### Nicaragua

#### Country indicators

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population (000s)</td>
<td>6'080</td>
</tr>
<tr>
<td>Internet users (%)</td>
<td>15.5%</td>
</tr>
<tr>
<td>Life expectancy at birth (years)</td>
<td>73</td>
</tr>
<tr>
<td>Per capita total health expenditure (PPP Int $)</td>
<td>335</td>
</tr>
<tr>
<td>World Bank income group</td>
<td>Lower-middle</td>
</tr>
<tr>
<td>GNI per capita (US$)</td>
<td>1'790</td>
</tr>
</tbody>
</table>

#### National policy on health technology

**Health technology (medical device) national policy:** No

**Web site:** —

**Language(s):** —

**MOH responsible for health technology policy implementation:** —

#### Regulatory agency

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

**Name of principal institution:** Dirección General de Regulación Sanitaria

**Web site:** [http://www.minsa.gob.ni](http://www.minsa.gob.ni)

**Contact:** Lic Luz María Torrez / Telephone number: (+505) 22894839

**Email:** dgrs@minsa.gob.ni

#### National health technology assessment unit

**Unit/department:** Dirección General de Extensión y Calidad en la Atención

**Web site:** [http://www.minsa.gob.ni](http://www.minsa.gob.ni)

**Contact:** Dr Leopoldo Espinoza

**Email:** astecnico@minsa.gob.ni

#### National health technology management units

**National health technology unit(s):** Yes

**Development of technical specifications for procurement process:**

**Unit/department:** Dirección de Infraestructura y Desarrollo Tecnológico

**Web site:** [http://www.minsa.gob.ni](http://www.minsa.gob.ni)

**Contact:** Ing. Iván Morales Peralta

**Email:** didt@minsa.gob.ni

**Other:** HTA

**Unit/department:** Dirección General de Regulación Sanitaria

**Web site:** [http://www.minsa.gob.ni](http://www.minsa.gob.ni)

**Contact:** Lic. Luz María Torrez

**Email:** dgrs@minsa.gob.ni

**Other:** Maintenance

**Unit/department:** Centro de Mantenimiento de Equipos Médicos

**Web site:** —

**Contact:** Lic. Horacio Urbina

**Email:** urbinahoracio@yahoo.es

#### Medical device nomenclature system

**Official nomenclature system for medical devices:** Yes **Type:** Based on GMDN (Global Medical Device Nomenclature)

**Use:** For regulatory purposes

**Nomenclature system name:** — **Web site:** —

#### Medical device incorporation

**Procurement**

**Policy or guideline:** No

**Web site:** —

**National level procurement:** Yes

**Web site:** [http://www.minsa.gob.ni](http://www.minsa.gob.ni)

**Donations**

**Policy or guideline:** Yes

**Web site:** [http://www.minsa.gob.ni/](http://www.minsa.gob.ni/)

**Technical specifications**

**Technical specifications to support procurement or donations:** No

**Web site:** —

---

**Medical device incorporation comments:**

Procurement department works as a team with the Health Services Department, the Sanitary Regulations Department and the Acquisition Unit of the Ministry of Health
Inventory and maintenance

Type of inventories available: National inventory for medical equipment

Comments: This inventory was carried out for our maintenance unit (CEMED). The last time was updated was 2009

Medical equipment management unit: Yes

Management software: No

Software and comments: —

Lists of medical devices

Lists of approved medical devices for public procurement or reimbursement:

Lists available: No

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 - procedures: http://www.minsa.gob.ni/

National list for diseases and situations:

Lists available: No list available

Web site: —

Types:

<table>
<thead>
<tr>
<th></th>
<th>Communicable diseases</th>
<th>Non-communicable diseases</th>
<th>Injuries</th>
<th>Public health emergency situations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health post</td>
<td>890</td>
<td>n/a</td>
<td>890</td>
<td>14.637</td>
</tr>
<tr>
<td>Health centre</td>
<td>158</td>
<td>n/a</td>
<td>158</td>
<td>2.598</td>
</tr>
<tr>
<td>District hospital</td>
<td>26</td>
<td>n/a</td>
<td>26</td>
<td>0.428</td>
</tr>
<tr>
<td>Provincial hospital</td>
<td>26</td>
<td>n/a</td>
<td>26</td>
<td>0.428</td>
</tr>
<tr>
<td>Regional hospital</td>
<td>6</td>
<td>n/a</td>
<td>6</td>
<td>0.099</td>
</tr>
</tbody>
</table>

Healthcare facility

<table>
<thead>
<tr>
<th></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>890</td>
<td>n/a</td>
<td>890</td>
<td>14.637</td>
</tr>
<tr>
<td>Health centre</td>
<td>158</td>
<td>n/a</td>
<td>158</td>
<td>2.598</td>
</tr>
<tr>
<td>District hospital</td>
<td>26</td>
<td>n/a</td>
<td>26</td>
<td>0.428</td>
</tr>
<tr>
<td>Provincial hospital</td>
<td>26</td>
<td>n/a</td>
<td>26</td>
<td>0.428</td>
</tr>
<tr>
<td>Regional hospital</td>
<td>6</td>
<td>n/a</td>
<td>6</td>
<td>0.099</td>
</tr>
</tbody>
</table>

Medical equipment

<table>
<thead>
<tr>
<th></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>n/a</td>
<td>1</td>
<td>0.164</td>
</tr>
<tr>
<td>Computerized Tomography Scanner</td>
<td>3</td>
<td>n/a</td>
<td>3</td>
<td>0.493</td>
</tr>
<tr>
<td>Positron Emission Tomography Scanner</td>
<td>0</td>
<td>n/a</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>Nuclear medicine</td>
<td>1</td>
<td>n/a</td>
<td>1</td>
<td>0.164</td>
</tr>
<tr>
<td>Mammograph*</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Linear accelerator</td>
<td>1</td>
<td>n/a</td>
<td>1</td>
<td>0.164</td>
</tr>
<tr>
<td>Telecobalt unit (Cobalt-60)</td>
<td>1</td>
<td>n/a</td>
<td>1</td>
<td>0.164</td>
</tr>
<tr>
<td>Radiotherapy</td>
<td>2</td>
<td>n/a</td>
<td>2</td>
<td>0.329</td>
</tr>
</tbody>
</table>

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

Additional information and comments:

Our Ministry of Health is doing big efforts to normalize and to regulate the procurement of medical devices, but we do have need of training for our personnel in order to perform a better job. We also have limitations in providing maintenance to the equipments acquired.

Contacts

**Focal point**

Name: Tatiana Valdez García

Position title: Responsable del Departamento de Desarrollo Tecnológico

Department: Dirección de Infraestructura y Desarrollo Tecnológico

Email: didt01@minsa.gob.ni

Telephone: (+505) 22894166

Postal address: Complejo Nacional de Salud “Dra. Concepción Palacios” Contiguo a la Colonia Primero de Mayo. Managua

WHO representative:

Name: Dr Socorro Gross

Email: grosss@who.int

WHO health products focal point:

Name: —

Email: —

Telephone: —

WHO Region of the Americas

Global atlas of medical devices - 2014

http://www.who.int/medical_devices