Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
Animal	**Animal**	W54	Bite or contact with dog
		W55	Bite or contact with other mammal(s)
		W64	Bite or contact non-venomous animal
Asphyxiation	**Asphyxiation**	T71.1	Asphyxiation due to FBAO, crush, etc.
		T71.11	Asphyxiation due to smothering under pillow
		T71.12	Asphyxiation due to plastic bag
		T71.14	Asphyxiation due to smothering under another person's body (in bed)
		T71.15	Asphyxiation due to smothering in furniture
		T71.21	Asphyxiation due to cave-in or falling earth
		T71.29	Asphyxiation due to confined space
		T71.9	Asphyxiation due to unspecified cause
Bodily Force	**Bodily Force**	W50	Hit, strike, kick, twist, bite or scratch by another person, accidental
		W51	Strike against or bumped into by another person, accidental
		W52	Crushed, pushed or stepped on by crowd, accidental
Drowning	**Drowning**	V90	Drowning and submersion due to watercraft, accidental
		V94.9	Drowning in Water transport (Boat, Jetski etc.) accident
		W65	Drowning, submersion in a bath-tub, accidental
		W67	Drowning, submersion in a swimming pool
		W69	Drowning, submersion in natural water, accidental
		W74	Drowning, other cause, unspecified
Electricity, Temperature or Pressure	**Electricity, Temperature or Pressure**	T75.4	Shock from electric current
		W85	Contact with electric transmission lines
		X32	Exposure to sunlight
		W89.9	Exposure to man-made light(Tanning bed, welding lights, etc.)
		X00	Exposure to fire in building or structure
		X01	Exposure to fire, not in building or structure
		X04	Exposure to ignition of highly flammable material
		X00.1	Exposure to smoke in uncontrolled fire IN building or structure
		X01.1	Exposure to smoke in uncontrolled fire, NOT in building or structure
		Y26	Exposure to smoke, fire and flames, undetermined intent
		W92	Exposure to excessive heat of man-made origin
		W93	Exposure to excessive cold of man-made origin
		X06	Exposure to melting of clothing or apparel
		X11.0	Contact with hot water in bath or tub
		X30	Exposure to excessive heat
		X31	Exposure to excessive cold
Electricity, Temperature or Pressure	**Electricity, Temperature or Pressure**	W38	Explosion or rupture of pressurized devices
		W40.9	Explosion of explosive materials
		W49.0	Item causing external constriction, rings, etc.
		W94	Exposure to high or low air pressure or changes in air pressure

Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
Fall	**Fall**	W13.9	Fall from building
		W13.4	Fall from, out of or through window
		W12	Fall on or from scaffolding
		W13.2	Fall from or through roof
		W11	Fall from ladder
		W01	Fall on same level from slipping, tripping or stumbling
		W18.30	Fall on same level due to syncope or other medical cause
		W17	Other fall from one level to another
		W10.9	Fall on or from stairs and steps
		W06	Fall from bed
		W07	Fall from chair
		W08	Fall from other furniture
		W18.2	Fall in shower or bathtub
		W18.1	Fall from or off toilet
		V00.1	Rolling-type pedestrian conveyance accident
		V00.8	Accident while on wheelchair, mobility scooter, etc.
		W00.9	Fall due to ice or snow
		W15	Fall from cliff
		W14	Fall from tree, tree house, tree stand
		V00.2	Accident while skating, sledding, etc.
		V00.31	Accident, snowboard
		V00.32	Accident, Skiing
		V00.38	Accident, other sliding sport
		V97.2	Accident, parachutist
		W16	Jumping or diving into water
		W09	Fall on and from playground equipment
		W19	Fall, Not Otherwise Specified
		W18	Other slipping, tripping and stumbling and falls

Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
Firearm	**Firearm**	W32	Discharge of handgun, accidental
		W33	Discharge of shotgun, rifle or larger firearm, accidental
		W34	Discharge of gas or spring operated guns (paintball, airsoft, etc.), accidental
Intent	**Intent**	T14.91	Suicide attempt, unspecified
		T58.02	Intentional self harm: carbon monoxide (eg motor vehicle exhaust)
		T71.16	Intentional self-harm: asphyxiation due to hanging
		X71.9	Intentional self-harm: drowning and submersion
		X74.9	Intentional self-harm: firearm discharge
		X75	Intentional self-harm: explosive material
		X76	Intentional self-harm: smoke or fire
		X78.9	Intentional self-harm: sharp object
		X79	Intentional self-harm: blunt object
		X80	Intentional self-harm: jumping from a high place
		X81	Intentional self-harm: jumping or lying in front of moving object
		X82	Intentional self-harm: crashing of motor vehicle
		X83	Intentional self-harm: other specified means
		T76.21	Sexual abuse or rape (adult), suspected
		T76.22	Sexual abuse or rape (child), suspected
		T76.9	Unspecified Maltreatment, suspected
		X95.9	Assault by firearm discharge
		X99.9	Assault by knife or sharp object
		Y00	Assault by blunt object
		Y03.0	Assault by being hit or run over by motor vehicle
		Y04	Assault by bodily force
		Y04.1	Bite, human
		Y08	Assault by other means (physical)
		Y28.9	Contact with sharp object, scissors, glass, etc., undetermined intent
		Y29	Contact with blunt object, undetermined intent
Law Enforcement Intervention	**Law Enforcement**	Y35	Injury during law enforcement action, suspected
Mechanical Force	**Mechanical Force**	W20	Struck by thrown or falling object
		W23	Caught, crushed, jammed or pinched in or between objects
		Y29	Contact with blunt object, undetermined intent

Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
MVC, Non-Traffic		V29.3	NOT on public road: Motorcycle driver/passenger injury
Occurs anywhere OTHER THAN		V39.3	NOT on public road: Three-wheeled vehicle driver/passenger injury
a public highway		V49.3	NOT on public road: Car driver/passenger injury
		V59.3	NOT on public road: Pick-up Truck or Van driver/passenger injury
		V69.3	NOT on public road: Heavy transport vehicle driver/passenger injury
		V79.3	NOT on public road: Bus driver/passenger injury
		V83.9	NOT on public road: Special industrial vehicle driver/passenger injury
		V84.9	NOT on public road: Agricultural vehicle driver/passenger injury
		V85.9	NOT on public road: Special construction vehicle driver/passenger injury
		V86.92	NOT on public road: Snowmobile driver/passenger injury
		V86.94	NOT on public road: Military vehicle driver/passenger injury
		V86.99	NOT on public road: Other All-terrain or off-road vehicle driver/passenger injury
		V95.9	Accident related to aircraft
MVC, Traffic		V20.9	MVC public roadway: Motorcycle rider injury: collision with pedestrian or animal
Occurs on a public		V30.9	MVC public roadway: Rider injury:Three-wheeled vehicle collision with pedestrian or animal
highway or roadway		V40.9	MVC public roadway: Car driver/passenger injury: collision with pedestrian or animal
		V29.9	MVC public roadway: Motorcycle rider injury
		V39.9	MVC public roadway: Three-wheeled vehicle rider injury
		V49.9	MVC public roadway: Car driver/passenger injury
		V59.9	MVC public roadway: Pick-up Truck or Van driver/passenger injury
		V69.9	MVC public roadway: Heavy transport vehicle driver/passenger injury
		V79.9	MVC public roadway: Bus driver/passenger injury
		V84.9	MVC public roadway: Agricultural vehicle driver/passenger injury
		V85.9	MVC public roadway: Special construction vehicle driver/passenger injury
		V86.31	MVC public roadway: Ambulance or Fire Engine driver/passenger injury
		V86.32	MVC public roadway: Snowmobile driver/passenger injury
		V86.34	MVC public roadway: Military vehicle driver/passenger injury
		V86.39	MVC public roadway: All-terrain or off-road vehicle driver/passenger injury
		V89.9	Person injured in unspecified vehicle accident
		V99	Transportation accident, unspecified
Train/Railway Injury		V81.9	Occupant of railway train or railway vehicle injured in unspecified railway accident

Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
Pedal cyclist	Pedal cyclist	V19.3	Pedal cyclist (driver/passenger) injured in unspecified **NON**-traffic accident
		V19.9	Pedal cyclist (driver/passenger) injured in unspecified traffic accident
Pedestrian	Pedestrian	V01	Roadway: Pedestrian injured in collision with pedal cycle
		V03.1	Roadway: Pedestrian injured Motor Vehicle Crash, vehicle vs pedestrian
		V04.1	Roadway: Pedestrian injured Heavy transport vehicle
		V09.9	Roadway: Pedestrian injured in unspecified transport accident
Poisoning/Overdose	Poisoning/Overdose	T50.902S	Intentional self-harm by poisoning with medication(s)
		T51.9	Toxic effect of unspecified alcohol
		T58.91	Carbon monoxide poisoning, accidental
		T65.9	Toxic effect of unspecified substance
Sharp Objects	Sharp Objects	W26	Contact with knife, sword or dagger
		Y28.8	Contact with other sharp object, undetermined intent
		Y28.9	Contact with sharp object, scissors, glass, etc., accidental
Terrorism	Terrorism	Y38	Terrorism
Tools/Devices	Tools/Devices	W28	Injury from powered lawn mower
		W29	Contact with other powered hand tools or machinery
		W30.9	Contact with agricultural machinery
		W31.9	Contact with machinery
		W39	Discharge of firework(s)
		W46	Contact with hypodermic needle
Toxic Effect	Toxic Effect	T52.9	Toxic effects of organic solvents (petroleum products, unspecified)
		T54.9	Toxic effects of unspecified corrosive substance
		T55	Toxic effects of soap and detergents
		T56.9	Toxic effects of unspecified metal
		T59.9	Toxic effect of unspecified gases, fumes and vapors
		T60.9	Toxic effect of unspecified pesticide
		T61.9	Toxic effects of seafood, unspecified
		T63	Bite or contact with venomous plants, creatures or insects
		T65.9	toxic effects of unspecified substance

Tier 1 Hierarchy	Tier 2 Hierarchy	ICD10 code	Label Cause of Injury (eInjury.01)
		T67.0	Heatstroke and sunstroke
Weather	Weather	T75.0	Lightning, effects of
		X34	Earthquake, effects of
		X36	Avalanche, landslide and other earth movements
		X37.0	Natural disaster, hurricane
		X37.1	Natural disaster, tornado
		X37.9	Natural disaster, other storms-blizzards, rain, etc.
		X38	Natural disaster, flood
Other General	Other General	T73.3	Overexertion
		W88	Exposure to ionizing radiation
Other Transport	Other Transport	V80.9	Accident, animal riding or animal-drawn vehicle
		V94.9	Water transport (Boat, Jetski etc.) accident
		V99	Motor Vehicle Crash, unspecified vehicle or transportion accident
NEMSIS NOT values	NEMSIS NOT values	7701001	Not Applicable
		7701003	Not Recorded