UICC World Cancer Congress 2014:

GLOBAL BREAST CANCER TRENDS

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BREAST CANCER GLOBAL INCIDENCE

SOURCE: Globocan 2012 (IARC)
BREAST CANCER GLOBAL MORTALITY

SOURCE: Globocan 2012 (IARC)
BREAST CANCER INCIDENCE (1975-2011)

SOURCE: Globocan 2012 (IARC)
BREAST CANCER DEATHS (1975-2011)

SOURCE: Globocan 2012 (IARC)
GLOBAL BREAST CANCER BURDEN
INCIDENCE AND MORTALITY: 2015-2024

- Most common cancer among women
  - 19.7 million cases in next decade
  - 10.6 million cases in less developed countries
  - By 2020, over 1 million cases per year in LMCs

- Most common cancer killer among women
  - 5.8 million women will die in next decade
  - 3.9 million deaths in less developed countries
  - >1.5 million deaths premature and preventable

SOURCE: Globocan 2012 (IARC)
## GLOBAL CANCER BURDEN: FEMALE CANCER MORTALITY BY AGE

### Breast cancer (deaths in thousands [95% uncertainty intervals])

<table>
<thead>
<tr>
<th></th>
<th>15–49 years</th>
<th>≥50 years</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global</td>
<td>94.0 (87.1–102.3)</td>
<td>331.2 (269.9–352.8)</td>
<td>425.2 (358.6–453.4)</td>
</tr>
<tr>
<td>Developing</td>
<td>67.8 (61.6–74.2)</td>
<td>145.9 (125.8–160.2)</td>
<td>213.7 (188.6–231.2)</td>
</tr>
<tr>
<td>Developed</td>
<td>26.1 (24.1–29.4)</td>
<td>185.3 (143.2–200.4)</td>
<td>211.4 (169.3–228.5)</td>
</tr>
</tbody>
</table>

### Cervical cancer (deaths in thousands [95% uncertainty intervals])

<table>
<thead>
<tr>
<th></th>
<th>15–49 years</th>
<th>≥50 years</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global</td>
<td>55.9 (39.5–78.7)</td>
<td>144.1 (98.9–195.7)</td>
<td>200.1 (139.0–276.3)</td>
</tr>
<tr>
<td>Developing</td>
<td>46.2 (32.7–64.3)</td>
<td>109.2 (73.1–146.3)</td>
<td>155.4 (106.2–212.1)</td>
</tr>
<tr>
<td>Developed</td>
<td>9.7 (6.8–13.1)</td>
<td>35.0 (25.6–49.3)</td>
<td>44.7 (32.3–62.3)</td>
</tr>
</tbody>
</table>

# Breast Cancer Epidemiology

**Stage at Diagnosis: United States vs. India**

<table>
<thead>
<tr>
<th>STAGE</th>
<th>EXTENT</th>
<th>5 year Survival</th>
<th>DISTRIBUTION USA</th>
<th>DISTRIBUTION INDIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Noninvasive</td>
<td>100%</td>
<td>16%</td>
<td>----</td>
</tr>
<tr>
<td>I</td>
<td>Early stage disease</td>
<td>100%</td>
<td>40%</td>
<td>1%</td>
</tr>
<tr>
<td>II</td>
<td>Early stage disease</td>
<td>86%</td>
<td>34%</td>
<td>23%</td>
</tr>
<tr>
<td>III</td>
<td>Locally advanced</td>
<td>57%</td>
<td>6%</td>
<td>52%</td>
</tr>
<tr>
<td>IV</td>
<td>Metastatic disease</td>
<td>20%</td>
<td>4%</td>
<td>24%</td>
</tr>
</tbody>
</table>

**USA:**
- 90% DCIS or early staged invasive disease at diagnosis

**INDIA:**
- 76% locally advanced or metastatic at diagnosis

Sources: SEER Survival Monograph (NCI), 2007; Chopra, Cancer Institute Chennai, 2001
The Breast Health Global Initiative

www.bhgi.info