

Figure 1) Frequency distribution of deaths due to motorcycle accidents based on age groups in Iran in 2017.

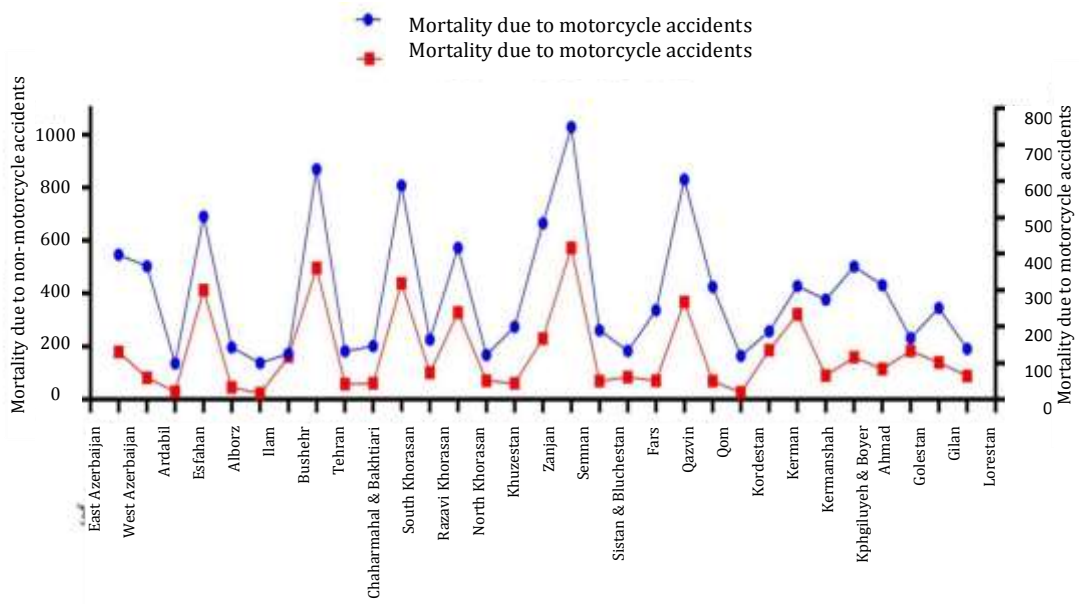


Figure 2) Frequency distribution of deaths due to motorcycle and other vehicle accidents in different provinces of Iran in 2017

Table 1) Frequency distribution of deaths due to motorcycle accidents in Iran in 2017

Variables	Number	Percentage	Confidence interval %95	
Cause of death				
hit on head	2071	53.6	55.2	0.52
Bleeding	307	7.9	8.84	7.14
Multiple fractures	815	21.1	22.4	19.8
Burns	6	0.2	0.34	0.07
Under test	7	0.2	0.37	0.09
Other cases	120	3.1	3.7	2.6
Common causes	531	13.7	14.9	12.7
Unknown	5	0.1	0.3	0.06
Deceased status				
Driver	3027	78.4	79.65	77.05
Pillion rider	784	20.3	21.6	19.1
Unknown	51	1.3	1.7	1
Accident mechanism				
Accident with moving vehicles	3071	79.5	80.8	78.2
Collision with a fixed object	306	7.9	8.82	7.11
Collision with animal	19	0.5	0.77	0.32
Vehicle rollover	380	9.8	10.8	8.9
Fall	16	0.4	0.67	0.26
Fire	0	0	0	0
Other	9	0.2	0.44	0.12
Unknown	61	1.6	2.02	1.23
Accident location				
In town	1533	39.7	41.2	38.2
Suburban	1855	48.0	49.6	46.5
Rural road	465	12.0	13.1	11.1
Unknown	9	0.2	0.44	0.12
Place of death				
Accident scene	1579	40.9	42.4	39.3
During transfer	231	6.0	6.8	5.3
Hospital	2036	52.7	54.3	51.1
Home	6	0.2	0.34	0.07
Unknown	10	0.1	0.21	0.06

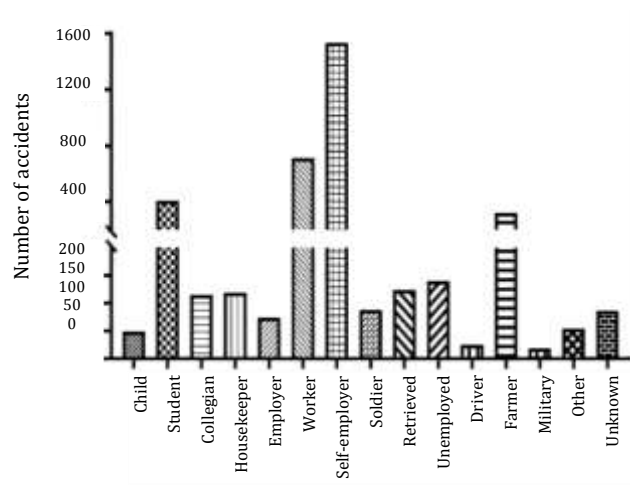


Figure 3) Frequency distribution of deaths due to motorcycle accidents based on occupation in Iran in 2017