

**2011 Report**

# **Injuries in the European Union, Cyprus Figures**

**Statistics Summary 2006-2010**

## **ABOUT THIS REPORT**

This second edition of “Injuries in Cyprus”, is based on data from 2006-2010. It is an up-to-date summary of the main results of current injury statistics in Cyprus. Data for injuries are based on the injuries recorded at the Accidents and Emergency Departments (of Nicosia General Hospital and Ammochostos General Hospital). Data for fatal injuries (2004-2009) are based on death certificates, collected and coded by the Health Monitoring Unit.

The report focuses on the following injury hotspots: children, adolescents, older people, vulnerable road users, sports injuries, product and services related accidents, interpersonal violence and suicide and self-harm.

Data for the above injury hotspots are based on The Cyprus Injury Database and on the Death Register of the Health Monitoring Unit of the Ministry of Health.

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## Hotspot Children

### Leading causes of death of fatal injuries in children up to 14 years, Cyprus (2004-2009)

Rank order	Cause of death in children 1-14 years	Deaths	% of all causes of death
1	External causes of morbidity and mortality (V01-Y89)	49	35%
2	Malignant neoplasms (C00-C97)	25	18%
3	Diseases of the nervous system and the sense organs (G00-H95)	9	6%
4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	7%
5	Diseases of the respiratory system (J00-J99)	1	1%
<b>All causes of death 1-14 years</b>		<b>140</b>	<b>100%</b>

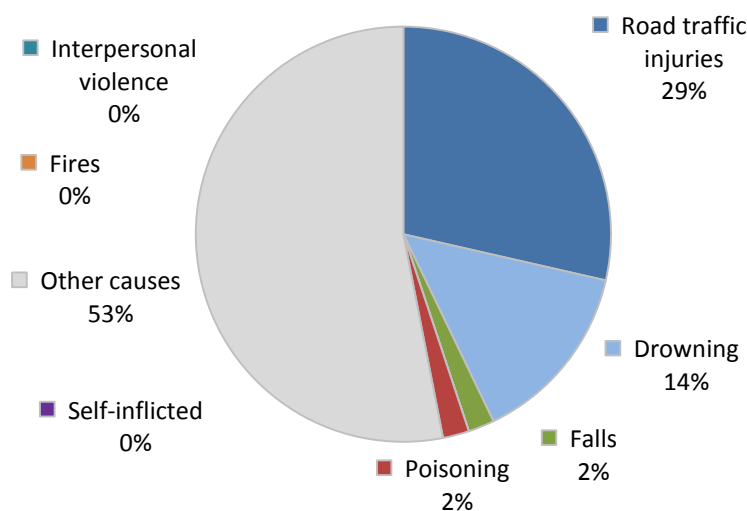
Source: Causes of Death register, Health Monitoring Unit, 2004-2009

### Causes of fatal injuries in children up to 14 years, Cyprus (2004-2009)

Fatal injuries	ICD-10	Number	%
Road traffic injuries	(V01-V89, V99, Y850)	14	29%
Drowning	(W65-W74)	7	14%
Interpersonal violence	(X85-Y09,X871)	0	0%
Falls	(W00-W19)	1	2%
Self-inflicted	(X60-X84,Y870)	0	0%
Fires	(X00-X09)	0	0%
Poisoning	(X40-X49)	1	2%
Other causes	(V90-V98, W20-W64, W75-W99, X10-X39, X50-X59, Y40-Y86, Y88, Y89, Y36, Y35)	26	53%
<b>All injuries</b>	<b>V01-Y89</b>	<b>49</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 2: Causes of fatal injuries up to 14 years, Cyprus (2004-2009)

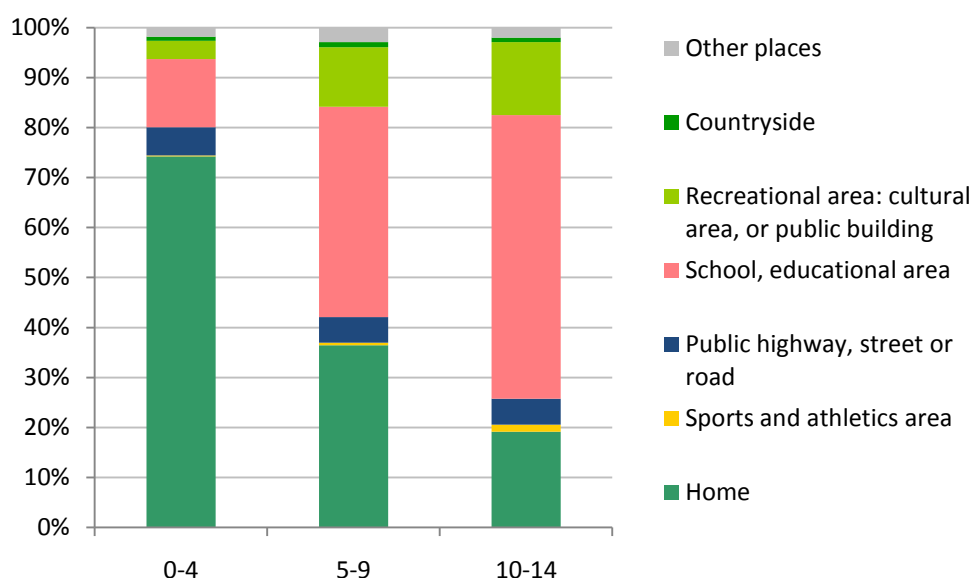


## Places of occurrence of non-fatal child injuries, Cyprus (2006-2010)

Child Injuries	0-4	5-9	10-14	Total number (all ages)	%
Home	17%	11%	9%	983	37%
Sports and athletics area	0%	0%	1%	23	1%
Public highway, street or road	1%	1%	3%	142	5%
School, educational area	3%	12%	28%	1154	43%
Recreational area: cultural area, or public building	1%	3%	7%	306	11%
Countryside	0%	0%	0%	25	1%
Other places	0%	1%	1%	60	2%
<b>Total</b>	<b>22%</b>	<b>29%</b>	<b>49%</b>	<b>2693</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 3: Places of occurrence of non-fatal child injuries, Cyprus (2006-2010)



## Main mechanisms of home injuries in children under 5 years, Cyprus (2006-2010)

Mechanism	%
Falling, stumbling, jumping, pushed	66%
Crushing	10%
Contact with foreign body	8%
Contact with object or animal	5%
Heating	4%
Scratching, cutting, tearing, severing	3%
Biting, stinging, in venomating	2%

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

## Hotspot Adolescents

### Leading causes of death in adolescents between 15-24 years, Cyprus (2004-2009)

Rank order	Causes of death	ICD-10	Number of deaths	% of all causes of death
1	External causes of morbidity and mortality	V01-Y89	269	70%
2	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	36	9%
3	Malignant neoplasms	C00-C97	25	7%
4	Diseases of the circulatory system	I00-I99	19	5%
5	Diseases of the nervous system and the sense organs	G00-H95	15	4%
<b>All causes of death 15-24 years</b>			<b>384</b>	<b>100%</b>

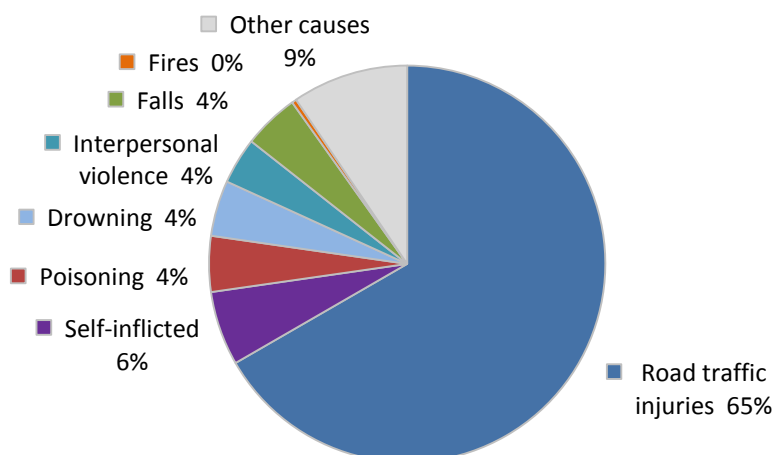
Source: Causes of Death register, Health Monitoring Unit, 2004-2009

### Fatal injuries in adolescents between 15-24 years, Cyprus (2004-2009)

Fatal injuries	ICD-10	Number of deaths	%
Road traffic injuries	(V01-V89, V99, Y850)	176	65%
Self-inflicted	(X60-X84, Y870)	16	6%
Poisoning	(X40-X49)	12	4%
Drowning	(W65-W74)	12	4%
Interpersonal violence	(X85-Y09, X871)	10	4%
Falls	(W00-W19)	12	4%
Fires	(X00-X09)	1	0%
Other causes	(V90-V98, W20-W64, W75-W99, X10-X39, X50-X59, Y40-Y86, Y88, Y89, Y36, Y35)	25	9%
<b>All injuries 15-24 years (external causes of morbidity and mortality)</b>	<b>V01-Y98</b>	<b>269</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 4: Leading causes of death and causes of fatal injuries in adolescents between 15-24 years, Cyprus (2004-2009)



## Hotspot Older People

### Fatal injuries amongst older people (60+) by causes of death and sex, Cyprus (2004-2009)

Fatal injuries	ICD-10	Per 1000 inhabitants		Total
		Male	Female	%
Road traffic injuries	(V01-V89, V99, Y850)	1,993	0,550	19%
Falls	(W00-W19)	0,723	0,357	8%
Drowning	(W65-W74)	0,739	0,357	8%
Self-inflicted	(X60-X84, Y870)	0,241	0,082	2%
Fires	(X00-X09)	0,096	0,082	1%
Poisoning	(X40-X49)	0,048	0,027	1%
Interpersonal violence	(X05-Y09, X871)	0,129	0,041	1%
Other causes	(V90-V98, W20-W64, W75-W99, X10-X39, X50-X59, Y40-Y86, Y88, Y89, Y36, Y35)	3,392	3,972	58%
<b>All injuries</b>	<b>V01-Y98</b>	<b>7,443</b>	<b>5,525</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 6: Fatal injuries amongst older people (60+) by causes of death, Cyprus (2004-2009)

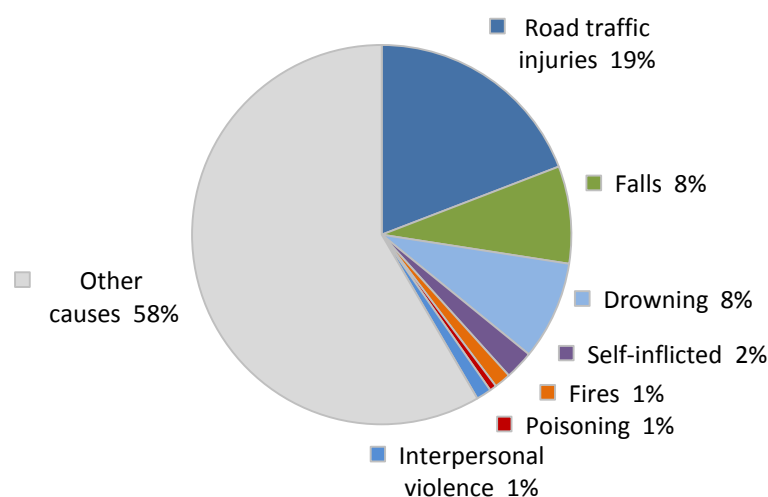
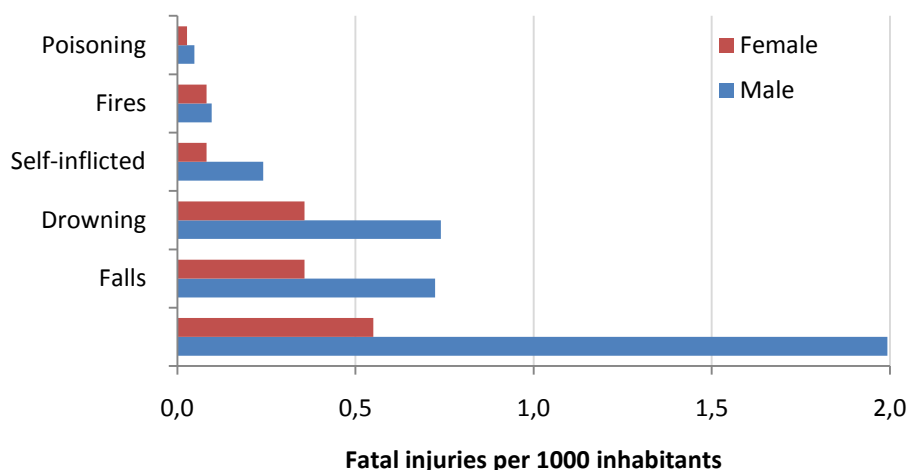


Figure 6: Fatal injuries amongst older people (60+) by causes of death and sex, Cyprus (2004-2009)

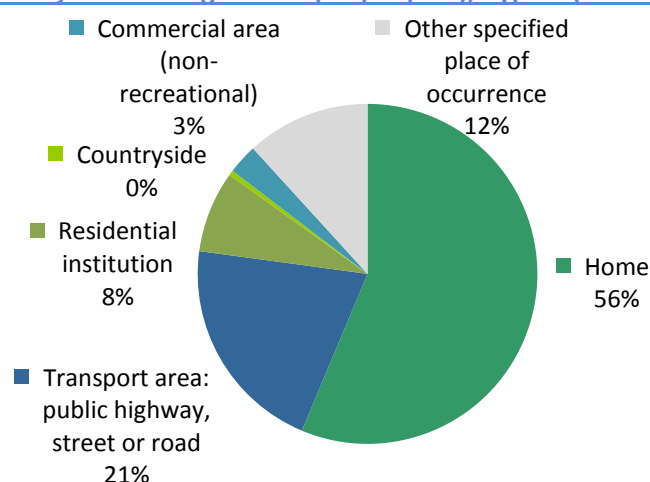


## Places of occurrence of injuries amongst older people (60+), Cyprus (2006-2010)

Places	Number of injuries	%
Home	1387	56%
Transport area: public highway, street or road	513	21%
Residential institution	191	8%
Countryside	12	0%
Commercial area (non-recreational)	70	3%
Other specified place of occurrence	290	12%
<b>Total</b>	<b>2463</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 7: Places of occurrence of injuries amongst older people (60+), Cyprus (2006-2010)



## The share of women (60+) in injuries by typical activities leading to home injuries, Cyprus (2006-2010)

Typical activities	%
Maintenance of own home or garden	57%
General walking around	52%
Personal hygiene	46%
Sleeping, resting	43%
Other specified unpaid work	38%
Other specified vital activity	34%
Being taken care of by a person, not specified as a health care professional or non health care person	33%
Travelling not elsewhere classified	27%
Unspecified activity	26%
Other specified activity	26%
Cooking, cleaning	22%
Taking meals (eating/drinking)	11%
Leisure	8%
Other specified paid work	8%

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

**32%**  
 Percentage of all injury related hospital days "consumed" by older people (from 60 years onwards); for women this share is even 52%.



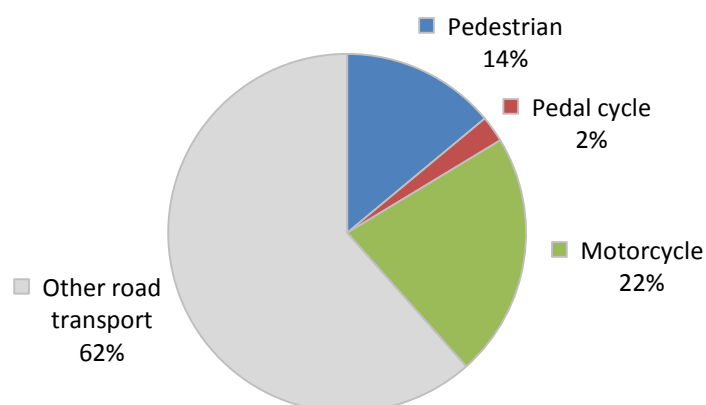
## Hotspot Vulnerable Road Users

### Road fatalities by type of road user, Cyprus (2004-2009)

Type of road user	Number of deaths	%
Pedestrian	88	14%
Pedal cycle	15	2%
Motorcycle	139	22%
Other road transport	388	62%
<b>Total number of road fatalities</b>	<b>630</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 8: Road fatalities by type of road user, Cyprus (2004-2009)

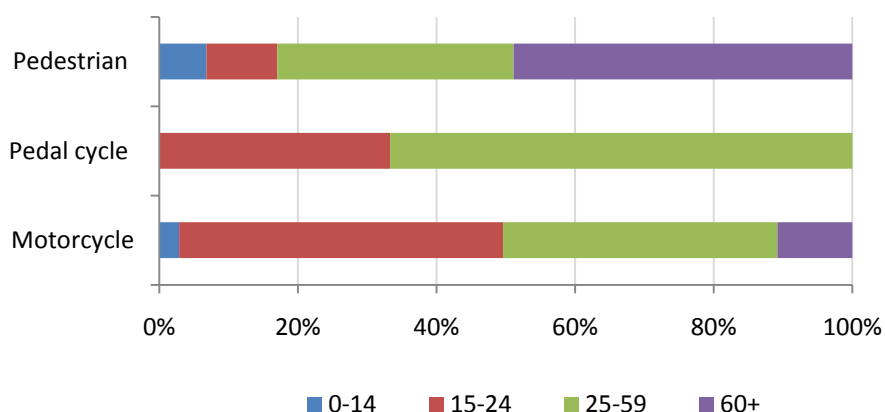


### Road fatalities by type of road user by age group, Cyprus (2004-2009)

Type of road user	ICD-10	Age groups				All ages
		0-14	15-24	25-59	60+	
Motorcycle	V20-V29	3%	47%	40%	11%	139
Pedal cycle	V10-V19	0%	33%	67%	0%	15
Pedestrian	V01-V09	7%	10%	34%	49%	88
Other road transport	V30-V89, Y85	2%	25%	46%	27%	388
<b>Total number of deaths in each age group</b>		<b>16</b>	<b>176</b>	<b>274</b>	<b>164</b>	<b>630</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 8: Road fatalities by type of road user by age group, Cyprus (2004-2009)

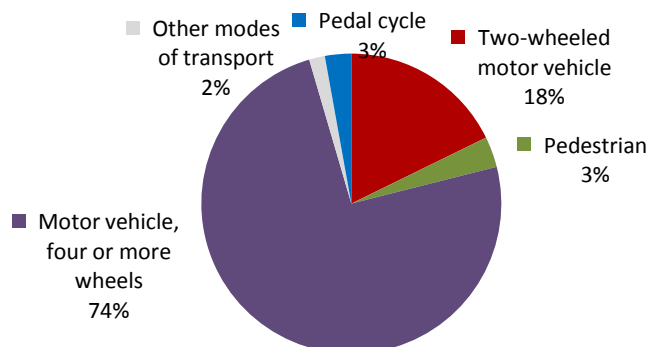


## Road injuries by type of road user, Cyprus (2006-2010)

Type of road user	Number of injuries	%
Two-wheeled motor vehicle	376	18%
Pedestrian	70	3%
Motor vehicle, four or more wheels	1576	74%
Other modes of transport	36	2%
Pedal cycle	60	3%
<b>Total</b>	<b>2118</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

## Figure 9: Non-fatal road injuries by type of road user, Cyprus (2006-2010)

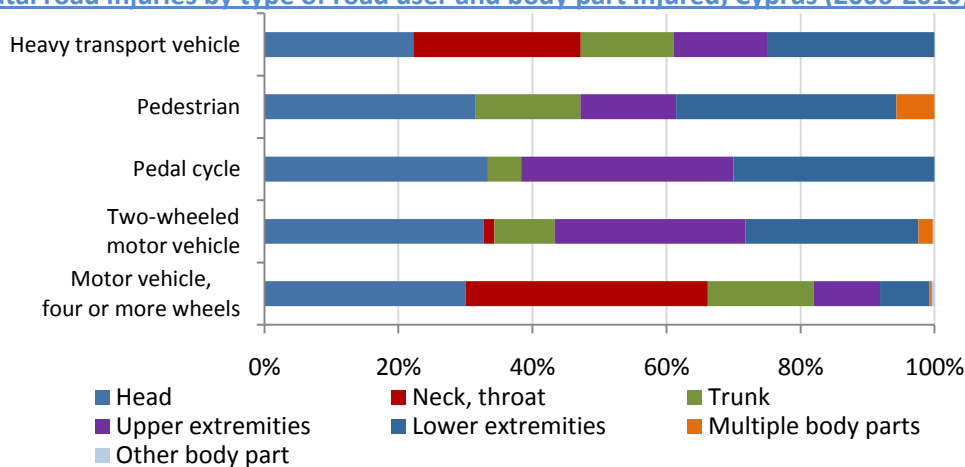


## Non-fatal road injuries by type of road user and body part injured, Cyprus (2006-2010)

Body Part Injured	Motor vehicle, four or more wheels	Two-wheeled motor vehicle	Pedal cycle	Pedestrian	Heavy transport vehicle	Number of injuries	%
Head	22%	6%	1%	1%	0%	647	31%
Neck, throat	27%	0%	0%	0%	0%	584	28%
Trunk	12%	2%	0%	1%	0%	302	14%
Upper extremities	7%	5%	1%	0%	0%	297	14%
Lower extremities	5%	5%	1%	1%	0%	263	12%
Multiple body parts	0%	0%	0%	0%	0%	18	1%
Other body part	0%	0%	0%	0%	0%	7	0%
<b>Total</b>	<b>74%</b>	<b>18%</b>	<b>3%</b>	<b>3%</b>	<b>2%</b>	<b>2118</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

## Figure 9: Non-fatal road injuries by type of road user and body part injured, Cyprus (2006-2010)



**10%**  
Percentage of head injuries among pedal cyclists admitted to hospital after a traffic accident

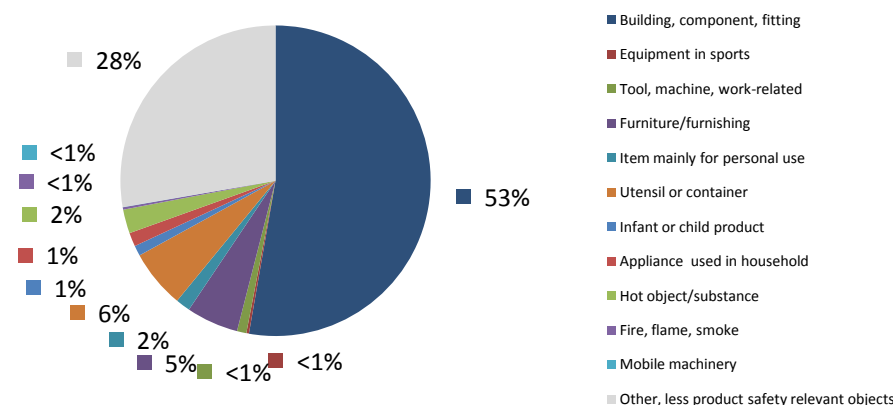
## Hotspot Product and Services Related Accidents

### Product related home and leisure injuries, Cyprus (2006-2010)

Product	Number of injuries	%
Building, component, fitting	4424	53%
Equipment in sports	23	0%
Tool, machine, work-related	82	1%
Furniture/furnishing	455	5%
Item mainly for personal use	127	2%
Utensil or container	510	6%
Infant or child product	90	1%
Appliance used in household	120	1%
Hot object/substance	209	2%
Fire, flame, smoke	21	0%
Mobile machinery	2	0%
Other, less product safety relevant objects	2325	28%
<b>Total</b>	<b>8388</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 11: Product related home and leisure injuries, Cyprus (2006-2010)

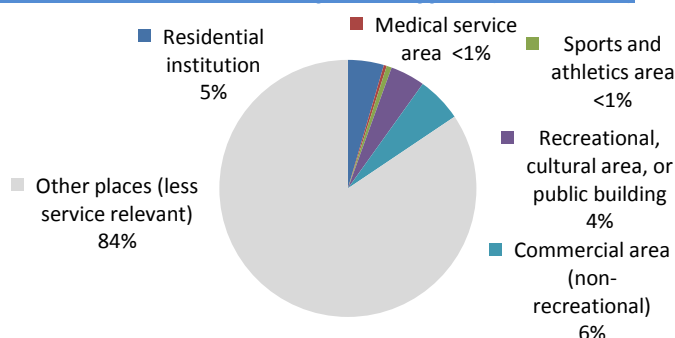


### Service related home and leisure injuries, Cyprus (2006-2010)

Service	Number of injuries	%
Residential institution	379	5%
Medical service area	31	0%
Sports and athletics area	54	1%
Recreational, cultural area, or public building	366	4%
Commercial area (non-recreational)	477	6%
Other places (less service relevant)	7081	84%
<b>Total</b>	<b>8388</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 11: Service related home and leisure injuries, Cyprus (2006-2010)



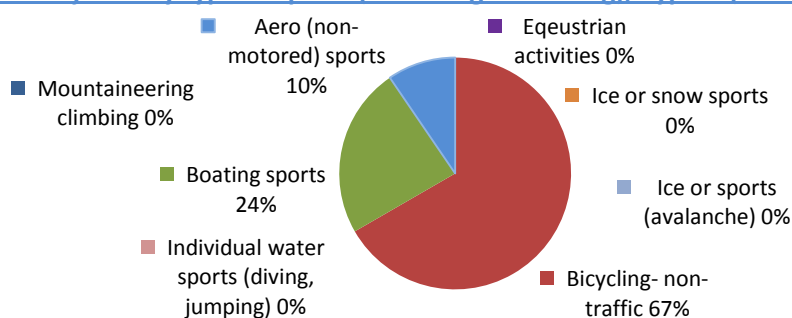
## Hotspot Sports Injuries

### Fatal sports injuries by type of sports (excluding swimming), Cyprus (2004-2009)

Type of sport	ICD-10	Number of deaths	%
Bicycling- non-traffic	V100-V189	14	67%
Boating sports	V904-V909, V914-V919, V924-V929, V934-V938, V944-V949	5	24%
Aero (non-motored) sports	V951, V960-V969, V972	2	10%
Mountaineering climbing	W158-W159	0	0%
Equestrian activities	V800	0	0%
Ice or snow sports	W020-W029	0	0%
Ice or sports (avalanche)	X368-X369	0	0%
Individual water sports (diving, jumping)	W168-W169	0	0%
<b>Total number of fatal injuries sports</b>		<b>21</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 12: Fatal sports injuries by type of sports (excluding swimming), Cyprus (2004-2009)

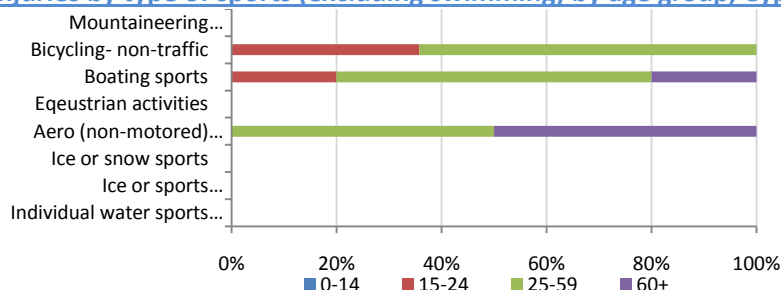


Fatal sports injuries by type of sports (excluding swimming) by age group, Cyprus (2004-2009)

Type of sport	ICD-10	0-14	15-24	25-59	60+	All ages
Individual water sports (diving, jumping)	W168-W169	0%	0%	0%	0%	0
Ice or sports (avalanche)	X368-X369	0%	0%	0%	0%	0
Ice or snow sports	W020-W029	0%	0%	0%	0%	0
Aero (non-motored) sports	V951, V960-V969, V972	0%	0%	50%	50%	2
Equestrian activities	V800	0%	0%	0%	0%	0
Boating sports	V904-V909, V914-V919, V924-V929, V934-V938, V944-V949)	0%	20%	60%	20%	5
Bicycling- non-traffic	V100-V189	0%	36%	64%	0%	14
Mountaineering climbing	W158-W159	0%	0%	0%	0%	0
<b>Total number of fatal injuries in each age group</b>		<b>0</b>	<b>6</b>	<b>13</b>	<b>2</b>	<b>21</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 12: Fatal sports injuries by type of sports (excluding swimming) by age group, Cyprus (2004-2009)



## Hotspot Interpersonal Violence

### Fatalities through interpersonal violence by means of assault, Cyprus (2004-2009)

Means of assault	Number of deaths	%
Blunt object	1	1,33%
Bodily force	4	5,33%
Firearm discharge	30	40,0%
Hanging, strangulation, suffocation	8	10,67%
Maltreatment, neglect	1	1,33%
Other or unknwn means	12	16,0%
Sharp object	19	25,33%
<b>Total</b>	<b>75</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure 14: Fatalities through interpersonal violence by means of assault, Cyprus (2004-2009)

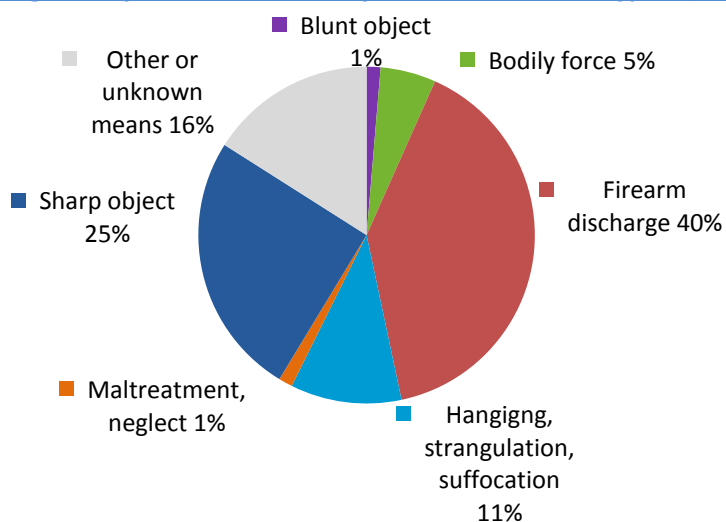
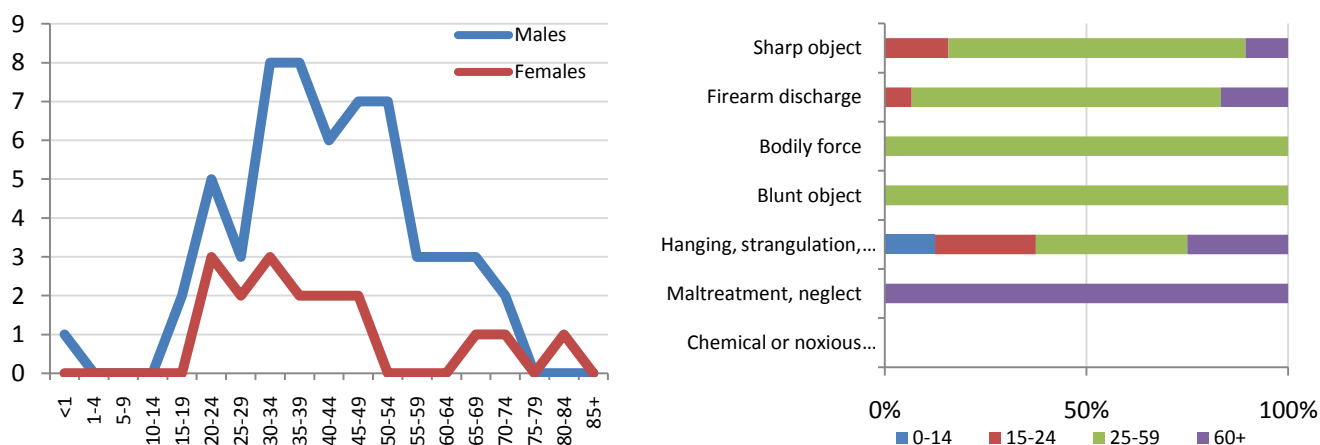


Figure 14: Fatalities through interpersonal violence by means of assault, sex and age group, Cyprus (2004-2009)



## Non-fatal injuries through interpersonal violence by context of assault, sex and age group of victim, Cyprus (2006-2010)

Context of assault	Number of injuries	%
Violent dispute	385	84%
Illegal acquisition	11	2%
Drug-related incident	23	5%
Sexual assault	10	2%
Other criminal activity	21	5%
Gang-related incident	9	2%
<b>Total</b>	<b>459</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 15: Non-fatal injuries through interpersonal violence by context of assault, Cyprus (2006-2010)

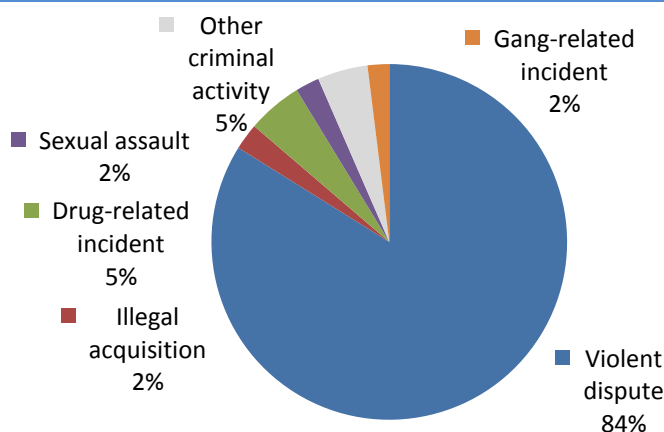


Figure 15: Non-fatal injuries through interpersonal violence by context of assault, by age group of victim, Cyprus (2006-2010)

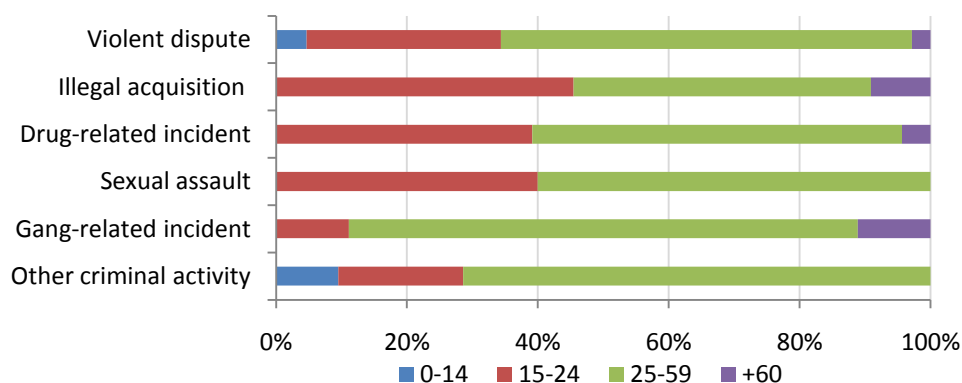
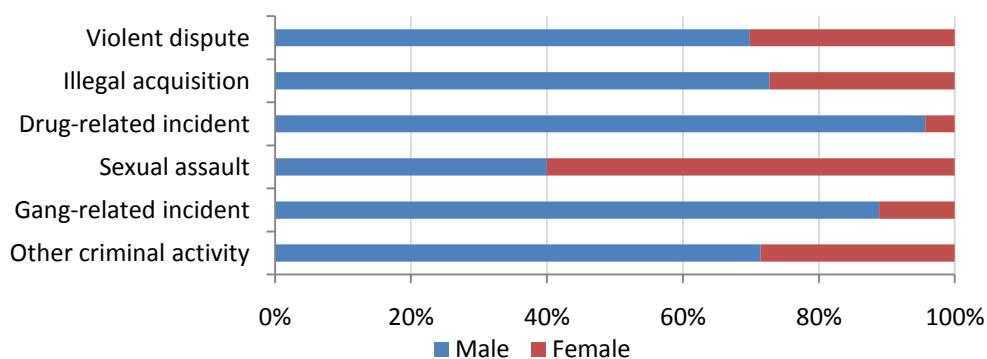


Figure 15: Non-fatal injuries through interpersonal violence by context of assault, by sex, Cyprus (2006-2010)



### Hotspot Suicide and Self-Harm

#### Suicides by means of self-harm, Cyprus (2004-2009)

Means of self-harm	ICD-10	Number of deaths	%
Sharp object	X78	3	2,308%
Jumping or lying before moving object	X81-X82	0	0,000%
Drowning and submersion	X71	1	0,769%
Jumping from a high place	X80	19	14,615%
Firearm discharge	X72-X75	27	20,769%
Intentional self-poisoning	X60-X69	29	22,308%
Hanging strangulation and suffocation	X70	45	34,615%
Other and unknown means	X76-X77, X79, X83-X84, Y870	6	4,615%
<b>Total</b>		<b>130</b>	<b>100%</b>

Source: Causes of Death register, Health Monitoring Unit, 2004-2009

Figure16: Suicides by means of self-harm, Cyprus (2004-2009)

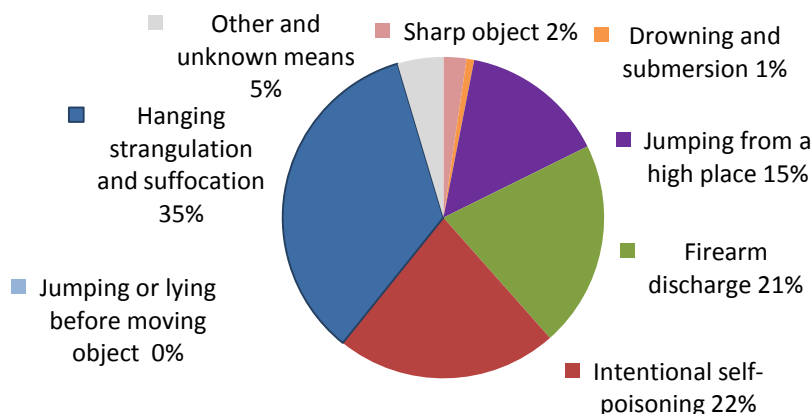


Figure16: Suicides by means of self-harm, by sex and age group, Cyprus (2004-2009)

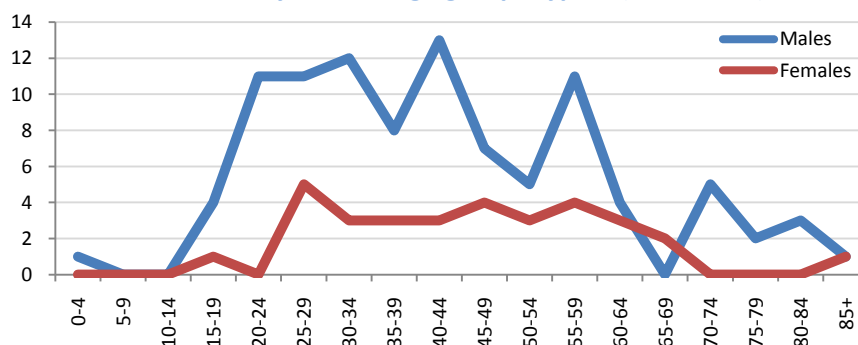
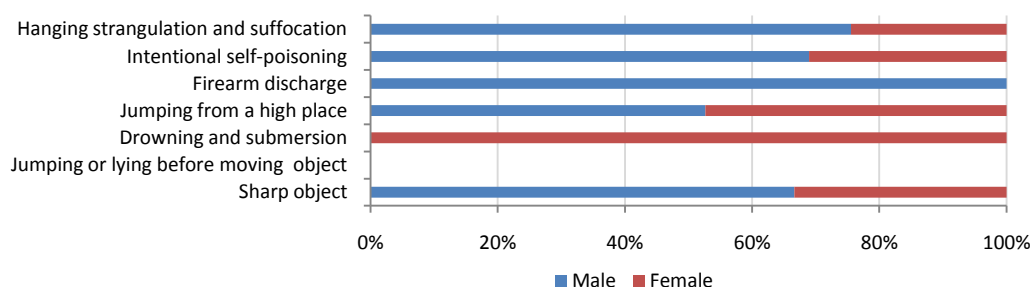


Figure16: Suicides by means of self-harm, by sex, Cyprus (2004-2009)



## Non-fatal injuries through self-harm by risk factor, Cyprus (2006-2010)

Risk factor	Number of injuries	%
Unspecified proximal risk factor	5	14%
Psychological/psychiatric condition	19	53%
Conflict in relationship with family member, partner, or friend	6	17%
Other specified proximal risk factor	5	14%
Legal system encounters	1	3%
<b>Total</b>	<b>36</b>	<b>100%</b>

Source: Injury Database, Accidents and Emergency Department (Nicosia General Hospital and Ammochostos General Hospital), HMU, 2006-2010

Figure 17: Non-fatal injuries through self-harm by risk factor, Cyprus (2006-2010)

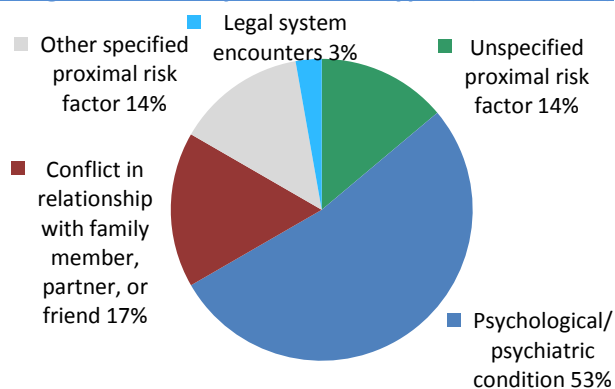


Figure 17: Non-fatal injuries through self-harm by risk factor, by mechanism of injury and by sex, Cyprus (2006-2010)

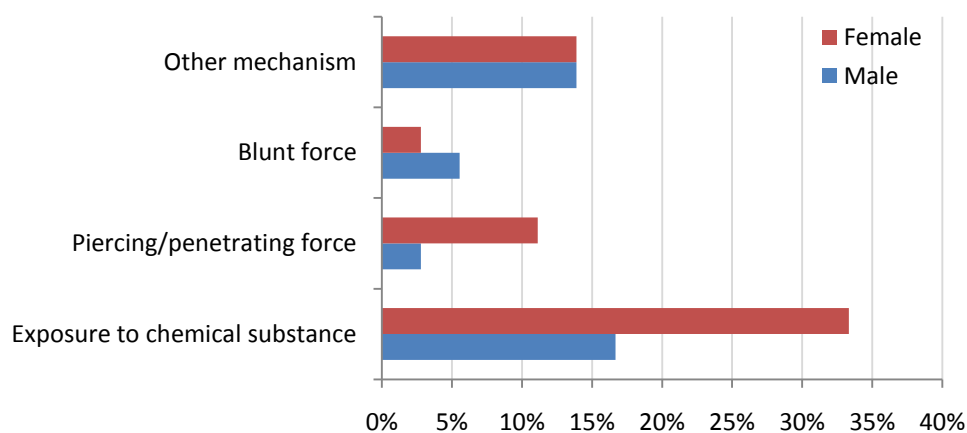


Figure 17: Non-fatal injuries through self-harm by risk factor, by sex and age group, Cyprus (2006-2010)

