

ICD-9 - ICD-10 transition matrix for external cause of injury groups

Based on recommended frameworks for presenting injury mortality data (1)

Public Health Agency of Canada, February 2005

See below the table for history of updates and revisions

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
1	All external causes incl. Adverse Effects	E800.0-E999	No change	V01.0-Y89.9	
2	All external causes, Unintentional, excl. Adverse Effects	E800.0-E869.9, E880.0-E929.9	E800.0-E869.9, E880.0-E903, E904(.1-.9), E905.0-E929.9	V01.0-X59.9, Y85.0-Y86	E904.0 (neglect, abandonment) was Unintentional in ICD-9, is Assault in ICD-10 (Y06). It has been put with Other specified classifiable, assault. X59 update implemented with Jan 2007 mortality data and Apr 2007 hospitalization data
3	All external causes, Self-inflicted	E950.0-E959	No change	X60-X84, Y87.0	
4	All external causes, Assault	E960.0-E969	E904.0, E960.0-E969	X85-Y09, Y87.1	E904.0 (neglect, abandonment) was unintentional in ICD-9, is assault in ICD-10 (Y06). Under Other specified classifiable, assault.
5	All external causes, Undetermined	E980.0-E989	No change	Y10-Y34, Y87.2, Y89.9	The intent for Y89.9 is actually unspecified rather than undetermined. But there is no better place for it than here.
6	All external causes, Legal intervention/war	E970-E978, E990.0-E999	No change	Y35.0-Y36.9, Y89(.0-.1)	
7	All external causes, excl Adverse Effects, Total	E800.0-E869.9, E880.0-E929.9, E950.0-E999	No change	V01.0-Y36.9, Y85.0-Y87.2, Y89(.0-.9)	
8	Cut/pierce, Unintentional	E920(.0-.9)	No change	W25-W29, W45-W46	ICD-10 excludes exposure to electric current (with the powered tools). ICD-9 has an unspecified category - may get more cases. W46 (contact with hypodermic needle) implemented with Jan 2006 mortality data and ??? Hospitalization data)
9	Cut/pierce, Self-Inflicted	E956	No change	X78	
10	Cut/pierce, Assault	E966	No change	X99	
11	Cut/pierce, Undetermined	E986	No change	Y28	
12	Cut/pierce, Legal interv/war	E974	No change	Y35.4	Bayonet injuries are mixed with other causes in both E995 (in Other specified, classifiable) and Y36.4 (in Other specified, classifiable).
13	Cut/pierce, Total	E920(.0-.9), E956, E966, E974, E986	No change	W25-W29, W45-W46, X78, X99, Y28, Y35.4	See above re W46
14	Drowning, Unintentional	E830(.0-.9), E832(.0-.9), E910(.0-.9)	E910(.0-.9)	W65-W74	E830, E832 with Water transport in Modified ICD-9.
15	Drowning, Self-inflicted	E954	No change	X71	
16	Drowning, Assault	E964	No change	X92	
17	Drowning, Undetermined	E984	No change	Y21	
18	Drowning, Total	E830(.0-.9), E832(.0-.9), E910(.0-.9), E954, E964, E984	E910(.0-.9), E954, E964, E984	W65-W74, X71, X92, Y21	E830, E832 with Water transport in Modified ICD-9.

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
19	Fall, excluding fracture unsp., Unintentional	E880.0-E886.9, E888	No change	W00-W19	
20	Fall, including fracture unsp., Unintentional	E880.0-E888	No change	W00-W19, X59.0	X59 update including X59.0 (exposure to unspecified factor causing fracture) implemented with Jan 2007 mortality data and Apr 2007 hospitalization data implementation. Use <i>Fall, excluding fracture unsp, Unintentional</i> to get totals that will sum to <i>All unintentional injuries</i> .
21	Fall,Self-inflicted	E957(.0-.9)	No change	X80	
22	Fall,Assault	E968.1	No change	Y01	
23	Fall,Undetermined	E987(.0-.9)	No change	Y30	
24	Fall, excluding fracture unsp., Total	E880.0-E886.9, E888, E957(.0-.9), E968.1, E987(.0-.9)	No change	W00-W19, X80, Y01, Y30	
25	Fall, including fracture unsp., Total	E880.0-E888, E957(.0-.9), E968.1, E987(.0-.9)	No change	W00-W19, X59.0, X80, Y01, Y30	See above re X59.0 implementation. Use <i>Fall, excluding fracture unsp, Unintentional</i> to get totals that will sum to <i>All unintentional injuries</i> .
26	Fire/Hot obj/substance,Unintentional	E890.0-E899, E924(.0-.9)	E890.0-E899, E924.0, E924(.8-.9)	X00-X09, X10-X19	E924.1 (caustic & corrosive substances) moved to poisoning, unintentional, in Modified ICD-9 to be compatible with ICD-10.
27	Fire/Hot obj/substance,Self-inflicted	E958(.1-.2), E958.7	E958(.1-.2)	X76-X77	E958.7 (caustic subst. except poisoning) moved to other spec/NEC, self-inflicted, in Modified ICD-9.
28	Fire/Hot obj/substance,Assault	E961, E968.0, E968.3	E968.0, E968.3	X97-X98	As above; E961 (corrosive or caustic substance except poisoning) moved to poisoning, assault
29	Fire/Hot obj/substance,Undetermined	E988(.1-.2), E988.7	E988 (.1-.2)	Y26-Y27	E988.7 (caustic substance except poisoning) moved to other spec/NEC, undetermined, in Modified ICD-9.
30	Fire/Hot obj/substance,Legal interv/war	-----	E990(.0-.9)	Y36.3	Since they span both sub-groups (Fire/flame and Hot objects/substances) E990 & Y36.3 are only in the combined group of Fire/hot obj/substance, legal interv/war.
31	Fire/Hot obj/substance, Total	E890.0-E899, E924(.0-.9), E958(.1-.2), E958.7, E961, E968.0, E968.3, E988(.1-.2), E988.7	E890.0-E899, E924.0, E924(.8-.9), E958(.1-.2), E968.0, E968.3, E988 (.1-.2), E990(.0-.9)	X00-X09, X10-X19, X76-X77, X97-X98, Y26-Y27, Y36.3	See above. Also see comment on classification of caustics in row 41 (Hot object/substance, Total)
32	(1) Fire/Flame,Unintentional	E890.0-E899	No change	X00-X09	
33	(1) Fire/Flame,Self-inflicted	E958.1	No change	X76	
34	(1) Fire/Flame,Assault	E968.0	No change	X97	
35	(1) Fire/Flame,Undetermined	E988.1	No change	Y26	

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
36	(1) Fire/Flame, Total	E890.0-E899, E958.1, E968.0, E988.1	No change	X00-X09, X76, X97, Y26	Notes for fires: Secondary fires resulting from explosions are incl in ICD-9 and excl in ICD-10. Smoke: Incl in E890 & E891; no mention in E892-E899, E958.1, E968.0, E988.1. Incl in X00-X09, X76, X97, Y26. In Canada smoke inhalation was coded with fires in ICD-9. PW thinks that smoke inhalation (without mention of fire) is being coded to X47 (poisoning by gas) in ICD-10. This is under study and a decision may be made to code it with smoke fire and flames.
37	(1) Hot obj/substance, Unintentional	E924(.0-.9)	E924.0, E924(.8-.9)	X10-X19	E924.1 (caustic & corrosive substances) moved to poisoning, unintentional, to be compatible with ICD-10.
38	(1) Hot object/substance,Self-inflicted	E958.2, E958.7	E958.2	X77	E958.7 (caustic substances, except poisoning) moved to other spec/NEC, self-inflicted.
39	(1) Hot object/substance,Assault	E961, E968.3	E968.3	X98	E961(corrosive or caustic substances, except poisoning) moved to poisoning, assault
40	(1) Hot obj/substance,Undetermined	E988.2, E988.7	E988.2	Y27	E988.7 (caustic substances , except poisoning) moved to other spec/NEC, undetermined.
41	(1) Hot object/substance, Total	E924(.0-.9), E958.2, E958.7, E961, E968.3, E988.2, E988.7	E924.0, E924(.8-.9), E958.2, E968.3, E988.2	X10-X19, X77, X98, Y27	See above re caustics - whose classification across ICD versions is difficult! No provision for hot objects for ICD-9 self infl, asslt, undet. And ICD-9 asslt only incl hot liquid (Assume steam is included). ICD-10 self infl, asslt, undet don't mention hot liquids. Assume they are covered by hot objects.
42	Firearm, Unintentional	E922(.0-.9)	No change	W32-W34	
43	Firearm, Self-Inflicted	E955(.0-.4)	No change	X72-X74	
44	Firearm, Assault	E965(.0-.4)	No change	X93-X95	
45	Firearm, Undetermined	E985(.0-.4)	No change	Y22-Y24	
46	Firearm, Legal interv/war	E970	No change	Y35.0	E970 and Y35.0 are legal intervention. War events are with Other specified, classifiable because Y36.4 is War operations involving firearm discharge and other forms of conventional warfare. E991(.0-.2) are war firearm discharge.
47	Firearm, Total	E922(.0-.9), E955(.0-.4), E965(.0-.4), E985(.0-.4), E970	No change	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0	See Firearm, Legal intervention/war above.
48	Machinery, Unintentional	E919(.0-.9)	No change	W24, W30-W31	
49	All Transport, Unintentional	-----	E800.0-E848	V01.0-V99	
50	All Transport, Self-inflicted	-----	E958.5	X82	E958.6 (crashing of aircraft) is with Oth spec NEC self-infl because in ICD-10 crashing of aircraft is in X83 (other specified means).
51	All Transport, Assault	-----	-----	Y03	E968.5 is ICD-9 CM only. No ICD-9 equivalent.
52	All Transport, Undetermined	-----	E988.5	Y32	E988.6 (crashing of aircraft) is with Oth spec NEC undet because in ICD-10 crashing of aircraft is in Y33 (other specified events).
53	All Transport, Legal interv/war	-----	E994	Y36.1	

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
54	All Transport, Total	-----	E800.0-E848, E958.5, E988.5, E994	V01.0-V99, X82, Y03, Y32, Y36.1	See above.
55	(1) Land transport, Unintentional	-----	E800.0-E829.9, E846	V01.0-V89.9	
56	(2) All MVT, Unintentional	E810.0-E819.9	No change	V02-V04 (.1), V02-V04 (.9), V09.2, V12-V14 (.3-.9), V19 (.4-.6), V20-V28 (.3-.9), V29 (.4-.9), V30-V79 (.4-.9), V80 (.3-.5), V81-V82(.1), V83-V86(.0-.3), V87 (.0-.8), V89.2	Assumptions required: -V02-04 (.9) (pedestr coll w MV) are traffic. -V12-V14 (.3) (collision w MV while boarding or alighting from cycle) are traffic. -V29.8 (motorcycle oth spec) is traffic (PW doesn't agree re V29.8, but leave it here because NCHS did.) -V30-V38 (.4), V40-V48 (.4) ... V70-V78 (.4) (all MV occupant injured while boarding or alighting) are traffic -V39.8, V49.8 ... V79.8 (All MV occupant injured in other specified transport accidents) are traffic -V83-V86 (.4) (Person injured while boarding or alighting special vehicles) are non-traffic
57	(3) MVT-Occupant, Unintentional	E810-E819(.0-.1)	No change	V30-V79 (.4-.9), V83-V86(.0-.3)	
58	(3) MVT-Motorcyclist, Unintentional	E810-E819(.2-.3)	No change	V20-V28 (.3-.9), V29 (.4-.9)	
59	(3) MVT-Pedal Cyclist, Unintentional	E810-E819(.6)	No change	V12-V14 (.3-.9), V19 (.4-.6)	
60	(3) MVT- Pedestrian, Unintentional	E810-E819(.7)	No change	V02-V04 (.1), V02-V04(.9), V09.2	
61	(3) MVT-Other spec, Unintentional	-----	E810-E819(.4-.5), E810-E819(.8)	V80 (.3-.5), V81-V82(.1)	
62	(3) MVT-Unspecified, Unintentional	E810-E819(.9)	No change	V87 (.0-.8), V89.2	
63	(2) Pedal cyclist, Other, Unintentional	E800-E807(.3), E820-E825(.6), E826 (.1, .9), E827-E829(.1)	E800-E807(.3), E820-E825(.6), E826.1, E826.9	V10.0-V11.9, V12-V14 (.0-.2), V15.0-V18.9, V19(.0-.3), V19.8, V19.9	.1 is not a valid 4th digit for E827-E829 (Animal-drawn vehicle accident, Accident involving animal being ridden, Other road vehicle accident). Inclusion of E826.9 (Other road vehicle accidents, unspecified person) assumes that cyclist is most likely of unspecified persons
64	(2) Pedestrian, Other, Unintentional	E800-E807(.2), E820-E825(.7), E826-E829(.0)	No change	V01(.0-.9), V02-V04 (.0), V05.0-V06.9, V09.0, V09.1, V09.3, V09.9	

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
65	(2) Land Transport, Other, Unintentional	-----	E800-E807(.0-.1), E800-E807(.8-.9), E820-E825(.0-.5), E820-E825(.8-.9), E826(.2-.8), E827-E829(.2-.9), E846	V20-V28 (.0-.2), V29-V79 (.0-.3), V80 (.0-.2), V80(.6-.9), V81-V82(.0), V81-V82(.2-.9), V83-V86(.4-.9), V87.9, V88(.0-.9), V89(.0-.1), V89.3, V89.9	E846 (Accidents involving powered vehicles used solely within buildings and premises of an industrial or commercial establishment) moved in from "other spec. classifiable" because there's an equivalent in ICD-10 transport codes (V83 - Occupant of special vehicle mainly used on industrial premises injured in transport accident). Re V89.9 (Person injured in unspecified vehicle accident): Mortality data for 2000-01 probably include many that should be V89.2 (Person injured in unspecified vehicle accident, traffic). STC looking into this.
66	(1) Land transport, Self-inflicted	-----	E958.5	X82	
67	(1) Land transport, Assault	-----	-----	Y03	
68	(1) Land transport, Undetermined	-----	E988.5	Y32	
69	(1) Land transport, Total	-----	E800.0-E829.9, E846, E958.5, E988.5	V01.0-V89.9, X82, Y03, Y32	See above.
70	(1) Other and unspecified transport, Unintentional	-----	E830.0-E838.9, E840.0-E845.9, E847-E848	V90.0-V99	
71	(1) Other and unspecified transport, Self-inflicted	E958.6	-----	-----	E958.6 (crashing of aircraft) moved to Oth spec NEC self-infl because in ICD-10 crashing of aircraft is in X83 (other specified means).
72	(1) Other and unspecified transport, Undetermined	E988.6	-----	-----	E988.6 (crashing of aircraft) is with Oth spec NEC undet because in ICD-10 crashing of aircraft is in Y33 (other specified events).
73	(1) Other and unspecified transport, Legal interv/war	-----	E994	Y36.1	
74	(1) Other and unspecified transport, Total	-----	E830.0-E838.9, E840.0-E845.9, E847-E848, E994	V90.0-V99, Y36.1	See above.
75	Natural/Environmental, Unintentional	E900.0-E909, E928(.0-.2)	E900.0-E903, E904 (.1-.9), E905.0-E909, E928(.0-.2)	W42, W43, W53-W64, W92-W99, X20-X39, X51-X57	E904.0 (neglect, abandonment of helpless persons) is assault in ICD-10 (Y06 - Neglect and abandonment). Classified here under Other specified classifiable, assault.
76	Natural/Environmental, Self-Inflicted	E958.3	-----	-----	E958.3 (extremes of cold) moved to Other specified, NEC, self-inflicted.
77	Natural/Environmental, Undetermined	E988.3	-----	-----	E988.3 (extremes of cold) moved to Other specified, NEC, undetermined.
78	Natural/Environmental, Total	E900.0-E909, E928(.0-.2), E958.3, E988.3	E900.0-E903, E904 (.1-.9), E905.0-E909, E928(.0-.2)	W42, W43, W53-W64, W92-W99, X20-X39, X51-X57	See above.
79	(1) Bites & Stings, Unintentional	E905(.0-.6), E905.9, E906(.0-.4), E906.9	-----	-----	E906.5 removed - ICD-9 CM only. No ICD-10 equivalent.

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
80	Overexertion, Unintentional	E927	No change	X50	
81	Poisoning, Unintentional	E850.0-E869.9	E850.0-E869.9, E924.1	X40-X49	E924.1 (caustics and corrosives) moved from hot object substance to be compatible with ICD-10.
82	Poisoning, Self-inflicted	E950.0-E952.9	No change	X60-X69	
83	Poisoning, Assault	E962(.0-.9)	E961, E962(.0-.9)	X85-X90	Add E961(caustics or corrosives, except poisoning) from hot object/substance to be compatible with ICD-10.
84	Poisoning, Undetermined	E980.0-E982.9	No change	Y10-Y19	
85	Poisoning, Legal interv/war	E972	No change	Y35.2	
86	Poisoning, Total	E850.0-E869.0, E950.0-E952.9, E962(.0-.9), E972, E980.0-E982.9	E850.0-E869.9, E924.1, E950.0-E952.9, E961, E962(.0-.9), E972, E980.0-E982.9	X40-X49, X60-X69, X85-X90, Y10-Y19, Y35.2	See above.
87	Struck by/against, Unintentional	E916, E917(.0-.9)	No change	W20-W22, W50-W52	
88	Struck by/against, Self-Inflicted	-----	-----	X79	
89	Struck by/against, Assault	E960.0, E968.2	No change	Y00, Y04	
90	Struck by/against,Undetermined	-----	-----	Y29	
91	Struck by/against,Legal interv/war	E973, E975	No change	Y35.3	
92	Struck by/against, Total	E916, E917(.0-.9), E960.0, E968.2, E973, E975	No change	W20-W22, W50-W52, X79, Y00, Y04, Y29, Y35.3	
93	Suffocation,Unintentional	E911-E912, E913(.0-.9)	No change	W75-W84	
94	Suffocation,Self-inflicted	E953(.0-.9)	No change	X70	
95	Suffocation,Assault	E963	No change	X91	
96	Suffocation,Undetermined	E983(.0-.9)	No change	Y20	
97	Suffocation,Total	E911-E912, E913(.0-.9), E953(.0-.9), E963, E983(.0-.9)	No change	W75-W84, X70, X91, Y20	
98	Other Specified,Classifiable,Unintentional	E846-E848, E914-E915, 918, E921(.0-.9), E923(.0-.9), E925-E926(.0-.9), E929(.0-.5)	E914-E915, E918, E921(.0-.9), E923(.0-.9), E925.0-E926.9, E929(.0-.5)	W23, W35-W41, W44, W49, W85-W91, Y85(.0-.9)	E846 (Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment) to Land transport other, unint. E847 (Accidents involving cable cars not running on rails) and E848 (Accidents involving other vehicles NEC) moved to Other & unsp. Transport, unint.
99	Other Specified,Classifiable,Self-Inflicted	E955.5, E955.9, E958.0, E958.4	E955.5, E955.9, E958.0	X75, X81	E958.4 (electrocution) moved to Other specified NEC, self-infl.

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100	Other Specified,Classifiable,Assault	E960.1, E965(.5-.9), E967(.0-.9), E968.4	E904.0, E960.1, E965(.5-.9), E967(.0-.9), E968.4	X96, Y02, Y05-Y07.9	Added E904.0 (neglect abandonment) from natural & environmental, unint. Because Neglect and abandonment (Y06) is assault in ICD-10.
101	Other Specified, Classifiable, Undetermined	E985.5, E988.0, E988.4	E985.5, E988.0	Y25, Y31	E988.4 moved (electrocution) moved to Other specified NEC, undet.
102	Other Specified, Classifiable, Legal interv/war	E971, E978, E990-E991(.0-.9) E992-E994, E996, E997(.0-.2)	E971, E978, E991(.0-.9), E992-E993, E996, E997(.0-.2)	Y35.1, Y35.5, Y36.0, Y36.2, Y36(.4-.8)	E990 (fires and conflagrations) moved to fire/hot object/substance, legal/war E994 (destruction of aircraft) moved to Oth and unsp transport legal/war. Y36.4 includes bayonet injuries.
103	Other Specified,Classifiable,Total	E846-E848, E914-E915, E918, E921(.0-.9), E923(.0-.9), E925-E926(.0-.9), E929(.0-.5), E955.5, E955.9, E958.0, E958.4, E960.1, E965(.5-.9), E967(.0-.9), E968.4, E971, E978, E990-E991(.0-.9) E992-E994, E996, E997(.0-.2), E985.5, E988.0, E988.4	E904.0, E914-E915, E918, E921(.0-.9), E923(.0-.9), E925-E926(.0-.9), E929(.0-.5), E955.5, E955.9, E958.0, E960.1, E965(.5-.9), E967(.0-.9), E968.4, E971, E978, E985.5, E988.0 E991(.0-.9), E992-E993, E996, E997(.0-.2),	W23, W35-W41, W44, W49, W85-W91, X75, X81, X96, Y02, Y05-Y07.9, Y25, Y31, Y35.1, Y35.5, Y36.0, Y36.2, Y36(.4-.8), Y85(.0-.9)	See above.
104	Other Specified,NEC,Unintentional	E928.8, E929.8	No change	X58, Y86	
105	Other Specified,NEC,Self-inflicted	E958.8, E959	E958(.3-.4), E958.6, E958.7, E958.8, E959	X83, Y87.0	Codes moved into this category because there is no equivalent in ICD-10: E958.6 (air crash) from all transport self-inflicted; E958.3 (cold) Natural/environmental, self-inflicted; E958.4 (electrocution) moved from Other specified, classifiable, self-inflicted; E958.7 (caustic substances, except poisoning) from hot object/substance.
106	Other Specified,NEC,Assault	E968.8, E969	No change	Y08, Y87.1	

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
107	Other Specified,NEC,Undetermined	E988.8, E989	E988(.3-.4), E988.6, E988.7, E988.8, E989	Y33, Y87.2	Codes moved into this category because there is no equivalent in ICD-10: E988.6 (air crash) from all transport undetermined E988.3 (cold) from Natural/environmental, undetermined E988.4 (electrocution) from Other specified, classifiable, undetermined E988.7 (caustic substances, except poisoning) from hot object/substance, undetermined
108	Other Specified,NEC, Legal inter./War	E977, E995, E997.8, E998-E999	No change	Y35.6, Y89(.0-.1)	E995 includes bayonet injuries.
109	Other Specified,NEC,Total	E928.8, E929.8, E958.8, E959, E968.8, E969, E977, E988.8, E989, E995, E997.8, E998-E999	E928.8, E929.8, E958(.3-.4), E958(.6-.8), E959, E968.8, E969, E977, E988(.3-.4), E988(.6-.8) E989, E995, E997.8, E998-E999	X58, X83, Y08, Y33, Y35.6, Y86, Y87.0, Y87.1, Y87.2, Y89(.0-.1)	See above.
110	Unspecified,Unintentional	E887, E928.9, E929.9	No change	X59(.0-.9)	Implementation date for 4th digits of X59 is Jan 2007
111	Unspecified,Self-inflicted	E958.9	No change	X84	
112	Unspecified,Assault	E968.9	No change	Y09	
113	Unspecified,Undetermined	E988.9	No change	Y34, Y89.9	
114	Unspecified,Legal interv/war	E976, E997.9	No change	Y35.7, Y36.9	
115	Unspecified,Total	E887, E928.9, E929.9, E958.9, E968.9, E976, E988.9, E997.9	No change	X59(.0-.9), X84, Y09, Y34, Y35.7, Y36.9 Y89.9	Implementation date for 4th digits of X59 is Jan 2007 for mortality data and April 2007 for hospitalization data.
116	Adverse Effects	E870.0-E879.9, E930.0-E949.9	No change	Y40.0-Y84.9, Y88(.0-.3)	
117	(1) Adverse effects due to drugs	E930.0-E949.9	No change	Y40.0-Y59.9, Y88.0	
118	(1) Adverse effects due to medical care	E870.0-E879.9	No change	Y60.0-Y84.9, Y88(.1-.3)	Pooled existing LCDC codes 367 (Medical misadventures) & 368 (Abnormal medical reactions).
119	Excessive cold, Unintentional	E901(.0-.9)	-----	-----	PW says this is OK.
120	Excessive natural cold, Unintentional		E901.0, E901(.8-.9)	X31	PW says this is OK.
121	Excessive Cold, Self-inflicted	E958.3	No change	-----	
122	Excessive cold Undetermined	E988.3	No change	-----	

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
123	Bite of/contact with non-venomous animal (excluding arthropod), Unintentional	-----	E906(.0-.3), E906(.8-.9)	W53-W56, W58-W59	
124	Bitten or struck by dog, Unintentional	-----	E906.0	W54	Only bites in ICD-9; both bites and struck by in ICD-10.
125	Bite of non-venomous arthropod (mostly insects), Unintentional	-----	E906.4	W57	
126	Poisoning by/Exposure to medications, Unintentional	E850.0-E858.9	No change	X40-X44	Both include biologicals
127	Poisoning by/Exposure to medications, Self-inflicted	E950 (.0-.5)	No change	X60-X64	ICD-9 definition is suicide and self-infl poisoning by ... ICD-10 definition is intentional self-poisoning & exposure to.
128	Poisoning by medications, Assault	E962.0	No change	X85	For self-infl, aslt, undet, only ICD-10 incl biolgcls
129	Poisoning by/Exposure to medications, Undetermined	E980 (.0-.5)	No change	Y10-Y14	ICD-9 specifies solid or liquid; ICD-10 doesn't.
130	Poisoning by/Exposure to alcohol, Unintentional	E860(.0-.9)	No change	X45	ICD-9 is poisoning by; ICD-10 is poisoning by and exposure to.
131	Poisoning by/Exposure to alcohol, Self-inflicted	-----	-----	X65	
132	Poisoning by/Exposure to alcohol, Undetermined	-----	-----	Y15	
133	Poisoning by car CO, Unintentional	E868.2	No change	-----	
134	Poisoning by car CO, Self-inflicted	E952.0	No change	-----	
135	Poisoning by car CO, Undetermined	E982.0	No change	-----	
136	Poisoning by other and unspecified CO, Unintentional	E868.3, E868(.8-.9)	No change	-----	
137	Poisoning by other CO, Self-inflicted	E952.1	No change	-----	
138	Poisoning by other CO, Undetermined	E982.1	No change	-----	
139	Choking on Food and gastric contents, Unintentional	E911	No change	W78, W79	ICD-9 includes choking on regurgitated food. In ICD-10 choking on gastric contents is a separate code (W78).
140	Choking on food only, Unintentional	----	-----	W79	
141	Choking on other Substance, Unintentional	E912	No change	W80	
142	Hanging , Self-inflicted	E953.0	No change	-----	
143	Suffocation, by plastic bag, Unintentional	E913.1	No change	-----	
144	Suffocation, by plastic bag, Self-inflicted	E953.1	No change	-----	
145	Suffocation, by plastic bag, Undetermined	E983.1	No change	-----	
146	Suffocation in bed or cradle, Unintentional	E913.0	No change	W75	
147	Hanging ex in bed or cradle, Unintentional	E913.8	No change	-----	
148	Hanging, Undetermined	E983.0	No change	-----	
149	Agricultural machinery, Unintentional	E919.0	No change	W30	ICD-10 excludes exposure to electric current. No mention of this in ICD-9.
150	Ignition/melting of clothing/apparel Unintentional	E893(.0-.9)	No change	X05, X06(.0-.9)	
151	Drowning in bathtub, Unintentional	E910.4	No change	W65, W66	
152	Drowning in water transport event, Unintentional	E830(.0-.9), E832(.0-.9)	No change	V90(.0-.9), V92(.0-.9)	
153	Water transport, Unintentional	-----	E830-E838(.0-.9)	V90.0-V94.9	
154	Drowning, include water transport, Unintentional	E830(.0-.9), E832(.0-.9), E910(.0-.9)	No change	V90(.0-.9), V92(.0-.9), W65-W74	
155	Air & Space transport, Unintentional	E840.0-E845.9	No change	V95.0-V97.8	
156	Occupant, off-road vehicle or snowmobile, traffic accident, Unintentional	-----	-----	V86 (.0-.3)	Combines special all-terrain or other MV designed primarily for off-road use and snowmobiles
157	Occupant, off-road vehicle or snowmobile, non-traffic, Unintentional	-----	E820-E821(.0-.1), E820.9, E821.9	V86 (.4-.9)	Combines special all-terrain or other MV designed primarily for off-road use and snowmobiles

Row	Description	Original ICD-9	Modified ICD-9	ICD-10	Comments
158	Snowmobile, non-traffic, Unintentional	E820(.0-.1), E820.9	No change	-----	
159	Oth off-road veh (ATV), non-traffic, Unintentional	E821(.0-.1), E821.9	No change	-----	
160	Conflagration in private home, Unintentional	E890(.0-.9)	No change	X00 plus location variable U98.0 if this can be done Note:currently not possible for Canadian mortality data	Secondary fires resulting from explosions are included in ICD-9 and excluded in ICD-10.
161	Child maltreatment	E967(.0-.9)	No change	-----	
162	Special agricultural vehicle in non-traffic acc, Unintentional	-----	-----	V84(.4-.9)	If needed to make up for "missing" injuries associated with agricultural machinery in ICD-10 (W30).
163	Fall from/involving playground equipment	E884.0	No change	W09	Fall <i>from</i> in ICD-9; Fall <i>involving</i> in ICD-10.

Reference

- Developed by the International Collaborative Effort on Injury Statistics.
Available at <http://www.cdc.gov/nchs/about/otheract/ice/projects.htm#Reporting%20Frameworks>.

Updates and corrections

Sept 16 2004 final version of edit 13

25 Feb 2005 Revised total unintentional and total
assault for New ICD-9

Corrections 24 Apr, 2007

Row 109, Modified ICD-9, added E958.7

Row 136, Orig ICD-9 changed from E938.8 & E938.9 to E868.8 & E868.9

Change to X59 (add 2 subcategories) not
implemented for Canadian data until Jan 2007
because change wasn't in 2006 software from
NCHS

Corrections 23 Apr 2008

Row 103, reordered last few codes in Modified
ICD-9; nothing added or deleted

Row 109, Modified ICD-9, added E988.7