



## Country indicators

Population (000s)*	14'539	Life expectancy at birth (years) <sup>a</sup>	57	World Bank income group <sup>β</sup>	Lower-middle
Internet users (%) <sup>γ</sup>	15.4%	Per capita total health expenditure (PPP Int \$) <sup>δ</sup>	112	GNI per capita (US\$) <sup>ε</sup>	1'810



## National policy on health technology

Health technology (medical device) national policy: No

Web site: —

Language(s): —

MOH responsible for health technology policy implementation: Medical Equipment Unit



## Regulatory agency

Authority responsible for implementing and enforcing regulations in your country: Yes

Name of principal institution: Ministry of Health-Directorate of Clinical Care and Diagnostic services-Medical Equipment Unit

Web site: <http://www.moh.gov.zm>

Contact: Dr Zuma Munkombwe

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## National health technology assessment unit

Unit/department: —

Web site: —

Contact: —

Email: —



## National health technology management units

National health technology unit(s): Yes

### DEVELOPMENT OF TECHNICAL SPECIFICATIONS FOR PROCUREMENT PROCESS:

Unit/department: Medical Equipment Unit

Web site: —

Contact: —

E mail: —

**OTHER:** Planning of medical equipment/maintenance/management/development of technical specifications/application/user training

Unit/department: Medical Equipment Unit

Web site: —

Contact: —

Email: —

**OTHER:** —

Unit/department: —

Web site: —

Contact: —

Email: —



## Medical device nomenclature system

Official nomenclature system for medical devices: Yes **Type:** Based on UMDNS (Universal Medical Device Nomenclature System) **Use:** For regulatory purposes and procurement

Nomenclature system name: Standard Equipment List for Health Facilities **Web site:** —



## Medical device incorporation

### PROCUREMENT

Policy or guideline: Yes

Web site: [http://www.mofnp.gov.zm/index.php?option=com\\_content&task=view&id=98&Itemid=120](http://www.mofnp.gov.zm/index.php?option=com_content&task=view&id=98&Itemid=120)

National level procurement: Yes

Web site: <http://www.tenderboard.gov.zm>

### DONATIONS

Policy or guideline: Yes

Web site: —

### TECHNICAL SPECIFICATIONS

Technical specifications to support procurement or donations: Yes

Web site: —

### Medical device incorporation comments<sup>Δ</sup>:

This is in reference to guidelines on procurement, on donations, replacement of equipment at end of lifespan. The Ministry of Health Procures under Mandate from ZPPA, the Ministry of Health develops the list, quantities and specifications. Public Procurement Authority sets the framework for the procurement mostly International Competitive Bidding. These are provided by the Medical equipment Unit but the developed SEL for the District facilities have specifications as well which are part of the planning documents used by the facilities for planning.



## Inventory and maintenance

Type of inventories available: National inventory for medical equipment

Comments: The national data bank for equipment is in its infancy as regards development the data was collected three years ago during a project that was funded by JICA. We are currently upgrading this data this year. The information captured includes: Equipment Description, Model, Maker, Serial Number, Location, Functional Status, Age of Equipment. There are however hard copies at facility level which maintenance nits use. This needs to be computerised and accessible from anywhere which is not the case now.

Medical equipment management unit: Yes

National level = 1

Regional level = 9

Hospital level = 20

Management software: No

Software and comments<sup>λ</sup>: We have no software for equipment management but have tried ECRI and another soft ware developed by a colleague in Holland.



## Lists of medical devices

### LISTS OF APPROVED MEDICAL DEVICES FOR PUBLIC PROCUREMENT OR REIMBURSEMENT:

Lists comments<sup>λ</sup>:

Lists available: Yes, but it is only a recommendation

Unit: Minsitry of Health, Directorate of Clinical Care and Diagnostic Services-Medical Equipment Unit

Web site: —

The MoH has developed Standard Equipement Lists (SEL) for District facilities (Health Posts, Health Centres and Level One Hospitals) the SEL for the other levels is not yet developed because the Basic health Care Package which is the blueprint for health service delivery In Zambia has not been develope for thos levels.

### NATIONAL LISTS OF MEDICAL DEVICES FOR DIFFERENT TYPES OF HEALTHCARE FACILITIES

OR SPECIFIC PROCEDURES: Lists available: For different healthcare facilities and specific procedures

Web site - facilities: —

Web site - procedures: —

### NATIONAL LIST FOR DISEASES AND SITUATIONS:

Lists available: No list available

Web site: —

Types:	Communicable diseases	Non-communicable diseases	Injuries	Public health emergency situations
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## Healthcare facility

Healthcare facility	Public sector	Private sector	Total	Density per 100,000 population
Health post	161	10	171	1.176
Health centre	1'136	75	1211	8.330
District hospital	39	4	43	0.296
Provincial hospital	13	5	18	0.124
Regional hospital	5	n/a	5	0.034



## Medical equipment

Medical equipment	Public sector	Private sector	Total	Density per 1,000,000 population
Magnetic Resonance Imaging	1	0	1	0.069
Computerized Tomography Scanner	2	1	3	0.206
Positron Emission Tomography Scanner	0	0	0	0.000
Nuclear medicine	1	0	1	0.069
Mammograph*	1	1	2	4.562
Linear accelerator	1	0	1	0.069
Telecobalt unit (Cobalt-60)	1	0	1	0.069
Radiotherapy	2	0	2	0.138

\* Density per 1,000,000 females aged from 50-69 old.

## Additional information and comments<sup>λ</sup>:

WHO used to run training programs for maintenance technicians but stopped long ago, this has affected this field. There is need for WHO to come in strongly in support of maintenance of Medical equipment...



## Contacts

### FOCAL POINT

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### WHO representative:

Name: Dr Jacob Mufunda

Email: mufundaj@who.int

### WHO health products focal point:

Name: Mr. Billy Mweetwa

Email: mweetwab@zm.afro.who.int

\* UNPD as of 1 July 2012 (2013 update)

α WHO 2012 data

β WB 2014 classification

γ WB 2013 data (2014 update)

δ WHO 2012 data

ε WB 2013 (2014 update)

n/a not applicable

λ The full text can be found at [www.who.int/medical\\_devices/countries/full\\_text.xls](http://www.who.int/medical_devices/countries/full_text.xls)

[http://www.who.int/medical\\_devices](http://www.who.int/medical_devices)