable is used to facilitate the identification of certain types of injuries.

WHAT WENT WRONG (BREAKDOWN EVENT)

This variable describes how things went wrong and led to the injury.

MECHANISM OF INJURY

This variable describes the type of energy transfer or lack of vital substance that caused the injury.

ACTIVITY (CONTEXT)

This variable describes the activity of the person at the time of injury.

SAFETY EQUIPMENT OR DEVICES USED

This variable is used to indicate all safety equipment in use (or engaged) when the injury occurred.
This variable is only relevant in a fraction of the injury events.

Note: As many as three safety devices may be listed on each patient's record. For this reason, the sum of safety devices in each age group exceeds the number of patients in that age group.

TREATMENT PROVIDED IN THE EMERGENCY DEPARTMENT

This variable indicates how a person was treated (care received) while at the hospital emergency department. This variable is often used as an indicator of the severity of the injury.

Note: Fatalities include patients who were dead on arrival or who died in the emergency department. The database does not include records on people who died and were not taken to the hospital or those who died after admission.

NATURE OF INJURY

This variable indicates the type of injury suffered by the injured person.

Note: As many as three injuries may be listed on each patient's record. For this reason, the sum of injuries in each age group exceeds the number of patients in that age group.

BODY PART INJURED

This variable indicates the body part affected by the injury.

Note: As many as three injuries may be listed on each patient's record. For this reason, the sum of injuries in each age group exceeds the number of patients in that age group.

AGE AND SEX DISTRIBUTION OF INJURED PERSONS

AGE GROUP	NUMBER	PERCENT MALE
<1 year	3,843	54.3%
1-4 years	26,767	56.6%
5-9 years	23,018	58.4%
10-14 years	26,858	61.4%
15-19 years	10,908	63.3%
20-64 years	16,077	62.7%
65 + years	2,248	36.1%
TOTAL	109,719	59.2%

Note: This distribution only includes the 10 children's and 5 general hospitals that participate in CHIRPP. For this reason, older adolescents and adults are under-represented.

WHERE THE INJURY OCCURRED (LOCATION)

LOCATIONS	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Own home	2,751	71.6%	16,162	60.4%	7,359	32.0%	4,757	17.7%	1,600	14.7%	3,646	22.7%	906	40.3%	37,181	33.9%
Other home	193	5.0%	2,531	9.5%	2,009	8.7%	1,542	5.7%	555	5.1%	864	5.4%	97	4.3%	7,791	7.1%
Residential institution	4	0.1%	15	0.06%	9	0.04%	68	0.3%	81	0.7%	132	0.8%	153	6.8%	462	0.4%
School	35	0.9%	1,360	5.1%	5,032	21.9%	7,829	29.1%	2,287	21.0%	412	2.6%	6	0.3%	16,961	15.5%
Other institution or public administration area	10	0.3%	163	0.6%	273	1.2%	342	1.3%	117	1.1%	190	1.2%	18	0.8%	1,113	1.0%
Hospital or other health services location	23	0.6%	99	0.4%	40	0.2%	31	0.1%	25	0.2%	288	1.8%	42	1.9%	548	0.5%
Public park	27	0.7%	890	3.3%	1,355	5.9%	1,280	4.8%	446	4.1%	264	1.6%	18	0.8%	4,280	3.9%
Stadium or arena	1	0.03%	59	0.2%	401	1.7%	1,636	6.1%	865	7.9%	344	2.1%	7	0.3%	3,313	3.0%
Other sports or recreational facility	20	0.5%	328	1.2%	1,001	4.3%	2,520	9.4%	1,011	9.3%	483	3.0%	23	1.0%	5,386	4.9%
Street, highway, or public road	166	4.3%	786	2.9%	1,862	8.1%	2,454	9.1%	1,185	10.9%	1,727	10.7%	221	9.8%	8,401	7.7%
Trade or service area	108	2.8%	982	3.7%	397	1.7%	284	1.1%	427	3.9%	1,417	8.8%	91	4.0%	3,706	3.4%
Industrial or construction area	0	0%	1	<0.01%	5	0.02%	5	0.02%	45	0.4%	571	3.6%	4	0.2%	631	0.6%
Other specified place	5	0.1%	117	0.4%	216	0.9%	284	1.1%	147	1.3%	445	2.8%	23	1.0%	1,237	1.1%
Unknown	500	13.0%	3,274	12.2%	3,059	13.3%	3,826	14.2%	2,117	19.4%	5,294	32.9%	639	28.4%	18,709	17.1%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable provides a general description of the place where the person situated when the injury occurred.

Note: In many records either a general location or a specific area is identified.

WHERE THE INJURY OCCURRED (AREA)

AREAS	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Room (eg. kitchen, bedroom, classroom)	1,933	50.3%	11,023	41.2%	4,113	17.9%	2,715	10.1%	1,046	9.6%	1,962	12.2%	513	22.8%	23,305	21.2%
Structure (eg. garage, barn)	2	0.05%	95	0.4%	116	0.5%	145	0.5%	70	0.6%	331	2.1%	34	1.5%	793	0.7%
Part of building or structure (eg. stairs, balcony)	325	8.5%	1,716	6.4%	850	3.7%	907	3.4%	365	3.3%	786	4.9%	204	9.1%	5,153	4.7%
Part of grounds, site, or street	277	7.2%	4,287	16.0%	8,648	37.6%	7,321	27.3%	1,960	18.0%	2,831	17.6%	419	18.6%	25,743	23.5%
Sports related areas	19	0.5%	303	1.1%	1,832	8.0%	6,343	23.6%	2,908	26.7%	1,253	7.8%	22	1.0%	12,680	11.6%
Body of water and shore	2	0.05%	49	0.2%	123	0.5%	198	0.7%	74	0.7%	203	1.3%	15	0.7%	664	0.6%
Other	68	1.8%	645	2.4%	189	0.8%	83	0.3%	177	1.6%	496	3.1%	39	1.7%	1,697	1.5%
Unknown	1,217	31.7%	8,649	32.3%	7,147	31.0%	9,146	34.1%	4,308	39.5%	8,215	51.1%	1,002	44.6%	39,684	36.2%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable indicates the specific part of the place where the person was when the injury occurred.

Note: In many records either a general location or a specific area is identified.

INCIDENT TYPE

INJURY GROUP	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Falls	2,484	64.6%	14,893	55.6%	12,771	55.5%	12,417	46.2%	3,493	32.0%	4,266	26.5%	1,552	69.0%	51,876	47.3%
Road traffic crash - pedestrian victim	4	0.1%	106	0.4%	242	1.1%	276	1.0%	101	0.9%	87	0.5%	21	0.9%	837	0.8%
Road traffic crash - bicyclist victim	2	0.05%	11	0.04%	125	0.5%	121	0.5%	51	0.5%	43	0.3%	3	0.1%	356	0.3%
Road traffic crash - motorcyclist victim	0	0%	1	<0.01%	11	0.05%	17	0.06%	30	0.3%	74	0.5%	4	0.2%	137	0.1%
Motor vehicle crash occupant victim	100	2.6%	302	1.1%	414	1.8%	358	1.3%	393	3.6%	1,119	7.0%	118	5.2%	2,804	2.6%

This variable is used to facilitate the identification of certain types of injuries.

Note: Column percentages for this variable refer to the percentage of all injuries for each age group.

WHAT WENT WRONG

BREAKDOWN	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Falls by the victim	2,403	62.5%	14,040	52.5%	10,393	45.2%	8,612	32.1%	2,262	20.7%	3,718	23.1%	1,427	63.5%	42,855	39.1%
Loss of control of objects or movements	225	5.9%	1,883	7.0%	3,182	13.8%	5,355	19.9%	2,473	22.7%	3,903	24.3%	324	14.4%	17,345	15.8%
Being in proximity to danger	891	23.2%	8,033	30.0%	7,637	33.2%	10,481	39.0%	4,736	43.4%	5,811	36.1%	369	16.4%	37,958	34.6%
Acts by other persons	79	2.1%	1,027	3.8%	936	4.1%	1,480	5.5%	941	8.6%	1,029	6.4%	21	0.9%	5,513	5.0%
Other events	227	5.9%	1,669	6.2%	822	3.6%	862	3.2%	462	4.2%	1,560	9.7%	103	4.6%	5,705	5.2%
Unknown	18	0.5%	115	0.4%	48	0.2%	68	0.3%	34	0.3%	56	0.3%	4	0.2%	343	0.3%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable describes how things went wrong and led to the injury.

MECHANISM OF INJURY

MECHANISM	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Mechanical	3,542	92.2%	24,907	93.1%	22,560	98.0%	26,201	97.6%	10,280	94.2%	15,277	95.0%	2,211	98.4%	104,978	95.7%
Chemical	83	2.2%	930	3.5%	138	0.6%	376	1.4%	419	3.8%	330	2.1%	9	0.4%	2,285	2.1%
Thermal	185	4.8%	761	2.8%	208	0.9%	153	0.6%	126	1.2%	284	1.8%	23	1.0%	1,740	1.6%
Electrical	4	0.1%	60	0.2%	28	0.1%	10	0.04%	9	0.08%	24	0.1%	1	0.04%	136	0.1%
Radiation	7	0.2%	6	0.02%	17	0.07%	30	0.1%	13	0.1%	54	0.3%	0	0%	127	0.1%
Asphyxiation	12	0.3%	43	0.2%	36	0.2%	46	0.2%	33	0.3%	48	0.3%	1	0.04%	219	0.2%
Other mechanism	1	0.03%	5	0.02%	2	0.01%	15	0.06%	10	0.09%	8	0.05%	1	0.04%	42	0.04%
Unknown	9	0.2%	55	0.2%	29	0.1%	27	0.1%	18	0.2%	52	0.3%	2	0.09%	192	0.2%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable describes the type of energy transfer or lack of vital substance that caused the injury.

ACTIVITY CONTEXT	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Transportation	116	3.0%	768	2.9%	2,280	9.9%	2,384	8.9%	1,039	9.5%	1,869	11.6%	201	8.9%	8,657	7.9%
Occupational and educational	0	0%	12	0.04%	65	0.3%	160	0.6%	441	4.0%	3,247	20.2%	19	0.8%	3,944	3.6%
Sports and physical recreation activities	12	0.3%	427	1.6%	3,468	15.1%	11,790	43.9%	4,874	44.7%	2,107	13.1%	43	1.9%	22,721	20.7%
Leisure or recreation	704	18.3%	11,351	42.4%	9,190	39.9%	4,707	17.5%	845	7.7%	674	4.2%	44	2.0%	27,515	25.1%
Household activities	1	0.03%	53	0.2%	89	0.4%	185	0.7%	146	1.3%	667	4.1%	88	3.9%	1,229	1.1%
Maintenance	0	0%	8	0.03%	36	0.2%	92	0.3%	100	0.9%	1,003	6.2%	114	5.1%	1,353	1.2%
Personal activities	406	10.6%	1,211	4.5%	467	2.0%	303	1.1%	117	1.1%	247	1.5%	88	3.9%	2,839	2.6%
Other events	2,453	63.8%	11,791	44.1%	6,926	30.1%	6,885	25.6%	3,162	29.0%	5,678	35.3%	1,508	67.1%	38,403	35.0%
Unknown	151	3.9%	1,146	4.3%	497	2.2%	352	1.3%	184	1.7%	585	3.6%	143	6.4%	3,058	2.8%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable describes the activity of the person at the time of injury.

SAFETY EQUIPMENT OR DEVICES USED

SAFETY EQUIPMENT	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Helmet or hard hat	5	0.1%	170	0.6%	1,199	5.2%	2,819	9.8%	1,269	10.6%	746	4.4%	9	0.4%	6,217	5.5%
Sports padding (other than helmet)	0	0%	19	0.07%	346	1.5%	2,457	8.6%	1,445	12.0%	498	2.9%	4	0.2%	4,769	4.2%
Protective boots or clothing	0	0%	1	<0.01%	4	0.02%	41	0.1%	52	0.4%	549	3.2%	2	0.09%	649	0.6%
Protective eyewear	0	0%	2	0.01%	16	0.07%	175	0.6%	118	1.0%	418	2.5%	5	0.2%	734	0.6%
Seat belt	60	1.5%	192	0.7%	316	1.4%	247	0.9%	268	2.2%	771	4.5%	83	3.7%	1,937	1.7%
Infant or child car seat	89	2.3%	141	0.5%	12	0.05%	2	0.01%	3	0.02%	1	0.01%	0	0%	248	0.2%
Inflated air bag	1	0.03%	4	0.01%	7	0.03%	22	0.08%	23	0.2%	82	0.5%	7	0.3%	146	0.1%
Other safety device	1	0.03%	8	0.03%	27	0.1%	84	0.3%	82	0.7%	84	0.5%	3	0.1%	289	0.3%
Unknown or none	3,735	96.0%	26,325	98.0%	21,348	91.7%	22,879	79.6%	8,765	72.9%	13,799	81.4%	2,146	95.0%	98,997	86.9%
TOTAL	3,891	100.0%	26,862	100.0%	23,275	100.0%	28,726	100.0%	12,025	100.0%	16,948	100.0%	2,259	100.0%	113,986	100.0%

This variable is used to indicate all safety equipment in use (or engaged) when the injury occurred.

This variable is only relevant in a fraction of the injury events.

Note: As many as three safety devices may be listed on each patient's record. For this reason, the sum of safety devices in each age group exceeds the number of patients in that age group.

TREATMENT PROVIDED BY THE EMERGENCY DEPARTMENT

TREATMENT	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Left without being seen	44	1.1%	370	1.4%	206	0.9%	209	0.8%	114	1.0%	172	1.1%	8	0.4%	1,123	1.0%
Advice only	1,725	44.9%	6,201	23.2%	4,402	19.1%	5,029	18.7%	1,745	16.0%	1,598	9.9%	130	5.8%	20,830	19.0%
Treated, medical follow-up not required	1,191	31.0%	11,298	42.2%	8,410	36.5%	9,943	37.0%	4,354	39.9%	7,099	44.2%	716	31.9%	43,011	39.2%
Treated, medical follow-up required	555	14.4%	7,250	27.1%	7,925	34.4%	9,522	35.5%	3,587	32.9%	5,302	33.0%	667	29.7%	34,808	31.7%
Short stay, observation in emergency	99	2.6%	519	1.9%	560	2.4%	654	2.4%	289	2.6%	106	0.7%	22	1.0%	2,249	2.0%
Admitted	227	5.9%	1,105	4.1%	1,495	6.5%	1,481	5.5%	802	7.4%	1,776	11.0%	701	31.2%	7,587	6.9%
Fatalities	0	0%	5	0.02%	3	0.01%	4	0.01%	6	0.06%	11	0.07%	3	0.1%	32	0.03%
Unknown	2	0.05%	19	0.07%	17	0.07%	16	0.06%	11	0.1%	13	0.08%	1	0.04%	79	0.07%
TOTAL	3,843	100.0%	26,767	100.0%	23,018	100.0%	26,858	100.0%	10,908	100.0%	16,077	100.0%	2,248	100.0%	109,719	100.0%

This variable indicates how the person was treated (care received) while at the hospital emergency department. This variable is often used as an indicator of the severity of the injury.

Note: Fatalities include patients who were dead on arrival or who died in the emergency department. The database does not include records on people who died and were not taken to the hospital or those who died after admission.

NATURE OF INJURY

NATURE	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Superficial (eg. bruise, abrasion)	808	36.8%	4,642	20.6%	5,040	23.2%	6,330	23.8%	2,708	25.0%	4,004	24.1%	637	25.1%	24,169	23.5%
Open wound	355	16.2%	7,757	34.4%	5,677	26.1%	3,311	12.5%	1,709	15.8%	3,894	23.4%	412	16.2%	23,115	22.4%
Fracture	368	16.8%	3,559	15.8%	5,630	25.9%	7,703	29.0%	2,234	20.7%	2,873	17.3%	1,068	42.1%	23,435	22.8%
Dislocation	174	7.9%	2,183	9.7%	268	1.2%	363	1.4%	278	2.6%	362	2.2%	56	2.2%	3,684	3.6%
Sprain or strain	51	2.3%	1,231	5.5%	2,613	12.0%	6,627	25.0%	2,638	24.4%	2,176	13.1%	108	4.3%	15,444	15.0%
Injury to nerve	0	0%	4	0.02%	13	0.06%	16	0.06%	13	0.1%	62	0.4%	9	0.4%	117	0.1%
Injury to blood vessel	3	0.1%	7	0.03%	25	0.1%	11	0.04%	6	0.06%	27	0.2%	2	0.08%	81	0.08%
Injury to muscle or tendon	7	0.3%	136	0.6%	309	1.4%	687	2.6%	526	4.9%	1,622	9.8%	110	4.3%	3,397	3.3%
Crushing injury	14	0.6%	255	1.1%	221	1.0%	160	0.6%	58	0.5%	81	0.5%	6	0.2%	795	0.8%
Amputation (complete or partial)	3	0.1%	57	0.3%	48	0.2%	22	0.08%	13	0.1%	54	0.3%	6	0.2%	203	0.2%
Burn or corrosion	254	11.6%	1,085	4.8%	293	1.3%	221	0.8%	143	1.3%	368	2.2%	30	1.2%	2,394	2.3%
Frostbite	0	0%	2	0.01%	10	0.05%	9	0.03%	22	0.2%	27	0.2%	2	0.08%	72	0.07%
Bite (with or without envenomation)	34	1.5%	333	1.5%	376	1.7%	275	1.0%	70	0.6%	202	1.2%	39	1.5%	1,329	1.3%
Electrical injury	3	0.1%	50	0.2%	20	0.09%	10	0.04%	9	0.08%	20	0.1%	1	0.04%	113	0.1%
Eye injury	45	2.0%	419	1.9%	477	2.2%	324	1.2%	175	1.6%	621	3.7%	25	1.0%	2,086	2.0%
Dental injury	25	1.1%	446	2.0%	353	1.6%	175	0.7%	59	0.5%	37	0.2%	3	0.1%	1,098	1.1%
Injury to internal organ	4	0.2%	26	0.1%	74	0.3%	87	0.3%	55	0.5%	106	0.6%	12	0.5%	364	0.4%
Foreign body in external eye	0	0%	6	0.03%	4	0.02%	2	0.01%	0	0%	8	0.05%	0	0%	20	0.02%
Foreign body in ear canal	0	0%	5	0.02%	1	<0.01%	0	0%	0	0%	0	0%	0	0%	6	0.01%
Foreign body in nose	0	0%	2	0.01%	0	0%	0	0%	0	0%	0	0%	0	0%	2	<0.01%
Foreign body in respiratory tract	0	0%	2	0.01%	2	0.01%	0	0%	0	0%	0	0%	0	0%	4	<0.01%
Foreign body in alimentary tract	0	0%	2	0.01%	0	0%	0	0%	0	0%	0	0%	0	0%	2	<0.01%
Foreign body in genito-urinary tract	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Foreign body in soft tissue	0	0%	15	0.07%	13	0.06%	9	0.03%	6	0.06%	7	0.04%	0	0%	50	0.05%

Other foreign body	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Minor head injury	41	1.9%	264	1.2%	186	0.9%	137	0.5%	47	0.4%	39	0.2%	7	0.3%	721	0.7%
Concussion	1	0.05%	10	0.04%	21	0.1%	21	0.08%	15	0.1%	10	0.06%	1	0.04%	79	0.08%
Intracranial injury	4	0.2%	6	0.03%	11	0.05%	5	0.02%	3	0.03%	2	0.01%	2	0.08%	33	0.03%
Poisoning or toxic effect	0	0%	13	0.06%	5	0.02%	7	0.03%	9	0.08%	5	0.03%	0	0%	39	0.04%
Drowning or immersion	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Asphyxia or other threat to breathing	2	0.09%	6	0.03%	3	0.01%	6	0.02%	3	0.03%	5	0.03%	0	0%	25	0.02%
Systemic over-exertion; heat/cold stress	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.01%	1	0.04%	2	<0.01%
Other specified nature of injury	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Multiple injuries of more than one nature	0	0%	8	0.04%	7	0.03%	11	0.04%	4	0.04%	3	0.02%	0	0%	33	0.03%
No injury detected	0	0%	0	0%	1	<0.01%	0	0%	0	0%	0	0%	0	0%	1	<0.01%
Unknown	1	0.05%	11	0.05%	16	0.07%	13	0.05%	8	0.07%	11	0.07%	0	0%	60	0.06%
TOTAL	2,197	100.0%	22,542	100.0%	21,717	100.0%	26,542	100.0%	10,811	100.0%	16,627	100.0%	2,537	100.0%	102,973	100.0%

This variable indicates the type of injury suffered by the injured person.

Note: As many as three injuries may be listed on each patient's record. For this reason, the sum of injuries in each age group will exceed the number of patients in that age group.

BODY PART INJURED

BODY PART	NUMBER AND PERCENT WITHIN AGE GROUP															
	<1 year		1-4 years		5-9 years		10-14 years		15-19 years		20-64 years		65 + years		All years	
Head	461	11.0%	2,375	8.2%	1,555	6.2%	727	2.5%	271	2.2%	493	2.7%	109	4.0%	5,991	4.9%
Face	558	13.3%	6,321	22.0%	4,067	16.1%	2,108	7.2%	1,094	8.9%	1,512	8.2%	234	8.6%	15,894	13.1%
Internal mouth	115	2.7%	886	3.1%	315	1.2%	121	0.4%	42	0.3%	40	0.2%	4	0.1%	1,523	1.3%
Specified head injury *	1,568	37.4%	5,017	17.4%	3,497	13.9%	2,535	8.6%	1,022	8.3%	1,613	8.7%	130	4.8%	15,382	12.7%
Neck	16	0.4%	224	0.8%	401	1.6%	744	2.5%	351	2.9%	634	3.4%	42	1.5%	2,412	2.0%
Subtotal - head and neck	2,718	64.8%	14,823	51.5%	9,835	39.0%	6,235	21.2%	2,780	22.7%	4,292	23.2%	519	19.0%	41,202	34.0%
Spine and/or spinal cord	1	0.02%	11	0.04%	29	0.1%	65	0.2%	67	0.5%	171	0.9%	55	2.0%	399	0.3%
Thorax	76	1.8%	317	1.1%	294	1.2%	364	1.2%	217	1.8%	674	3.6%	174	6.4%	2,116	1.7%
Upper Back	4	0.1%	65	0.2%	142	0.6%	237	0.8%	101	0.8%	213	1.2%	27	1.0%	789	0.7%
Abdomen	92	2.2%	492	1.7%	411	1.6%	301	1.0%	127	1.0%	139	0.8%	6	0.2%	1,568	1.3%
Lower Back	18	0.4%	128	0.4%	343	1.4%	524	1.8%	241	2.0%	795	4.3%	64	2.3%	2,113	1.7%
Pelvis	1	0.02%	19	0.07%	56	0.2%	53	0.2%	36	0.3%	47	0.3%	46	1.7%	258	0.2%
Perineum, external genitalia, and anus	10	0.2%	195	0.7%	299	1.2%	107	0.4%	50	0.4%	43	0.2%	2	0.07%	706	0.6%
Subtotal - trunk	201	4.8%	1,216	4.2%	1,545	6.1%	1,586	5.4%	772	6.3%	1,911	10.3%	319	11.7%	7,550	6.2%
Shoulder	10	0.2%	155	0.5%	246	1.0%	688	2.3%	455	3.7%	697	3.8%	105	3.8%	2,356	1.9%
Clavicle	32	0.8%	467	1.6%	376	1.5%	425	1.4%	170	1.4%	83	0.4%	16	0.6%	1,569	1.3%
Upper arm	34	0.8%	405	1.4%	572	2.3%	450	1.5%	104	0.8%	220	1.2%	100	3.7%	1,885	1.6%
Elbow	185	4.4%	2,883	10.0%	1,311	5.2%	1,148	3.9%	319	2.6%	340	1.8%	75	2.7%	6,261	5.2%
Forearm	70	1.7%	1,226	4.3%	2,186	8.7%	2,707	9.2%	654	5.3%	675	3.7%	147	5.4%	7,665	6.3%
Wrist	12	0.3%	429	1.5%	989	3.9%	2,120	7.2%	676	5.5%	663	3.6%	107	3.9%	4,996	4.1%
Hand	104	2.5%	686	2.4%	698	2.8%	1,389	4.7%	863	7.0%	1,287	7.0%	97	3.6%	5,124	4.2%
Finger or Thumb	141	3.4%	1,589	5.5%	2,056	8.2%	3,660	12.4%	1,254	10.2%	2,512	13.6%	181	6.6%	11,393	9.4%
Subtotal - upper extremity	588	14.0%	7,840	27.2%	8,434	33.5%	12,587	42.7%	4,495	36.7%	6,477	35.1%	828	30.3%	41,249	34.1%
Hip	6	0.1%	90	0.3%	113	0.4%	214	0.7%	93	0.8%	163	0.9%	376	13.8%	1,055	0.9%

Thigh	63	1.5%	267	0.9%	369	1.5%	379	1.3%	177	1.4%	306	1.7%	68	2.5%	1,629	1.3%
Knee	9	0.2%	284	1.0%	861	3.4%	1,830	6.2%	785	6.4%	963	5.2%	122	4.5%	4,854	4.0%
Lower leg	87	2.1%	854	3.0%	780	3.1%	1,036	3.5%	337	2.8%	635	3.4%	138	5.1%	3,867	3.2%
Ankle	26	0.6%	396	1.4%	1,072	4.3%	2,590	8.8%	1,372	11.2%	1,517	8.2%	137	5.0%	7,110	5.9%
Foot	44	1.0%	962	3.3%	1,170	4.6%	1,449	4.9%	498	4.1%	907	4.9%	64	2.3%	5,094	4.2%
Toe	26	0.6%	309	1.1%	414	1.6%	661	2.2%	206	1.7%	382	2.1%	30	1.1%	2,028	1.7%
Subtotal - lower extremity	261	6.2%	3,162	11.0%	4,779	19.0%	8,159	27.7%	3,468	28.3%	4,873	26.4%	935	34.2%	25,637	21.2%
Multiple injuries of more than one body part	0	0%	29	0.1%	36	0.1%	44	0.1%	56	0.5%	166	0.9%	23	0.8%	354	0.3%
Systemic injury; body part not applicable	379	9.0%	1,392	4.8%	381	1.5%	598	2.0%	510	4.2%	450	2.4%	46	1.7%	3,756	3.1%
Unknown	46	1.1%	319	1.1%	174	0.7%	187	0.6%	100	0.8%	136	0.7%	6	0.2%	968	0.8%
TOTAL	4,194	100.0%	28,792	100.0%	25,213	100.0%	29,461	100.0%	12,248	100.0%	18,476	100.0%	2,731	100.0%	121,115	100.0%

This variable indicates the body part affected by the injury.

Note: As many as three injuries may be listed on each patient's record. For this reason, the sum of injuries in each age group will exceed the number of patients in that age group.

* Specified head injuries include minor head injuries, concussions, and intracranial injuries