

# Appendix A: Classification of diseases and injury

Diseases and injury are classified using the Ninth Revision of the World Health Organization's International Classification of Disease (ICD-9). The broad categories of disease used in this report to estimate the health system costs of diseases and injury are defined by the chapters of ICD-9. There are also general categories for fertility control, reproduction and development, cosmetic surgery, general health examination and screening, and treatment and aftercare (disease unspecified) which are grouped together in a final category 'Other'.

The categories used for costing diseases and injury are defined in Table A.1. Where other classifications of disease are encountered (such as the International Classification of Primary Care (ICPC)), these are mapped across to the ICD-9 codes (see Mathers et al. 1998a for details of these mappings). Costs are split between two categories for each disease category, treatment and prevention. For most diseases the ICPC codes do not distinguish between preventive and diagnostic screening. As a result, some disease prevention activities in primary care will be costed in the general prevention category and the general treatment category (in the 'Other' category of Table A1) and will not be included in the costs reported for specific disease groups at the ICD-9 chapter level.

**Table A.1: Classification of diseases and injury at chapter-level of ICD-9, 1993-94**

ICD-9 chapter	Treatment	Prevention
1. Infections and parasitic diseases	001-139, V71.2, V12.0	V01-V07, V18.8, V64.0, V73-V75
2. Cancers	140-239, V58.0, V58.1, V66.1, V66.2, V67.1, V67.2, V71.1, V10, V15.3	V16, V76
3. Endocrine, nutritional, metabolic and immunity disorders	240-279, V12.1, V12.2	V18.0, V18.1, V77
4. Diseases of blood and blood-forming organs	280-289, V12.3	V18.2, V18.3, V78
5. Mental disorders	290-319, V11, V15.4, V40, V65.2, V66.3, V67.3, V71.0	V17.0, V18.4, V79
6. Diseases of the nervous system and sense organs	320-389, V12.4, V41, V43.0, V43.1, V53.0, V53.1, V53.2	V17.2, V19.0-V19.3, V72.0-V72.1, V80
7. Cardiovascular diseases	390-459, V12.5, V15.1, V42.1, V42.2, V43.2, V43.3, V43.4, V45.0, V45.8, V53.3, V71.7	V17.1, V17.3, V17.4, V81.0, V81.1, V81.2
8. Respiratory system diseases	460-519, V12.6	V17.5, V17.6, V81.3, V81.4
9. Digestive system diseases	520-579, V12.7, V53.4, V58.5	V18.5, V72.2
10. Genitourinary system diseases	580-629, V13.0, V13.2 (part), V42.0, V45.1, V56	V18.6, V18.7, V72.3, V81.5, V81.6
11. Complications of pregnancy, childbirth and the puerperium	630-676, V13.1, V13.2 (part)	
12. Skin and subcutaneous tissue diseases	680-709, V13.3	V19.4, V82.0
13. Musculoskeletal system and connective tissue diseases	710-739, V13.4, V13.5, V54	V17.7, V17.8, V82.1, V82.2
14. Congenital anomalies	740-759, V13.6	V19.5, V19.7, V82.3, V82.4
15. Perinatal problems	760-779, V13.7	
16. Symptoms, signs and ill-defined conditions	780-799	
17. Injury and poisoning	E800-E999, V14, V15.0, V15.5, V15.6, V66.4, V67.4, V71.3, V71.4, V71.5, V71.6	V82.5
18. Other contact with health services		
18.1 Fertility control, reproduction, development		V15.7, V20-V28, V30-V39, V45.5, V72.4
18.2 Elective plastic surgery	V50	
18.3 General prevention, screening, health examination		V19.8, V19.6, V60, V61, V62, V65.3, V65.4, V68, V70, V72.5, V72.6, V72.7, V72.8-V72.9, V82.6, V82.8, V82.9
18.4 Treatment and aftercare, unspecified disease	V13.8, V13.9, V15.2, V15.8, V15.9, V42.3-V42.9, V43.5-V43.8, V44, V45.2, V45.3, V45.4, V45.6, V46-V49, V51, V52, V53.5-V53.9, V55, V57, V58.2-V58.4, V58.8, V58.9, V59, V63, V64.1-V64.3, V65.0, V65.1, V65.5, V65.8, V65.9, V66.0, V66.5-V66.9, V67.0, V67.5, V67.6, V67.9, V71.8, V71.9	