Zambia

Country indicators

<table>
<thead>
<tr>
<th>Population (000s)</th>
<th>14'539</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet users (%)</td>
<td>15.4%</td>
</tr>
</tbody>
</table>

Life expectancy at birth (years) | 57 |
Per capita total health expenditure (PPP Int $) | 112 |
World Bank income group | Lower-middle |
GNI per capita (US$) | 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
Telephone number: —
Email: zmunkombwe@pra.gov.zm

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: —
Email: —

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
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:
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 and Health.
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 units use. This needs to be computerised and accessible from anywhere which is not the case now.

Medical equipment management unit: Yes
Management software: No
Software and comments*: We have no software for equipment management but have tried ECRI and another software developed by a colleague in Holland.

Lists of medical devices

Lists of approved medical devices for public procurement or reimbursement:
Lists available: Yes, but it is only a recommendation
Unit: Ministry of Health, Directorate of Clinical Care and Diagnostic Services-Medical Equipment Unit
Web site: —

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: —

Healthcare facility

<table>
<thead>
<tr>
<th>Healthcare facility</th>
<th>Public sector</th>
<th>Private sector</th>
<th>Total</th>
<th>Density per 100,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health post</td>
<td>161</td>
<td>10</td>
<td>171</td>
<td>1.176</td>
</tr>
<tr>
<td>Health centre</td>
<td>1136</td>
<td>75</td>
<td>1211</td>
<td>8.330</td>
</tr>
<tr>
<td>District hospital</td>
<td>39</td>
<td>4</td>
<td>43</td>
<td>0.296</td>
</tr>
<tr>
<td>Provincial hospital</td>
<td>13</td>
<td>5</td>
<td>18</td>
<td>0.124</td>
</tr>
<tr>
<td>Regional hospital</td>
<td>5</td>
<td>n/a</td>
<td>5</td>
<td>0.034</td>
</tr>
</tbody>
</table>

Medical equipment

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

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

Additional information and comments*:
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

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Name: Fales Mwamba
Position title: Medical Equipment Specialist
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Email: Mwamba@moh.gov.zm

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

Postal address: P.O. Box 50055, Ridgeway, 15102, Lusaka.

© UNPD as of 1 July 2012 (2013 update)
WHO 2012 data
WB 2014 classification
WB 2013 (2014 update)
n/a not applicable
The full text can be found at www.who.int/medical_devices/countries/full_text.xls

http://www.who.int/medical_devices