

Table 1. Demographic data and injury circumstances of patients with wheeled recreational device-related injuries

	Overall	Stratified by severity		<i>P</i> value
		Non-severe	Severe	
	n=4972	n=3074	n=1898	
Median age ( IQR), years	7.8 (4.8–11.6)	5.5 (4.2–10.8)	9.6 (6.2–12.4)	<0.001
Male sex, no. (%)	3410 (68.6)	2098 (68.2)	1312 (69.1)	0.539
Median weight (IQR), kg	25.9 (17.4–43.0)	22.0 (16.2–37.2)	33.0 (21.4–48.0)	<0.001
Ethnicity, no. (%)				<0.001
Chinese	2299 (46.2)	1451 (47.2)	848 (44.7)	
Malay	1013 (20.4)	598 (19.5)	415 (21.9)	
Indian	948 (19.1)	539 (17.5)	409 (21.5)	
Others	712 (14.3)	486 (15.8)	226 (11.9)	
Year of injury, no. (%)				0.285
2016	1065 (21.4)	651 (21.2)	414 (21.8)	
2017	1113 (22.4)	698 (22.7)	415 (21.9)	
2018	956 (19.2)	578 (18.8)	378 (19.9)	
2019	833 (16.8)	539 (17.5)	294 (15.5)	
2020	1005 (20.2)	608 (19.8)	397 (20.9)	
Mechanism of injury				
Vehicular collision, no. (%)	80 (1.6)	68 (2.2)	12 (0.6)	<0.001
Place of injury, no. (%)				<0.001
Public places, including playgrounds, sports facilities	1619 (32.6)	878 (28.6)	741 (39.0)	
Home	794 (16.0)	583 (19.0)	211 (11.1)	
Road	330 (6.6)	244 (7.9)	86 (4.5)	
School/childcare centre	110 (2.2)	58 (1.9)	52 (2.7)	
Others	2117 (42.6)	1309 (42.6)	808 (42.6)	
Mode of arrival, no. (%)				0.054
Own transport	4377 (88.7)	2702 (88.3)	1675 (89.2)	
Emergency ambulance	519 (10.5)	338 (11.0)	181 (9.6)	
Others	40 (0.8)	19 (0.6)	21 (1.1)	
Type of device, no. (%)				<0.001
Bicycle	2717 (54.6)	1773 (57.7)	944 (49.7)	
Scooter	1506 (30.3)	962 (31.3)	544 (28.7)	
Skateboard, waveboard	368 (7.4)	161 (5.2)	207 (10.9)	
Inline skate	232 (4.7)	71 (2.3)	161 (8.5)	
Tricycle	149 (3.0)	107 (3.5)	42 (2.2)	

IQR: interquartile range