

Japan Trauma Data Bank Report 2016 (2011-2015)

Japan Trauma Care and Research

**The Japanese Association for the Surgery of Trauma
(Trauma Registry Committee)**



**The Japanese Association for Acute Medicine
(Committee for Clinical Care Evaluation)**



Figure
1A

Names of All Hospitals Submitting Data to the JTDB. (N=256, Part 1)

Teine Keijinkai Hospital	Chiba University Hospital	Kanto Rosai Hospital
Hokkaido University Hospital	Chiba Emergency Medical Center	Yokohama Rosai Hospital
Hokuto Hospital	Matsudo City Hospital	Yokohama City University Medical Center
Hokkaido Medical Center	Kameda General Hospital	Tokai University Hospital
Sapporo City General Hospital	Kimitsu Chuou Hospital	Showa University Fujigaoka Hospital
Nikko Memorial Hospital	Jikei University Kashiwa Hospital	Kitasato University Hospital
Sapporo Medical University Hospital	Tokyo Women's Medical University Yachiyo Medical Center	Yokosuka General Hospital Uwamachi
Asahikawa Red Cross Hospital	Tokyobay UrayasuIchikawa Medical Center	Yokohama City Minato Red Cross Hospital
Hirosaki University School of Medicine & Hospital	Chiba Rosai Hospital	Yokohama Sakae Kyosai Hospital
Aomori Prefectural Central Hospital	Showa University Hospital	Niigata University Medical & Dental Hospital
Hachinohe City Hospital	Tokyo Medical Center	Niigata City General Hospital
Iwate Medical University Hospital	Department of Social Medicine, School of Medicine, Nihon University	Niigata Prefectural Shibata Hospital
Kuji Prefectural Hospital	National Disaster Medical Center	Kouseiren Takaoaka Hospital
Osaki Citizen Hospital	Tokyo Metropolitan Hiroo Hospital	Tonami General Hospital
Tohoku University Hospital	Musashino Red Cross Hospital	Toyama Prefectural Central Hospital
Sendai City Hospital	Nippon Medical School Tama Nagayama Hospital	Toyama University Hospital
Ishinomaki Red Cross Hospital	Tokyo Medical University Hospital	Kanazawa University Hospital
Sendai Medical Center	Tokyo Medical University Hachioji Medical Center	Ishikawa Prefectural Central Hospital
South Miyagi Medical Center	Keio University Hospital	Fukui Prefectural Hospital
Akita Red Cross Hospital	St. Luke's International Hospital	University of Fukui Hospital
Fukushima Medical University Hospital	Teikyo University Hospital	Yamanashi Prefectural Central Hospital
Ohta Nishinouchi Hospital	Toho University Omori Medical Center	Aizawa Hospital
Aizu Central Hospital	National Center for Global Health and Medicine	Suwa Red Cross Hospital
Ibaraki Seinan Medical Hospital	University of Tokyo Hospital	Iida Municipal Hospital
Mito Medical Center	Showa General Hospital	Ina Central Hospital
University of Tsukuba Hospital	Tokyo Women's Medical University Medical Center East	Saku Central Hospital Advanced Care Center
Tsukuba Medical Center Hospital	Nippon Medical School Hospital	Shinshu University Hospital
Ibaraki Prefectural Central Hospital	Kyorin University Hospital	Nagano Red Cross Hospital
Dokkyo Medical University Hospital	Surugadai Nihon University Hospital	Nagano Municipal Hospital
Jichi Medical University Hospital	Tokyo Women's Medical University Hospital	Takayama Red Cross Hospital
Saiseikai Utunomiya Hospital	Ohme Municipal General Hospital	Ogaki Municipal Hospital
Gunma University Hospital	Nihon University Itabashi Hospital	Gero City Kanayama Hospital
Maebashi Red Cross Hospital	Tokyo Medical and Dental University Hospital	Chuno Kosei Hospital
Takasaki General Medical Center	National Center for Child Health and Development	Gifu University Hospital
Ota Memorial Hospital	Tokyo Metropolitan Bokutoh Hospital	Numazu City Hospital
Saitama Red Cross Hospital	Tokyo Saiseikai Central Hospital	Shizuoka Red Cross Hospital
Saitama Medical University International Medical Center	Showa University Northern Yokohama Hospital	Shizuoka Children's Hospital
Kuki General Hospital	Yokohama Medical Center	Shizuoka Saiseikai General Hospital
Kawaguchi Municipal Medical Center	Nippon Medical School Musashikosugi Hospital	Juntendo University Shizuoka Hospital
Dokkyo Medical University Koshigaya Hospital	Saiseikai Yokohama-city East Hospital	Seirei Mikatahara General Hospital
National Defense Medical College Hospital	St. Marianna University School of Medicine Hospital	Shizuoka General Hospital
Saitama Medical University Medical Center	Shonan Kamakura General Hospital	Shizuoka Tokushukai Hospital
Fukaya Red Cross Hospital	Yokohama Municipal Citizens Hospital	Chutoen General Medical Center
Funabashi Municipal Medical Center	Odawara Municipal Hospital	
Juntendo University Urayasu Hospital	Yokosuka Kyosai Hospital	
Asahi General Hospital	Hiratsuka City Hospital	
Nippon Medical School Chiba Hokusoh Hospital	Fujisawa City Hospital	

Figure
1B**Names of All Hospitals Submitting Data to the JTDB. (N=256, Part 2)**

Toyohashi Municipal Hospital	Toyooka Hospital Tajima Emergency & Critical Care Medical Center	Saiseikai Fukuoka General Hospital
Daiyukai General Hospital	Public Muraoka Hospital	Fukuoka University Hospital
Fujita Health University Hospital	Kansai Rosai Hospital	St. Maria's Hospital
Nagoya City University Hospital	Steel Memorial Hirohata Hospital Himeji Emergency, Trauma and Critical Center	Shinyukhashi Hospital
Handa City Hospital	Nara Prefectural Nara Hospital	Saga University Hospital
Aichi Medical University Hospital	Nara Medical University Hospital	Saga-ken Medical Center Koseikan
Nagoya Ekisaikai Hospital	Wakayama Medical University Hospital	Ureshino Medical Center
Social Insurance Chukyo Hospital	Tottori University Hospital	Nagasaki University Hospital
Okazaki City Hospital	Shimane University Hospital	Nagasaki Medical Center
Kasugai Municipal Hospital	Tsuyama Chuo Hospital	Arao Municipal Hospital
Komaki City Hospital	Kawasaki Medical School Hospital	Kumamoto Red Cross Hospital
Mie University Hospital	Kurashiki Central Hospital	Kumamoto Medical Center
Omiachiman Community Medical Center	Okayama University Hospital	Saiseikai Kumamoto Hospital
Saiseikai Shigaken Hospital	Hiroshima University Hospital	Oita University Hospital
Kyoto Daini Red Cross Hospital	Kure Medical Center	Almeida Memorial Hospital
Kyoto Medical Center	Fukuyama City Hospital	Miyazaki Prefectural Miyazaki Hospital
Rakuwakai Otowa Hospital	Hiroshima Prefectural Hospital	Miyazaki University Hospital
Fukuchiyama City Hospital	Chugoku Rosai Hospital	Miyazaki Zenjinkai Hospital
Kyoto Daiichi Red Cross Hospital	Kanmon Medical Center	Miyakonojo Regional Medical Center
Uji-Tokushukai Medical Center	Tokuyama Central Hospital	Osumikanoya Hospital
Kyoto Prefectural University of Medicine	Yamaguchi Grand Medical Center	Kagoshima City Hospital
Osaka Prefectural Senshu Critical Medical Care Center	Yamaguchi University Hospital	Yonemori Hospital
Saiseikai Senri Hospital	Tokushima Prefectural Kaifu Hospital	Okinawa Prefectural Chubu Hospital
Osaka General Medical Center	Tokushima Prefectural Central Hospital	Okinawa Prefectural Hokubu Hospital
Hanwa Memorial Hospital	Tokushima Prefectural Miyoshi Hospital	Okinawa Prefectural Hokubu Hospital
Osaka Medical Center	Taoka Hospital	Ryukyu University Hospital
Nakakawachi Medical Center of Acute Medicine	Kagawa University Hospital	Urasoe General Hospital
Osaka Mishima Emergency Medical Center	Kagawa Prefectural Central Hospital	Nakagami Hospital
Kinki University Hospital	Ehime Prefectural Central Hospital	Tomishiro Central Hospital
Kishiwada Tokushukai Hospital	Ehime University Hospital	
Osaka University Hospital	Kochi Medical Center	
Osaka City General Hospital	Chikamori Hospital	
Kansai Medical University Takii Hospital	Kochi Red Cross Hospital	
Osaka City University Hospital	Kurume University Hospital	
Kansai Medical University Hirakata Hospital	Iizuka Hospital	
Sakai City Medical Center	Ohtemachi Hospital	
Hyogo Prefectural Nishinomiya Hospital	Kitakyushu Municipal Yahata Hospital	
Hyogo Prefectural Kakogawa Medical Center	Kyushu University Hospital	
Hyogo Prefectural Awaji Hospital	Kitakyushu General Hospital	
Hospital of Hyogo College of Medicine	Kokura Memorial Hospital	
Kobe City Medical Center General Hospital	Fukuoka Wajiro Hospital	
Kobe University Hospital	Fukuoka Red Cross Hospital	
Hyogo Emergency Medical Center	Fukuoka Higashi Medical Center	

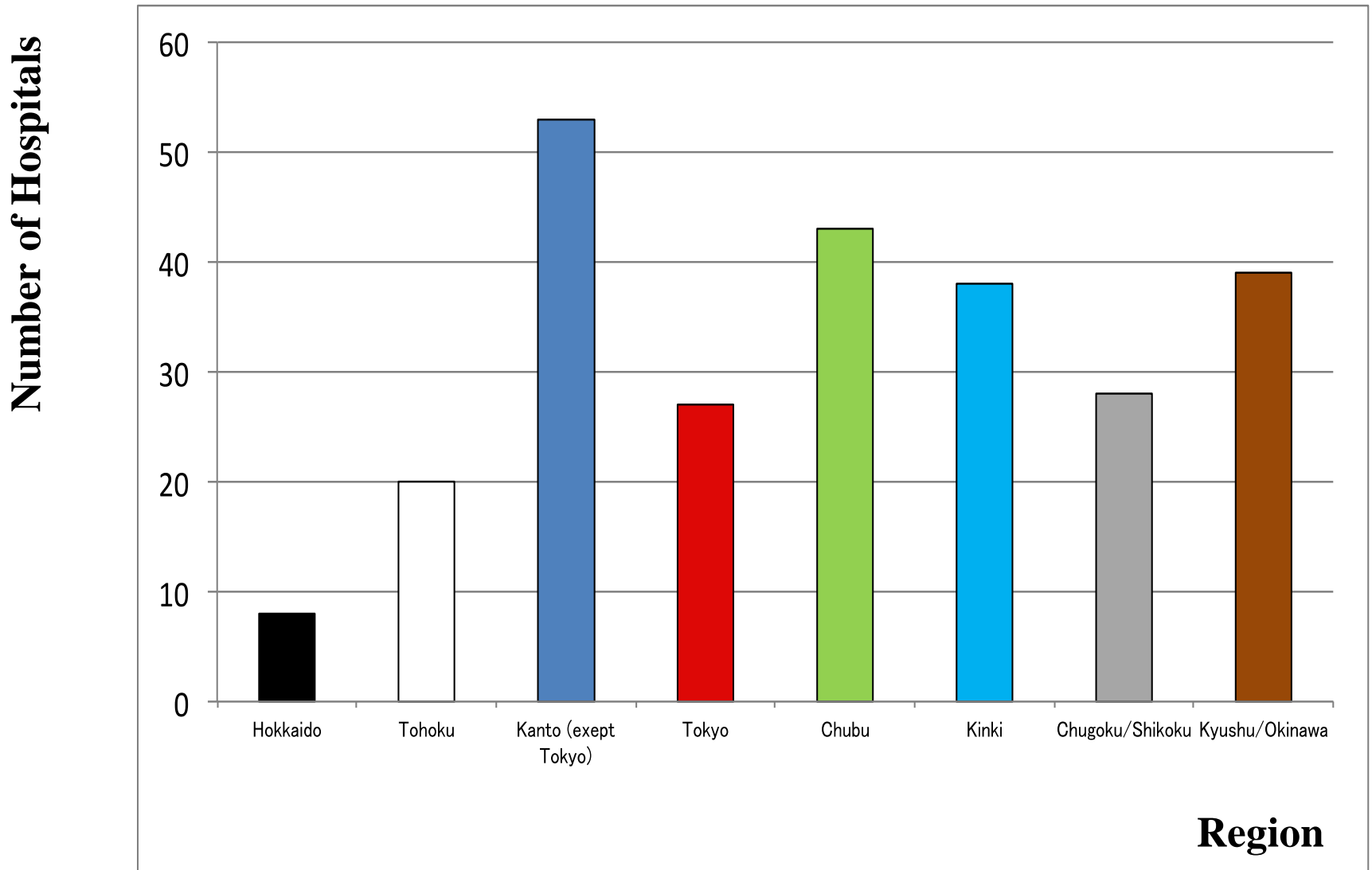
Figure
2**Number of Hospitals Submitting to the JTDB by Region.**

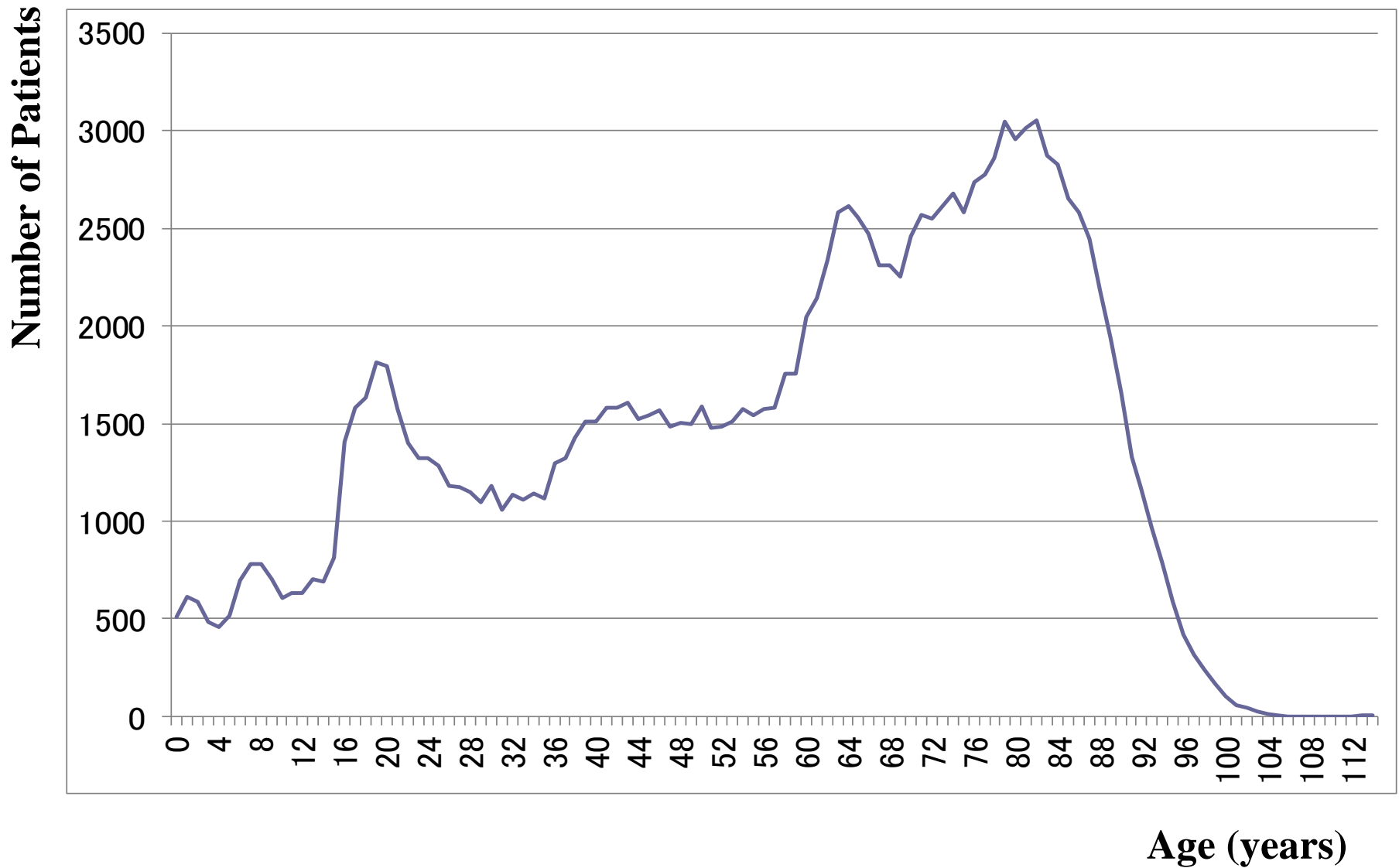
Figure
3**Number of Patients by Age.**

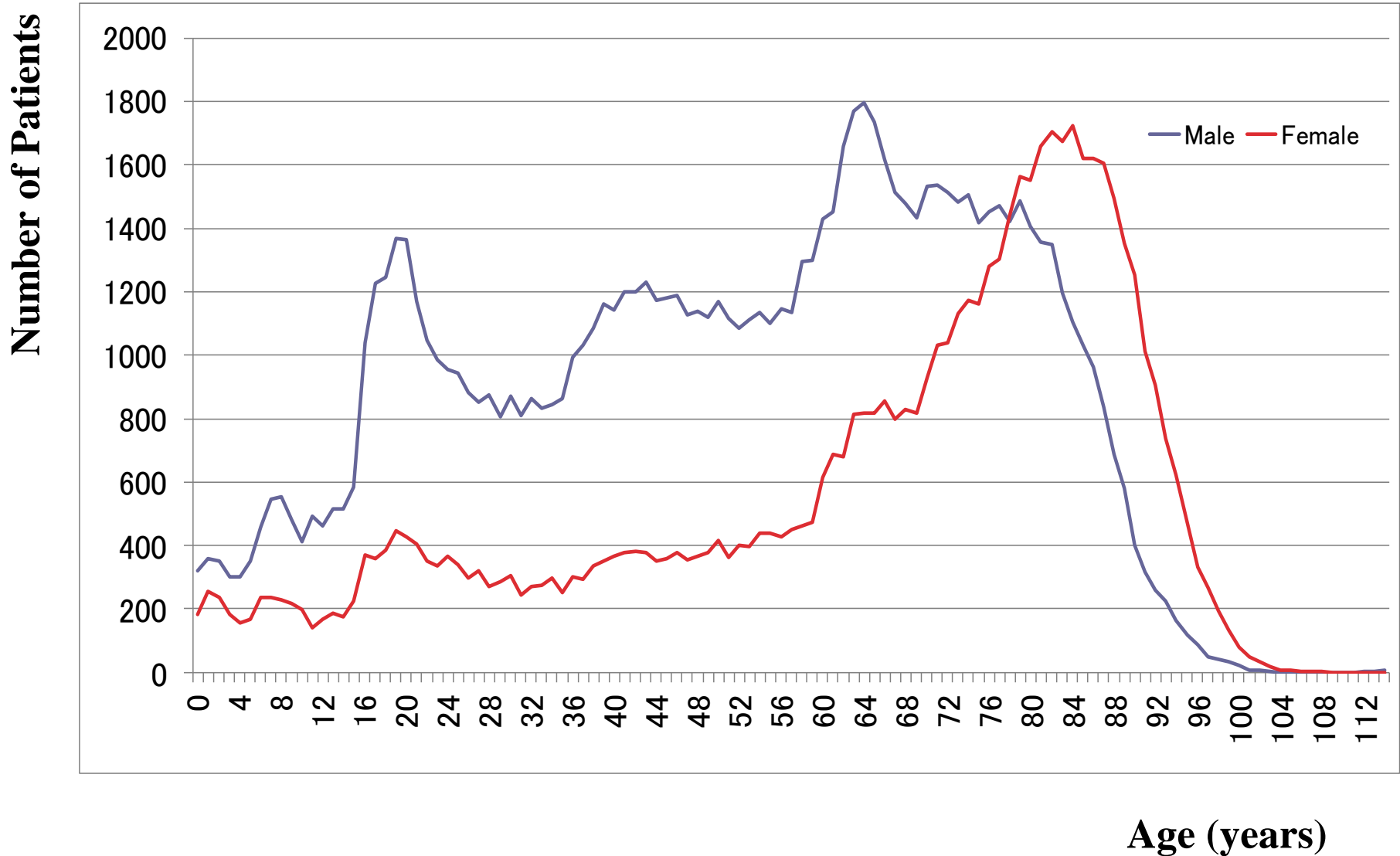
Figure
4**Patients by Age and Gender.**

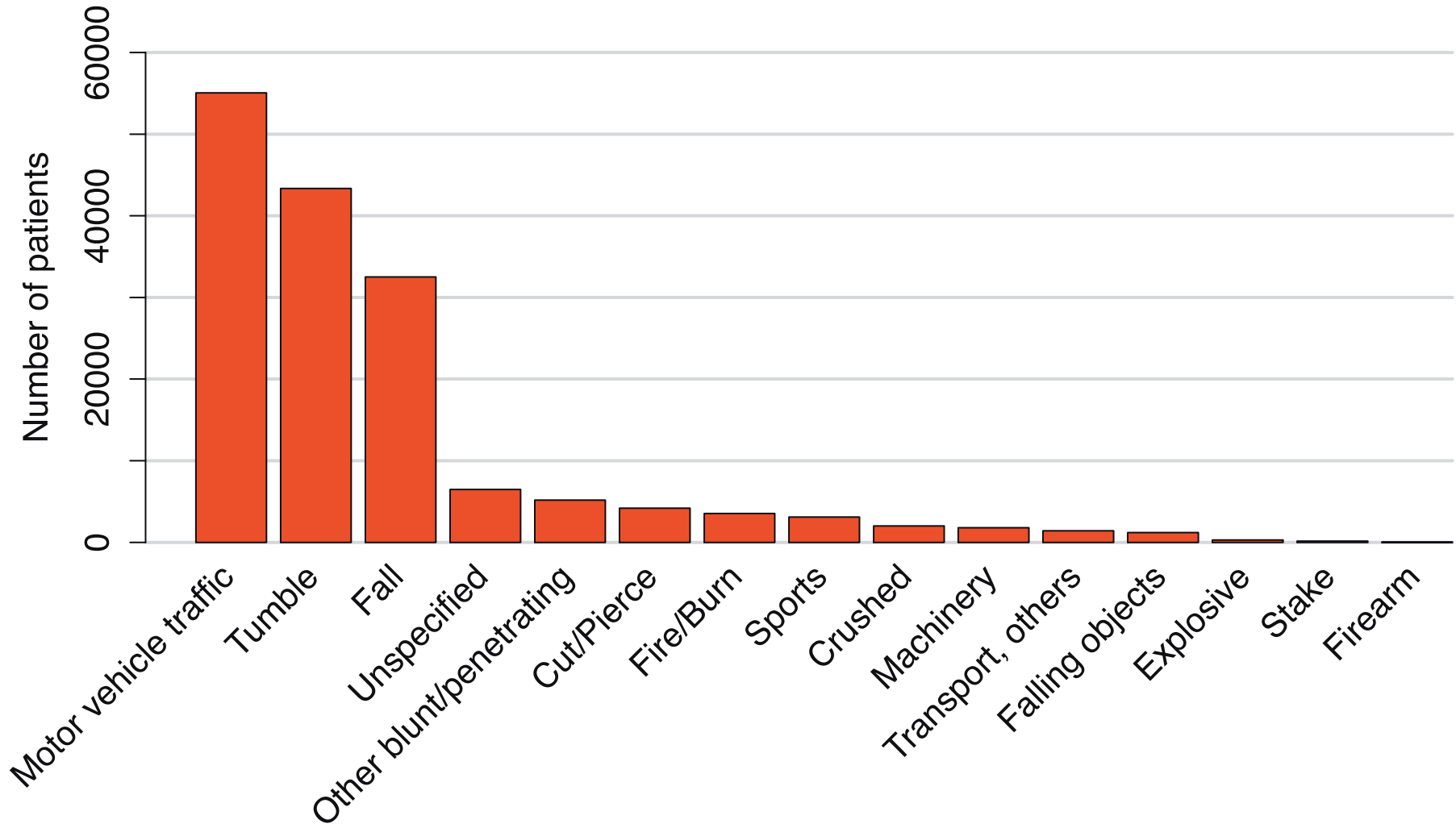
Figure
5**Patients by mechanism of injury**

Figure
5**Patients by mechanism of injury**

Mechanism of injury	Patients (n)	Patients by mechanism of injury (%)
Motor vehicle traffic	55047	34.3
Tumble	43355	27.0
Fall	32515	20.3
Unspecified	6486	4.0
Others	5172	3.2
Cut/Pierce	4179	2.6
Fire/Burn	3526	2.2
Sports	3105	1.9
Crushed	2013	1.3
Machinery	1789	1.1
Transport, others	1425	0.9
Falling objects	1205	0.8
Explosive	294	0.2
Stake	150	0.1
Firearm	33	0.0

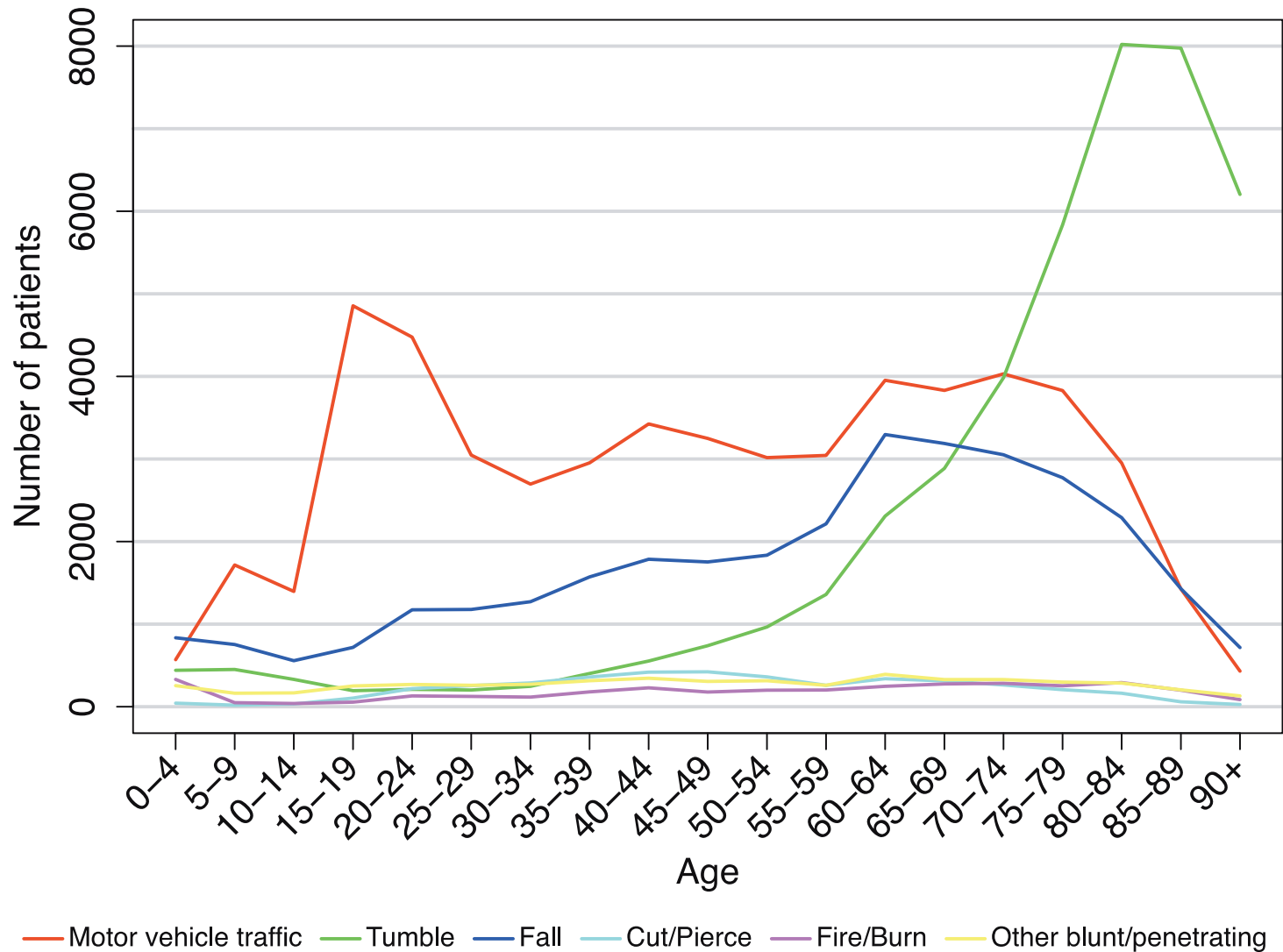
Figure
6**Mechanism of injury by age**

Figure
6**Mechanism of injury by age**

Range of age, yr	Motor vehicle traffic, n (%)	Tumble, n (%)	Fall, n (%)	Cut/Pierce, n (%)	Fire/Burn, n (%)	Others, n (%)
0-4	571 (1.0)	442 (1.0)	835 (2.6)	43 (1.0)	332 (9.4)	256 (4.9)
5-9	1717 (3.1)	451 (1.0)	753 (2.3)	19 (0.5)	49 (1.4)	164 (3.2)
10-14	1396 (2.5)	331 (0.8)	558 (1.7)	33 (0.8)	40 (1.1)	169 (3.3)
15-19	4856 (8.8)	194 (0.4)	720 (2.2)	105 (2.5)	55 (1.6)	251 (4.9)
20-24	4477 (8.1)	210 (0.5)	1174 (3.6)	220 (5.3)	132 (3.7)	270 (5.2)
25-29	3048 (5.5)	202 (0.5)	1178 (3.6)	256 (6.1)	126 (3.6)	261 (5.0)
30-34	2696 (4.9)	247 (0.6)	1273 (3.9)	289 (6.9)	117 (3.3)	272 (5.3)
35-39	2954 (5.4)	402 (0.9)	1572 (4.8)	360 (8.6)	180 (5.1)	316 (6.1)
40-44	3425 (6.2)	554 (1.3)	1787 (5.5)	419 (10.0)	230 (6.5)	346 (6.7)
45-49	3249 (5.9)	740 (1.7)	1753 (5.4)	423 (10.1)	179 (5.1)	307 (5.9)
50-54	3018 (5.5)	966 (2.2)	1836 (5.6)	363 (8.7)	201 (5.7)	316 (6.1)
55-59	3044 (5.5)	1360 (3.1)	2215 (6.8)	259 (6.2)	203 (5.8)	261 (5.0)
60-64	3954 (7.2)	2309 (5.3)	3297 (10.1)	340 (8.1)	248 (7.0)	392 (7.6)
65-69	3831 (7.0)	2887 (6.7)	3189 (9.8)	314 (7.5)	277 (7.9)	329 (6.4)
70-74	4032 (7.3)	3984 (9.2)	3051 (9.4)	265 (6.3)	285 (8.1)	330 (6.4)
75-79	3829 (7.0)	5836 (13.5)	2775 (8.5)	206 (4.9)	254 (7.2)	298 (5.8)
80-84	2951 (5.4)	8021 (18.5)	2291 (7.0)	164 (3.9)	293 (8.3)	286 (5.5)
85-89	1428 (2.6)	7977 (18.4)	1429 (4.4)	61 (1.5)	201 (5.7)	204 (3.9)
90+	432 (0.8)	6204 (14.3)	717 (2.2)	28 (0.7)	86 (2.4)	131 (2.5)
Unspecified	139 (0.3)	38 (0.1)	112 (0.3)	12 (0.3)	38 (1.1)	13 (0.3)
Total	55047 (100.0)	43355 (100.0)	32515 (100.0)	4179 (100.0)	3526 (100.0)	5172 (100.0)

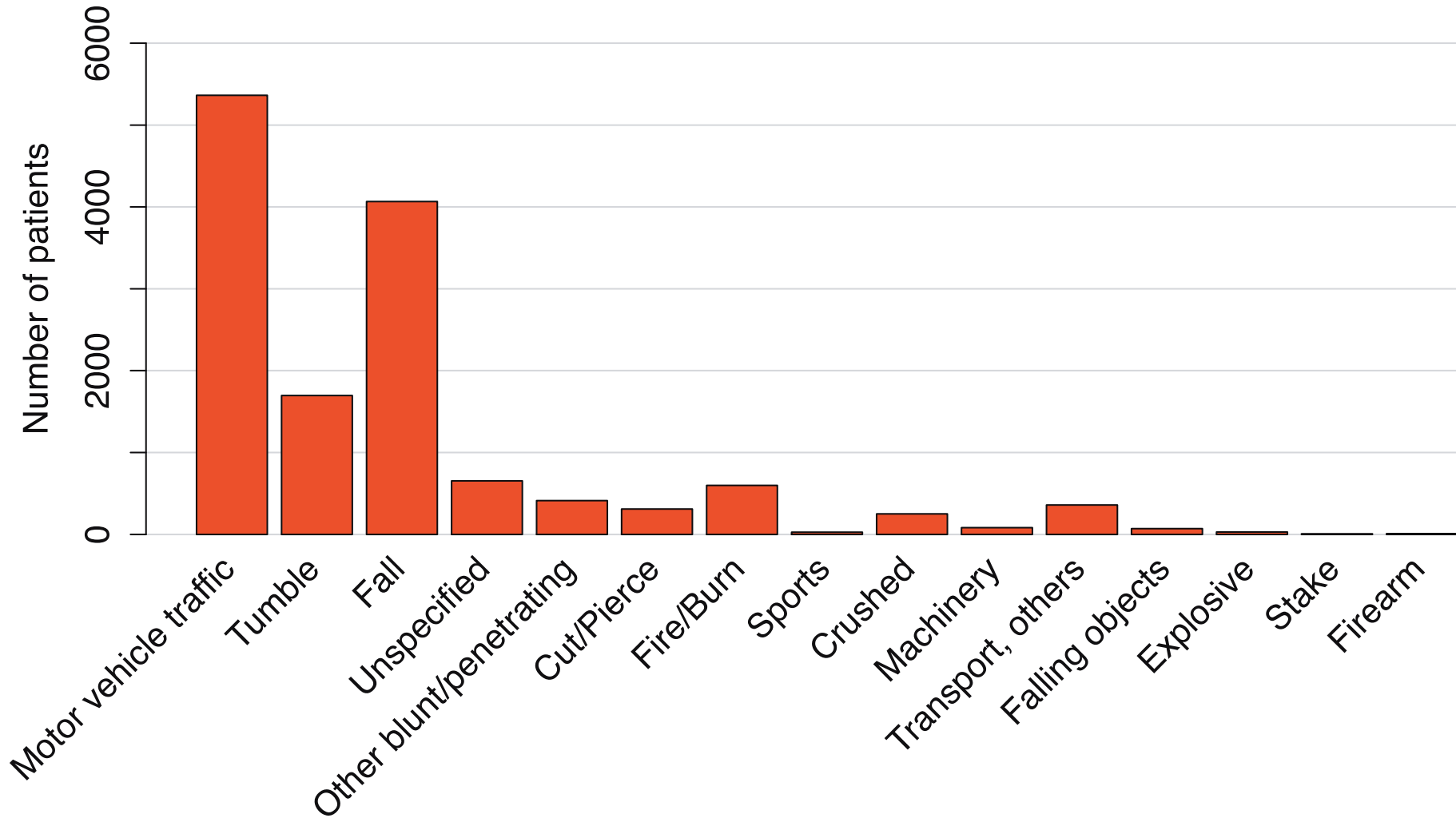
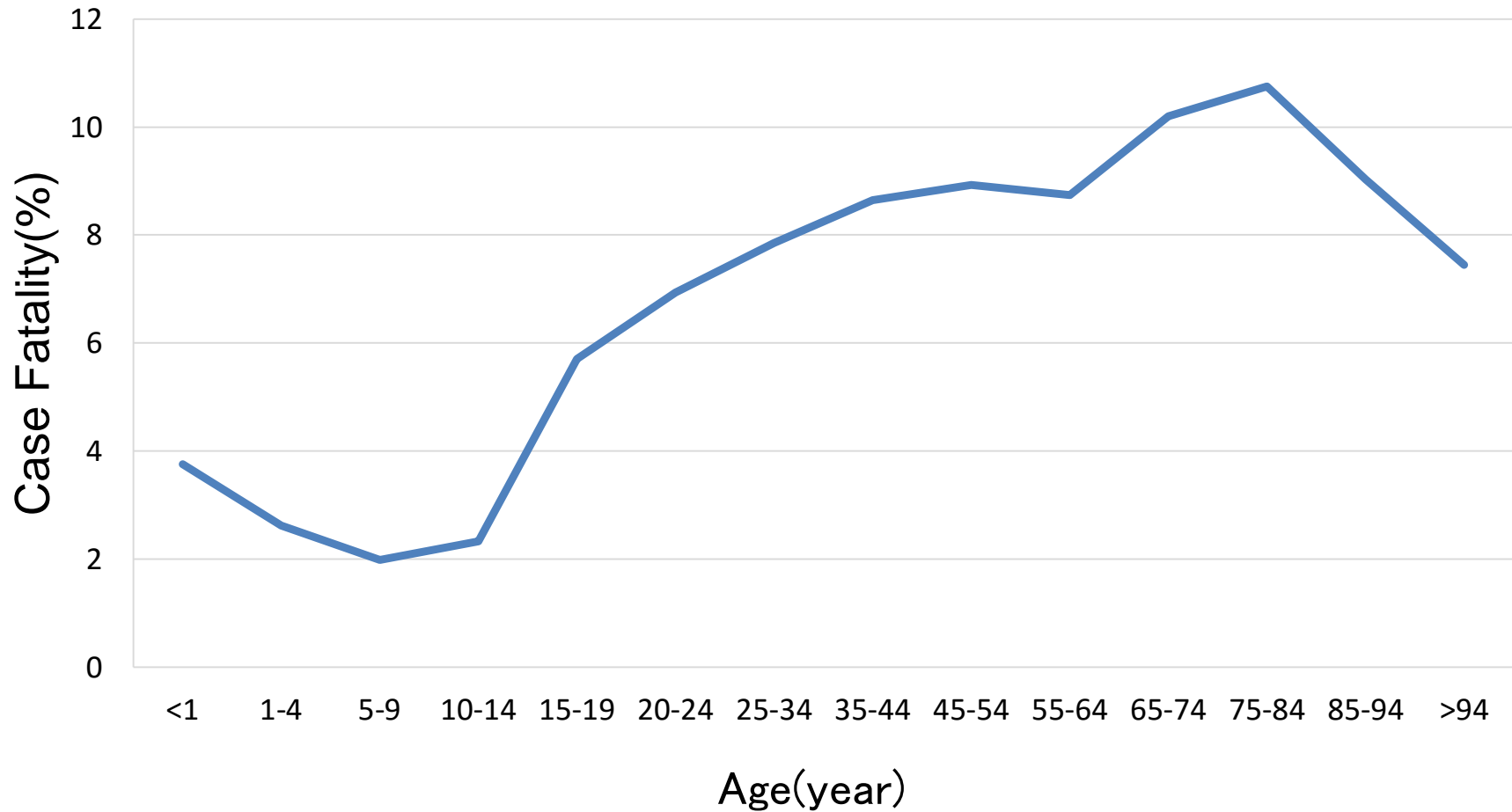
Figure
7**Death by mechanism of injury**

Figure
8

Case Fatality by age



Case fatality at each age category (Case Fatality=number of deaths divided by the number of patients at each category x 100 by age)

Figure
9

Case Fatality by age and gender

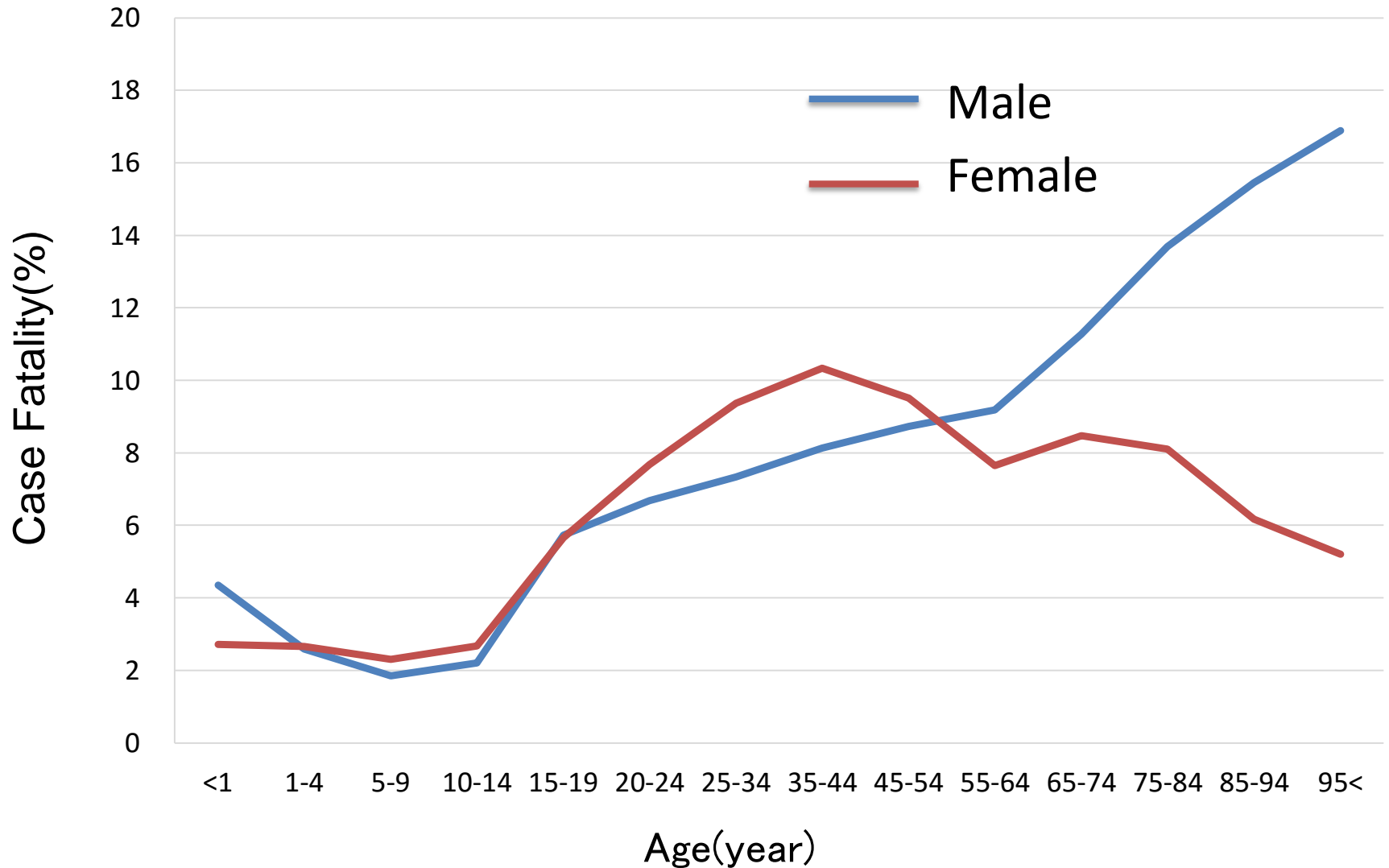


Figure 10

Case Fatality by mechanism of injury and age

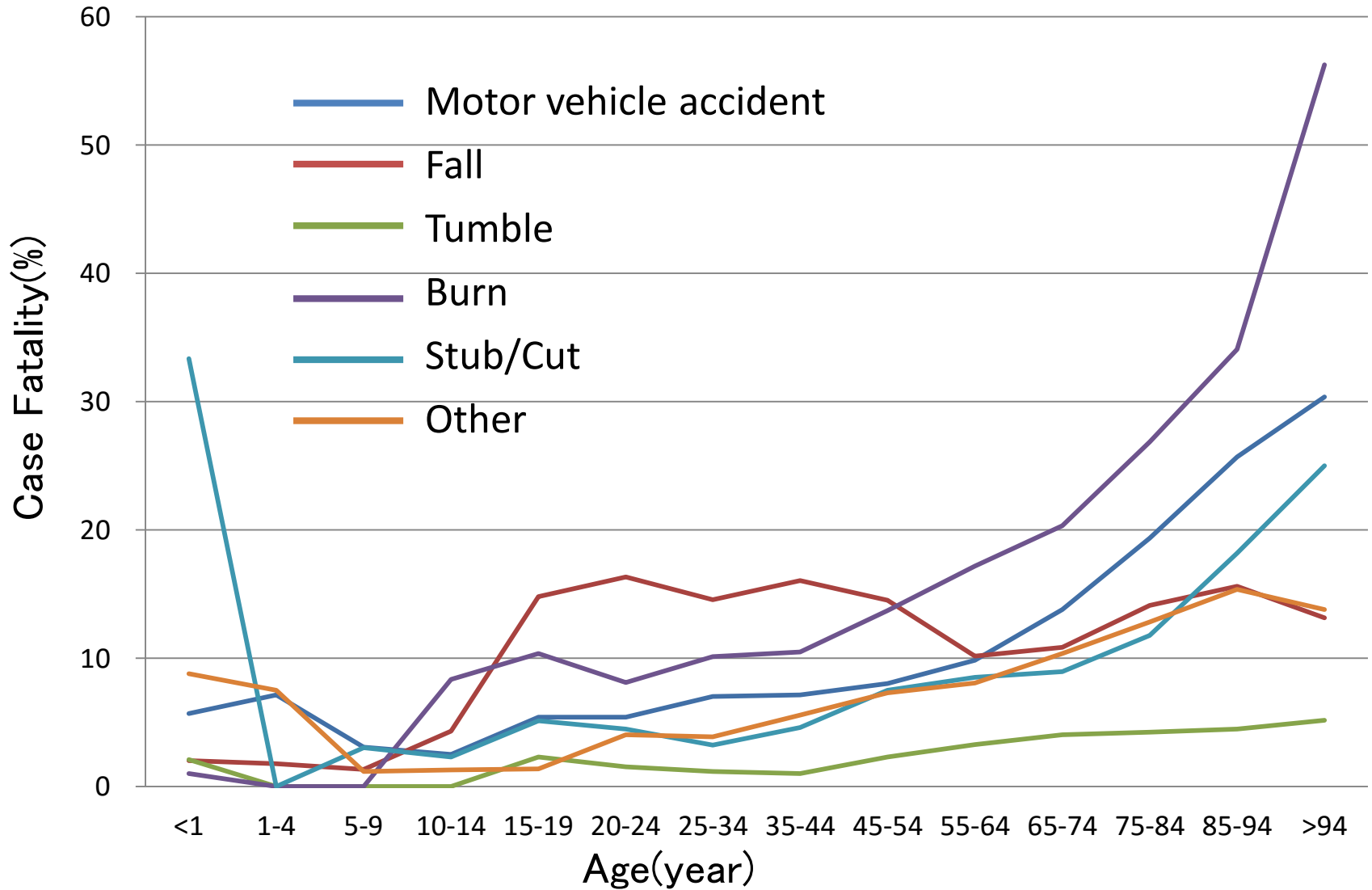
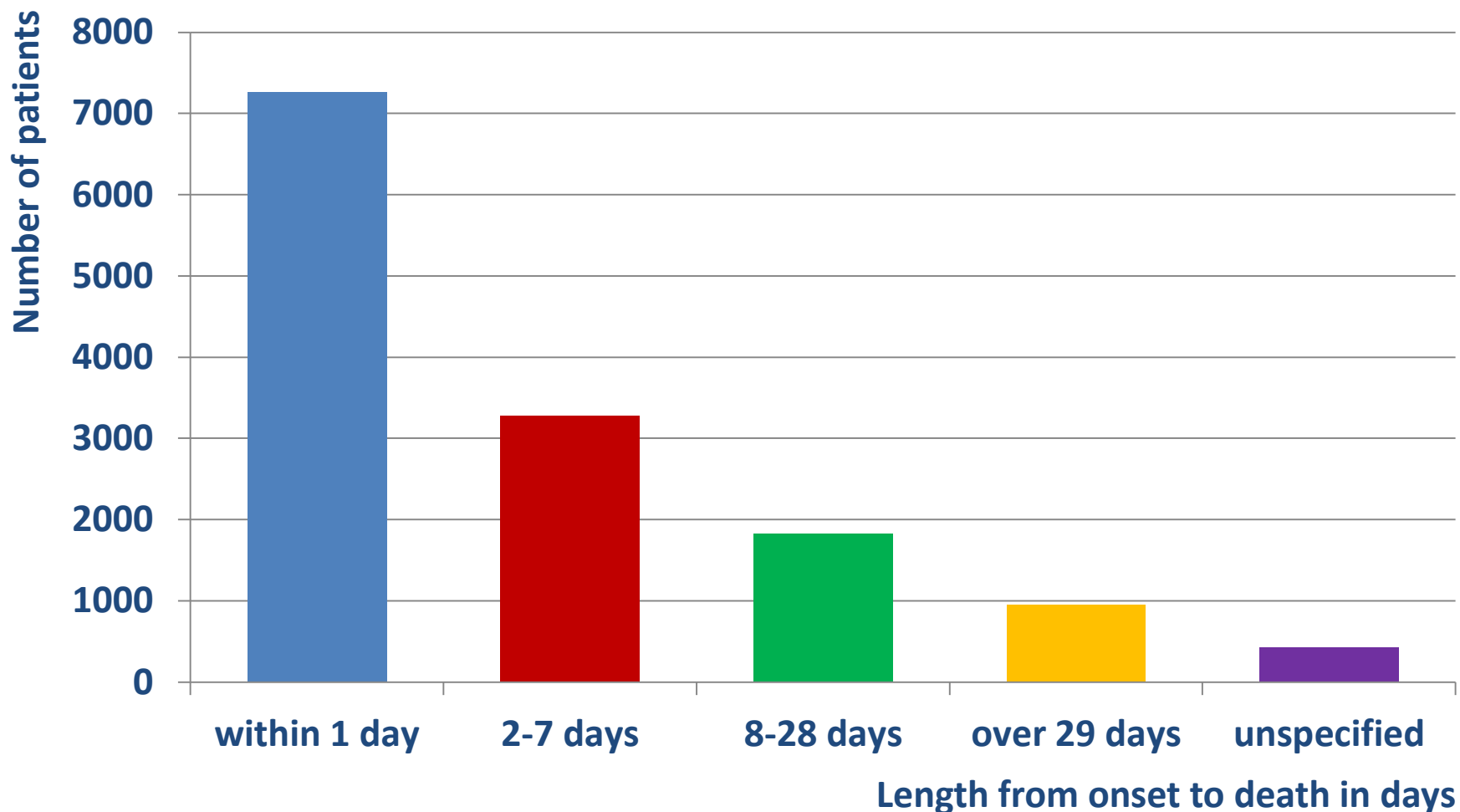
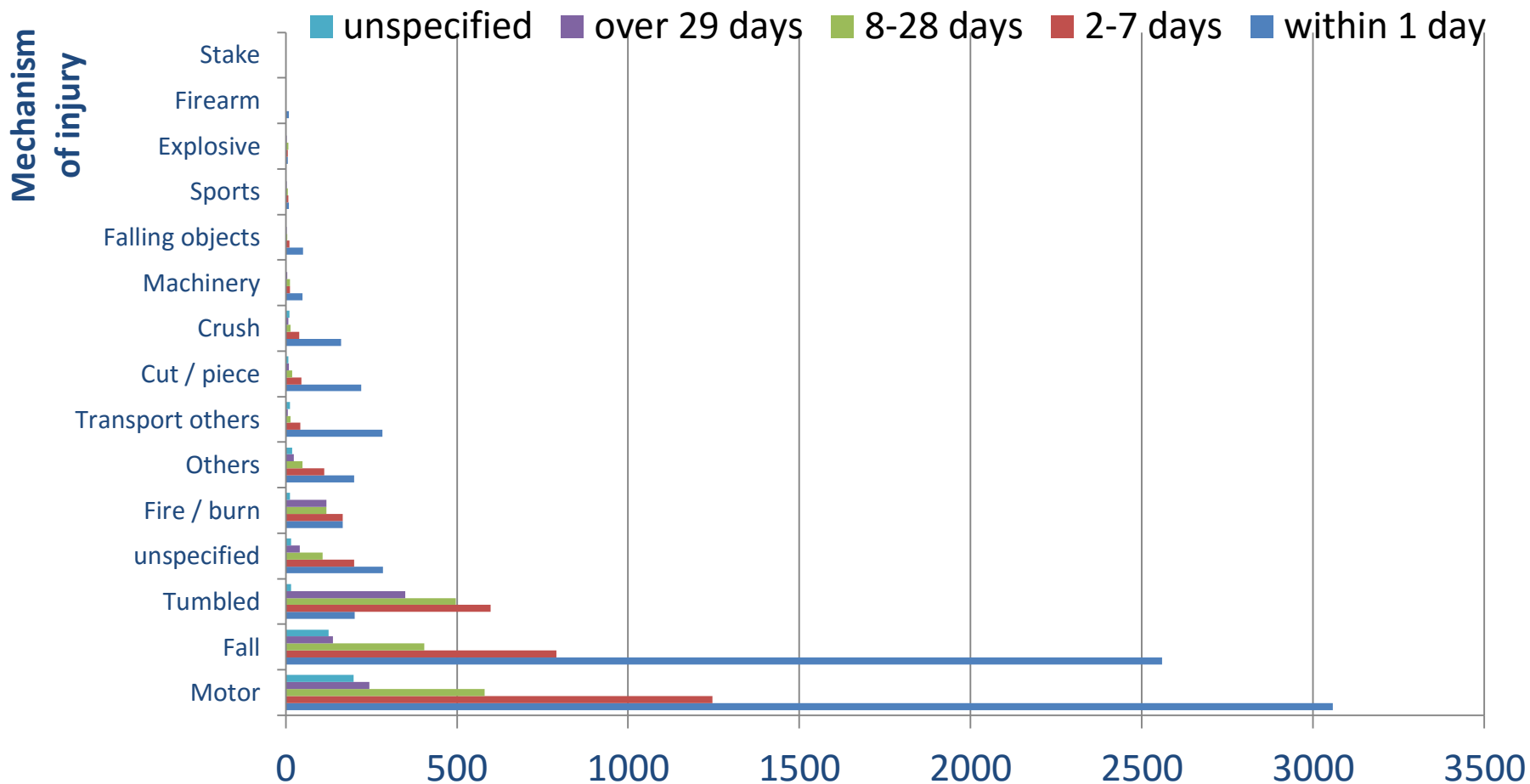


Figure
11A**Proportional distribution of length from onset to facility n = 13,741**

The category within 1 day after onset includes CPAOA patients.

Figure 11B

Proportional distribution of length from onset to fatality, grouped by mechanism of injury. n = 13,741



Others; other blunt / penetrating

Motor; Motor vehicle traffic includes pedal cyclist and pedestrian victims.

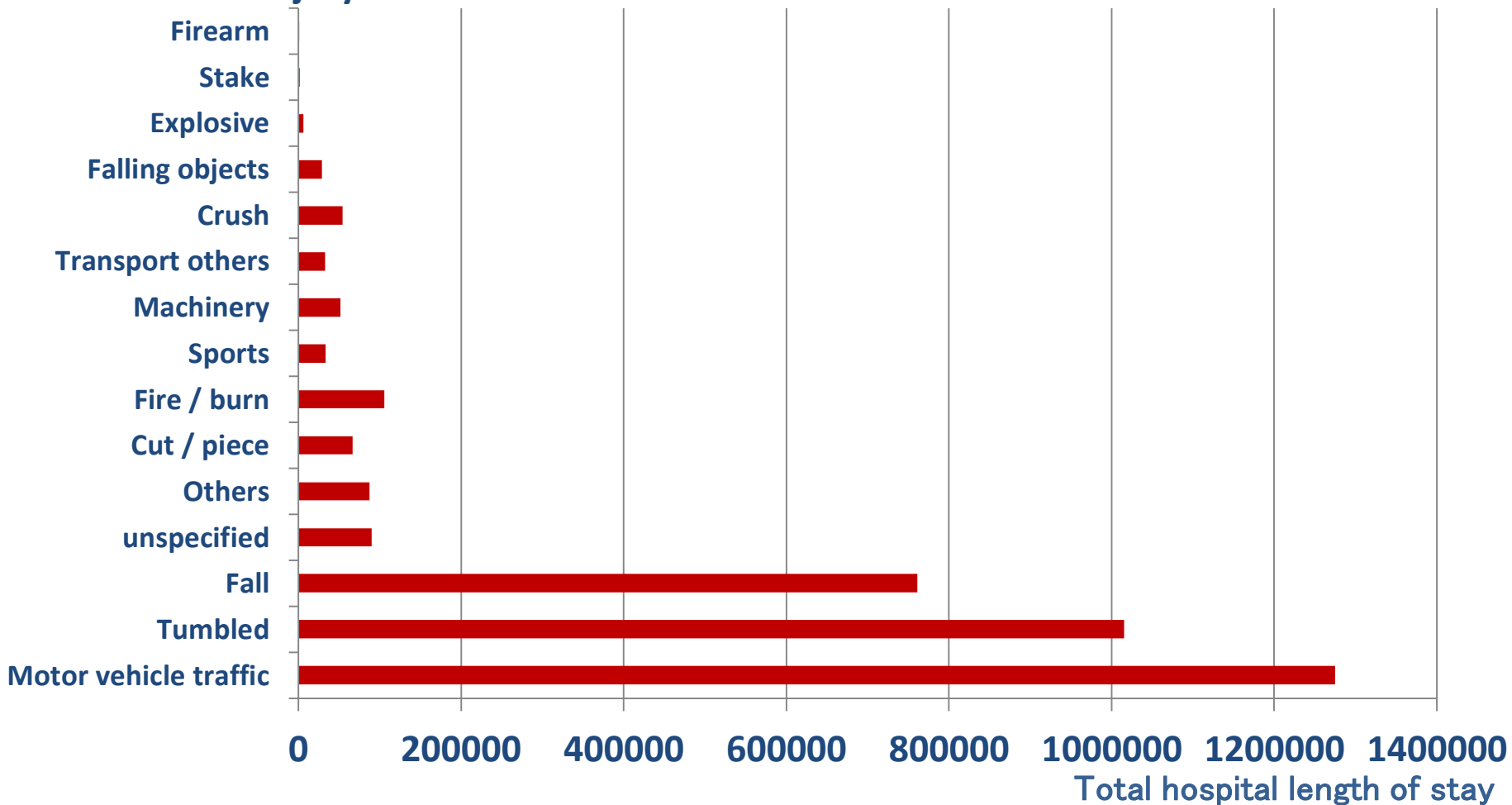
Table
11B

Proportional distribution of length from onset to fatality, grouped by mechanism of injury. n = 13,741

Mechanism Length of hospital days	Motor vehicle traffic	Fall	Tumbled	Unspecified	Fire / burn	Other blunt/penet rating	Transport others	Cut / piece
within 1 day	3058	2560	202	284	167	199	283	220
2 - 7 days	1246	791	599	200	166	113	42	45
8 – 28 days	581	404	497	108	119	49	14	18
over 29 days	245	138	349	41	119	23	6	9
unspecified	198	125	16	15	12	18	12	8
Total	5328	4018	1663	648	583	402	357	300

Motor vehicle traffic includes pedal cyclist and pedestrian victims.

Mechanism Length of hospital days	Crush	Machinery	Falling objects	Sports	Explosive	Firearm	Stake	Total
within 1 day	161	49	51	9	6	9	2	7260
2 - 7 days	39	12	11	7	6	0	1	3278
8 – 28 days	14	12	4	6	7	0	0	1833
over 29 days	7	4	3	3	3	0	0	950
unspecified	11	0	2	1	2	0	0	420
Total	232	77	71	26	24	9	3	13741

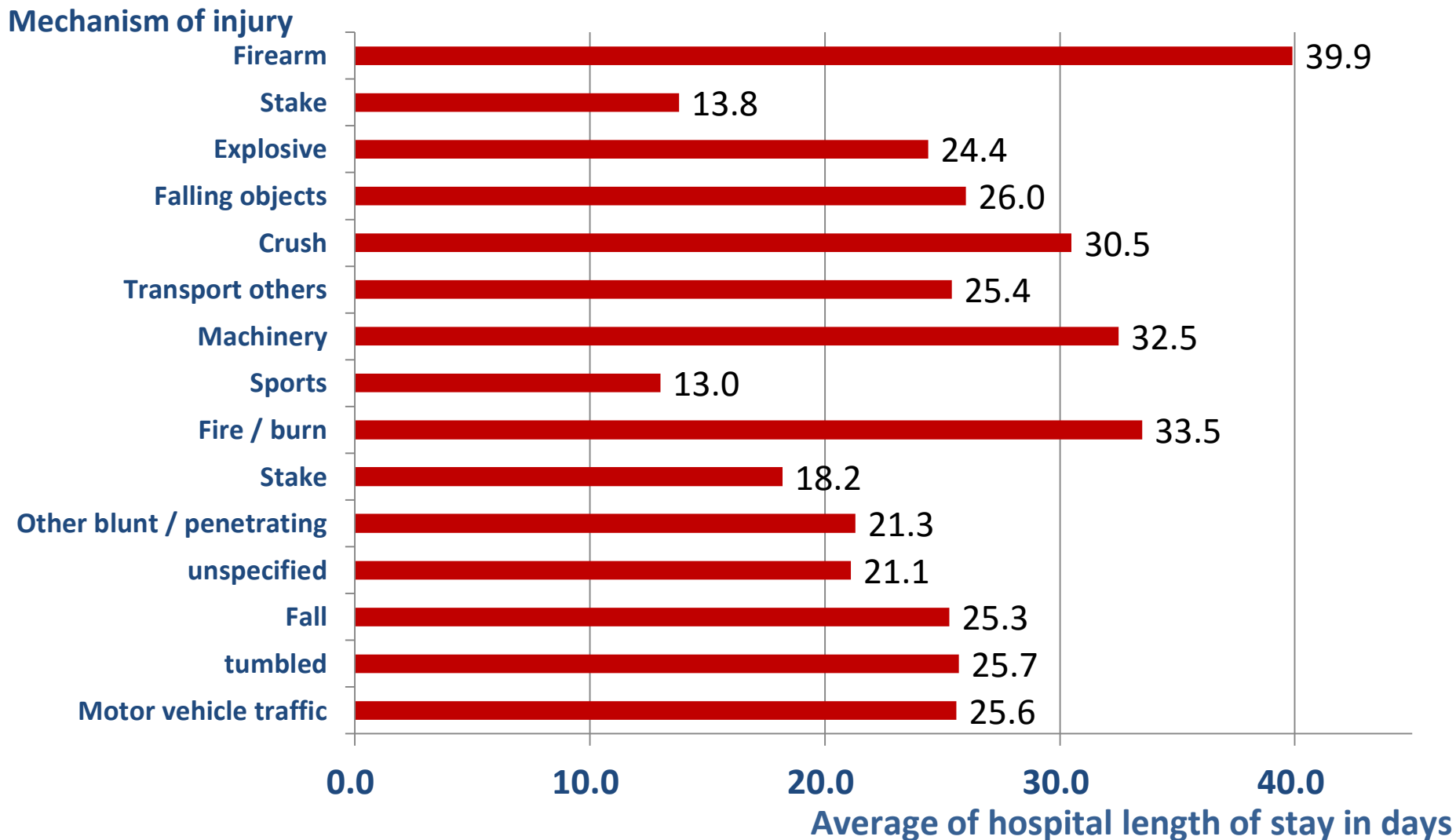
Figure
12**Total hospital length of stay by mechanism of Injury n = 143,255****Mechanism of injury**

Total hospital length of stay of patients are 3,609,255 days.

Table
12**Total and average hospital length of stay by mechanism of injury n = 143,211**

	Number of patients / %		Total hospital LOS in days	Average of hospital LOS in days
Motor vehicle traffic	49,832	34.80%	1,274,738	25.6
Tumbled	39,442	27.54%	1,015,236	25.7
Fall	30,058	20.99%	760,838	25.3
unspecified	4,234	2.96%	89,633	21.1
Other blunt / penetrating	3,104	2.87%	87,445	21.3
Cut / piece	3,663	2.56%	66,665	18.2
Fire / burn	3146	2.20%	105,355	33.5
Sports	2,586	1.81%	33,574	13.0
Machinery	1,580	1.10%	51,323	32.5
Transport others	1,288	0.90%	32,680	25.4
Crush	1,783	0.77%	54,365	30.5
Falling objects	1,097	1.25%	28,549	26.0
Explosive	249	0.17%	6,073	24.4
Stake	121	0.08%	1,664	13.8
Firearm	28	0.02%	1,117	39.9
Total	143,211	—	3,609,255	25.2

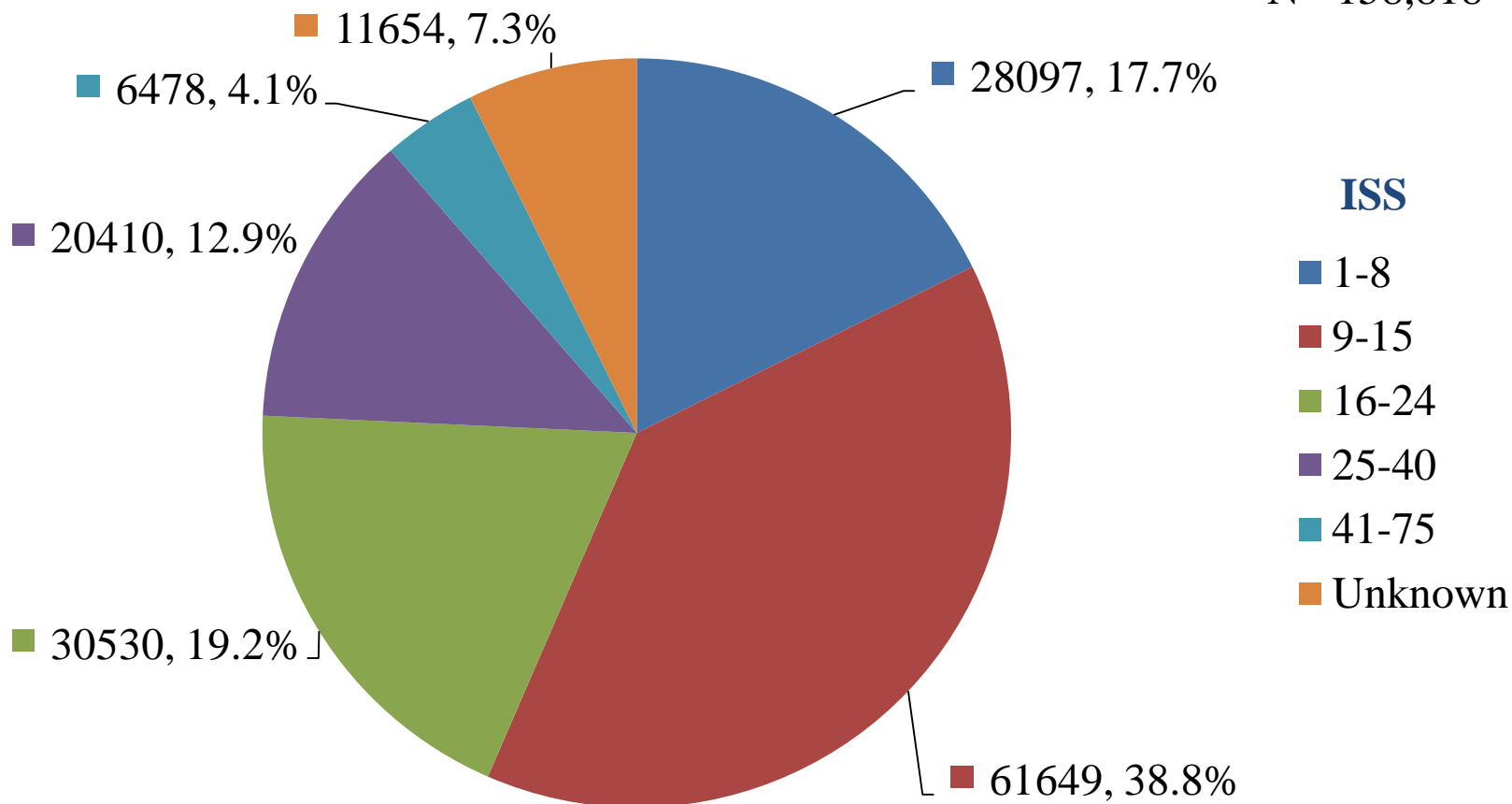
LOS; length of stay Motor vehicle traffic includes pedal cyclist and pedestrian victims

Figure
13**Average hospital length of stay by mechanism of injury n = 143,211**

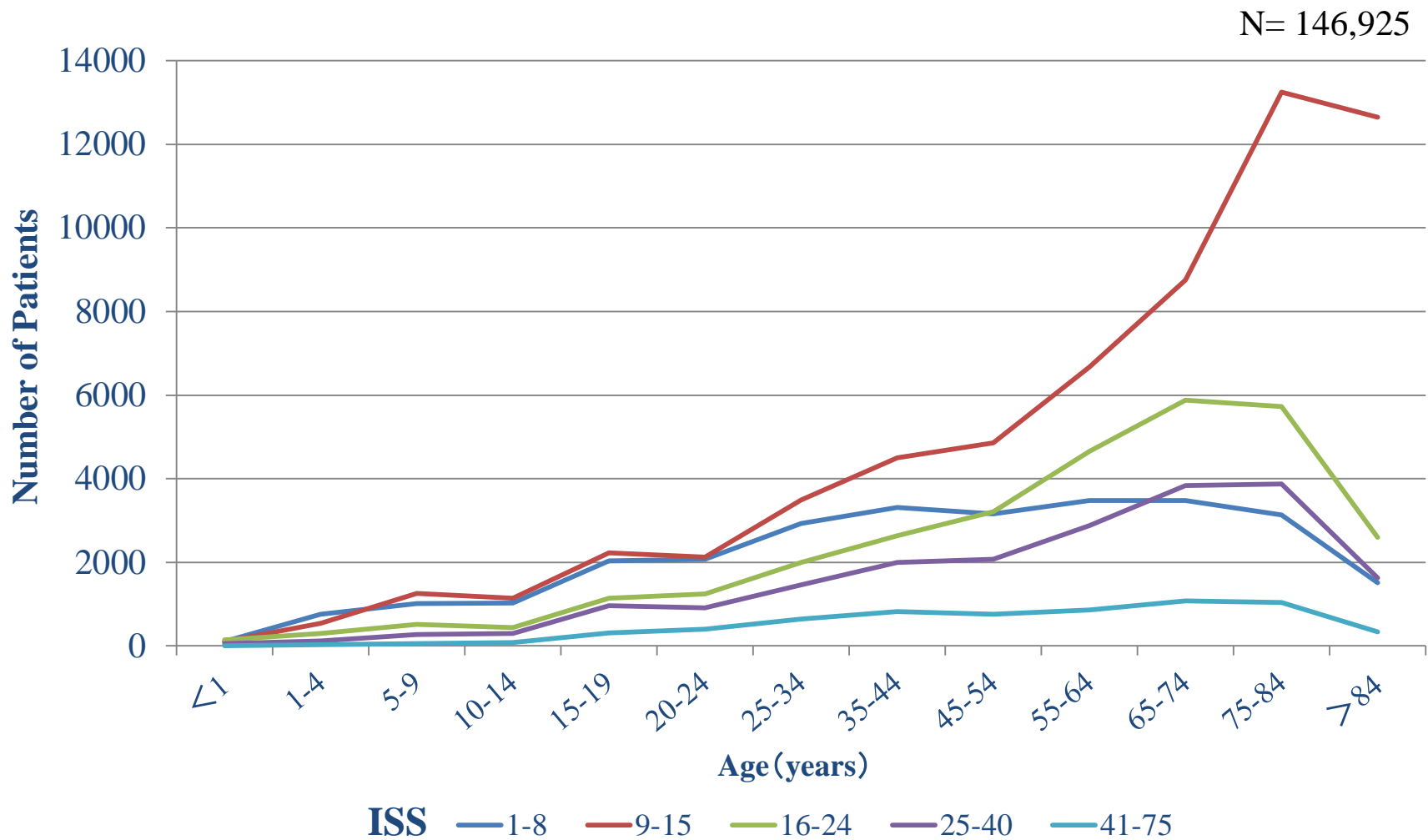
Motor vehicle traffic includes pedal cyclist and pedestrian victims.

Figure
14**Patients and Injury Severity Score (ISS)**

N= 158,818



**Proportional distribution of patients grouped by categories of the ISS range.
The number of patients of ISS 9-15 category was the most of all categories.**

Figure
15**Patients by ISS and Age**

Number of injured patients grouped by ISS range, at each age from 0 to 114.

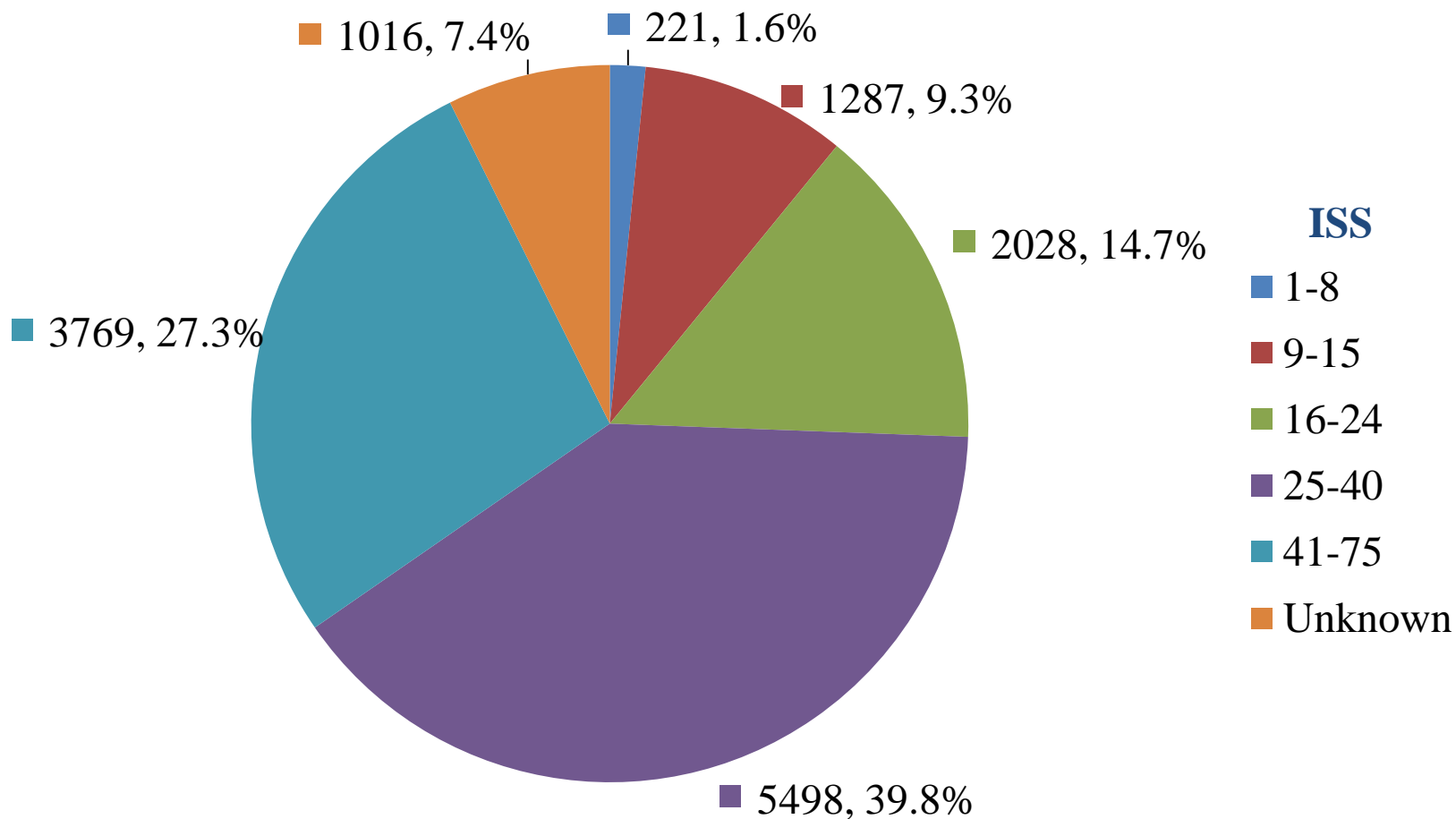
The peaks of the number of patients based on age distribution were seen at 35-44 and 55-74 ages of ISS 1-8, and at 65-84 ages of another ISS categories.

Table
15**Patients by ISS and Age**

Age ISS	0	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85-	Unknown	Total
1-8	107	765	1014	1030	2038	2070	2927	3310	3165	3484	3480	3140	1513	54	28097
9-15	111	537	1252	1143	2222	2129	3498	4496	4859	6674	8753	13256	12645	74	61649
16-24	148	304	511	436	1143	1247	1993	2641	3211	4650	5879	5733	2595	39	30530
25-40	61	122	268	298	969	912	1458	1999	2071	2881	3834	3879	1626	32	20410
41-75	3	34	55	79	317	399	642	825	757	866	1080	1043	338	40	6478
Unknown	76	380	373	278	563	658	976	1191	1160	1402	1753	1682	961	201	11654
Total	506	2142	3473	3264	7252	7415	11494	14462	15223	19957	24779	28733	19678	440	158818

Figure
16A**Deaths and Injury Severity Score (ISS)**

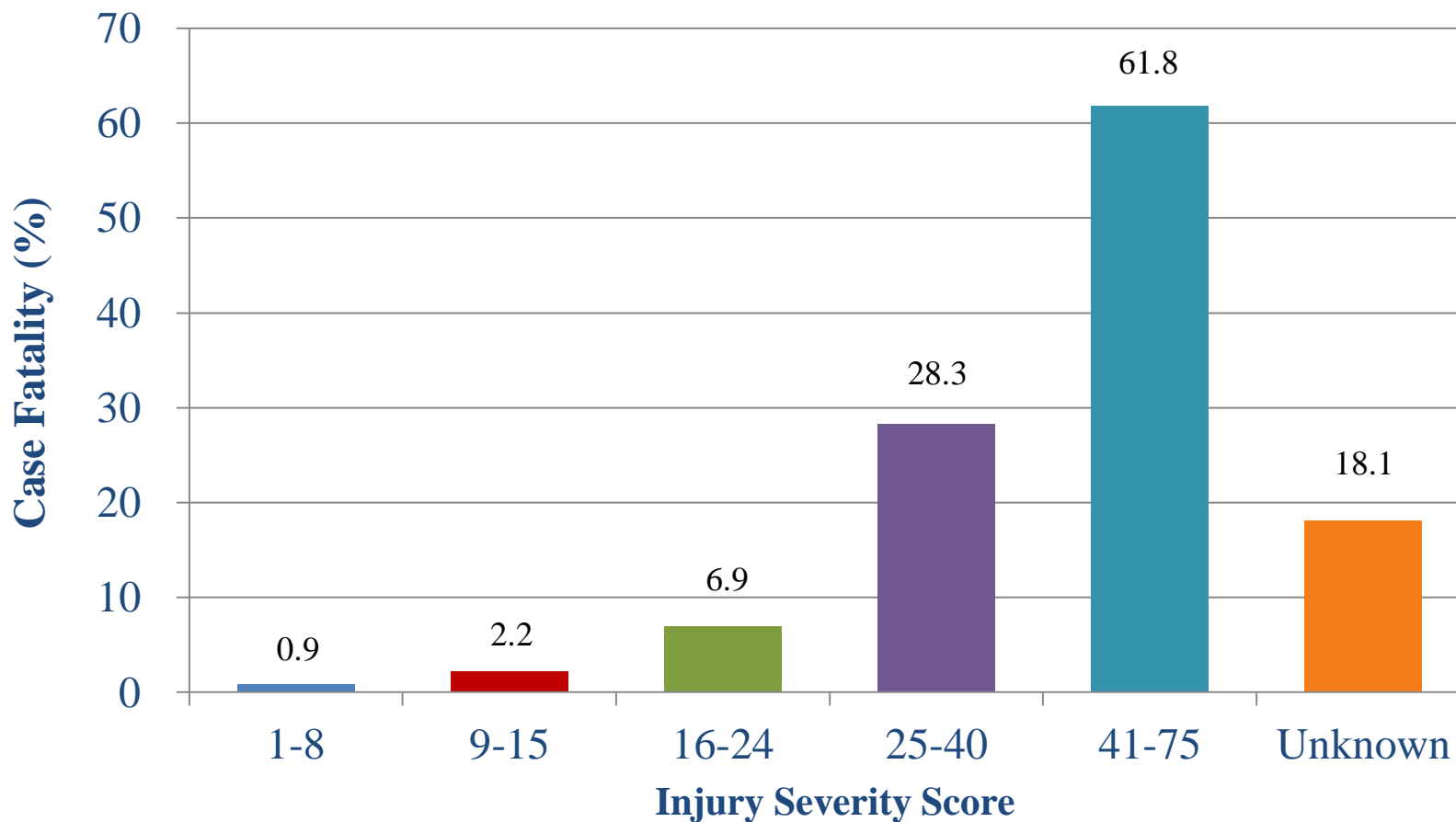
N= 13,819



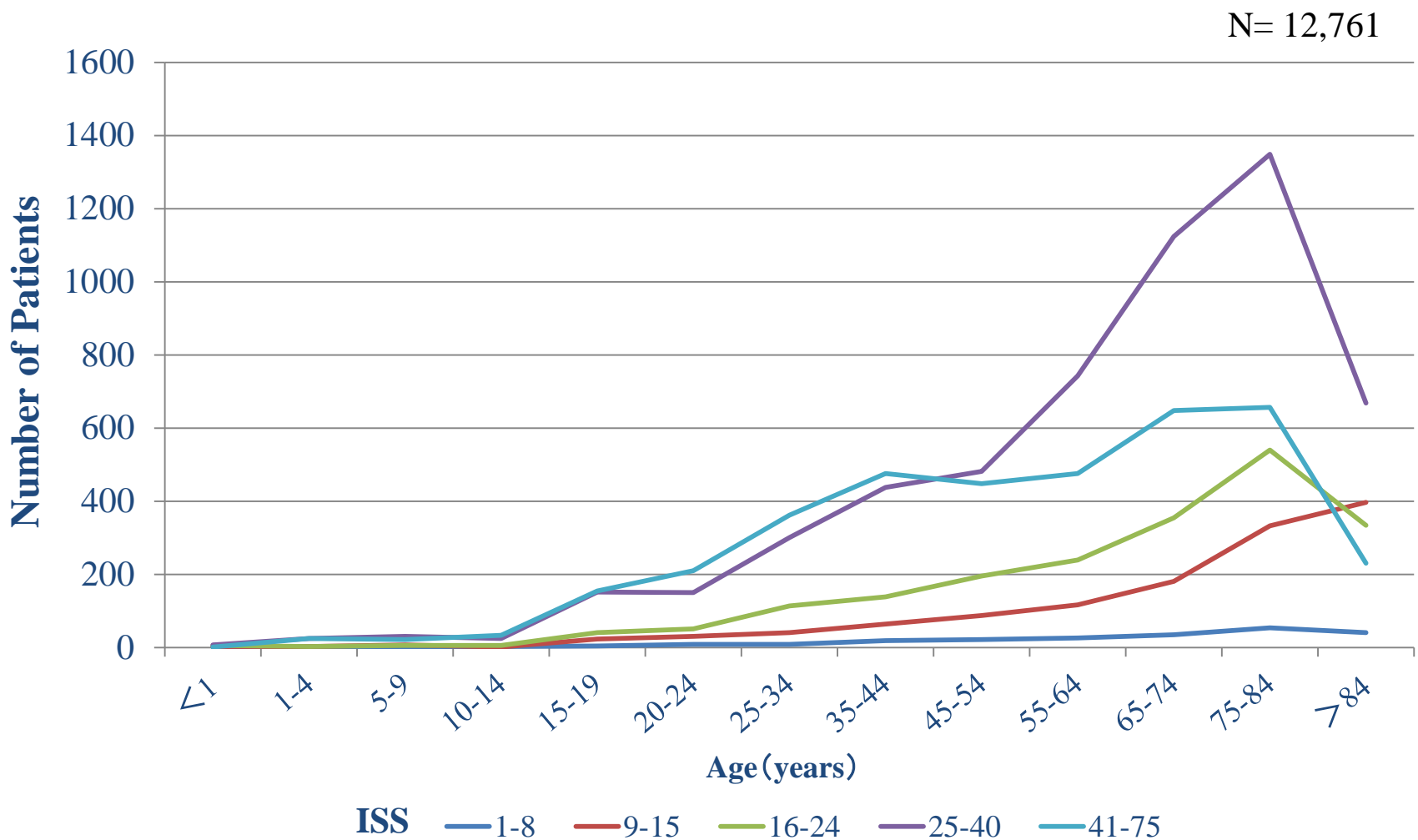
Proportional distribution of deaths grouped by categories of ISS range. Deaths in ISS 25-40 category were the highest.

Figure
16B**Case Fatality by Injury Severity Score (ISS) Range**

N= 13,819



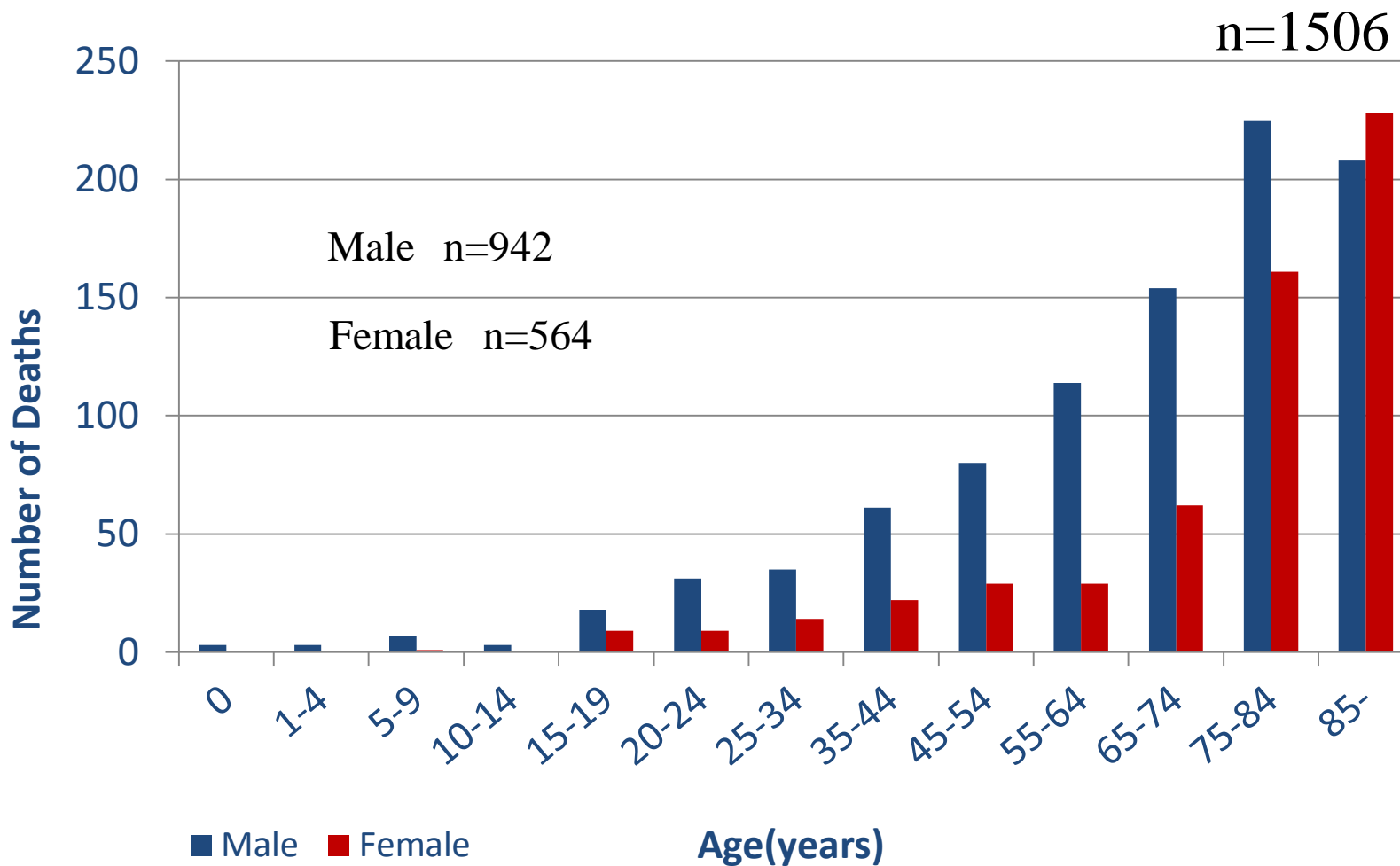
Case fatality grouped by ISS range was higher in severe trauma category.
(Case fatality = number of deaths divided by the number of patients \times 100 by ISS range).

Figure
17**Deaths by ISS and Age**

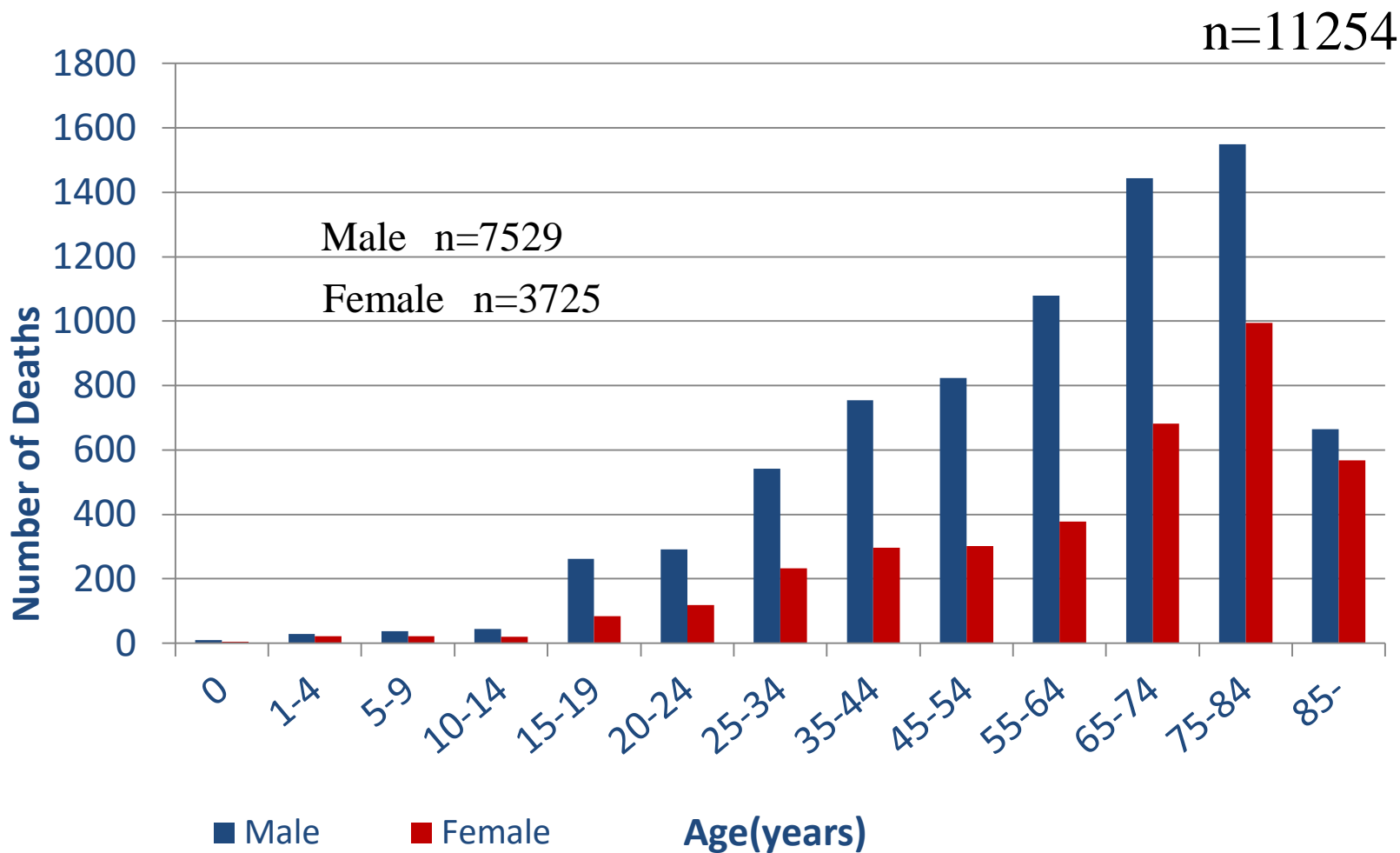
The peak was seen at elderly ages in ISS 9-40, and the category ISS 41-75 has two peaks at young and elderly ages.

Table
17**Deaths by ISS and Age**

Age ISS	0	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85-	Unknown	Total
1-8	1	0	1	2	4	9	8	19	22	26	35	54	40	0	221
9-15	2	3	7	1	23	31	41	64	87	117	181	332	396	2	1287
16-24	5	2	6	6	40	51	114	139	195	239	355	539	334	3	2028
25-40	7	24	31	25	152	150	300	437	481	743	1124	1349	668	7	5498
41-75	1	24	22	33	154	210	361	476	448	476	647	657	230	30	3769
Unknown	3	3	2	9	41	63	79	115	126	143	186	159	78	9	1016
Total	19	56	69	76	414	514	903	1250	1359	1744	2528	3090	1746	51	13819

Figure
18**Deaths by Age and Gender (ISS≤15)**

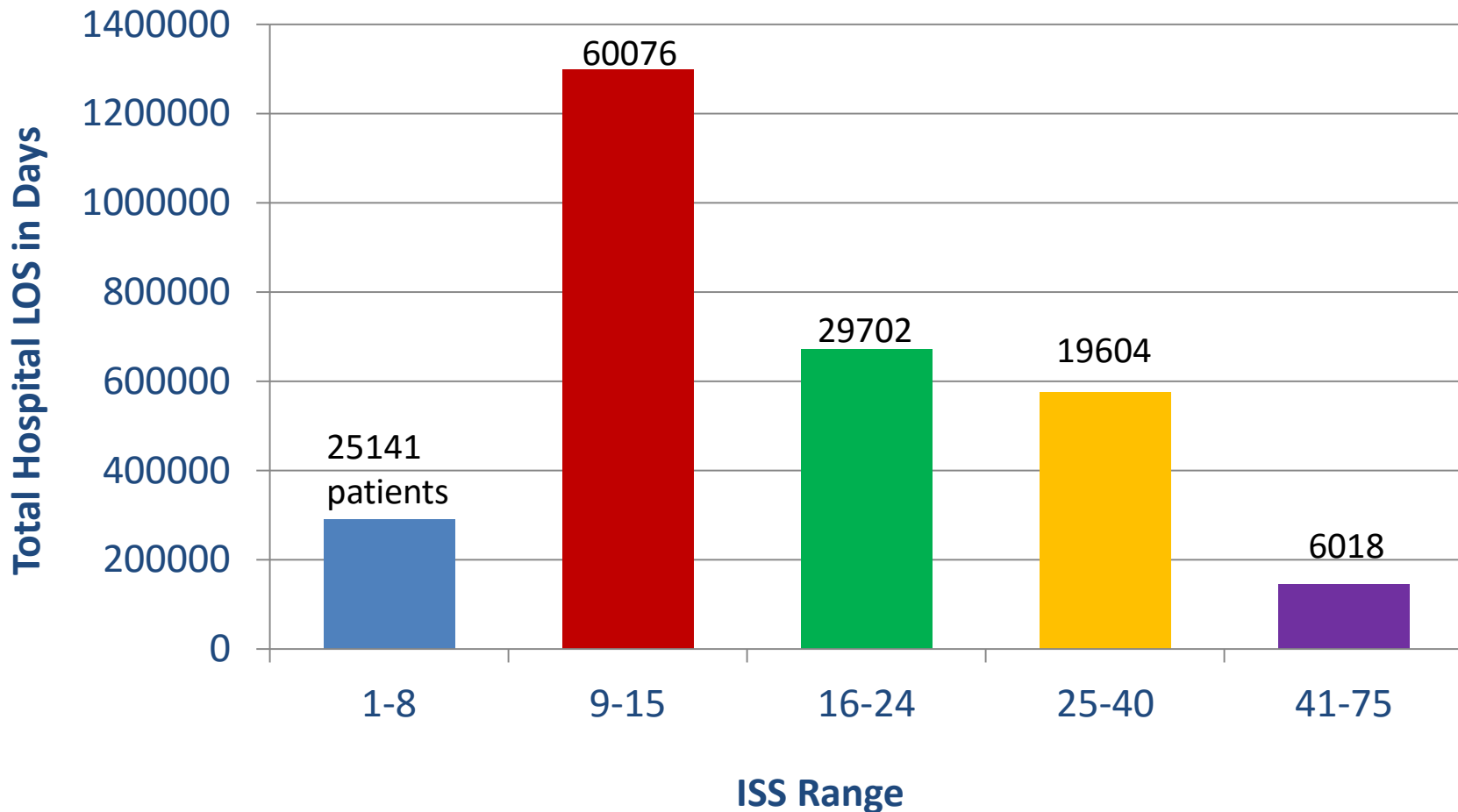
Deaths for patients with ISS≤15 for males and females at each age category.

Figure
19**Deaths by Age and Gender (ISS>15)**

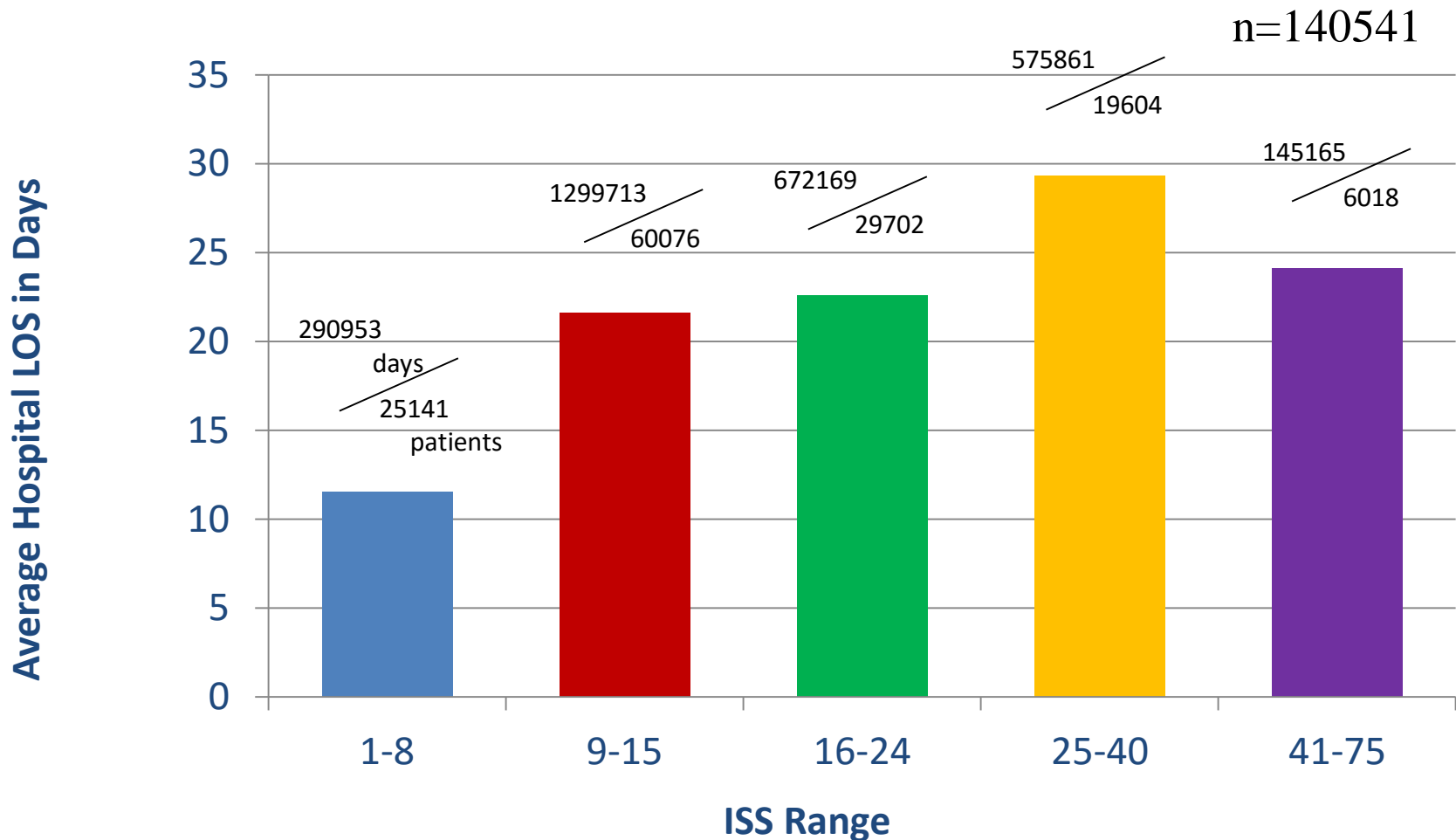
Deaths for patients with ISS>15 for males and females at each age category.

Figure
20A**Total Hospital LOS and Injury Severity Score (ISS)**

n=140541



Proportional distribution of total hospital length of stay for patients, grouped by ISS range.

Figure
20B**Average Hospital LOS and Injury Severity Score**

Average hospital length of stay for each category of ISS range. (Average hospital length of stay = total hospital length of stay for each ISS range divided by the total number of patients).

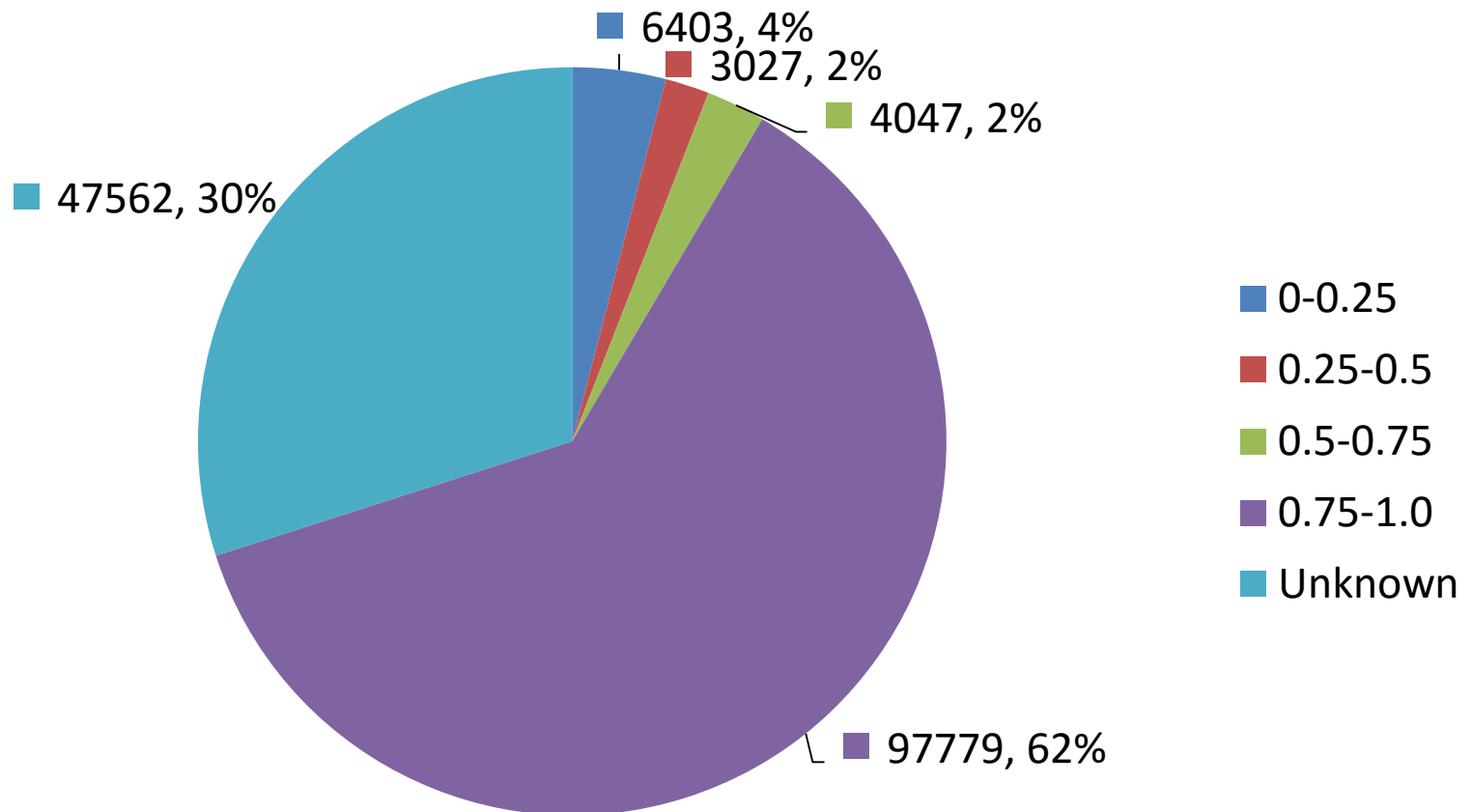
Figure
21**Distribution of patients by probability of survival (Ps)**

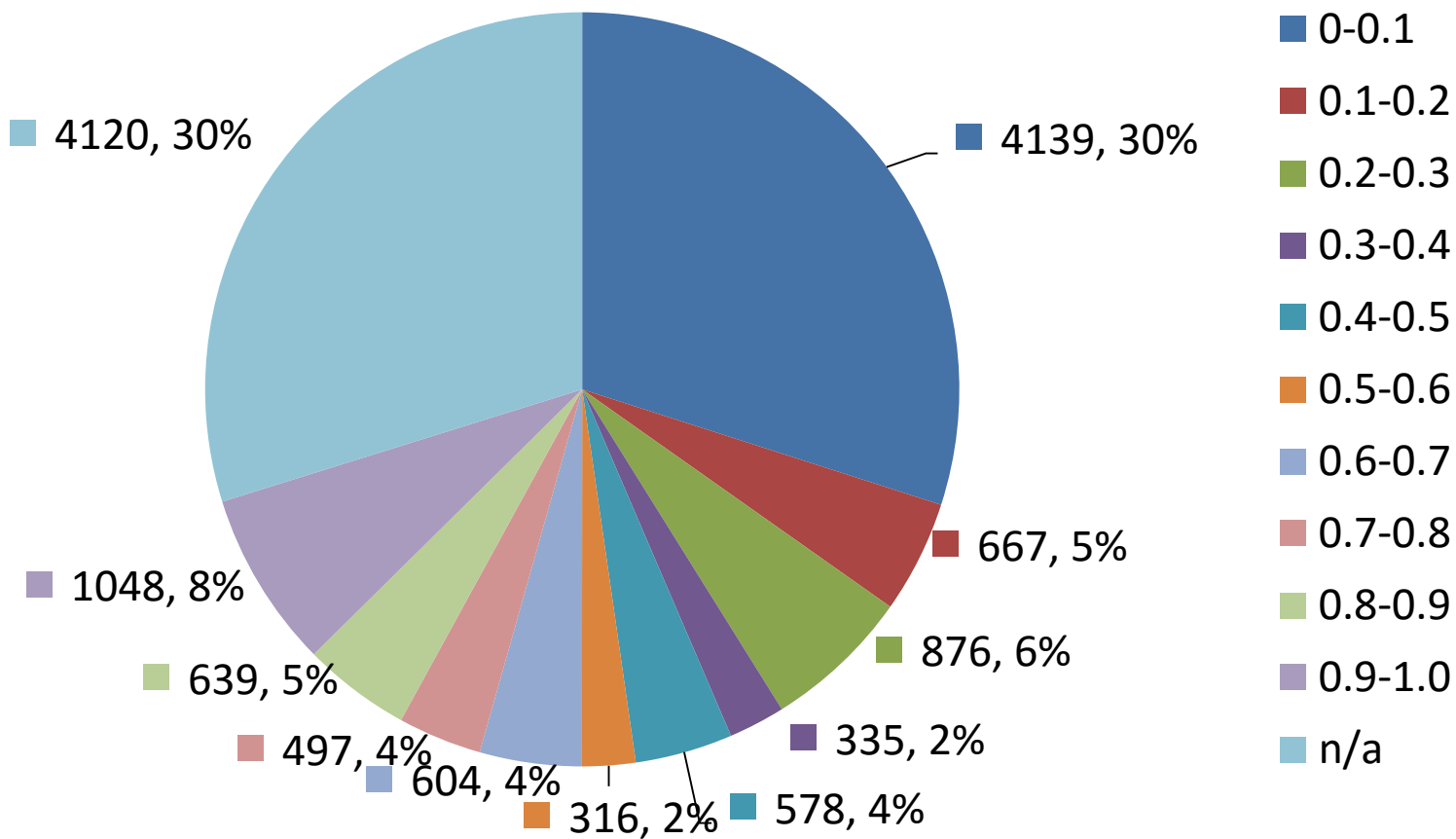
Figure
22A**Distribution of deaths by probability of survival (Ps)**

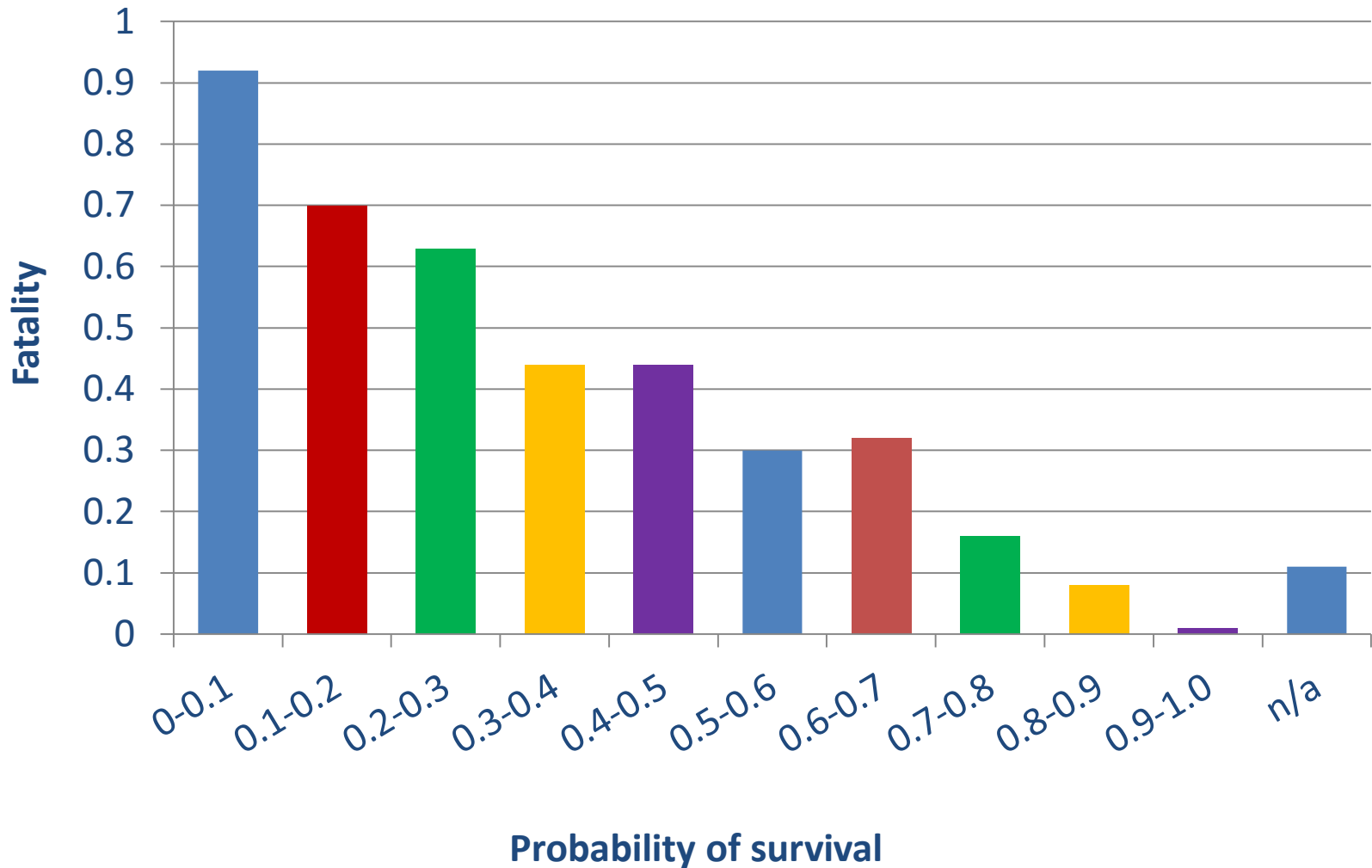
Figure
22B**Case fatality by probability of survival (Ps)**

Figure
23

The number of patients in traffic accidents by types of vehicle and age (n = 45,896)

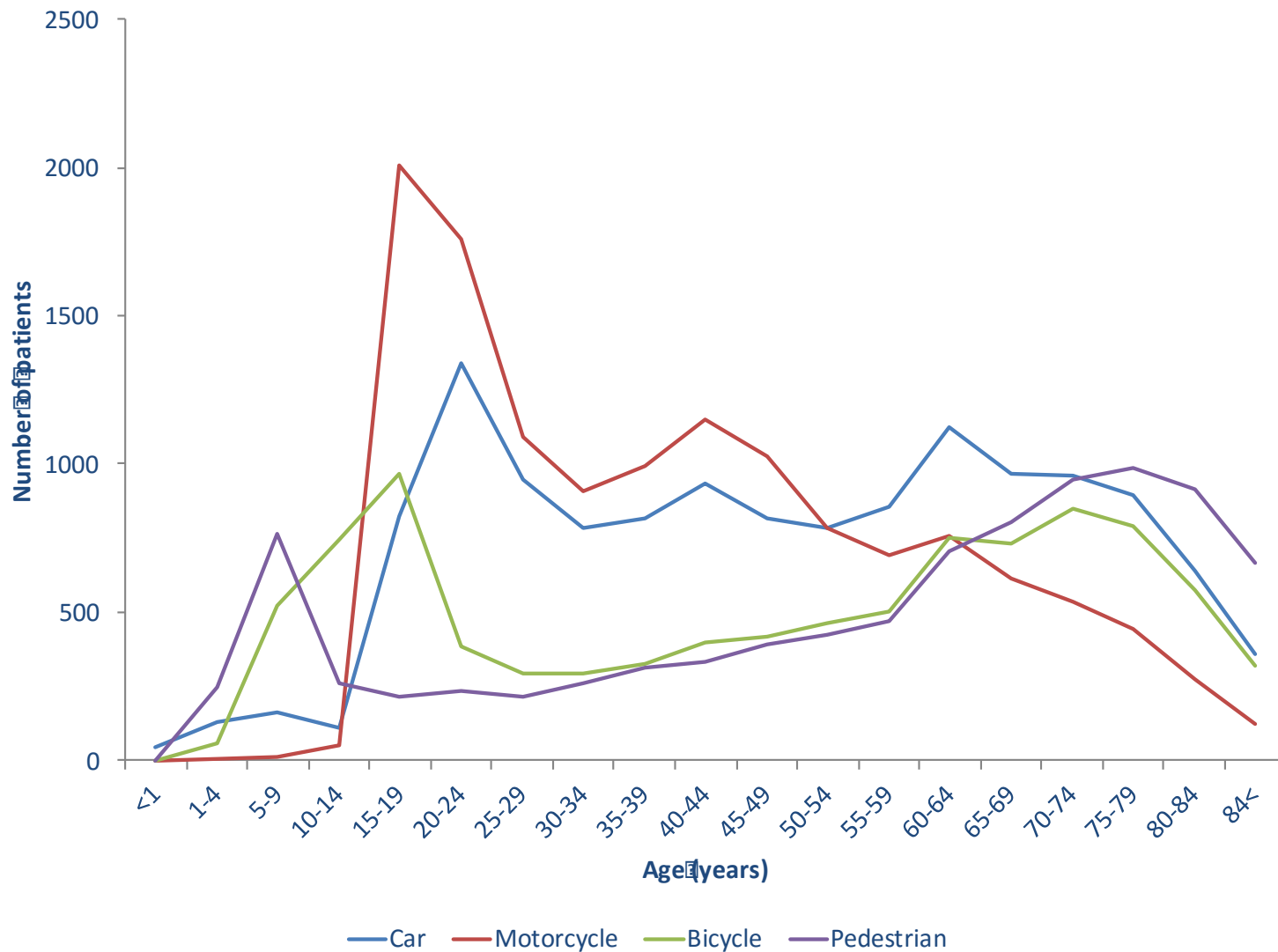


Figure
24

The number of patients in car accident by drivers and passengers and age (n = 13,489)

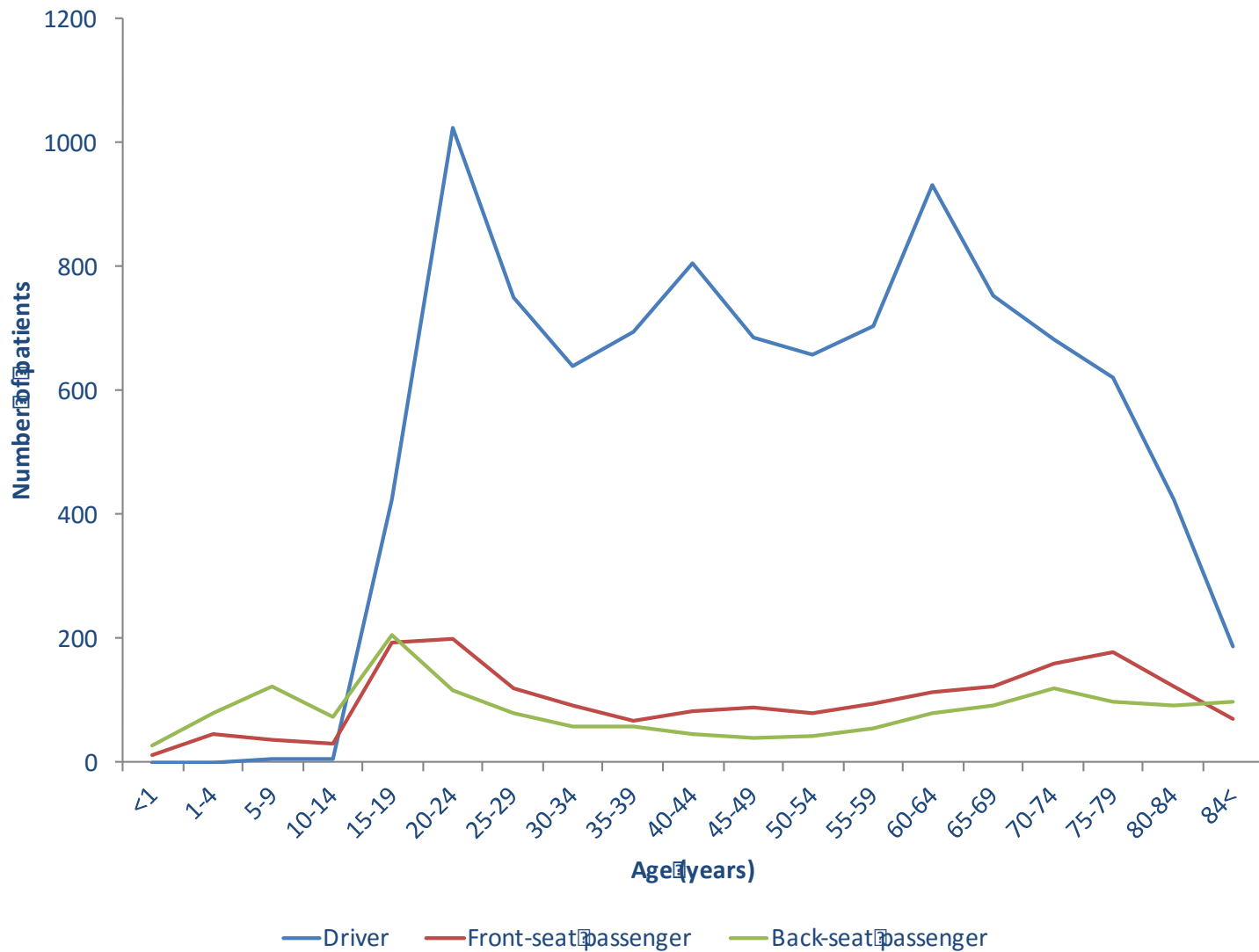


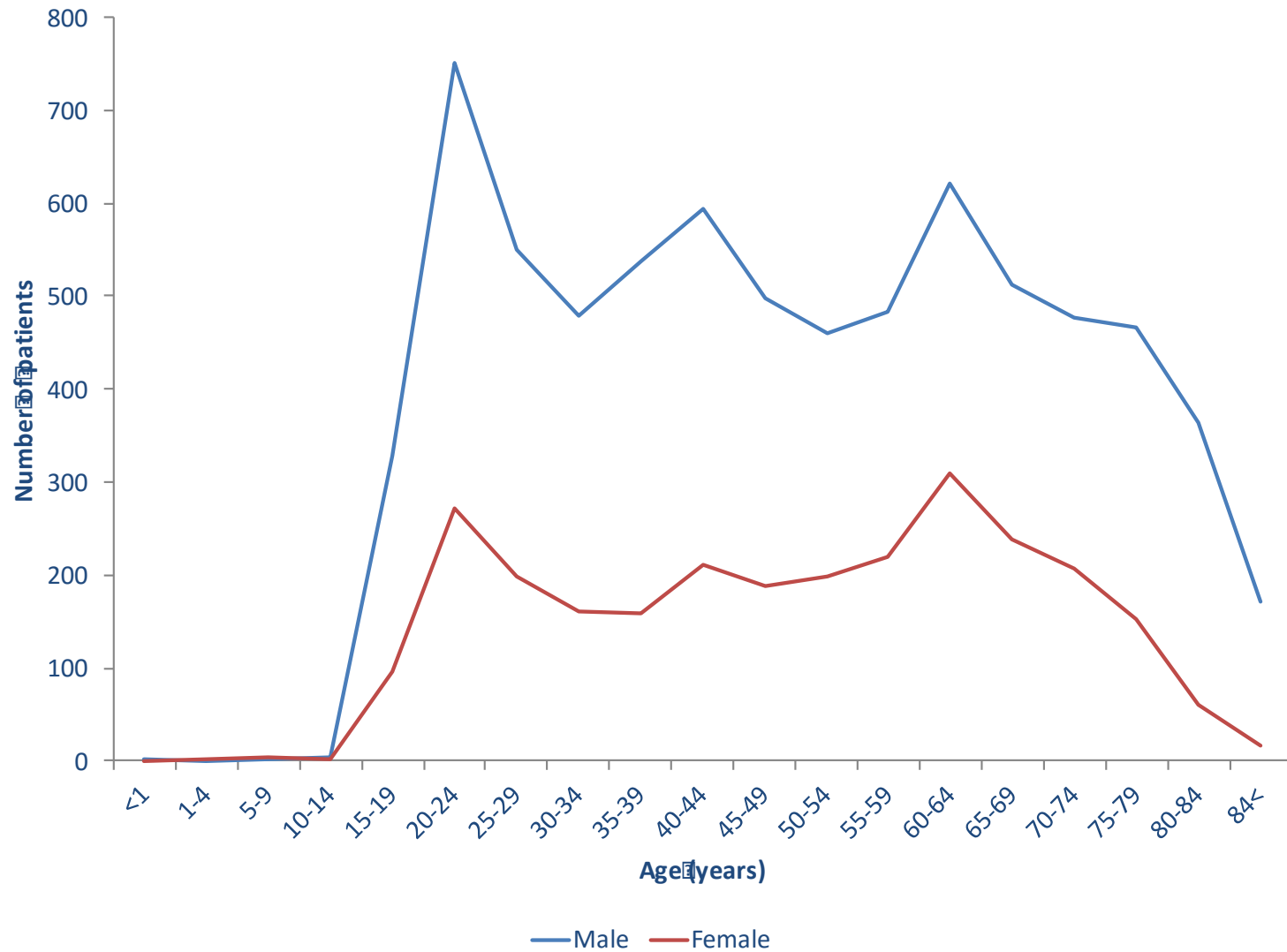
Figure
25**The number of patients in car accident (driver) by gender and age (n = 9,993)**

Figure
26

The number of patients in car accident (passenger) by gender and age (n = 1,910)

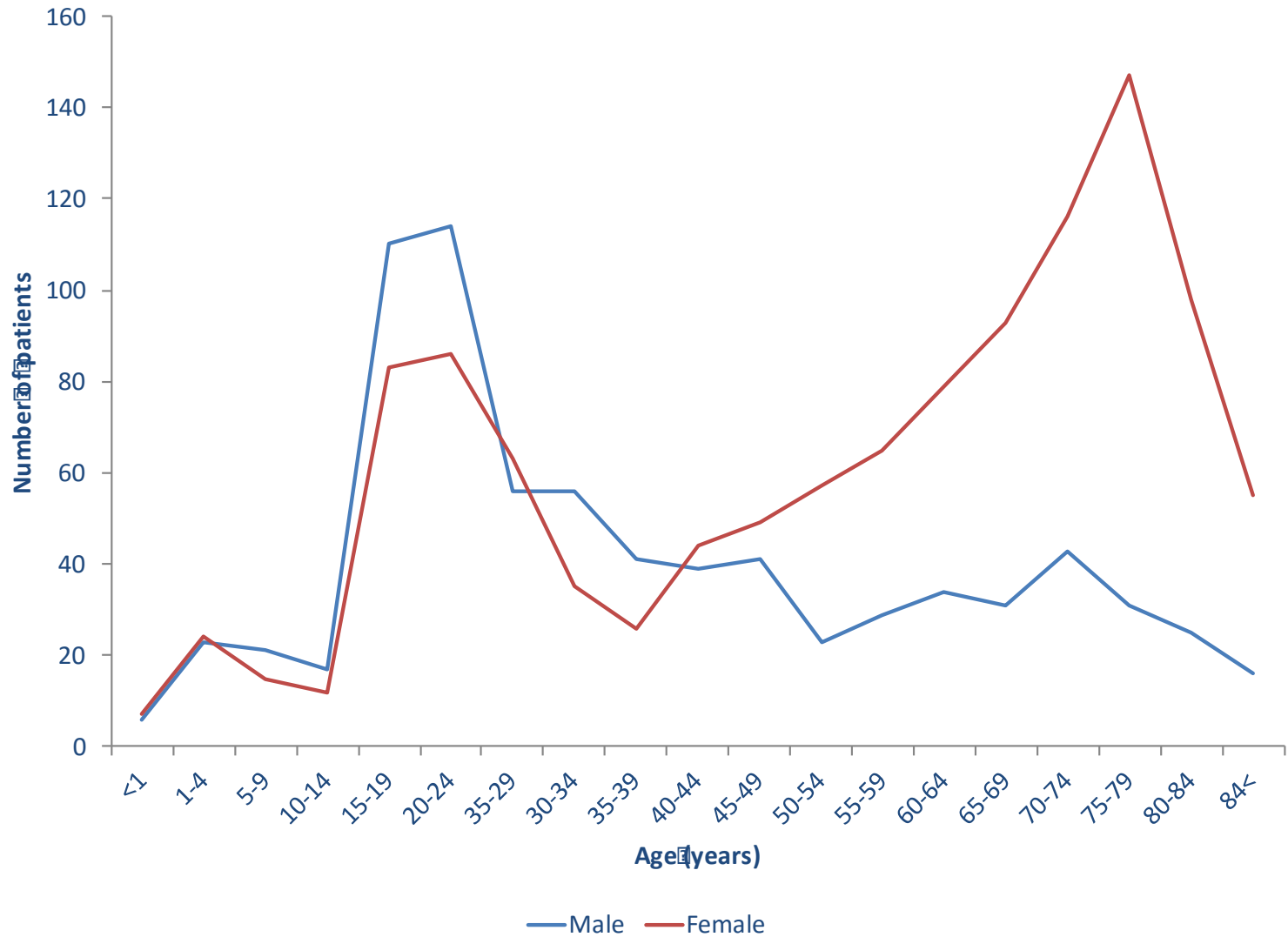


Figure 27

Number of Deaths and Fatalities of Motor Vehicular Drivers by Age

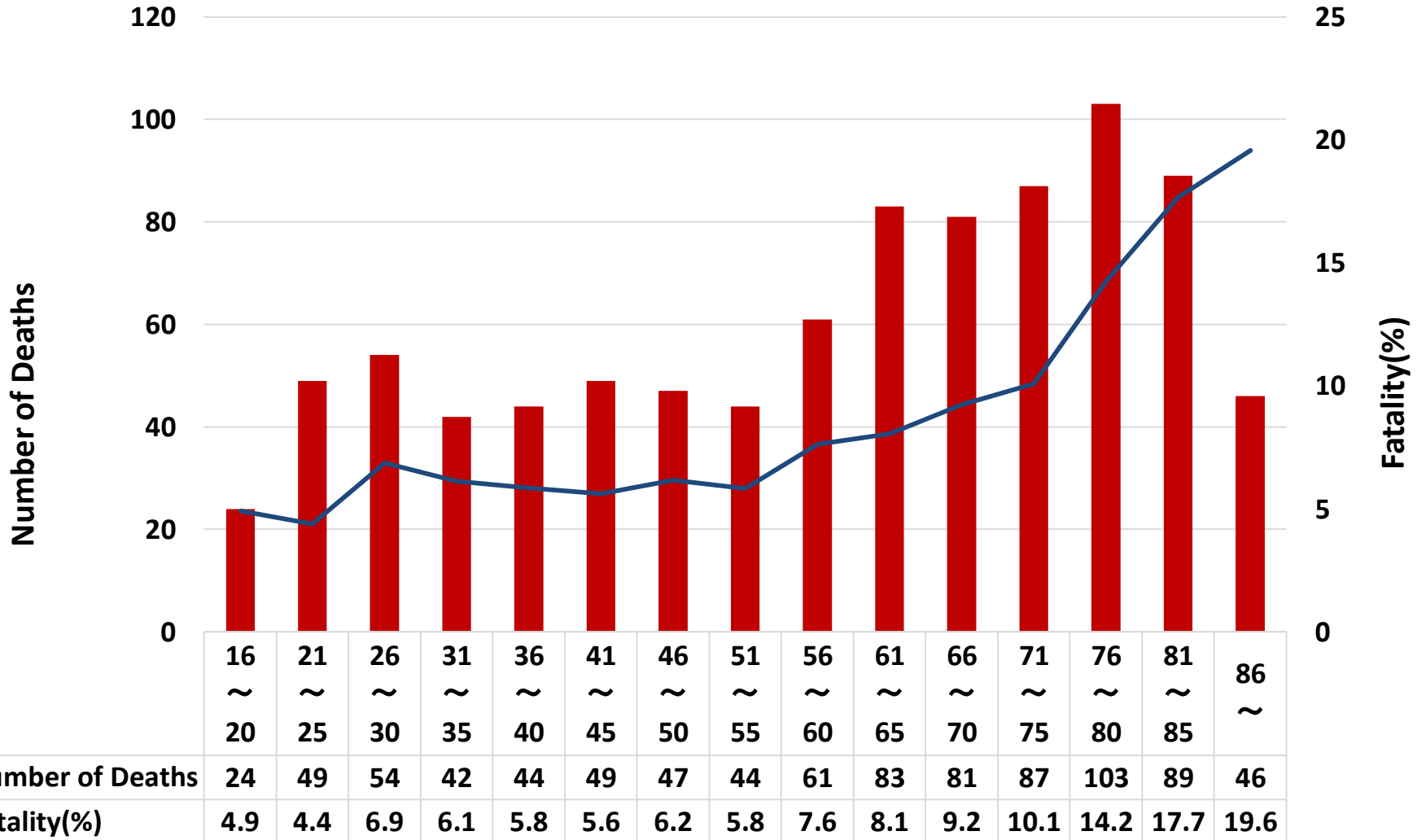


Figure
28

Number of Deaths of Motor Vehicular Drivers by Age and Genders

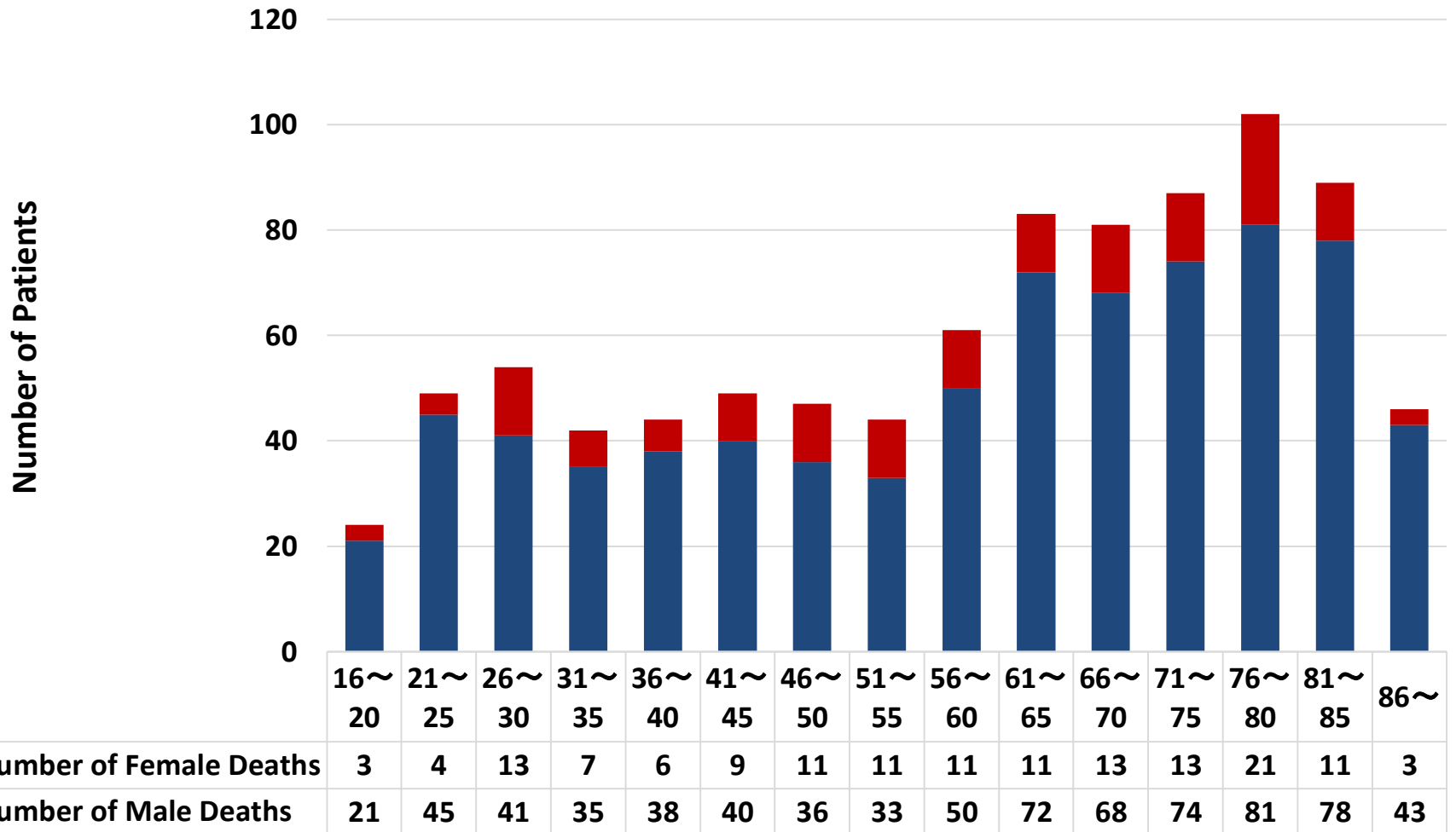


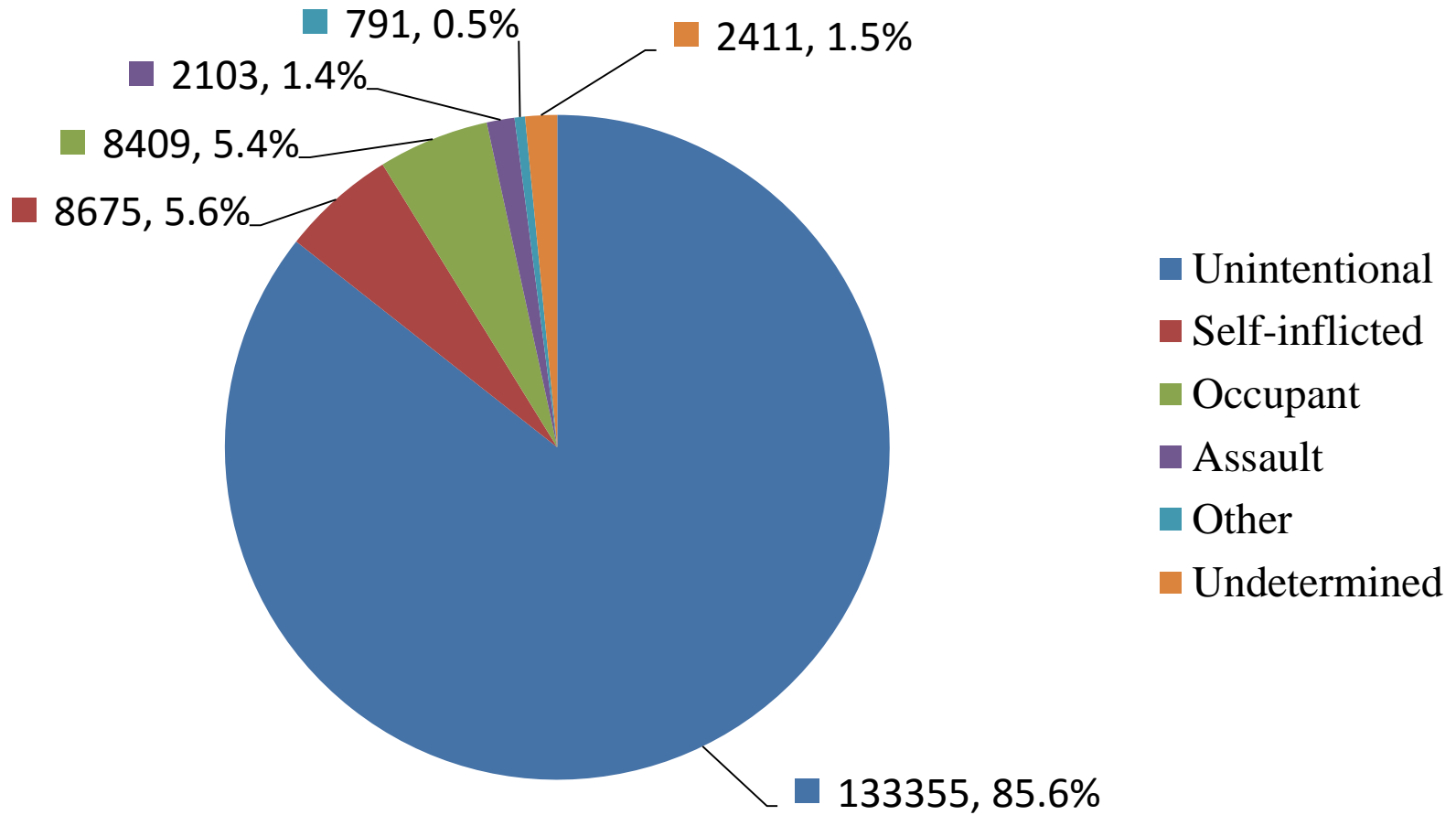
Figure
29**Proportional distribution of registered patients, grouped by intent**

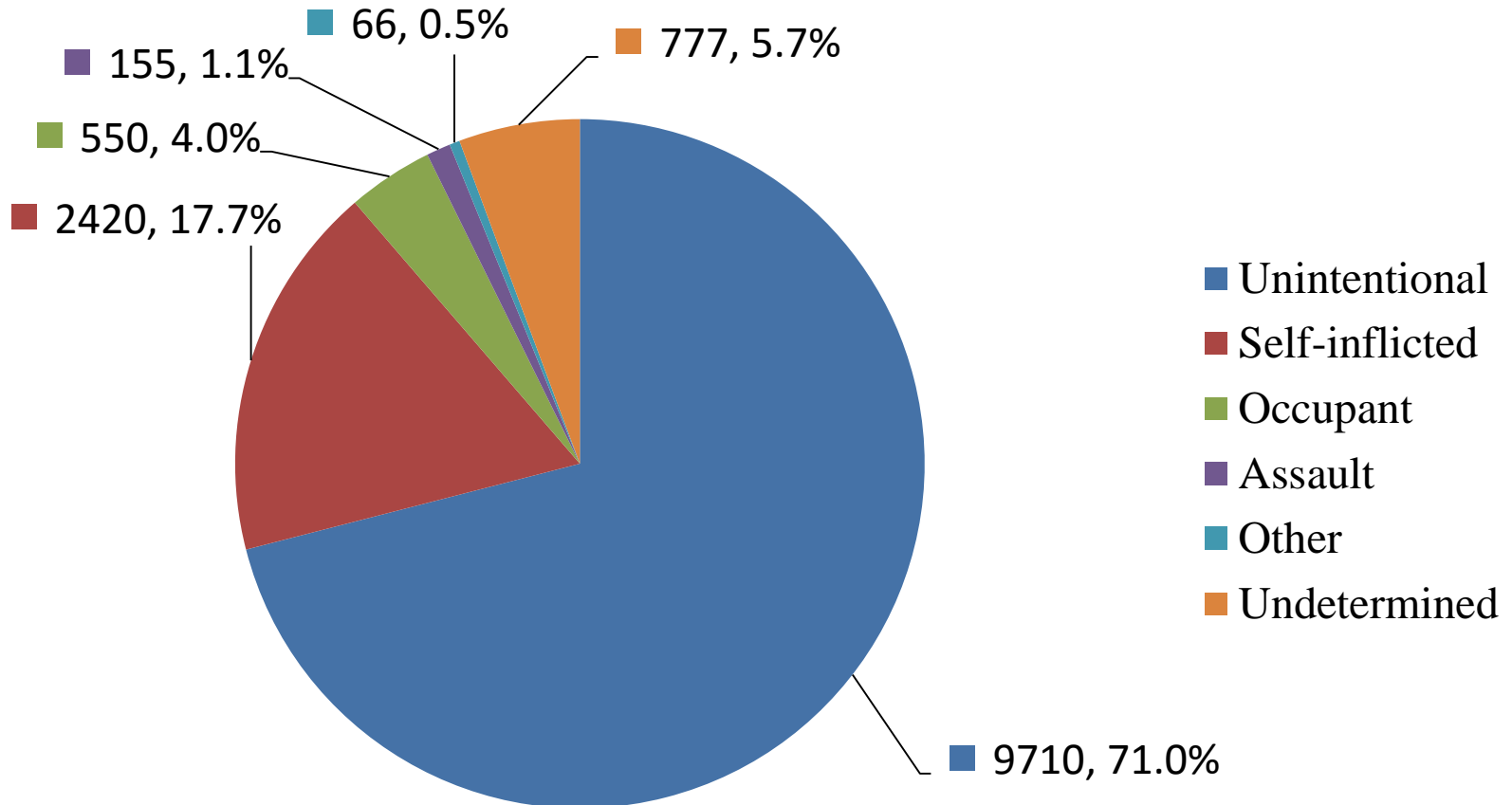
Figure
30**Proportional distribution of deaths, grouped by intent**

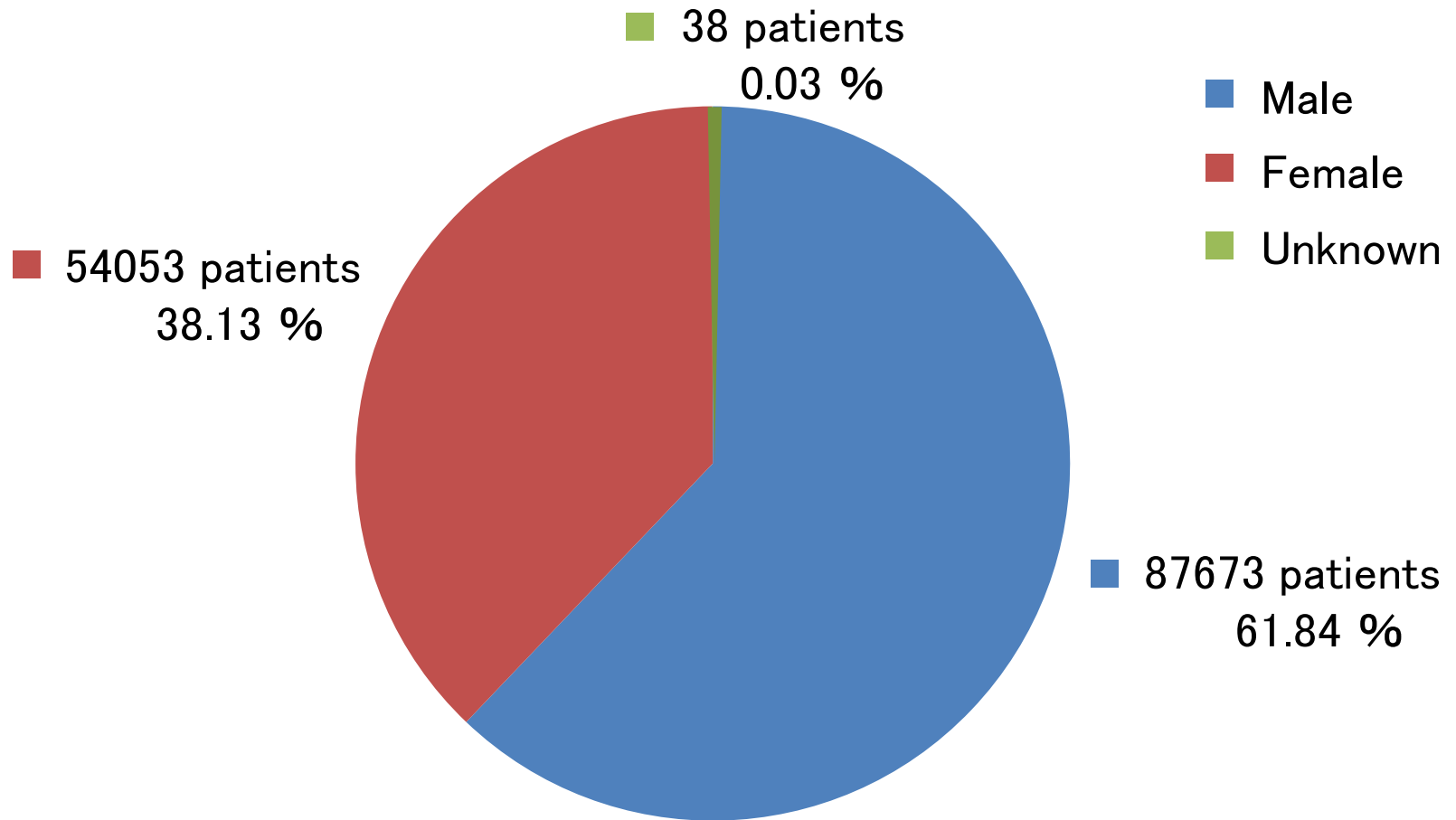
Figure
31**Gender proportion of Unintentional and Occupant**

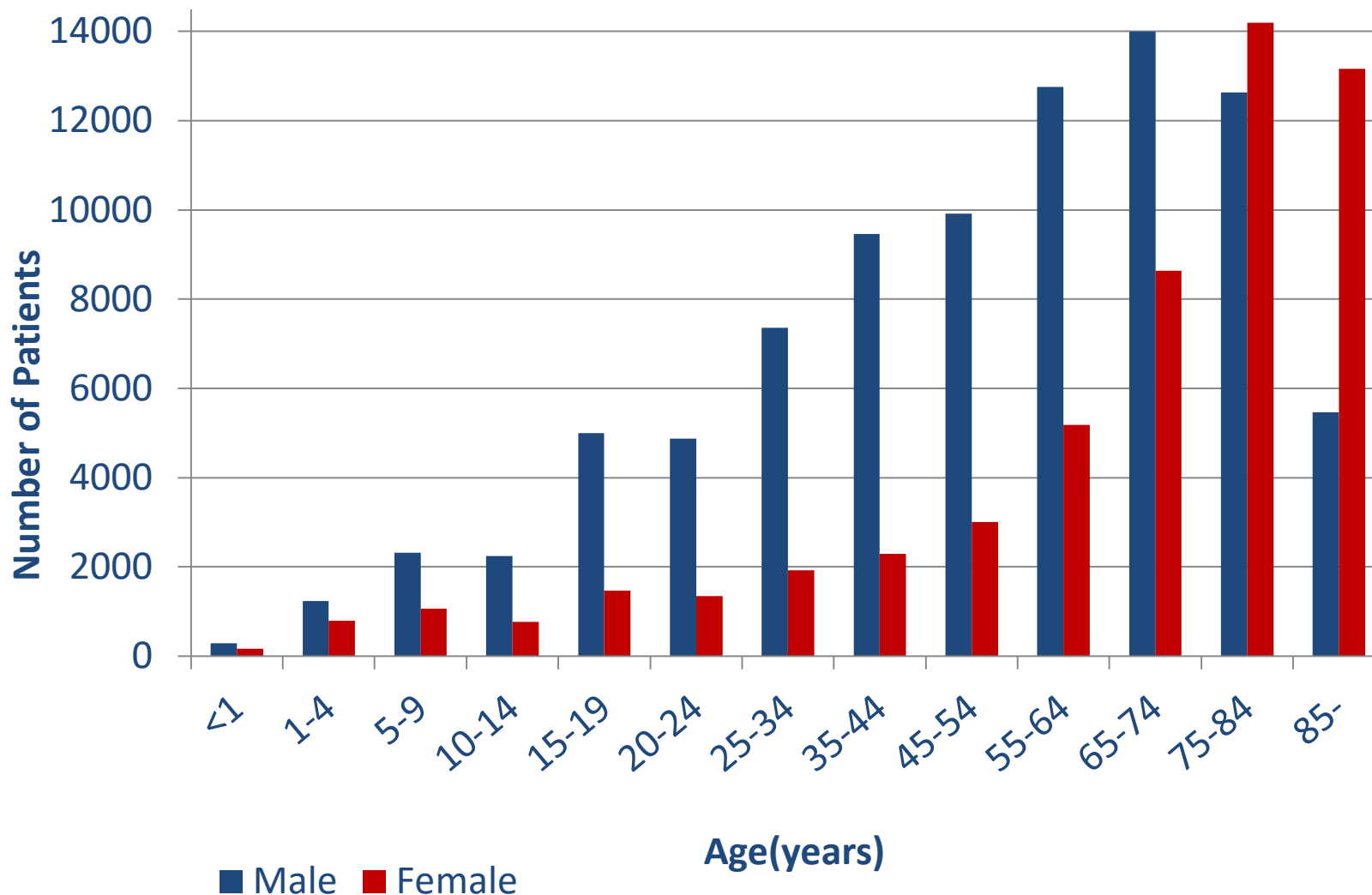
Figure
32**Unintentional and Occupant by Age and Gender**

Table
32**Unintentional and Occupant by Age and Gender**

Age	Male	Female	Total
< 1	286	164	450
1- 4	1237	793	2030
5- 9	2311	1060	3371
10-14	2240	771	3011
15-19	5000	1474	6474
20-24	4868	1350	6218
25-34	7362	1928	9290
35-44	9461	2290	11751
45-54	9913	3000	12913
55-64	12754	5179	17933
65-74	14001	8641	22642
75-84	12633	14189	26822
85-	5462	13163	18625
Unknown	145	51	196
Total	87673	54053	141726

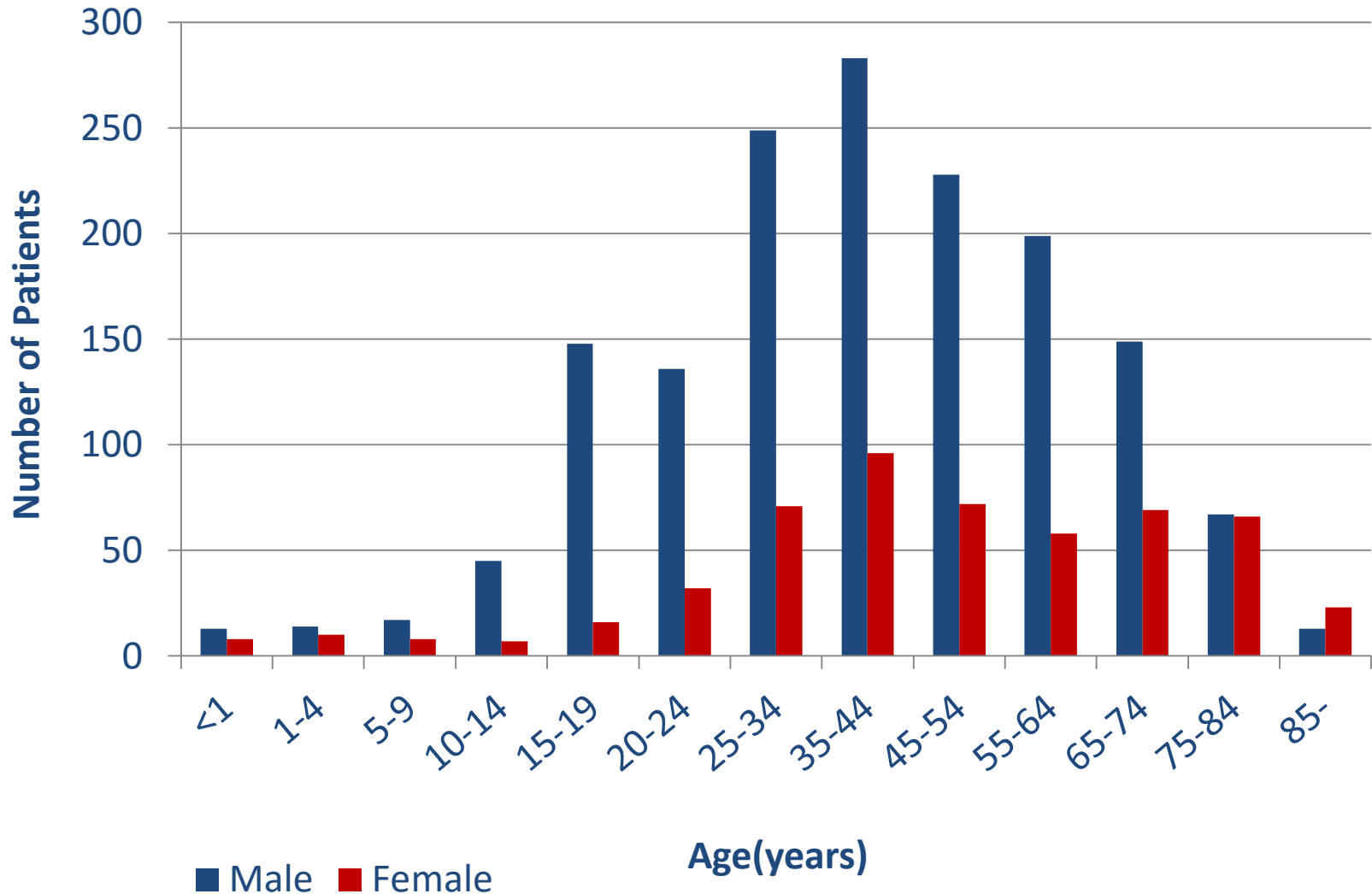
Figure
33**Assault by Age and Gender**

Table
33**Assault by Age and Gender**

Age	Male	Female	Total
< 1	13	8	21
1- 4	14	10	24
5- 9	17	8	25
10-14	45	7	52
15-19	148	16	164
20-24	136	32	168
25-34	249	71	320
35-44	283	96	379
45-54	228	72	300
55-64	199	58	257
65-74	149	69	218
75-84	67	66	133
85-	13	23	36
Unknown	6	0	6
Total	1567	536	2103

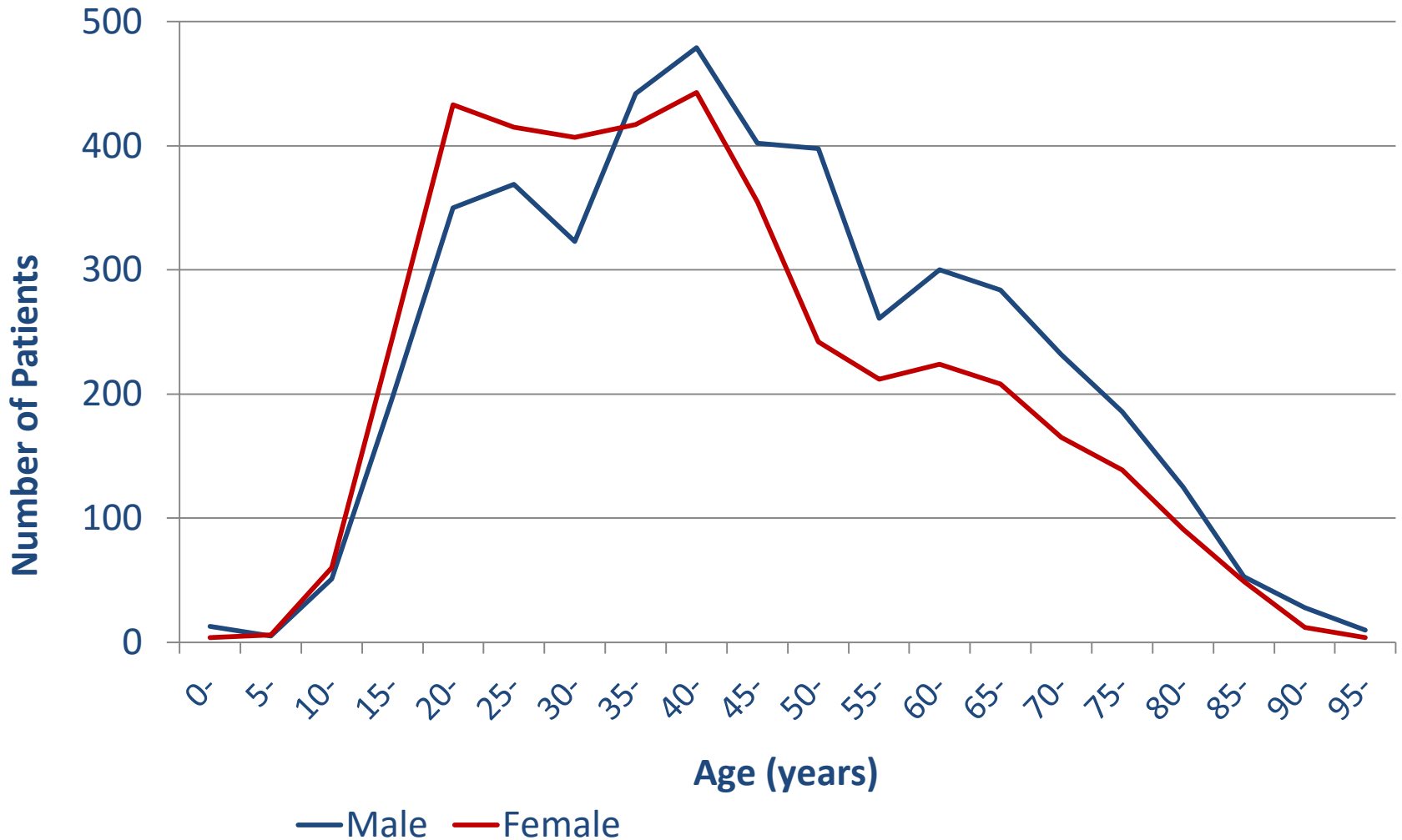
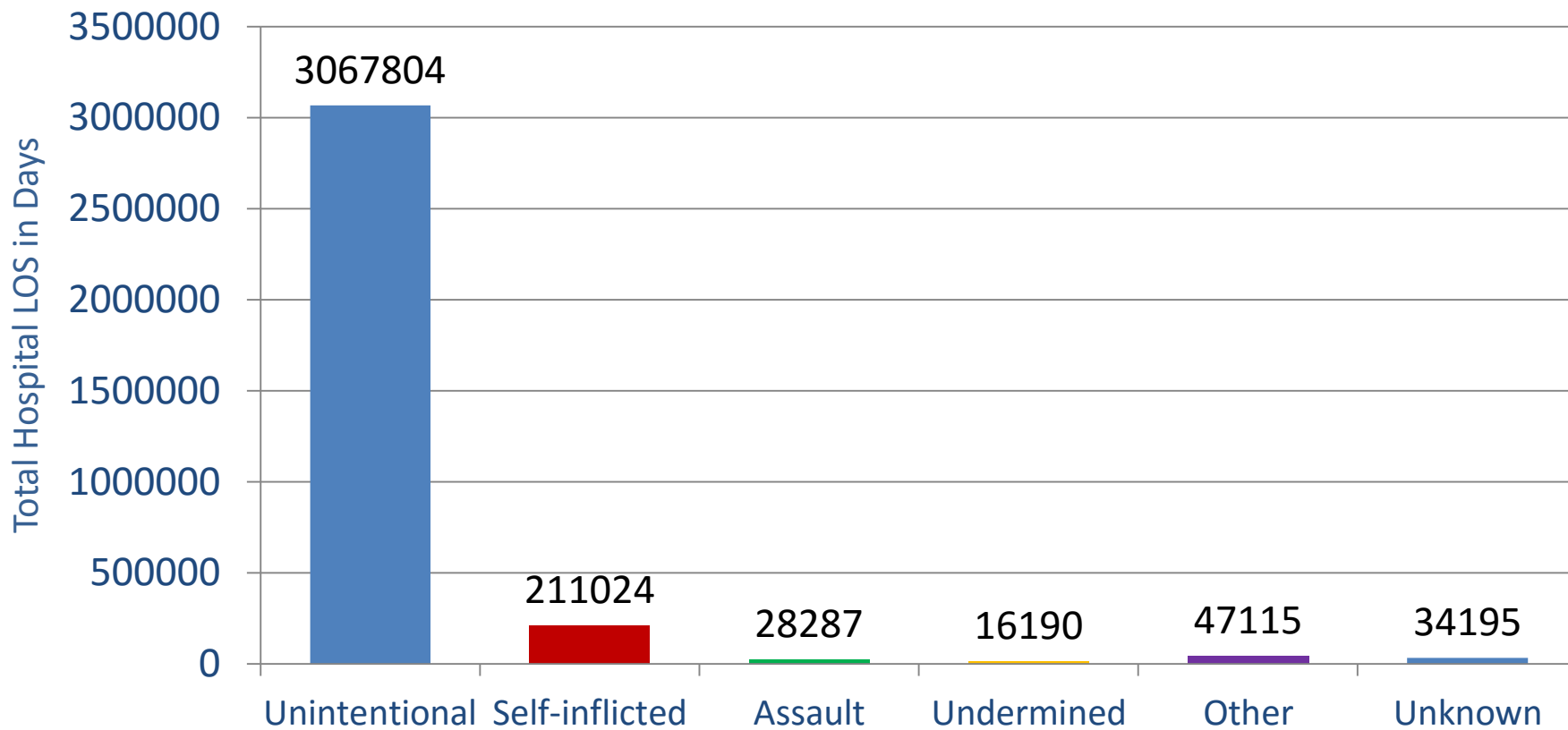
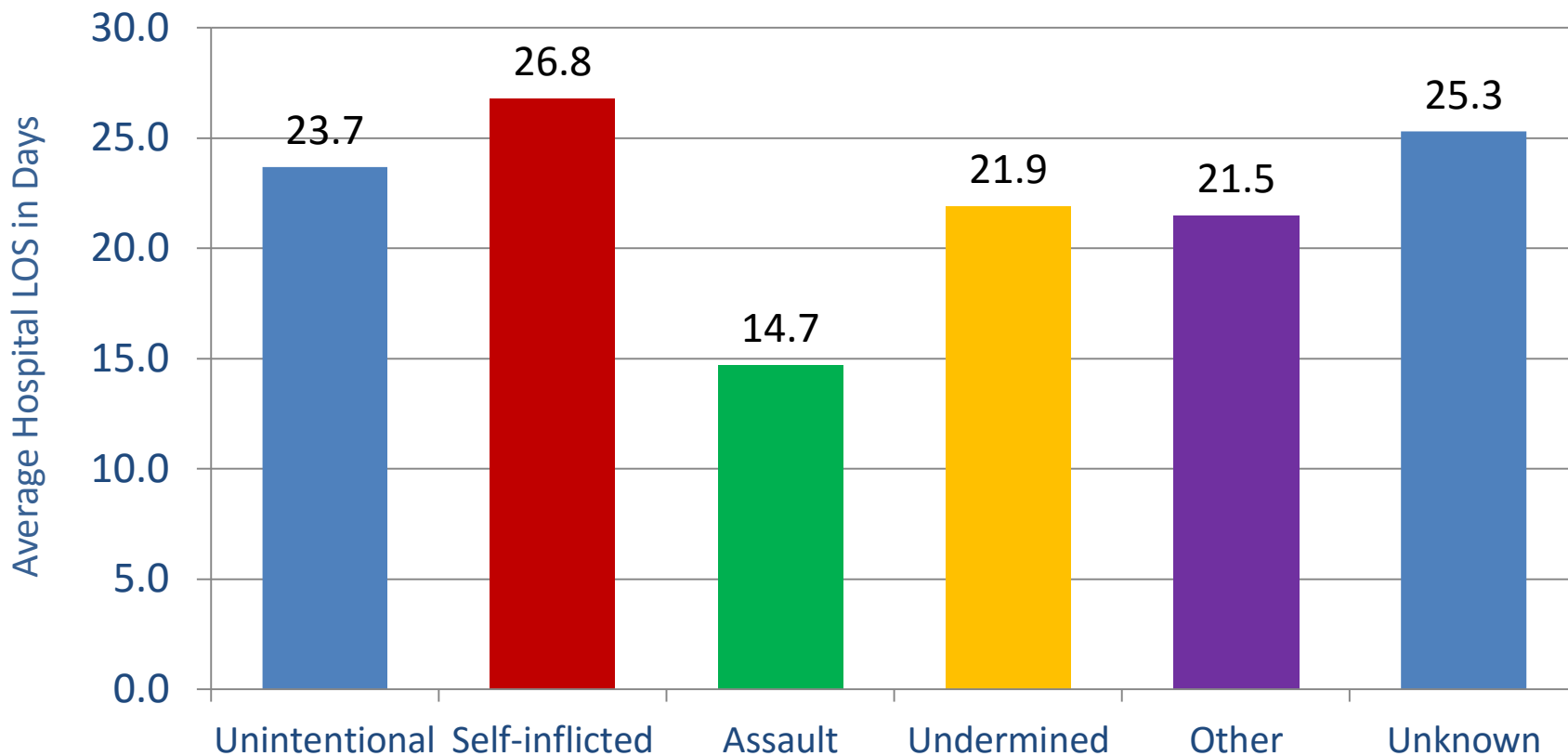
Figure
34**Self-inflicted by Age and Gender**

Table
34**Self-inflicted by Age and Gender**

Age Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-	Unkn wn	Total
Female	4	6	60	246	433	415	407	417	443	355	242	212	224	208	165	139	91	49	12	4	12	4144
Male	13	5	51	198	350	369	323	442	479	402	398	261	300	284	232	186	125	53	28	10	20	4529
Total	17	11	111	444	783	784	730	859	922	757	640	473	524	492	397	325	216	102	40	14	32	8673

Figure
35A**Total Hospital LOS by Intent**

Industrial accident was included in the category of “Unintentional”.

Figure
35B**Average Hospital LOS by Intent**

Average hospital length of stay in days = total hospital length of stay divided by the number of patients by intent.

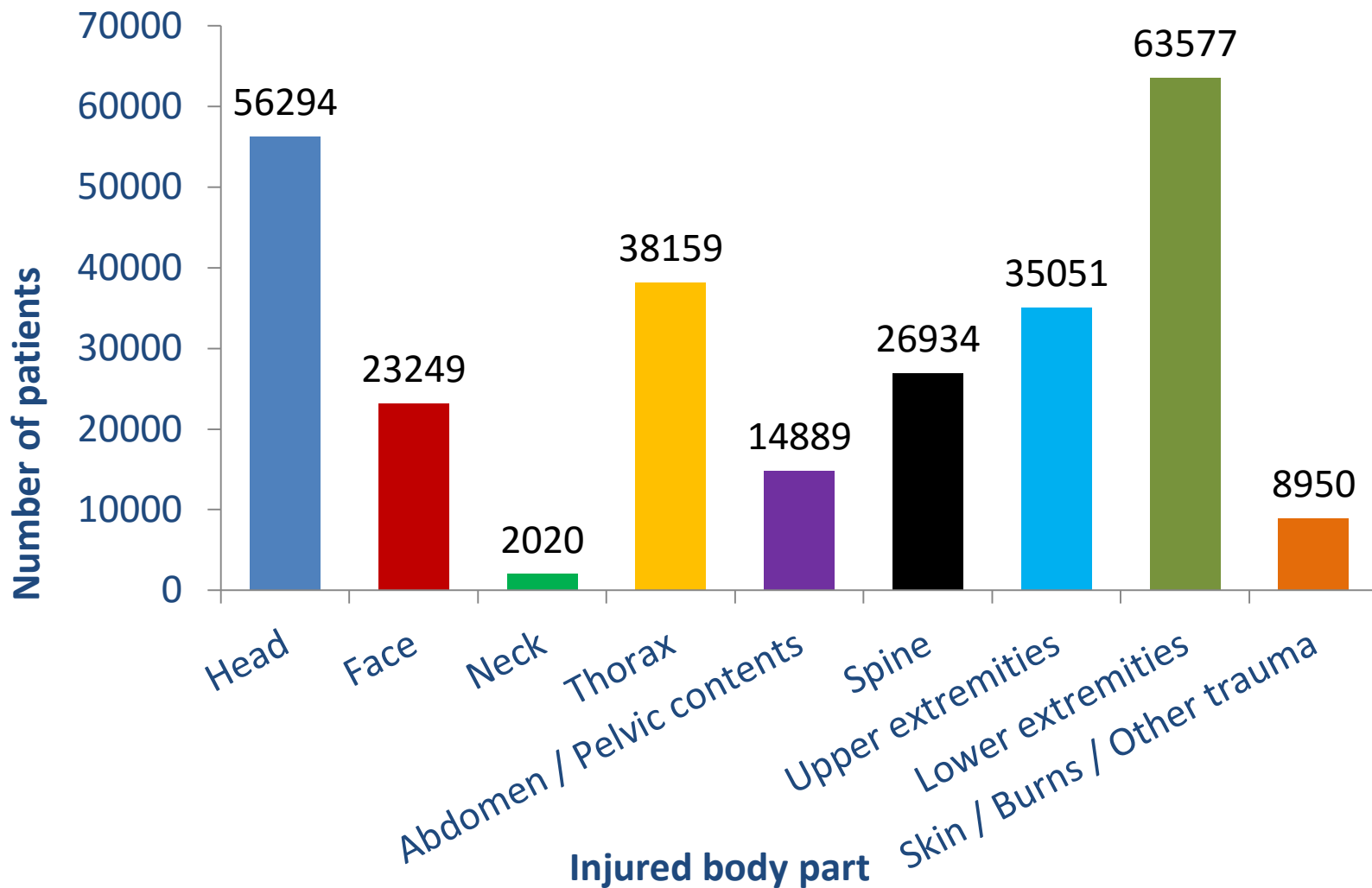
Figure
36**Number of patients with Injured Body Parts based on AIS**

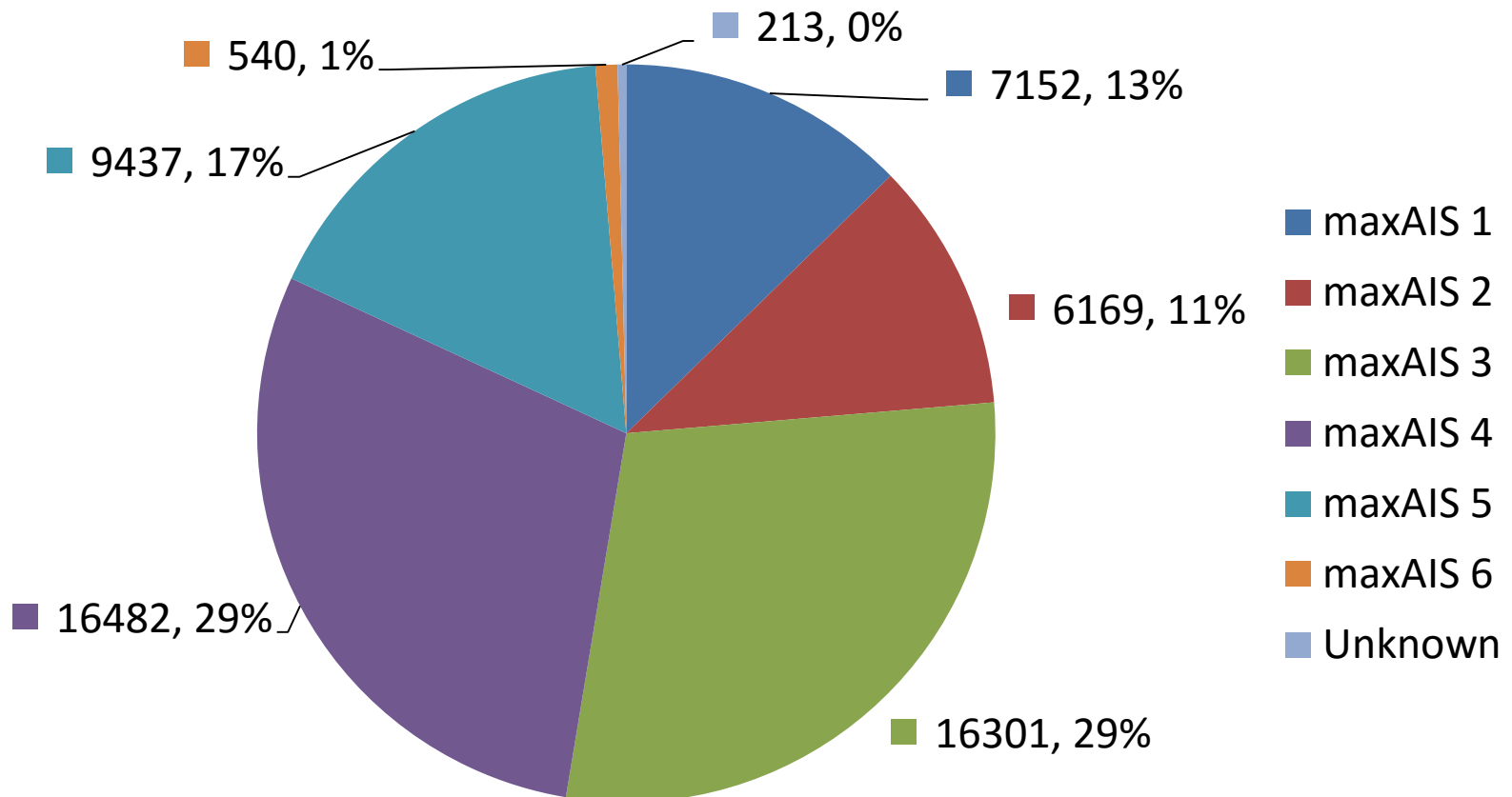
Figure
37A**Head Injury and max AIS Score**

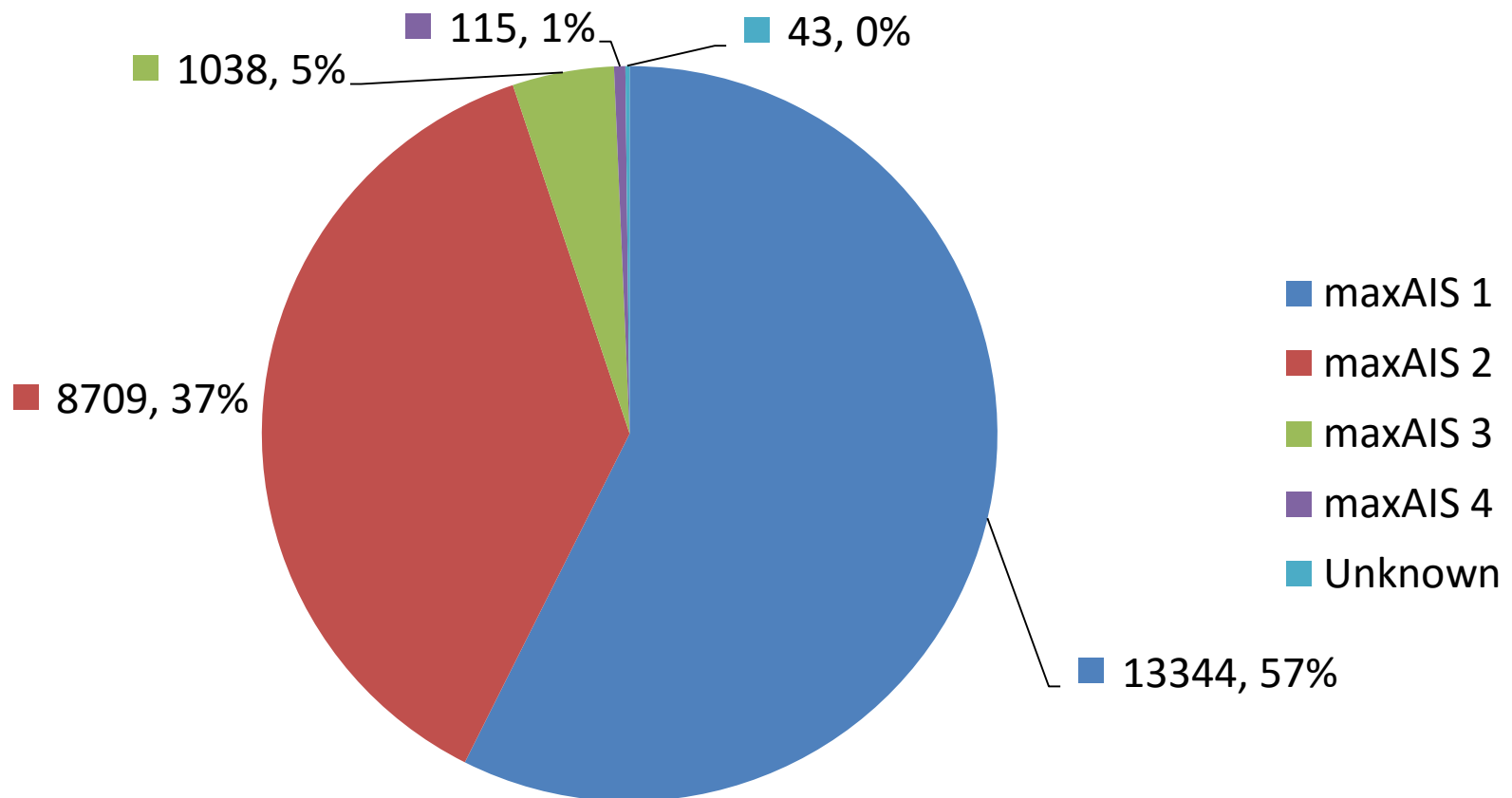
Figure
37B**Facial Injury and max AIS Score**

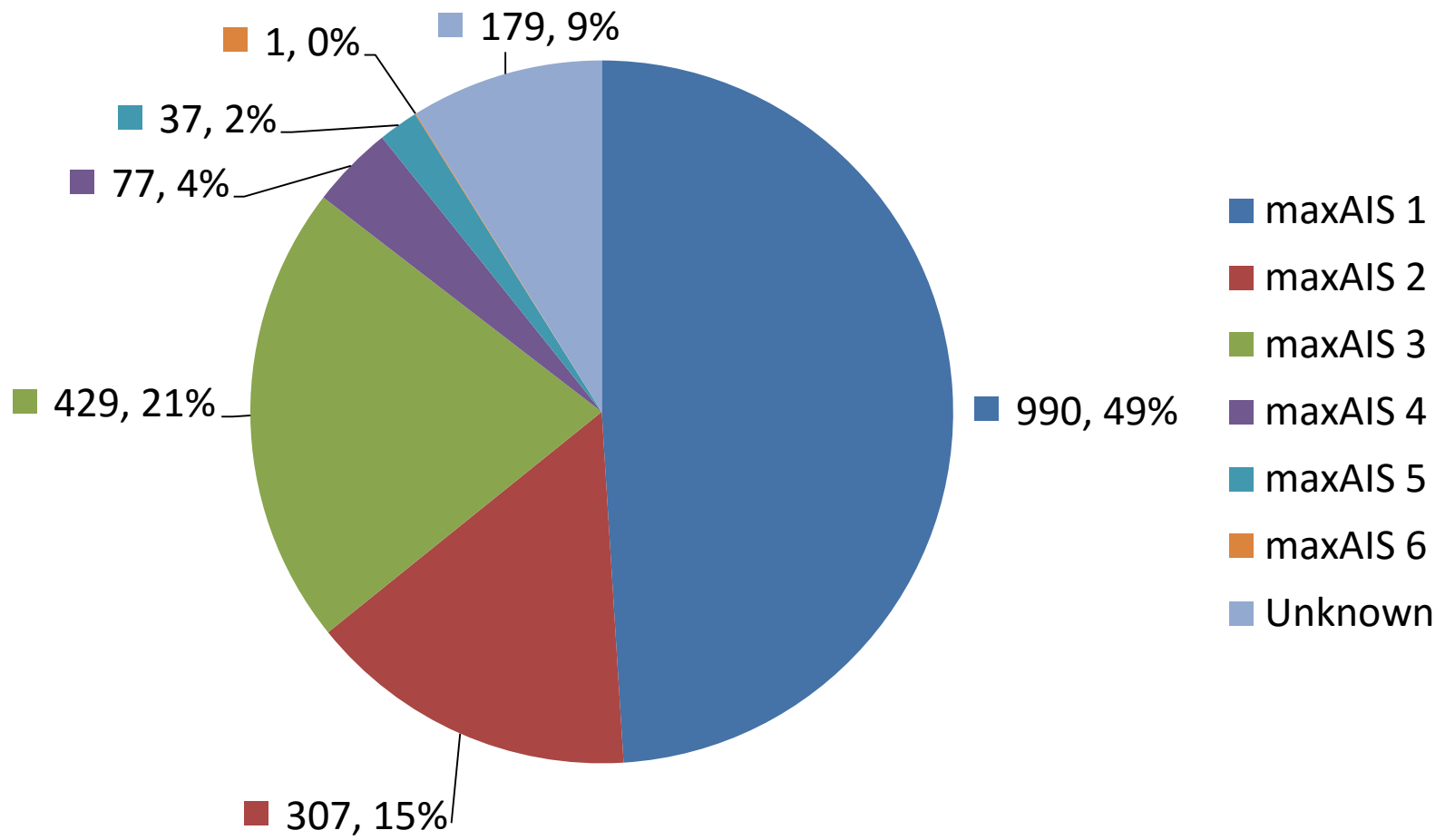
Figure
37C**Neck Injury and max AIS Score**

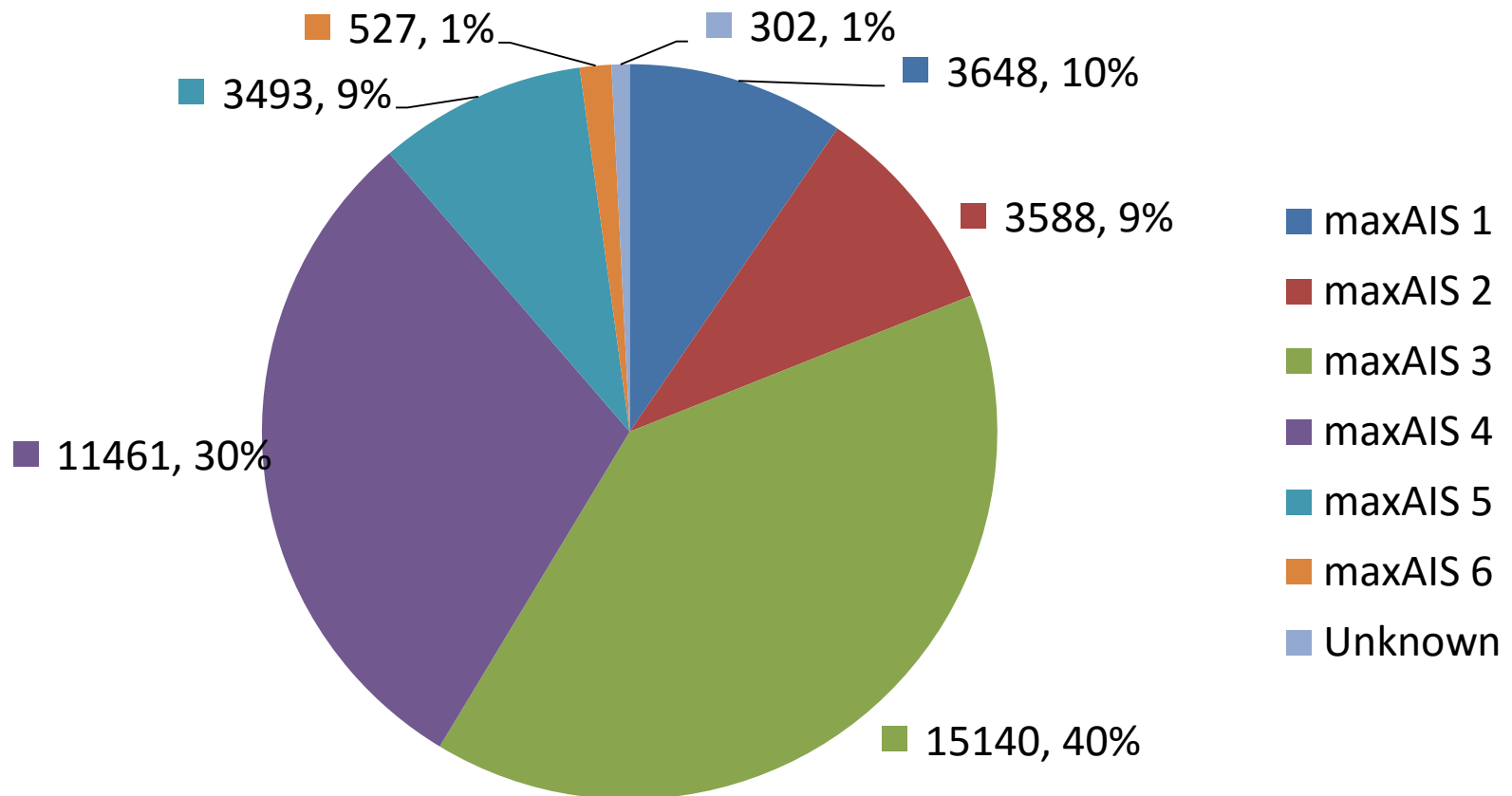
Figure
37D**Thoracic Injury and max AIS Score**

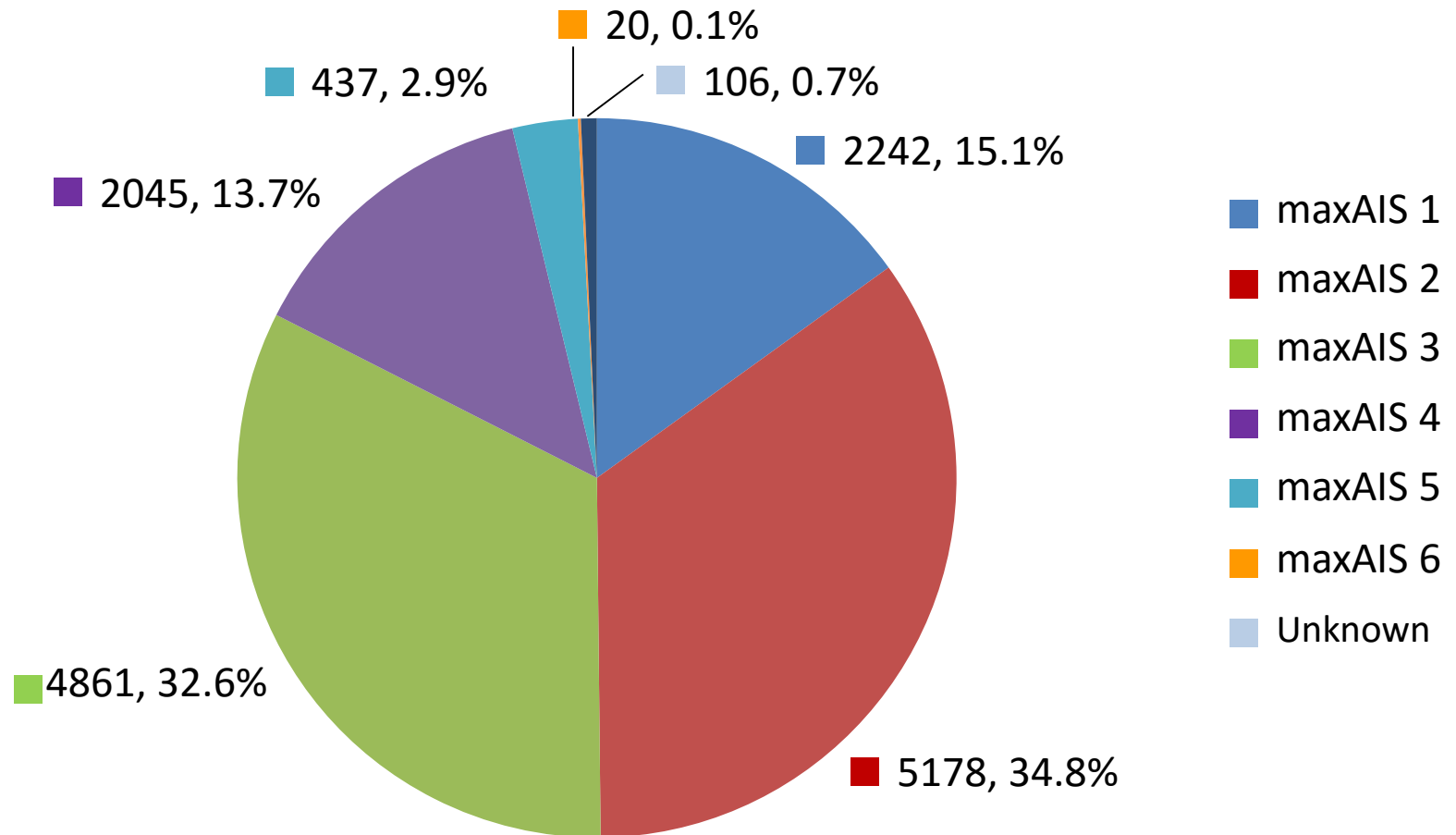
Figure
37E**Injury of Abdomen/Pelvic Contents and max AIS Score**

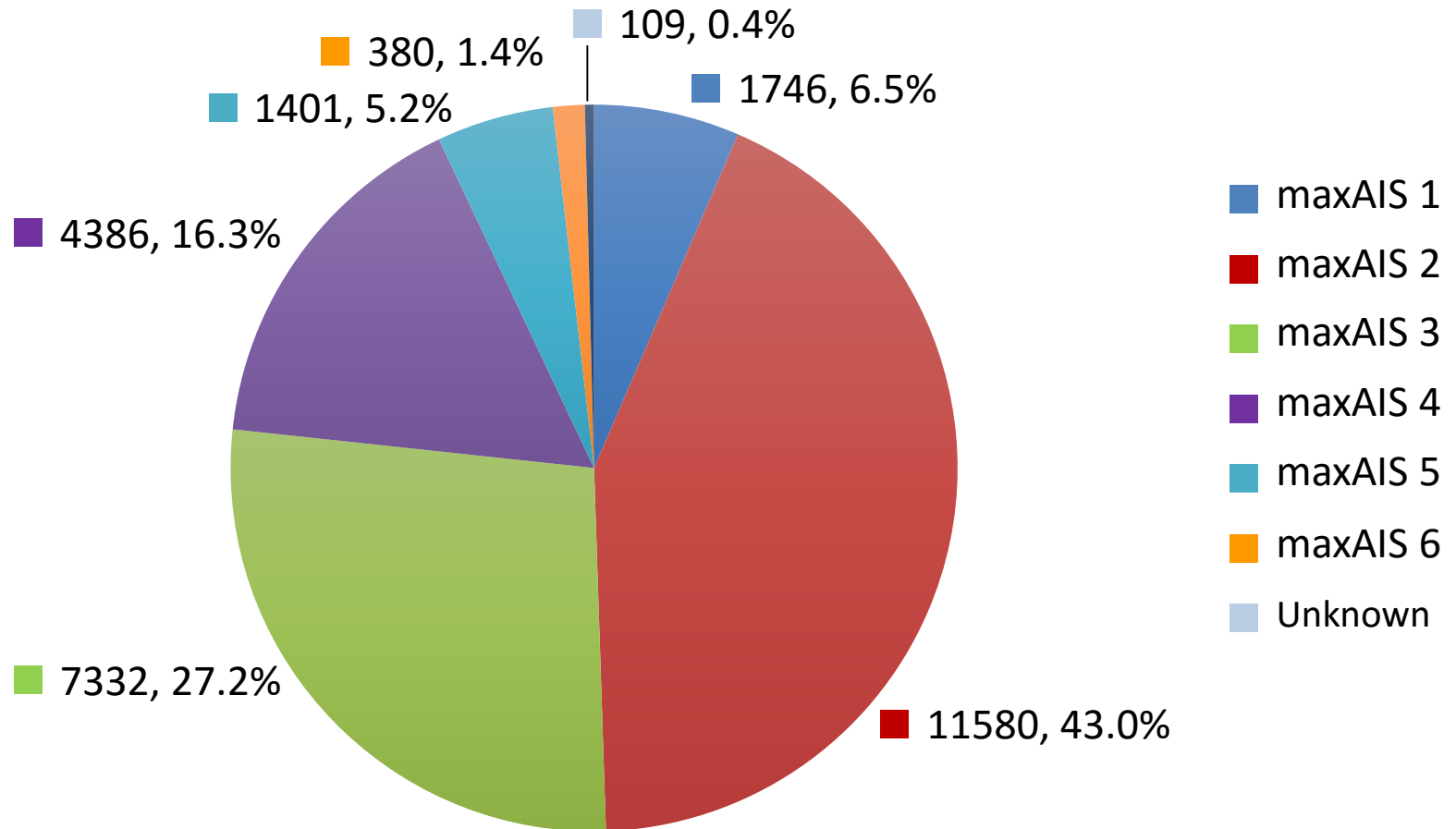
Figure
37F**Spinal Injury and max AIS Score**

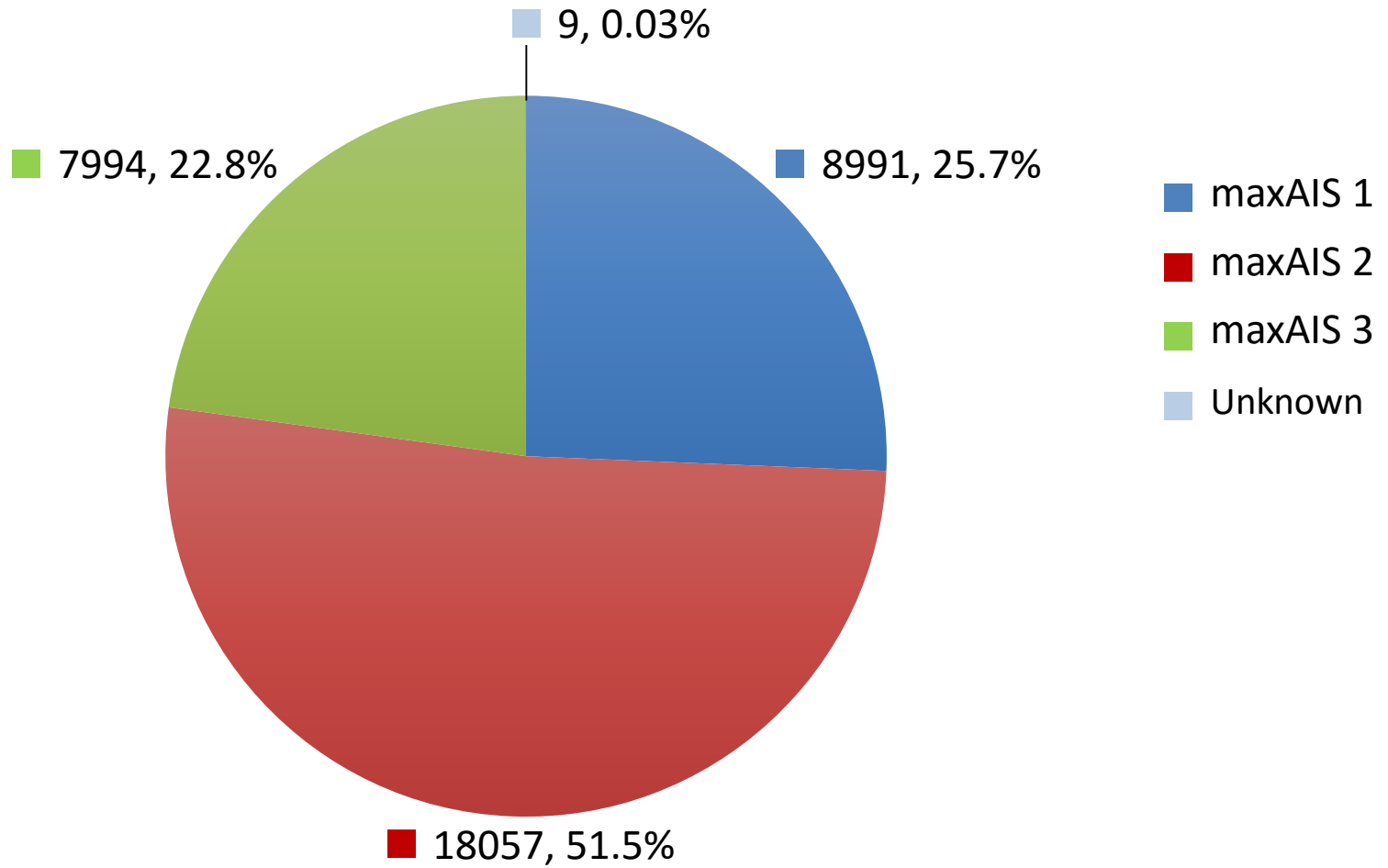
Figure
37G**Injury of Upper Extremities and max AIS Score**

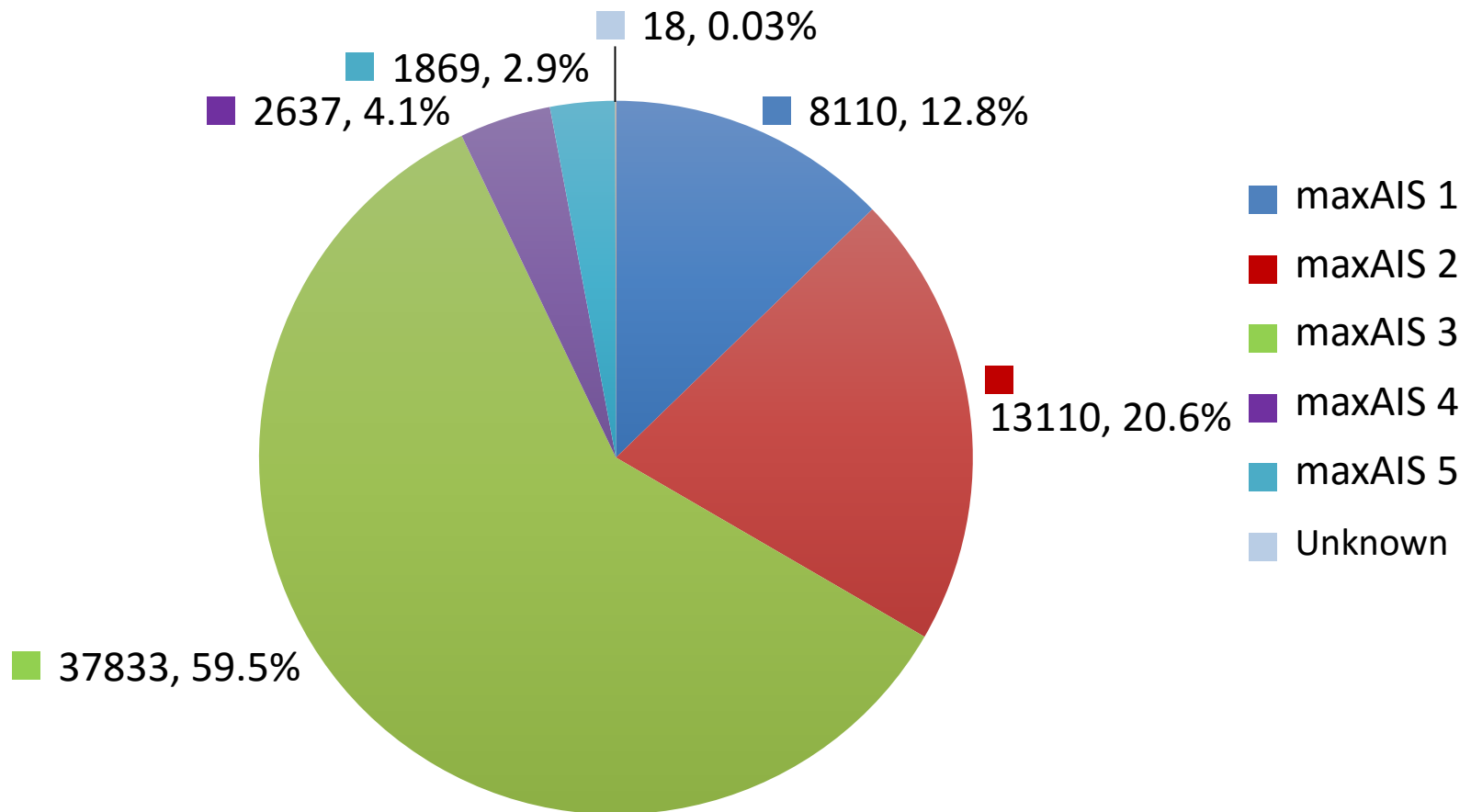
Figure
37H**Injury of Lower Extremities and max AIS Score**

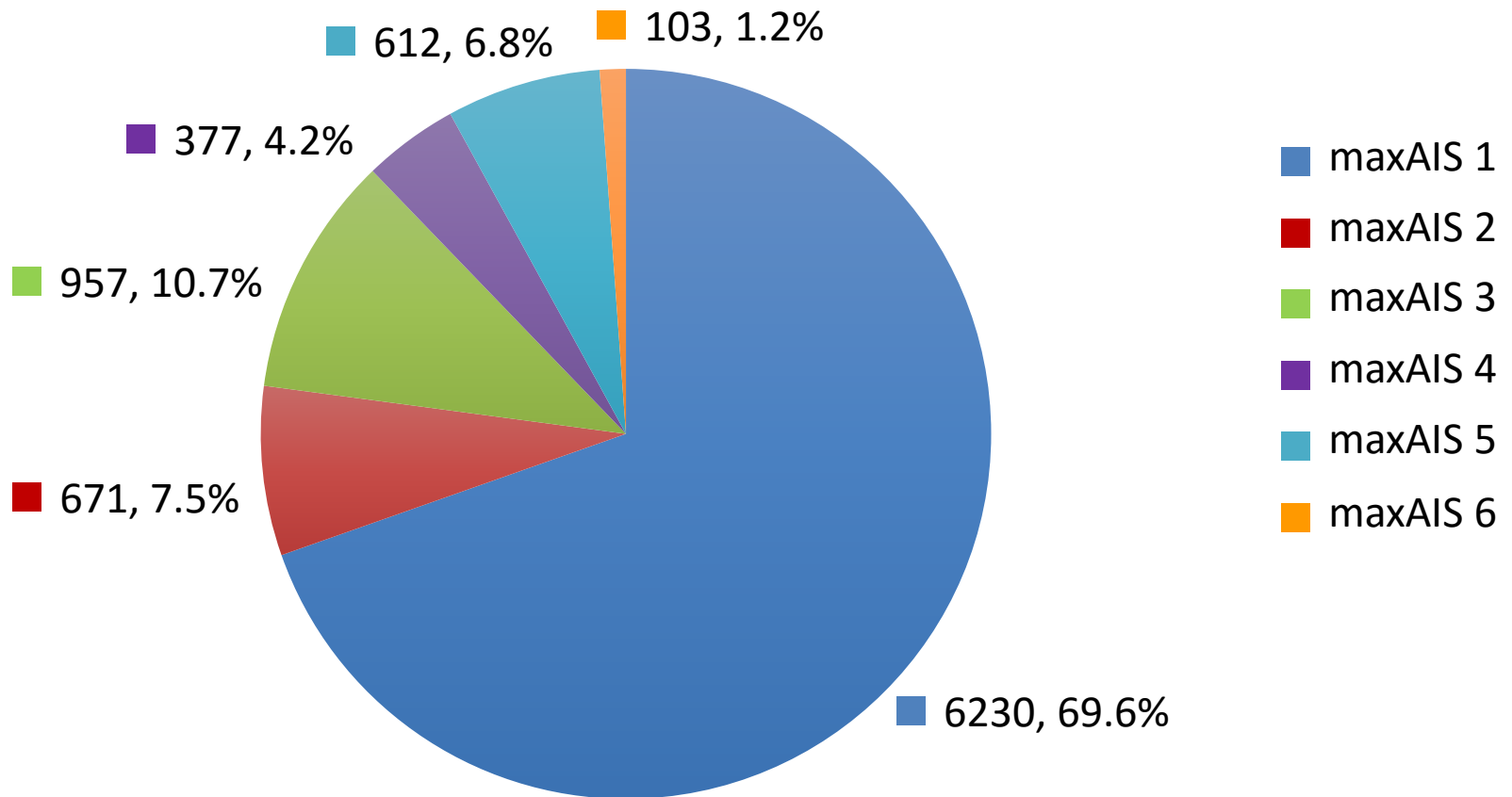
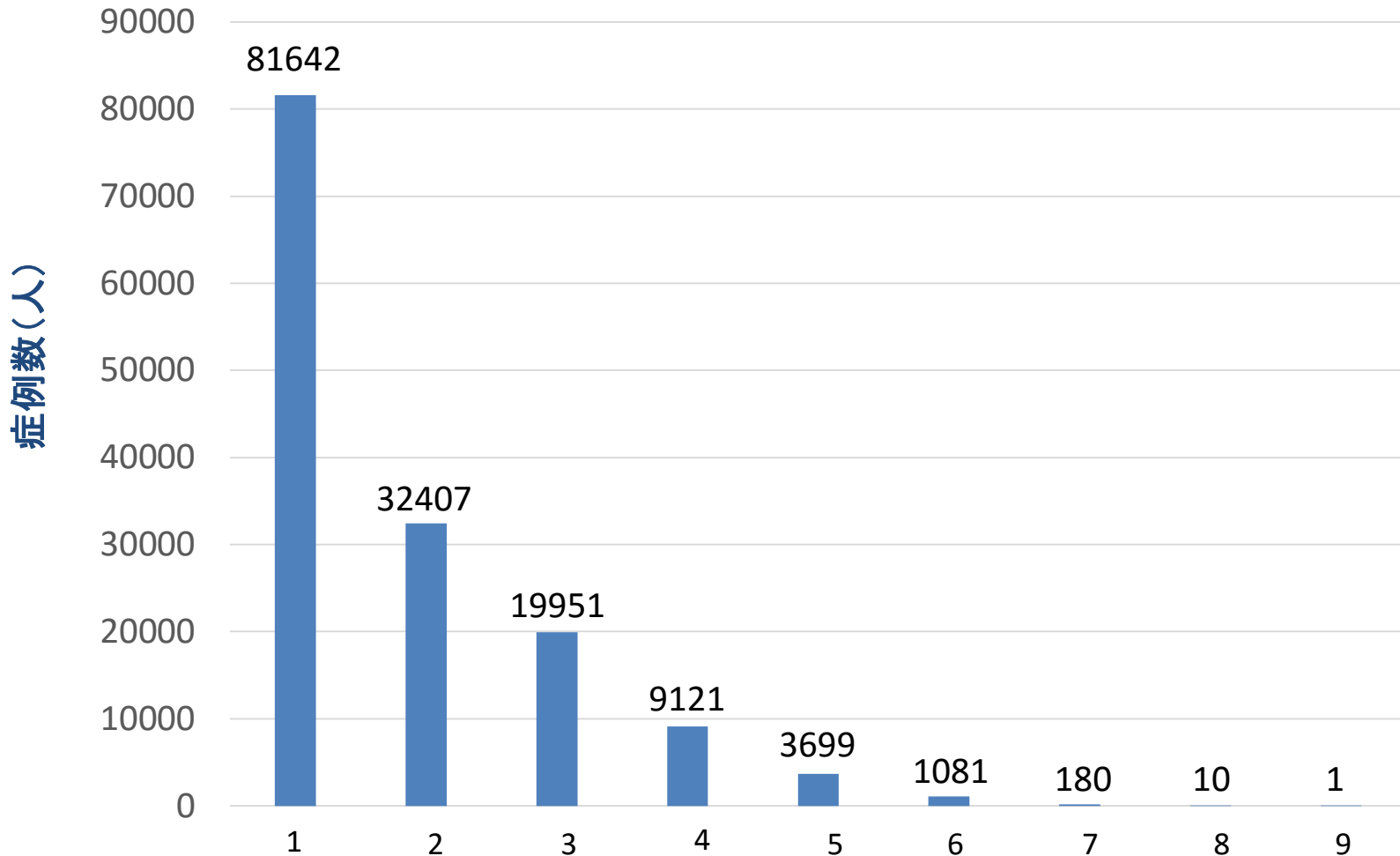
Figure
37I**Skin/Burns/Other Trauma and max AIS Score**

Figure
38**Number of Patients and Injured Body Parts based on AIS**

**JAPAN TRAUMA DATA BANK
REPORT 2016 (2011-2015)**

December 30, 2016



The Japanese Association for Acute Medicine

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Chairman: Yasushi Asari, MD

The Japanese Association for the Surgery of Trauma

Trustee: Tetsuya Sakamoto, MD

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