### Cancer Country Profile 2020

#### Spain

**Burden of Cancer**

<table>
<thead>
<tr>
<th>Total population (2019)</th>
<th>46,736,782</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # cancer cases (2018)</td>
<td>270,363</td>
</tr>
<tr>
<td>Total # cancer deaths (2018)</td>
<td>113,584</td>
</tr>
</tbody>
</table>

**Premature deaths from NCDs (2016)**

- 71,599

**Cancer as % of NCD premature deaths (2016)**

- 54.4%

**PAFs**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>28.0%</td>
<td>8.3%</td>
<td>7.2%</td>
<td>6.0%</td>
<td>76.1%</td>
<td>4.9%</td>
</tr>
</tbody>
</table>

* PAF, cancer deaths  
$^+$ PAF, cancer cases  
$^b$ PAF, melanoma cases

#### Trends

**Estimated past and future trends in total cases per year (breast and lung)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Breast Cancer</th>
<th>Lung Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>25,215</td>
<td>27,361</td>
</tr>
<tr>
<td>2018</td>
<td>32,825</td>
<td>38,762</td>
</tr>
</tbody>
</table>

**Probability of premature death from cancer per year**

- Past trends
- Projected linear trend
- SDG target

- Past trends: 8.12% (2020), 6.84% (2025), 5.62% (2030)
- Projected linear trend: 6.84% (2025), 5.62% (2030)
- SDG target: 4.52%

#### Investment Case (2019)

*High income*

At this income level, investing in a package of essential services and scaling-up coverage will:

**Costs per year**

<table>
<thead>
<tr>
<th>Year</th>
<th>2020</th>
<th>2022</th>
<th>2024</th>
<th>2026</th>
<th>2028</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.10</td>
<td>0.20</td>
<td>0.30</td>
<td>0.40</td>
<td>0.50</td>
<td>0.60</td>
</tr>
</tbody>
</table>

**Projected lives saved per year**

<table>
<thead>
<tr>
<th>Year</th>
<th>2020</th>
<th>2022</th>
<th>2024</th>
<th>2026</th>
<th>2028</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
### SPAIN

#### HEALTH SYSTEM CAPACITY

- **Availability of population-based cancer registry (PBCR)**
  - 2019: High quality PBCR

- **Quality of mortality registration***
  - 2007-2016: High

- **# of external beam radiotherapy (photon, electron)**
  - 2019: 10.0

- **# of mammographs***
  - 2020: 28.1

- **# of CT scanners***
  - 2020: 40.4

- **# of MRI scanners***
  - 2020: 33.5

- **# of PET or PET/CT scanners***
  - 2020: 3.0

- **Integrated NCD plan**
  - 2019: operational

- **NCCP (including cancer types)**
  - 2019: operational

- **MPOWER measures fully implemented and achieved**
  - 2018: 4

- **Cancer management guidelines**
  - 2019: yes

- **Palliative care included in their operational, integrated NCD plan**
  - 2019: yes

- **# of treatment services (surgery, radiotherapy, chemotherapy)**
  - 2019: 3

- **Breast cancer screening program**
  - 2019: yes

- **Breast cancer screening program: Starting age, target population**
  - 2019: 50

- **Global Initiative for Childhood Cancer**
  - Annual cancer cases (0-14 years old)
    - 2020: 1111

#### WORKFORCE

### FORMULATING RESPONSE

- **# Public cancer centres per 10,000 cancer patients**
  - 2019: n/a

- **Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)**
  - 2019: 3 cancer(s)

- **Pathology services**
  - 2019: generally available

- **Bone marrow transplantation capacity**
  - 2019: generally available

- **Availability of opioids* for pain management**
  - 2015-2017: 11391

*Defined daily doses for statistical purposes (5-DDD) per million inhabitants per day

#### GLOBAL INITIATIVES

### Elimination of Cervical Cancer

- **HPV vaccination programme coverage**
  - 2018: 68.5

- **Cervical cancer screening**
  - 2019: yes

- **Screening programme type**
  - 2019: organised

- **Screening programme method**
  - 2019: HPV test

- **Screening participation rates**
  - 2019: >50% and <70%

- **Early detection programme/guidelines**
  - 2019: yes

- **Defined referral system**
  - 2019: yes

### Global Initiative for Childhood Cancer

- **Annual cancer cases (0-14 years old)**
  - 2020: 1111

### Cancer Cases by Type

- Acute lymphoid leukaemia: 243
- Hodgkin lymphoma: 57
- Burkitt lymphoma: 32
- CNS, low grade tumours: 104
- Retinoblastoma: 23
- Wilms tumour: 43
- Other childhood cancer: 23

---

**Notes:**

- **Palliative care availability:**
  - Community/home-based care

- **Defined referral system**

- **Cancer management guidelines**
  - 2019: yes

- **Screening participation rates**
  - 2019: >50% and <70%

- **Early detection programme/guidelines**
  - 2019: yes