

Supplementary Table 2. Injury epidemiology in visitors

Variable	No. of visitors (%) ^a					P-value
	Total (n=22,978)	Infant (n=716)	Toddler (n=10,644)	Child (n=6,149)	Adolescent (n=5,469)	
Alcohol-associated	164 (0.7)	7 (1.0)	43 (0.4)	32 (0.5)	82 (1.5)	<0.001
Location						<0.001
Accommodation	9,014 (39.2)	463 (64.7)	5,340 (50.2)	1,813 (29.5)	1,398 (25.6)	
School/kindergarten	664 (2.9)	2 (0.3)	156 (1.5)	252 (4.1)	254 (4.6)	
Street/highway	3,187 (13.9)	99 (13.8)	1,002 (9.4)	1,069 (17.4)	1,017 (18.6)	
Public space	790 (3.4)	17 (2.4)	383 (3.6)	194 (3.2)	196 (3.6)	
Commercials	2,068 (9.0)	67 (9.4)	1,143 (10.7)	560 (9.1)	298 (5.5)	
Countryside (sea, river)	5,071 (22.1)	48 (6.7)	1,887 (17.7)	1,636 (26.6)	1,500 (27.4)	
Others	2,184 (9.5)	20 (2.8)	733 (6.9)	625 (10.2)	806 (14.7)	
Activity						<0.001
Vital activity	13,897 (60.5)	551 (77.0)	7,430 (69.8)	3,546 (57.7)	2,370 (43.3)	
Education-related	216 (0.9)	1 (0.1)	18 (0.2)	50 (0.8)	147 (2.7)	
Leisure	7,939 (34.6)	123 (17.2)	2,817 (26.5)	2,304 (37.5)	2,695 (49.3)	
Other	926 (4.0)	41 (5.7)	379 (3.6)	249 (4.0)	257 (4.7)	
Intention						<0.001
Accidental	22,024 (95.9)	696 (97.2)	10,295 (96.7)	5,948 (96.7)	5,085 (93.0)	
Suicide	41 (0.2)	0 (0)	0 (0)	1 (0.02)	40 (0.7)	
Assault	208 (0.9)	1 (0.1)	10 (0.1)	38 (0.6)	159 (2.9)	
Other	705 (3.1)	19 (2.7)	339 (3.2)	162 (2.6)	185 (3.4)	
Mechanism						<0.001
Motor vehicle collision	2,813 (12.2)	75 (10.5)	745 (7.0)	1,013 (16.5)	980 (17.9)	
Slip/fall	4,797 (20.9)	286 (39.9)	2,606 (24.5)	1,004 (16.3)	901 (16.5)	
Blunting/penetrating force ^b	12,183 (53.0)	188 (26.3)	5,687 (53.4)	3,386 (55.1)	2,922 (53.4)	
Burn	1,124 (4.9)	115 (16.1)	663 (6.2)	231 (3.8)	115 (2.1)	
Foreign body	881 (3.8)	27 (3.8)	501 (4.7)	254 (4.1)	99 (1.8)	
Drowning	116 (0.5)	1 (0.1)	49 (0.5)	34 (0.6)	32 (0.6)	
Other	1,064 (4.6)	24 (3.4)	393 (3.9)	227 (3.7)	420 (7.7)	
Injury type						
Bruise/abrasion	12,145 (52.9)	436 (60.9)	5,293 (49.7)	3,329 (54.1)	3,087 (56.5)	<0.001
Cut/open wound	6,054 (26.4)	91 (12.7)	3,324 (31.2)	1,662 (27.0)	977 (17.9)	<0.001
Fracture	1,333 (5.8)	22 (3.1)	355 (3.3)	458 (7.5)	498 (9.1)	<0.001
Sprain/dislocation	2,896 (12.6)	41 (5.7)	1,165 (11.0)	658 (10.7)	1,032 (18.9)	<0.001
Spinal cord injury	14 (0.1)	0 (0)	3 (0.0)	2 (0.0)	9 (0.2)	0.005
Vascular injury	75 (0.3)	2 (0.3)	40 (0.4)	18 (0.3)	15 (0.3)	0.678
Muscle/tendon injury	59 (0.3)	1 (0.1)	13 (0.1)	15 (0.2)	30 (0.6)	<0.001

Intracranial injury	321 (1.4)	30 (4.2)	153 (1.4)	15 (0.2)	30 (0.6)	<0.001
Crushing injury	8 (0.0)	0 (0)	7 (0.1)	0 (0)	1 (0.0)	0.124
Traumatic amputation	14 (0.1)	1 (0.1)	9 (0.1)	2 (0.0)	2 (0.0)	0.384
Minor burn	1,020 (4.4)	106 (14.8)	605 (5.7)	210 (3.4)	99 (1.8)	<0.001
Major burn	10 (0.0)	0 (0)	7 (0.1)	3 (0.1)	0 (0)	0.268

^{a)}Percentages may not total 100 due to rounding. ^{b)}Prior to 2019, the Jeju Injury Surveillance System categorized both blunt and penetrating injuries under a single category due to the integration of these types in the data collection framework. From 2019 onwards, injuries are distinctly categorized as either blunt or penetrating, aligning with updated surveillance practices.