

**Supplementary Table 4.** Injury epidemiology in the countryside (sea, river)

Variable	No. of patients <sup>a)</sup>					P-value
	Total (n=20,588)	Infant (n=211)	Toddler (n=6,808)	Child (n=8,202)	Adolescent (n=5,367)	
Alcohol-associated	183 (0.9)	3 (1.4)	32 (0.5)	48 (0.6)	100 (1.9)	<0.001
Activity						<0.001
Vital activity	13,074 (63.5)	165 (78.2)	4,607 (67.7)	5,157 (62.9)	3,145 (58.6)	
Education-related	82 (0.4)	0 (0)	13 (0.2)	24 (0.3)	45 (0.8)	
Leisure	6,746 (32.8)	33 (15.6)	1,956 (28.7)	2,834 (34.6)	1,923 (35.9)	
Other	686 (3.3)	13 (6.2)	232 (3.4)	187 (2.3)	254 (4.7)	
Intention						<0.001
Accidental	19,574 (95.1)	207 (98.1)	6,560 (96.4)	7,940 (96.8)	4,867 (90.7)	
Suicide	40 (0.2)	0 (0)	0 (0)	1 (0.0)	39 (0.7)	
Assault	280 (1.4)	0 (0)	8 (0.1)	42 (0.5)	230 (4.3)	
Other	694 (3.4)	4 (1.9)	240 (3.5)	219 (2.7)	231 (4.3)	
Mechanism						<0.001
Motor vehicle collision	1,489 (7.2)	19 (9.0)	261 (3.8)	717 (8.7)	492 (9.2)	
Slip/fall	5,265 (25.6)	90 (42.6)	1,975 (29.0)	2,008 (24.5)	1,192 (22.2)	
Blunting/penetrating force <sup>b)</sup>	12,095 (58.8)	72 (34.1)	4,047 (59.5)	4,983 (60.8)	2,993 (55.8)	
Burn	332 (1.6)	24 (11.4)	132 (1.9)	121 (1.5)	55 (1.0)	
Foreign body	160 (0.8)	1 (0.5)	82 (1.2)	49 (0.6)	28 (0.5)	
Drowning	173 (0.8)	0 (0)	42 (0.6)	49 (0.6)	82 (1.5)	
Other	1,074 (5.2)	5 (2.4)	269 (4.0)	275 (3.4)	525 (9.8)	
Injury type						
Bruise/abrasion	10,350 (50.3)	121 (57.4)	3,532 (51.9)	4,039 (49.2)	2,658 (49.5)	0.001
Cut/open wound	5,453 (26.5)	28 (13.3)	2,094 (30.8)	2,203 (26.9)	1,128 (21.0)	<0.001
Fracture	1,508 (7.3)	3 (1.4)	276 (4.1)	804 (9.8)	425 (7.9)	<0.001
Sprain or dislocation	3,638 (17.7)	32 (15.2)	951 (14.0)	1,365 (16.6)	1,290 (24.0)	<0.001
Spinal cord injury	9 (0.0)	0 (0)	4 (0.1)	3 (0.0)	2 (0.0)	0.898
Vascular injury	47 (0.2)	0 (0)	21 (0.3)	18 (0.2)	8 (0.2)	0.271
Muscle/tendon injury	52 (0.3)	0 (0)	11 (0.2)	14 (0.2)	27 (0.5)	<0.001
Intracranial injury	177 (0.9)	7 (3.3)	65 (1.0)	68 (0.8)	37 (0.7)	0.001
Crushing injury	6 (0.0)	0 (0)	4 (0.1)	2 (0.0)	0 (0)	0.291
Traumatic amputation	10 (0.1)	0 (0)	3 (0.0)	5 (0.1)	2 (0.0)	0.912
Minor burn	295 (1.4)	22 (10.4)	114 (1.7)	108 (1.3)	51 (1.0)	<0.001
Major burn	4 (0.0)	0 (0)	0 (0)	3 (0.0)	1 (0.0)	0.456

<sup>a)</sup>Percentages may not total 100 due to rounding. <sup>b)</sup>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.