

**Electronic Tools Committee of the  
WHO Collaborating Centers for the  
Family of International Classifications**

**Results of the Survey on ICD-10-Related Electronic Tools (2001)**

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## Results of the Survey on ICD-10-Related Electronic Tools

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
1	French Coll Centre	France	STYX	Centre of Epidemiology on Medical Causes of Death	G�rard Pavillon	Automated mortality coding	Styx allows to code the diagnosis reported on the death certificate and to select the underlying cause of death. This system uses the ACME decision tables to select the underlying cause.
2	North American Coll Centre	Canada	CCICD-10	Canadian Institute for Health Information	Canadian Institute for Health Information	Electronic national version of ICD-10 Tabular List and Index; automated morbidity coding; electronic training; production of ICD-10; maintenance of consistency; crosswalks to ICD-9; data validation, aggregation, tabulation or retrieval; dissemination and communication; moving towards replacing the paper product	Searching for codes through the use of query templates; personalization of the infobase through the use of the shadow file; summarize code searches and retain the references
3	Nordic Coll Centre	Sweden	Mikado	Center for Epidemiology Swedish National Board of Health and Welfare	Lars Age Johansson, Statistics Sweden	Automated mortality coding	Assigns multiple cause codes to conditions reported on death certificates (multiple cause coding), performs code modifications according to the ACME input specifications, validates assigned codes against age, sex, and other information on the death certificate (e.g. other condition codes, statement of intent)
4	Office of the ICD	Japan	CD-ROM versions of ICD-DA 3 <sup>rd</sup> ed. ICD-NA 2 <sup>nd</sup> ed. ICD-10-ICD-9- translator	Office of the ICD	WHO (?)	Electronic version of Tabular List; dissemination and communication	Japanese versions of specialty based adaptations and translator for facilitating use of ICD-10 (especially for management of medical information in each medical facility)
5	Via PAHO/ Direcci�n Xeral de Sa�de P�blica, Galicia	Spain	INFOSAÚDE	Direcci�n Xeral de Sa�de P�blica, Galicia [General Direction of Public Health]	LRc Sistemas	Electronic version of Tabular List and Alphabetical Index; data validation, aggregation, tabulation or retrieval; dissemination and communication	Data entry, quality control, analysis, information output

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
6	Via PAHO/ Centro Cubano de la Clasificación de Enfermedades	Cuba	Sistema Automatizado de Mortalidad [Automated Mortality System]	Centro de Desarrollo de la Informática de Salud Pública [Center for Development of Public Health Informatics]	Center for Development of Public Health Informatics	Data validation, aggregation, tabulation or retrieval; dissemination and communication	The program is designed to capture each certificate of death (at the Province level), registering the variables pertinent to the decedent. Data checks/validation start at entry-level, checking for probable and absolute errors as determined on a list, by combining variables. Files registered are submitted monthly to the national level, where a version of the program collects the most useful variables (at the national level) to form a national database. The system allows table production, either by prior design or customized according to the user's needs.
7	Via PAHO/ Ministerio de Salud	Chile	No specific name	Ministerio de Salud [Ministry of Health]	Dra Danuta Rajas	Electronic national version of Tabular List; production of Tabular List; maintenance of consistency; data validation, aggregation, tabulation or retrieval; dissemination and communication	Data entry, checking and validation; production of tables by cause of death; validation of record consistency
8	Via PAHO/ Instituto Nacional de Estadística Geografía e Informática	Mexico	IMPS/Version 3.1	Buro de Censos de los E.E.U.N. [Bureau of the Census]	Bureau of the Census	Electronic national version of Tabular List; production of national version of Tabular List; maintenance of consistency; data validation, aggregation, tabulation or retrieval; dissemination and communication	Entry and validation, generation of tables and frequencies

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
9	Via PAHO/ Instituto Mexicano del Seguro Social (IMSS)	Mexico	Sistema de Información Médico Operativo (SIMO) [Medical Operating Information System]	IMSS, División de Informática Médica y Desarrollo de la Coordinación de Atención Médica [Division of Medical Informatics and Development of Medical Attention Coordination]	Technical: Informatics Normative: Div of Medical Informatics and Development of Medical Attention Coordination	Data validation, aggregation, tabulation or retrieval	Through data entry screens it is possible to collect diagnosis information from external consultations and hospitalizations, coding the diagnoses or reasons for request of services to ICD-10. The system has validation checks for the codes according to age and gender, as necessary. The system enables for collection of information through all (100%) medical units of the institute.
10	Via PAHO/ Instituto Mexicano del Seguro Social (IMSS)	Mexico	Subsystem 13 of SIMO, Hospital discharges	IMSS, División de Desarrollo Institucional en Sistemas de la Coordinación de Presupuesto, Contabilidad y Evaluación Financiera [Div for Institutional Development for systems of Budget, Accounting and Financial Evaluation Coordination]	Technical: Informatics Normative: Div of Medical Informatics and Div for Institutional Development for systems of Budget, Accounting and Financial Evaluation Coordination	Data validation, aggregation, tabulation or retrieval	Subsystem 13 of the "Unique information System" (SUJ) allows for national and district level collection of hospital discharges, discharges due to deaths, and surgical procedures. Original data is obtained from the Medical Operating Information System (SIMO) and through a process of district integration, files are generated that are transmitted to a central level where the final collection is done. Electronic or hardcopy reports are generated relating ICD-10 codes to different age groups. The subsystem is of national scope.

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
11	Via PAHO/ Instituto Mexicano del Seguro Social (IMSS)	Mexico	Subsystem 27 of SIMO, Reasons for request of external consultation	IMSS, División de Desarrollo Institucional en Sistemas de la Coordinación de Presupuesto, Contabilidad y Evaluación Financiera [Div for Institutional Development for systems of Budget, Accounting and Financial Evaluation Coordination]	Technical: Informatics Normative: Div of Medical Informatics and Div for Institutional Development for systems of Budget, Accounting and Financial Evaluation Coordination	Data validation, aggregation, tabulation or retrieval	Subsystem 27 of the "Unique information System" (SUJ) allows for national and district level collection of the reasons for requesting external consultations per service. Original data is obtained from the Medical Operating Information System (SIMO) and through a process of district integration, files are generated that are transmitted to a central level where the final collection is done. Electronic or hardcopy reports are generated relating ICD-10 codes to different age groups. The subsystem is of national scope.
12	Via PAHO/ Instituto Mexicano del Seguro Social (IMSS)	Mexico	Sistema de Medicina Familiar Siglo XXI [21 <sup>st</sup> Century Family Medicine System]	IMSS, División de Informatica Médica y Desarrollo de la Coordinación de Atención Médica [Division of Medical Informatics and Development of Medical Attention Coordination]	Technical: SoftTek S.A. Normative: Div of Medical Informatics and Development of Medical Attention Coordination	Data validation, aggregation, tabulation or retrieval; electronic filing	The physician can enter diagnosis information corresponding to services provided to the patient. Through a screen, the physician may choose from a menu the services that were provided (thus automatically coding to ICD-10), or he/she may narrate the diagnoses/reasons for visit (which implies a posterior process of coding and data entry into the system). This system is available in 6 primary care facilities.

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
13	Via PAHO/ Instituto Mexicano del Seguro Social (IMSS)	Mexico	Sistema de Administración Hospitalaria Siglo XXI [21 <sup>st</sup> Century Hospital Management System]	IMSS, División de Informática Médica y Desarrollo de la Coordinación de Atención Médica [Division of Medical Informatics and Development of Medical Attention Coordination]	Technical: Intecom S.A. Normative: Div of Medical Informatics and Development of Medical Attention Coordination	Data validation, aggregation, tabulation or retrieval; medical record	The physician can enter diagnoses information corresponding to services provided to the patient. Through a screen, the physician may choose from a menu the services that were provided (thus automatically coding to ICD-10), or he/she may narrate the diagnoses/reasons for visit (which implies a posterior process of coding and data entry into the system). This system operates in 3 hospitals.
14	DIMDI	Germany	SGML based Production System for Medical Classifications	German Institute for Medical Documentation and Information (DIMDI)	Michael Schopen	Production of both national version and clinical modification of ICD-10 Tabular List and Alphabetical Index; Electronic version of Tabular List and Index; maintenance of consistency	The system consists of an SGML based editor and a suite of programs for the maintenance of classification consistency and for transformation from SGML into several target formats (ASCII text, RTF, HTML).
15	Australian Coll Centre/ National Centre for Classification in Health	Australia	Australian Coding Benchmark Audit ACBA <sup>TM</sup> <sub>2000</sub>	National Centre for Classification in Health (NCCH)	NCCH	Data validation, aggregation, tabulation or retrieval	ACBA <sup>TM</sup> <sub>2000</sub> provides a mechanism to assess quality of coded morbidity data. ACBA <sup>TM</sup> <sub>2000</sub> is a coding audit method that involves re-coding a sample of hospital-admitted patient episodes and uniformly recording results. ACBA <sup>TM</sup> <sub>2000</sub> <ul style="list-style-type: none"> <li>identifies errors in coding practice</li> <li>identifies the causes as system or coder errors</li> <li>compares results across facilities and time</li> <li>extrapolates results to casemix environments</li> <li>identifies improvement strategies using coder feedback mechanisms</li> <li>automates results reporting</li> </ul>

No	Center/ Institution	Country	Name of Product	Owner	Developer/Author	Purpose	Brief Description
16	Australian Coll Centre/ National Centre for Classification in Health	Australia	ICD-10-AM Browser	National Centre for Classification in Health (NCCH)	NCCH	Electronic version of Tabular List and Index for national version and clinical modification	Presents the classification in a compact electronic format. All data is searchable and linked.
17	Australian Coll Centre/ National Centre for Classification in Health	Australia	Performance Indicators for Coding Quality (PICQ) <sup>TM</sup> <sub>2000</sub>	National Centre for Classification in Health (NCCH)	NCCH	Data validation, aggregation, tabulation or retrieval	PICQ <sup>TM</sup> <sub>2000</sub> is a set of predetermined performance indicators which identify coding variation in a defined dataset. When coding variations are identified the causes may be investigated and corrective action taken. The indicators are designed to serve as measures of aspects of coding quality. They are expressed in a standard format so outcomes can be compared across facilities and time.

No	Country	Name of Product	Target Audience	Language of User Interface	Language of Data	Copyright	Translation Rights	Pre-requisite for Use
1	France	STYX	Coders	French	French	No	Yes	To know ICD-10 mortality coding
2	Canada	CCICD-10	Coders; clinicians; statisticians; health information analysts; health planners and managers; software developer	French; English	French; English; part of system is language independent	Yes	No, provision in place at this time	Training in navigation and functionality of the infobase is required
3	Sweden	Mikado	Coders	Swedish	Swedish; Latin	No	Yes; as decided by the National Board of Health and Welfare	Intended for experienced mortality coders
4	Japan	CD-ROM versions of ICD-DA 3 <sup>rd</sup> ed. ICD-NA 2 <sup>nd</sup> ed. ICD-10-ICD-9-translator	Coders; clinicians; statisticians; health information analysts	Japanese	N/A	Yes	No	Basic knowledge and experience in ICD
5	Spain	INFOSAÚDE	Coders; statisticians	Gallician	Gallician, part of system is language independent	Yes	Possibly	Technical skills, public health background
6	Cuba	Sistema Automatizado de Mortalidad	Clinicians; medical and paramedical students; statisticians; health information analysts; health planners; high-level decision makers; collaboration with international organizations	Spanish	Language independent	Yes	Yes, request must be made to producer; cost represent 10 % of the products price	Basic computing knowledge plus knowledge of the mortality statistical system
7	Chile	No specific name	Statisticians	Spanish	Spanish	No	No	Basic electronic data processing knowledge, experience with Epi-Info 604c, ICD-10, other spreadsheet or database management systems
8	Mexico	IMPS/Version 3.1	N/A	English	N/A	Yes	N/A	Programming knowledge
9	Mexico	Sistema de Información Médico Operativo (SIMO)	Coders, clinicians, statisticians, health planners	Spanish	N/A	Yes	No	Basic PC knowledge plus user manual

No	Country	Name of Product	Target Audience	Language of User Interface	Language of Data	Copyright	Translation Rights	Pre-requisite for Use
10	Mexico	Subsystem 13 of SIMO, Hospital discharges	Statisticians, health information analysts, health planners, high-level decision makers	Spanish	N/A	Yes	N/A	Knowledge of TSO (Time Sharing Operation) and JCL (Job Control Language)
11	Mexico	Subsystem 27 of SIMO, Reasons for Request of External consultation	Statisticians, health information analysts, health planners, high-level decision makers	Spanish	N/A	Yes	N/A	Knowledge of TSO (Time Sharing Operation) and JCL (Job Control Language)
12	Mexico	Sistema de Medicina Familiar Siglo XXI	Coders, clinicians, statisticians, health planners	Spanish	N/A	Yes	No	Basic PC knowledge plus user manual
13	Mexico	Sistema de Administración Hospitalaria Siglo XXI	Coders, clinicians, medical students, statisticians, health planners	Spanish	N/A	Yes	N/A	Basic PC knowledge plus user manual
14	Germany	SGML based Production System for Medical Classifications	Others: classification development and maintenance staff	No user interface	Part of the system is language independent, part depends on German language	Yes	Yes, request to DIMDI	Thorough knowledge of the SGML standard and of the Balise programming language, programming experience
15	Australia	Australian Coding Benchmark Audit ACBA <sup>TM</sup> <sub>2000</sub>	Coders; clinicians; statisticians; health information analysts; health planners; health insurers; health services funding bodies	English	English	Yes	Expressions of interest are welcome	User guide. Customised training courses are available from the NCCCH, is required. There are no pre-requisites, but familiarity with health data and auditing practices would be helpful.
16	Australia	ICD-10-AM Browser	Coders; clinicians; statisticians; health information analysts; health planners	English	English	Yes	Applications can be made to NCCCH	Yes, target audience or those with prior knowledge of health classification systems
17	Australia	Performance Indicators for Coding Quality <sup>TM</sup> (PICQ) <sub>2000</sub>	Coders; clinicians; health information analysts; health planners	English	English	Yes	Expressions of interest are welcome	Yes, see target audience

No	Country	Name of Product	Hardware Requirements	Software Requirements	Availability to public	Licence
1	France	STYX	PC 64MB Ram 1 GB Hard Disk	Windows 9x or NT MS Access	From author or Coll Center	Not at all
2	Canada	CCICD-10	Pentium PC or compatible; 32 MB RAM; VGA or higher (SVGA 256 recommended); 40 MB hard disk	Windows 95/98 NT 3.51 or later Novell Netware 3.0 or later	From author	Yes \$375 Canadian
3	Sweden	Mikado	Pentium PC or higher; 120 MB hard disk	DOS or Windows with DOS window; Paradox v4.5 database system for DOS	No	Not at all
4	Japan	CD-ROM versions of ICD-DA 3 <sup>rd</sup> ed. ICD-NA 2 <sup>nd</sup> ed. ICD-10-ICD-9- translator	None	Windows 98 or higher	From Office of the ICD or by a company	Yes, about \$40
5	Spain	INFOSAÚDE	Server: PC with Pentium 500, 128 MB Ram, 10 GB hard disk Client: PC with Pentium 100 or higher, 16 MB Ram, Windows 95 or higher	Windows 2000 Server, MS SQL Server 7.0 with SP 2, Seagate Crystal Report 7	No	Not for Coll Centers
6	Cuba	Sistema Automatizado de Mortalidad	PC, 16 MB Ram, printer, mouse, modem	Windows 95 or higher, FoxPro 2.6 for Windows, e-mail software	From the author	Yes, USD 7000
7	Chile	No specific name	IBM-compatible PC, 486 or higher, 32 MB RAM	MS-DOS 6.2 or Windows 3.11	From the author	Not at all
8	Mexico	IMPS/Version 3.1	PC 386 or higher	Cobol	On the Internet	Not at all
9	Mexico	Sistema de Información Médico Operativo (SIMO)	Pentium I PC with 1 MB expanded memory	MS-DOS 6.0, FoxBase 2.10, FoxPRUN	No	Yes
10	Mexico	Subsystem 13 of SIMO, Hospital discharges	IBM 9672 mainframe and terminals	OS90	No	N/A
11	Mexico	Subsystem 27 of SIMO, Reasons for Request of External consultation	IBM 9672 mainframe and terminals	OS90	No	N/A
12	Mexico	Sistema de Medicina Familiar Siglo XXI	Server, clients, network	Novell, Microstep	No	Yes
13	Mexico	Sistema de Administración Hospitalaria Siglo XXI	HP server, clients, network	Unix, TCP/IP, Informix	No	Yes
14	Germany	SGML based Production System for Medical Classifications	IBM PC 256 MB RAM, 4 GB hard disk	Windows 95 or higher, Windows NT, Unix instead of Windows should be possible	From the author, only for collaboration	Not necessary

No	Country	Name of Product	Hardware Requirements	Software Requirements	Availability to public	Licence
15	Australia	Australian Coding Benchmark Audit ACBA <sup>TM</sup> <sub>2000</sub>	486 PC or better	None	Through distribution centre and from the author	Single user \$AUD200 5-10 users \$AUD900 11-20 users \$AUD1,800 21+ users \$AUD4,000
16	Australia	ICD-10-AM Browser	CD-ROM or e-mail or network version	None	Through distribution centre and from the author	Yes, \$AUD110
17	Australia	Performance Indicators for Coding Quality (PICQ) <sup>TM</sup> <sub>2000</sub>	PC, 166 MHz, 32 MB RAM, CD-ROM	MS-Access 97 or 2000	Through distribution centre and from the author	Single user \$AUD660 5-10 users \$AUD3,080 11-20 users \$AUD6,600 21+ users \$AUD13,200

No	Country	Name of Product	Updates	Update Mechanism	Person completing questionnaire	Contact
1	France	STYX	Yes	New version is sent by the producer	G�rard Pavillon	pavillon@vesinet.inserm.fr
2	Canada	CCICD-10	Yes	Revisions of the tool every 2 years will include WHO updates	Helen Whitton	hwittome@cih.ca
3	Sweden	Mikado	Yes	The dictionary tables are updated at regular intervals. The records must be updated interactively by someone who is familiar with the Mikado dictionary syntax.	Lars Age Johansson	lars.age@scb.se or westwood@swipnet.se
4	Japan	CD-ROM versions of ICD-DA 3 <sup>rd</sup> ed. ICD-NA 2 <sup>nd</sup> ed. ICD-10-ICD-9-translator	No	There is no plan to upgrade 3 and 4 character categories. We will use tools based on ICD-10-1990 for a while because frequent updates disturb comparability of statistics	Tsuyoshi Saito	saito-tsuyoshigo@mhlw.go.jp
5	Spain	INFOSAÚDE	Yes	Updates to code lists, listings of warnings and errors	Sara Cerdeira Caram�s	sara.cerdeira.carames@sergas.es
6	Cuba	Sistema Automatizado de Mortalidad	Yes	Modifications to cause-coding given national or international decisions	Dra Maria Esther Alvarez Lauzarique	mesther@mspdne.sld.cu
7	Chile	No specific name	No	List of ICD-10 codes is updated if necessary	Dra Danuta Rajs Grzebiec	draj@minsal.gov.cl
8	Mexico	IMPS/Version 3.1	No		Act. Antonio Escobedo Aguirre	aescobed@dge.inegi.gob.mx
9	Mexico	Sistema de Informaci�n M�dico Operativo (SIMO)	Yes	Changes to ICD-10 imply updates of catalogues and dictionaries	Dr Hilario Fierro Hern�ndez	dpmcooam@imssgob.mx
10	Mexico	Subsystem 13 of SIMO, Hospital discharges	Yes	Changes to ICD-10 imply updates of catalogues and dictionaries	Dr Hilario Fierro Hern�ndez	dpmcooam@imssgob.mx
11	Mexico	Subsystem 27 of SIMO, Reasons for Request of External consultation	Yes	Changes to ICD-10 imply updates of catalogues and dictionaries	Dr Hilario Fierro Hern�ndez	dpmcooam@imssgob.mx
12	Mexico	Sistema de Medicina Familiar Siglo XXI	Yes	Changes to ICD-10 imply updates of catalogues and dictionaries	Dr Hilario Fierro Hern�ndez	dpmcooam@imssgob.mx
13	Mexico	Sistema de Administraci�n Hospitalaria Siglo XXI	Yes	Changes to ICD-10 imply updates of catalogues and dictionaries	Dr Hilario Fierro Hern�ndez	dpmcooam@imssgob.mx
14	Germany	SGML based Production System for Medical Classifications	Yes	The system is under constant development and updates to the programs can be requested from the author.	Dr Michael Schopen	schopen@dimdi.de
15	Australia	Australian Coding Benchmark Audit ACBA <sup>TM</sup> <sub>2000</sub>	Yes	Notification of ACBA results to NCCCH is optional but will provide the basis of national benchmark data. Hospital identity will not be disclosed in the benchmarking process.	Ann Jones Donna Truran	ann.jones@cchs.usyd.edu.au d.truran@cchs.usyd.edu.au

No	Country	Name of Product	Updates	Update Mechanism	Person completing questionnaire	Contact
16	Australia	ICD-10-AM Browser	Yes	Errata are incorporated for new subscribers. Subscribers receive electronic files errata for incorporation as they are produced. The tool will be revised and released as new editions of ICD-10-AM are produced biennially.	Ann Jones Donna Truran	ann.jones@cchs.usyd.edu.au d.truran@cchs.usyd.edu.au
17	Australia	Performance Indicators for Coding Quality (PICQ)	Yes	New indicators will be added to reflect enhancements in the classification	Ann Jones Donna Truran	ann.jones@cchs.usyd.edu.au d.truran@cchs.usyd.edu.au

## Appendix

### *Questionnaire on ICD-10 Related Electronic Tools*

The Electronic Tools Committee requests that each Collaborating Centre please complete the following questionnaire on the availability of electronic tools related to ICD-10. The results of this inventory will be presented at the annual meeting of the Heads of the WHO Collaborating Centres for the Family of International Health Classifications in October 2001. Thank you.

For the purpose of this questionnaire the Electronic Tools Committee agreed on the following definition of an electronic tool:

*"Software for production, maintenance, and application of ICD or for processing and evaluation of data coded with ICD. Electronic tools can be based on standard software, but need some extra functionality."*

Please complete one copy of this questionnaire for **each** ICD-10 related electronic tool (including those for National versions or clinical modifications of ICD) known to, or used by, your Collaborating Centre and return it by e-mail, mail or fax no later than August 17, 2001 to

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E-mail address: schopen@dimdi.de

**Name of Collaborating Centre** \_\_\_\_\_

**Person/people completing the questionnaire:**

**Name/s:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Post/Job Position:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Telephone no:** \_\_\_\_\_

**Fax no:** \_\_\_\_\_

**E-mail address:** \_\_\_\_\_

\_\_\_\_\_  
**Signature** (if not sent electronically)

\_\_\_\_\_  
**Date** (dd/mm/yy)



**Part I – please fill in for each tool –**

**Name of electronic tool** (if available) (use separate sheets for each product):

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**Who owns the tool?** (name and contact details) \_\_\_\_\_

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**Who is the author/developer of the tool?** (if different from owner) (name and contact details)

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**1. Purpose of tool** (please tick all that apply):

\_\_\_\_\_ Electronic version of ICD-10 (please specify if for national version (NV) or clinical modification (CM) where indicated)

\_\_\_\_\_ Tabular List                      \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Index                              \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Automated coding

\_\_\_\_\_ Mortality

\_\_\_\_\_ Morbidity                      \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Electronic training tool                      \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Production of ICD-10

\_\_\_\_\_ Tabular List                              \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Index                              \_\_\_\_\_ NV                      \_\_\_\_\_ CM

\_\_\_\_\_ Maintenance of classification consistency

\_\_\_\_\_ Crosswalks (please specify between which classifications)

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\_\_\_\_\_ Mapping to other vocabularies (please specify these vocabularies)

\_\_\_\_\_

\_\_\_\_\_ Data validation, aggregation, tabulation, or retrieval

\_\_\_\_\_ Dissemination and communication

\_\_\_\_\_ Other (please specify) \_\_\_\_\_

**2. Brief description of functionality (fill in if necessary to understand purpose)**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Part II – please fill in only for tools that are owned by your institution –**

**3. Target audience** (please tick all that apply)

- Coders
  - Clinicians/doctors
  - Medical students
  - Paramedical students
  - Statisticians/epidemiologists
  - Health information analysts
  - Health planners and managers
  - High-level decision makers
  - Software developer
  - Others (please specify) \_\_\_\_\_
- 
- 

**4. What language/s is the user interface available in (e.g. English, French)?** \_\_\_\_\_

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**5. Which language(s) data does the tool process (e.g. a coding tool might process only input in English)?**

- Language independent (e.g. tools, which process ICD codes)
- 
- (Please specify languages)

**6. Is there a copyright on the tool?**

- No
- Yes

**7. Is it possible to obtain translation rights?**

- No
  - Yes (please describe the procedure involved, cost, etc.) \_\_\_\_\_
- 
-

**8. Are there any pre-requisites (e.g. for minimum educational level, experience in data processing, etc.) required for using this tool?**

No

Yes (please describe) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**9. Hardware requirements for the installation of this tool?**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**10. Software requirements for using this tool (e.g. operating system, standard software or other off-the-shelf packages)?**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**11. Is this tool available to the public?**

No

Yes (please tick all that apply)

public domain

through a distribution centre

on the internet

from the author/producer

from the Collaborating Centre

other (please specify) \_\_\_\_\_

**12. Is it necessary to obtain a licence to use the tool?**

Not at all

Not for Collaborating Centres

Yes (please specify amount and currency) \_\_\_\_\_

**13. Are there provisions/mechanisms for updating the tool to reflect changes in ICD-10?**

\_\_\_\_\_ No

\_\_\_\_\_ Yes (please describe provisions/mechanisms as completely as possible)

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