

## APPENDIX F: INTERNATIONAL CLASSIFICATION OF DISEASE CODES

### ICD-9 Codes

Mechanism of Injury	Codes for hospitalizations and deaths	Codes for deaths only
Hospitalizations with mechanism mentioned	E800-848, E850-869, E880-928, E950-958, E960-968, E970-976, E980-988	E929, E959, E969, E977-978, E989-999
<b>Total unintentional injury</b>	E800-848, E850-869, E880-928	E929
<b>Transportation</b>	E800-848	
Railway	E800-807	
Railway employee/passenger	E800-807 (.0-.1)	
Pedestrian	E800-807 (.2)	
Bicyclist	E800-807 (.3)	
Motor vehicle traffic	E810-819	
Motor vehicle occupant	E810-819 (.0-.1, .9)	
Driver	E810-819 (.0)	
Passenger	E810-819 (.1)	
Motorcyclist	E810-819 (.2-.3)	
Driver	E810-819 (.2)	
Passenger	E810-819 (.3)	
Bicyclist	E810-819 (.6)	
Pedestrian	E810-819 (.7)	
Rider of animal or occupant of animal-drawn vehicle	E810-819 (.5)	
Motor vehicle non-traffic	E820-825	
Motor vehicle occupant	E820-825 (.0-.1, .9)	
Driver	E820-825 (.0)	
Passenger	E820-825 (.1)	
Motorcyclist	E820-825 (.2, .3)	
Driver	E820-825 (.2)	
Passenger	E820-825 (.3)	
Bicyclist	E820-825 (.6)	
Pedestrian	E820-825 (.7)	
Snowmobile driver/passenger	E820 (.0-.1, .9)	
Rider of animal or occupant of animal-drawn vehicle	E820-825 (.5)	
Other road vehicle crashes	E826-829	
Pedestrian	E826-829 (.0)	
Bicyclist	E826-829 (.1)	
Rider of animal or occupant of animal-drawn vehicle	E826-829 (.2-.3)	
Water transport	E830-838	
Occupant of watercraft	E830-838 (.0-.3)	
Water-skier/swimmer	E830-838 (.4-.5)	
Air transport	E840-845	
Occupant of aircraft/spacecraft	E840-845 (.0-.7)	
Other transport related	E846-848	
<b>Drowning</b>	E830, E832, E910	
Water transport-related	E830, E832	
Non-water transport-related	E910	
Recreational	E910 (.0-.2)	
Bathtub	E910.4	

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## ICD-9 Codes, continued

Mechanism of Injury	Codes for hospitalizations and deaths	Codes for deaths only
<b>Poisoning</b>	E850-869	
Heroin/opiates/narcotics	E850 (.0-.2)	
Aspirin	E850.3	
Barbiturates	E851	
Tranquilizers	E853	
Other psychotropic agents	E854	
Alcohol	E860	
Carbon monoxide	E867-868	
<b>Fall</b>	E880-888	
From stairs/steps	E880	
From ladders/scaffolding	E881	
From building/structure	E882	
Into a swimming pool	E883.0	
Into a well/manhole/hole	E883 (.1-.2, .9)	
From playground equipment	E884.0	
From cliff	E884.1	
From chair/furniture (not bed)	E884 (.2, .5)	
From wheelchair	E884.3	
From bed	E884.4	
From commode	E884.6	
On same level, by slipping, tripping, or stumbling	E885	
Roller skates, in-line skates (since 2001)	E885.1	
Skateboard (since 2001)	E885.2	
Skis (since 2001)	E885.3	
Snowboard (since 2001)	E885.4	
On same level by collision, pushing, shoving, by or with other person (including in sports)	E886	
Other unspecified fall	E884.9, E887-888	
<b>Fire/burn</b>	E890-899, E924	
Fire/burn due to flames	E890-899	
House fires	E890	
From ignition of clothing	E893	
Scalds/caustic substances/hot objects	E924	
<b>Natural/environmental</b>	E900-909	
Excessive cold (weather)	E901.0	
Hunger, thirst, exposure, and neglect	E904	
Venomous snakes/lizards	E905.0	
Venomous spiders	E905.1	
Hornet, wasps, bees	E905.3	
Dog bite	E906.0	
Cat/rodent (except rat) bite	E906.3	
Other animal-related Injury, not being ridden	E906.8	
Lightning	E907	
<b>Struck by or against</b>	E916-917	
Struck by falling object	E916	
Striking against or by objects/ persons (including in sports)	E917	
<b>Machinery/cutting instrument</b>	E919-920	
Machinery	E919	
Agricultural machines	E919.0	
Lifting machines	E919.2	
Woodworking/forming machines	E919.4	
Cutting and piercing instruments	E920	
Powered lawn mower	E920.0	
Powered hand tools	E920.1	
Knives, swords, daggers	E920.3	

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## ICD-9 Codes, continued

Mechanism of Injury	Codes for hospitalizations and deaths	Codes for deaths only
Other hand tools/implements	E920 (.4-.5, .8-.9)	
<b>Other unintentional</b>	E911-915, E918, E921-923, E925-928	E929
Aspiration/suffocation	E911-913	
Foreign body	E914-915	
Caught in or between objects	E918	
Firearms/Airguns	E922	
Handgun	E922.0	
Shotgun	E922.1	
Rifle	E922.2	
Airgun	E922.4	
Unspecified	E922.9	
Electric current	E925	
Overexertion	E927	
Other unspecified injury	E921, E923, E926, E928	E929
<b>Total intentional injury</b>	E950-958, E960-968, E970-976	E959, E969, E977-978
<b>Suicide/self-inflicted</b>	E950-958	E959
Solid/liquid drug overdose	E950	
Gas	E951-952	
By motor vehicle exhaust	E952.0	
Hanging/suffocation	E953	
Firearms/airguns	E955 (.0-.4, .6)	
Handgun	E955.0	
Shotgun	E955.1	
Rifle	E955.2	
Airgun	E955.6	
Other/unspecified	E955 (.3-.4)	
Cutting/piercing	E956	
Jumping from high place	E957	
Other means	E954, E955.5, E955.9, E958	E959
<b>Assault</b>	E960-968	E969
Unarmed fight/brawl	E960.0	
Firearms	E965 (.0-.4)	
Handgun	E965.0	
Shotgun	E965.1	
Rifle	E965.2	
Other/unspecified	E965 (.3-.4)	
Stabbing	E966	
Child/adult abuse	E967	
Other or unspecified means	E960.1, E961-964, E965.5-965.9, E968	E969
<b>Legal intervention</b>	E970-976	E977-978
Firearms	E970	
<b>Total undetermined intent injury</b>	E980-988	E989
Poisoning by solids/liquids	E980	
Poisoning by gases	E981-982	
Hanging/strangulation/suffocation/drowning	E983-984	
Firearm/airguns	E985 (.0-.4, .6)	
Cutting/piercing	E986	
Other means	E985.5, E987-988	E989
<b>Total firearm-related</b>	E922 (.0-.3, .8-.9), E955 (.0-.4) E965 (.0-.4), E970, E985 (.0-.4)	

## ICD-10 Codes

Mechanism of Injury	Codes for deaths
<b>Total injury deaths</b>	V01-Y36, Y85-Y87, Y89
<b>Total unintentional injury</b>	V01-X59, Y85-Y86
<b>Transportation</b>	V01-V99, Y85
Total motor vehicle	V02-V04, V09.0, V09.2, V12-V14, V19 (.0-.2), V19 (.4-.6), V20-V79, V80 (.3-.5), V81-V82 (.0-.1), V83-V86, V87-V88 (.0-.8), V89 (.0,.2)
Motor vehicle traffic	V02-V04 (.1, .9), V09.2, V12-V14 (.3-.9), V19 (.4-.6), V20-V28 (.3-.9), V29-V79 (.4-.9), V80 (.3-.5), V81-V82 (.1), V83-V86 (.0-.3), V87 (.0-.8), V89.2
Occupant	V30-V79 (.4-.9), V83-V86 (.0-.3)
Driver	V30-V38 (.5), V39 (.4), V40-V48 (.5), V49 (.4), V50-V58 (.5), V59 (.4), V60-V68 (.5), V69 (.4), V70-V78 (.5), V79 (.4), V83-V86 (.0)
Passenger	V30-V38 (.6), V39 (.5), V40-V48 (.6), V49 (.5), V50-V58 (.6), V59 (.5), V60-V68 (.6), V69 (.5), V70-V78 (.6), V79 (.5), V83-V86 (.1)
Other/unspecified	V30-V38 (.4,.7,.9), V39 (.6-.9), V40-V48 (.4,.7,.9), V49 (.6-.9), V50-V58 (.4,.7,.9), V59 (.6-.9), V60-V68 (.4,.7,.9), V69 (.6-.9), V70-V78 (.4,.7,.9), V79 (.6-.9), V83-V86 (.2, .3)
Motorcyclist	V20-V28 (.3-.9), V29 (.4-.9)
Bicyclist	V12-V14 (.3-.9), V19 (.4-.6)
Pedestrian	V02-V04 (.1, .9), V09.2
Other	V80 (.3-.5), V81-V82 (.1)
Unspecified	V87 (.0-.8), V89.2
Motor vehicle non-traffic	V02-V04 (.0) V09.0, V12-V14 (.0-.2), V19 (.0-.2), V20-V28 (.0-.2), V29-V79 (.0-.3), V81-V82 (.0), V83-V86 (.4-.9), V88 (.0-.8), V89.0
Occupant	V30-V79 (.0-.3), V83-V86 (.4-.9)
Driver	V30-V79 (.0), V83-V86 (.5)
Passenger	V30-V79 (.1), V83-V86 (.6)
Other/unspecified	V30-V79 (.2-.3), V83-V86 (.4, .7-.9)
Motorcyclist	V20-V28 (.0-.2), V29 (.0-.3)
Pedestrian	V02-V04 (.0), V09.0
Bicyclist	V12-V14 (.0-.2), V19 (.0-.2)
Other	V81-V82 (.0)
Unspecified	V88 (.0-.8), V89.0
Other land transport	V01, V05-V06, V09 (.1, .3-.9), V10-V11, V15-V18, V19 (.3, .8-.9), V80 (.0-.2, .6-.9), V81-V82 (.2-.9), V87-V88 (.9), V89 (.1, .3, .9)
Water transport	V90-V94
Air and space transport	V95-V97
Other and unspecified transport	V98-V99
Sequelae of transport related injury	Y85
<b>Drowning</b>	V90, V92, W65-W74
Water transport related	V90, V92
Non-water transport related	W65-W74
Bathtub	W65-W66
Swimming pool	W67-W68
Natural water	W69-W70
Other/unspecified	W73-W74
<b>Poisoning</b>	X40-X49
Drugs	X40-X44
Nonopioid analgesics, antipyretics and antirheumatics	X40
Antiepileptic, sedative-hypnotic, antiparkinsonism, and psychotropic drugs	X41
Narcotics and psychodysleptics	X42
Other/unspecified drugs	X43-X44
Alcohol	X45
Gases and vapours	X47
Other/unspecified	X46, X48-X49

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## ICD-10 Codes, continued

Mechanism of Injury	Codes for deaths
<b>Falls</b>	W00-W19
Same level	W00-W03, W18
Involving ice/snow	W00
From slipping, tripping/stumbling	W01
Involving ice-skates, skis, roller-skater, & skateboards	W02
Other	W03, W18
From one level to another	W04-W17
Wheelchair	W05
Bed	W06
Chair/other furniture	W07-W08
Stairs/steps	W10
Ladder/scaffolding	W11-W12
Building/structure	W13
Cliff	W15
Other	W04, W09, W14, W16-W17
Unspecified fall	W19
<b>Fire/burn</b>	X00-X19
Exposure to smoke, fire and flames	X00-X09
Building or structure	X00, X02
Other/unspecified	X01, X03, X04-X06, X08, X09
Contact with heat and hot substances	X10-X19
<b>Natural/environmental</b>	W42-W43, W53-W64, W92-W99, X20-X39, X51-X57
Bitten/struck by animal/insect	W53-W59
Exposure to forces of nature	X30-X39
Excessive natural cold	X31
Lightning	X33
Avalanche/landslide	X36
Other/unspecified	X30, X32, X34, X35, X37-X39
<b>Suffocation</b>	W75-W84
Suffocation and strangulation	W75-W76
In bed	W75
Inhalation and ingestion	W78-W80
Gastric contents	W78
Food	W79
Other objects	W80
Other/unspecified	W77, W81-W84
<b>Other unintentional</b>	W20-W41, W44-W52, W85-W91, X50, X58-X59, Y86
Struck by or against	W20-W22, W50-W52
Struck by thrown/falling object	W20
Striking against or struck by other objects	W21-W22
Struck by or against another person	W50-W52
Caught between objects	W23
Machinery and cut/pierce	W24-W31, W45
Lifting/transmission devices	W24
Agricultural machinery	W30
Other/unspecified	W25-W29, W31, W45
Discharge of firearms	W32-W34
Handgun	W32
Rifle, shotgun and larger firearm	W33
Other/unspecified	W34
Electric current	W85-W87
Exposure to other/unspecified factors	W35-W41, W44, W49, W88-W91, X50, X58-X59
Sequelae of unintentional injury	Y86

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## ICD-10 Codes, continued

Mechanism of Injury	Codes for deaths
<b>Total intentional injury</b>	X60-X99, Y00-Y09, Y87.0, Y87.1, Y89.0, Y89.1
<b>Suicide</b>	X60-X84, Y87.0
Total poisoning	X60-X69
Drugs	X60-X64
Gases and vapors	X67
Other	X65-X66, X68-X69
Hanging/suffocation	X70
Discharge of firearms	X72-X74
Handgun	X72
Rifle, shotgun and larger firearms	X73
Other/unspecified	X74
Fire/burn	X76-X77
Sharp or blunt object	X78-X79
Jumping from a high place	X80
Jumping or lying before moving object	X81
Crashing of motor vehicle	X82
Other/unspecified	X71, X75, X83, X84, Y87.0
<b>Homicide</b>	X85-Y09, Y87.1
Hanging/suffocation	X91
Discharge of firearms	X93-X95
Handgun	X93
Rifle, shotgun and larger firearms	X94
Other/unspecified	X95
Sharp or blunt object	X99, Y00
Neglect and other maltreatment	Y06-Y07
Other/unspecified	X85-X90, X92, X96-X98, Y01-Y05, Y08-Y09, Y87.1
<b>Legal intervention</b>	Y35, Y89.0
Discharge of firearms	Y35.0
<b>Total undetermined intent injury</b>	Y10-Y34, Y87.2, Y89.9
Total poisoning	Y10-Y19
Drugs	Y10-Y14
Gases and vapors	Y17
Other	Y15-Y16, Y18-Y19
Hanging/suffocation/drowning	Y20, Y21
Discharge of firearms	Y22-Y24
Falling/jumping from a high place	Y30
Other/unspecified	Y25-Y29, Y31-Y34
<b>Total firearm-related</b>	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0



