

Data provided to Elliot Williams, Senior Associate, Siegal Public Affairs

Records from designated level I-III trauma centers (excluding readmissions and transfers out). Records from lower level care facilities are not included, therefore if a patient was treated at one of these facilities and NOT transferred to a higher level, they would not be captured in this report.

Prepared by the EMTS Section, CDPHE on 17NOV20

Data source: Colorado Trauma Registry

Reporting Period: November 14, 2017 to April 15, 2018 (based on discharge date)

Injury zip codes included in the report: 80424, 80435, 80443, 80446, 80452, 80461, 80482, 80487, 81147, 81201, 81225, 81230, 81235, 81301, 81303, 81326, 81427, 81433, 81435, 81601, 81611, 81615, 81620, 81643, 81657

Zero records in these injury zip codes: 81235, 81303, 81303, 81326, 81427

Snow Sport Injuries

Snow Sport Injury Totals

Snow Sport Injuries	# of records
Total	1,426

Snow Sport Injuries by Month and Year

Year and Month of Hospital Discharge	# of Snow Sport Injuries	% of records
November 2017 (partial month)	26	1.8
December 2017	182	12.8
January 2018	330	23.1
February 2018	308	21.6
March 2018	466	32.7
April 2018 (partial month)	114	8.0
Total	1,426	100.0

Snow Sport Injuries by Time of Injury

Time of Injury	# of Snow Sport Injuries	% of records
AM	454	31.8
PM	902	63.3
Unknown	70	4.9
Total	1,426	100.0

Deidentified Injury Zip Codes by Mode of Transport

Deidentified Zip Codes	EMS	Personal Vehicle	Unknown	Other	Total
1	235	.	76	.	311
2	204	3	65	.	272

4	88	29	.	95	212
3	148	5	54	.	207
5	75	31	*	*	110
8	52	16	.	.	68
7	56	10	*	.	*
6	56	4	*	*	*
9	17	*	38	.	*
10	12	*	.	.	*
11	7	.	5	.	12
13	6	.	*	.	*
12	6	.	.	.	*
15	4	*	.	.	*
14	5	.	.	.	5
16	3	.	.	.	3
18	*	.	*	.	3
17	*	.	.	.	*
19	*	.	.	.	*
20	*	.	.	.	*
21	*	.	.	.	*
Total	981	103	243	99	1,426

Deidentified Injury Zip Codes by Sex

Different deidentified zip code order than used for mode of transport

Deidentified Zip Codes	Female	Male	Unknown	Total
2	91	220	.	311
1	100	172	.	272
3	83	129	.	212
4	79	128	.	207
5	44	66	.	110
7	25	43	.	68
8	20	47	.	*
9	14	47	*	*
6	27	29	.	*
11	4	10	.	*
10	5	7	.	12
15	*	6	.	*
14	*	5	.	*
13	*	4	.	*
19	.	5	.	5
20	.	3	.	3
17	*	*	.	3
12	*	.	.	*
18	.	*	.	*
16	*	.	.	*
21	.	*	.	*
Total	500	925	*	1,426

Snow Sport Injuries by Age

Age	# of Snow Sport Injuries	% of records
0-9	27	1.9
10-19	196	13.7
20-29	335	23.5
30-39	165	11.6
40-49	170	11.9
50-59	223	15.6
60-69	201	14.1
70-79	97	6.8
80+	12	0.8
Total	1,426	100.0

Snow Sport Injuries by Cause of Injury

Cause of Injury	# of Snow Sport Injuries	% of records
Fall from Snowboard, initial encounter (V00.311A)	381	26.7
Fall from snow-skis, initial encounter (V00.321A)	1,037	72.7
Accident to, on or involving ski lift, initial encounter (V98.3XXA)	8	0.6
Total	1,426	100.0

Snow Sport Injuries by Scene Glasgow Coma Score (GCS)

GCS	# of Snow Sport Injuries	% of records
3-8	4	0.3
9-12	3	0.2
13-15	501	35.1
Not applicable	901	63.2
Unknown	17	1.2
Total	1,426	100.0

Snow Sport Injuries by Injury Severity Score (ISS)

ISS	# of Snow Sport Injuries	% of records
-99	*	*
1-8	978	68.6
9-15	352	24.7
16-24	71	5.0
25-49	17	1.2
50-75	*	*

Total	1,426	100.0
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Snow Sport Injuries by Patient Outcome*

*Not reported due to death outcome of three or less

Snow Sport Injuries by Emergency Department (ED) Disposition

ED Disposition	# of Snow Sport Injuries	% of records
Patient was taken to the operating room	495	34.7
Patient was sent to a floor (general admission, non-specialty unit bed)	287	20.1
Discharged home	264	18.5
Direct admit	195	13.7
Patient went to the Intensive Care	119	8.3
Patient admitted for observation (a unit that provides <24hr stays)	38	2.7
Telemetry/step-down unit (less acuity than ICU)	*	*
Left against medical advice (AMA)	*	*
Total	1,426	100.0

Snow Sport Injuries by Nature of Injury

Nature of Injury	# of Snow Sport Injuries	% of records
Fracture	1,038	72.8
Internal organ injury	265	18.6
Other specified injury	31	2.2
Superficial and contusion	26	1.8
Open wound	24	1.7
Dislocation	23	1.6
Unspecified injury	11	0.8
Blood vessel	8	0.6
Total	1,426	100.0

Snow Sport Injuries by Body Region of Injury

Category of Injury	# of Snow Sport Injuries	% of records
Extremities	872	61.2
Torso	274	19.2
Head and Neck	206	14.4
Spine and Back	*	*
Unspecified by body region	*	*
Total	1,426	100.0

Requested secondary information outside of the primary cohort above (N=1854)

Includes all injury cause codes of the primary cohort as well as three additional cause codes (W51, W00.9, W22.8). No restriction on injury zip code location. Level IV and V records not included.

Transferred out to another facility: n=185

Readmissions: n=25

Other cause codes requested (below): n=98

Accidental striking against or bumped into by another person (W51) n=41

Unspecified fall due to ice and snow (W00.9) n=6

Striking against or struck by other objects (W22.8) n=51

Records with zip codes classified outside primary cohort (below): n=242

Not Documented n=85

Masked zip code n=45

Masked zip code n=28

other zip codes (counts of three or less) n=158