

**INJURY DEATHS, HOSPITALIZATIONS,
AND EMERGENCY DEPARTMENT VISITS**

**EXTERNAL CAUSE OF INJURY INTENT AND MECHANISM
CLASSIFICATIONS AND DESCRIPTIONS**

External Cause of Injury Intent and Mechanism
Classifications and Descriptions

Injury Intent	ICD-9 CM Codes (Hospitalizations and ED Visits)		ICD 10 Codes (Deaths)
Assault/Homicide	E960–E969, E979, E999.1		X85–Y09, Y87.1
Not E Coded	External Cause of Injury Code Not Provided		
Other	E970–E978, E990–E999.0		Y35–Y36, Y89 (.0,.1)
Self-Inflicted/Suicide	E950–E959		X60–X84, Y87.0
Undetermined	E980–E989		Y10–Y34, Y87.2, Y89.9
Unintentional	E800–E869, E880–E929		V01–X59, Y85–Y86
Injury Mechanism	ICD-9 CM Codes (Hosp and ED Visits)	ICD-10 Codes (Deaths)	Brief Mechanism Description
Bite, Sting	E905.0–E905.6, E905.9, E906.0–E906.5, E906.9		Venomous snakes, lizards, spiders, scorpions, wasps, bees (excludes marine plants and animals, plants, other animal and plants) Non-venomous animal bite from dog, snake, lizard, rat (excludes other animal injury)
Cut, Pierce	E920, E956, E966, E974, E986	W25–W29, W45, X78, X99, Y28, Y35.4	Injury by cutting or piercing instruments or objects (glass, knife, tools, needle, etc)

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Injury Mechanism	ICD-9 CM Codes (Hosp and ED Visits)	ICD-10 Codes (Deaths)	Brief Mechanism Description
Drowning, Submersion	E830, E832, E910, E954, E964, E984	V90, V92, W65–W74, X71, X92, Y21	Drowning and submersion (includes accidents involving water transport)
Fall	E880–E886, E888, E957, E968.1, E987	W00–W19, X80, Y01, Y30	Accidental falls, push or jump from high place
Fire, Flame	E890–E899, E958.1, E968.0, E988.1	X00–X09, X76, X97, Y26	Fire injuries
Firearm	E922.0–E922.3, E922.8, E922.9, E955.0–E955.4, E965.0–E965.4, E985.0–E985.4, E970	W32–W34, X72–X74, X93–X95, Y22–Y24, Y35.0	Firearm Injuries (excludes air guns, paintball guns, explosives and includes unspecified firearms/explosives)
Hot Object, Substance	E924, E958.2, E958.7, E961, E968.3, E988.2, E988.7	X10–X19, X77, X98, Y27	Burn/Scald by liquid or corrosive substance (excludes fire)
Machinery	E919	W24, W30–W31	Injuries caused by machinery
MV Traffic – Motorcyclist	E810–E819 (.2,.3)	V20–V28 (.3–.9), V29 (.4–.9)	Motor vehicle traffic accident injuring driver or passenger of motorcycle
MV Traffic – Occupant	E810–E819 (.0,.1)	V30–V79 (.4–.9), V83–V86 (.0–.3)	Motor vehicle traffic accident injuring driver or passenger of motor vehicle
MV Traffic – Other, Unspecified	E810–E819 (.4,.5,.8,.9)	V80 (.3–.5), V81.1, V82.1, V87 (.0–.8), V89.2	Motor vehicle traffic accident injuring other or unspecified person
MV Traffic – Pedalcyclist	E810–E819 (.6)	V12–V14 (.3–.9), V19 (.4–.6)	Motor vehicle traffic accident injuring pedal cyclist
MV Traffic – Pedestrian	E810–E819 (.7)	V02–V04 (.1,.9), V09.2	Motor vehicle traffic accident injuring pedestrian

Injury Mechanism	ICD-9 CM Codes (Hosp and ED Visits)	ICD-10 Codes (Deaths)	Brief Mechanism Description
Natural, Environmental	E900–E904, E905 (.7,.8), E906.8, E907–E909, E928.0–E928.2, E958.3, E988.3		Injuries caused by excessive heat or cold (natural and man-made), lightning, storms, floods, earthquakes, pressure, travel, motion, vibration, low gravity, hunger, thirst, child neglect Poisoning and toxic reactions from other plants and other specified animals and plants Other specified injury caused by animal
Natural/Environmental		W42, W43, W53–W64, W92–W99, X20–X39, X51–X57	Injuries caused by excessive heat or cold (natural and man-made), lightning, storms, floods, earthquakes, pressure, travel, motion, vibration, low gravity, hunger, thirst, child neglect Venomous snakes, lizards, spiders, scorpions, wasps, bees Non-venomous animal bite from dog, snake, lizard, rat Poisoning and toxic reactions from other plants and other specified animals and plants Other specified injury caused by animal
Other specified and classifiable	E846–E848, E914–E915, E918, E922 (.4,.5), E968 (.4,.6,.7), E921, E923, E925–E926, E928 (.3,.4,.5) E929.0–E929.5, E955 (.5,.6,.7,.9), E958.0, E958.4, E960.1, E965.5–E965.9, E967, E971, E978, E979 (.0–.2,.5,.8,.9), E985.5–E985.7, E988.0, E988.4, E990.0–E994.0, E996, E997.0–E997.2,	W23, W35–W41, W44, W49, W85–W91, X75, X81, X96, Y02, Y05–Y07, Y25, Y31, Y35 (.1,.5), Y36 (.0,.2,.4–.8), Y85	Caught accidentally in or between objects, abandonment of child, infant, helpless person with intent to injure or kill Rape, perpetrator of child or adult abuse Other vehicle accidents, foreign body, explosion of pressure vessel, explosive material, electric current, radiation, late effects, human bite, constriction by hair or other object Suicide by firearm air gun/explosives, jumping/laying before moving object, electrocution, paintball gun Assault by antipersonnel bomb, gasoline bomb, letter bomb, other and unspecified explosive, air gun, human bite, paintball gun Legal intervention explosives, execution, War operations Accidents by air guns, paintball guns, explosives and includes unspecified firearms/explosives Y08, Y33,

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Other specified and not elsewhere classifiable	E928.8, E929.8, E958.8, E959, E968.8, E969, E977, E988.8, E989, E995, E997.8, E998.0, E999–E999.1	X58, X83, Y08, Y33, Y35.6, Y86, Y87.0–Y87.2, Y89 (.0,.1)	Other accidents and late effects, other specified means and late effects, other conventional warfare
Overexertion	E927	X50	Overexertion and strenuous movements
Pedal Cyclist, Other	E800–E807 (.3), E820–E825 (.6), E826.9 E826–E829 (.1),	V10–V11, V12–V14 (.0–.2), V15–V18, V19 (.0–.3,.8,.9)	Motor vehicle (snowmobile, off-road, other) and Non-Motor vehicle (train, pedal cycle) nontraffic accidents injuring pedal cyclist
Pedestrian, Other	E800–E807 (.2), E820–E825 (.7), E826–E829 (.0)	V01, V02–V04 (.0), V05–V06, V09 (.0,.1,.3,.9)	Motor vehicle (snowmobile, off-road, other) and Non-Motor vehicle (train, pedal cycle, animal-drawn) nontraffic accidents injuring pedestrian
Poisoning	E850–E869, E950–E952, E962, E972, E980–E982	X40–X49, X60–X69, X85–X90, Y10–Y19, Y35.2	Poisoning by drugs, medicinal substances, and biologicals, gas and vapors (domestic and others), alcohol, cleaning agents, petroleum, arsenic, agriculture, horticulture, corrosives, food, plants
Struck By, Against	E916–E917, E960, E968.2 E973, E975	W20–W22, W50–W52, X79, Y00, Y04, Y29, Y35.3	Struck by falling object, crowd, furniture, stationary object, person, blunt object (legal intervention), in sports (kicked, stepped on, ball, hockey stick, puck), assault by unarmed fight or brawl, striking by blunt or thrown object
Suffocation	E911– E913, E953, E963, E983	W75–W84, X70, X91, Y20	Injury by hanging, strangulation, suffocation by plastic bag, falling earth, other, unspecified, inhalation or ingestion of food or object causing airway obstruction, mechanical suffocation in bed or cradle

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Transport, Other	E800–E807 (.0,.1,.8,.9), E820–E825 (.0,.1,.2,.3,.4,.5,.8,.9), E826–E829 (.2,.3,.4,.8,.9), E831, E833–E838, E840–E845, E958.6, E988.6	V20–V28 (.0–.2), V29–V79 (.0–.3), V80 (.0–.2,.6–.9), V81–V82 (.0,.2–.9), V83–V86 (.4–.9), V87.9, V88 (.0–.9), V89 (.0,.1,.3,.9), V90–V99, X82, Y03, Y32, Y36.1	Accidents involving air and spacecraft Accidents involving water transport vehicles — non drown (falls, fire, etc) Motor vehicle (snowmobile, off-road, other) and Non- Motor vehicle (train, animal-drawn, pedal cycle) nontraffic accident injuring mv occupant, motorcyclist, train occupant, streetcar occupant, rider of animal, other, unspecified
Unspecified	E887, E928.9, E929.9, E958.9, E968.9, E976, E988.9, E997.9	X59, X84, Y09, Y34, Y89.9, Y35.7, Y36.9	Fracture cause unspecified, unspecified injury

For more information please visit the following websites:

International Classification of Diseases, Version 9, Clinical Modification: <http://www.icd9data.com/2008/Volume1/default.htm>

International Classification of Diseases, Version 10: <http://www.who.int/classifications/apps/icd/icd10online/>