

Supplemental Table 1. International Classification of Disease Classification Codes

Alcohol-related hospital episodes

Prior to 01/04/1996

ICD-9 codes (hospital episodes)	2651 (other and unspecified manifestations of thiamine deficiency); 3039 (alcohol dependence syndrome); 3050 (nondependent abuse of alcohol); 2918 (other specified alcoholic psychoses); 2910 (delirium tremens); 2913 (other alcoholic hallucinosis); 2915 (alcoholic jealousy); 2919 (alcoholic psychoses, unspecified); 2911 (korsakov's psychosis, alcoholic); 2912 (other alcoholic dementia); 3575 (alcoholic polyneuropathy); 4255 (alcoholic cardiomyopathy); 5353 (alcoholic gastritis); 5710 (alcoholic fatty liver); 5711 (acute alcoholic hepatitis); 5712 (alcoholic cirrhosis of liver); 5713 (alcoholic liver damage, unspecified); 7607 (fetus/newborn aff. by noxious influences trans. by placenta/breast milk); 7598 (other specified anomalies); 7903 (excessive blood level of alcohol); 9800 (toxic effect of ethyl alcohol); 9801 (toxic effect of isopropyl alcohol); 9809 (toxic effect of unspecified alcohol); E860 (accidental poisoning by alcohol, not elsewhere classified); V57 (care involving use of rehabilitation procedures); E9473 (adverse effects in therapeutic use of alcohol deterrents); E9509 (suicide and s.i. poisoning by other/unspec. solid and liquid substances); E9809 (poisoning undet. acc./purp. by other/unspec. solid and liquid substances); E8600* (accidental poisoning by alcoholic beverages); E8601* (acc. pois. other/unspec. ethyl alcohol); E8609* (accidental poisoning by unspecified alcohol); E9509* (suicide and s.i. poisoning by other/unspec. solid and liquid substances); 5711 [§] (acute alcoholic hepatitis); 6554 [§] (suspected damage to fetus from other disease in the mother); 2550 [§] (cushing's syndrome); 3594 [§] (toxic myopathy); 5709 [§] (acute and subacute necrosis of liver); 3483 [§] (encephalopathy, unspecified); D3039+A3317 ^a (alcohol dependence syndrome+cerebral degeneration in other diseases classified elsewhere); D3039+A3344 ^a (alcohol dependence syndrome+cerebellar ataxia in disease classified elsewhere).
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01/04/1996 onward

ICD-10 codes (hospital episodes) F10 (Mental & behavioural disorders due to use of alcohol); K70 (Alcoholic liver disease); X45 (Accidental poisoning by and exposure to alcohol); X65 (Intentional self-poisoning by and exposure to alcohol); Y15 (Poisoning by and exposure to alcohol undetermined intent); Y90 (Evidence of alcohol involvement determined by blood alcohol level); Y91 (Evidence of alcohol involvement determined by level intoxication); E244 (alcohol induced Pseudo-Cushing's syndrome); E512 (Wernicke's Encephalopathy); G312 (Degeneration of nervous system due to alcohol); G621 (Alcoholic polyneuropathy); G721 (Alcoholic myopathy); I426 (Alcoholic cardiomyopathy); K292 (Alcoholic gastritis); K860 (Alcohol-induced chronic pancreatitis); O354 (Maternal care for (suspected) damage to foetus from alcohol); P043 (Foetus and newborn affected by maternal use of alcohol); Q860 (Fetal alcohol syndrome (dysmorphic)); R780 (Finding of alcohol in blood); T510 (Toxic effect of ethanol); T511 (Toxic effect of methanol); T519 (Toxic effect of alcohol; unspecified); Y573 (Alcohol deterrents); Z502 (Alcohol rehabilitation); Z714 (Alcohol abuse counselling and surveillance); Z721 (Alcohol Use).

Alcohol-related deaths

Prior to 01/01/2000

ICD-9 codes (deaths -primary cause) 4255 (alcoholic cardiomyopathy); 5710 (alcoholic fatty liver); 5711 (acute alcoholic hepatitis); 5712 (alcoholic cirrhosis of liver); 5713 (alcoholic liver damage; unspecified); 5714 (chronic hepatitis); 5715 (cirrhosis of liver without mention of alcohol); 5718 (other chronic nonalcoholic liver disease); 5719 (unspecified chronic liver disease without mention of alcohol); E860 (accidental poisoning by alcohol; not elsewhere classified); 291 (alcoholic psychoses); 303 (alcohol dependence syndrome); 305 (non-dependent abuse of alcohol).

01/01/2000 onward

ICD-10 codes (deaths-primary cause) F10 (Mental & behavioural disorders due to use of alcohol); K70 (Alcoholic liver disease); K73 (Chronic hepatitis; not elsewhere classified); X45 (Accidental poisoning by and exposure to alcohol); X65 (Intentional self-poisoning by and exposure to alcohol); Y15 (Poisoning by and exposure to alcohol; undetermined intent); G312 (Degeneration of nervous system due to alcohol); G621 (Alcoholic polyneuropathy); I426 (Alcoholic cardiomyopathy);

K292 (Alcoholic gastritis);
K740 (Hepatic fibrosis);
K741 (Hepatic sclerosis);
K742 (Hepatic fibrosis with hepatitic sclerosis); K746 (Other and
unspecified cirrhosis of liver);
K860 (Alcohol induced chronic pancreatitis).

The ICD-codes here follow those used by Information Services Division NHS National Services Scotland and the National Records of Scotland at the time of data acquisition, for alcohol-related hospital episodes and alcohol-related deaths respectively.

Any pair of an *external alcohol code*[§] and *external code*[§] constitutes an alcohol-related episode.

[§]Combination of these codes in consecutive diagnoses listed constitutes an alcohol-related episode.