EPIDEMIOLOGY
General
## Pain in Past Month Among Adults 20+,
### 1999–2002


<table>
<thead>
<tr>
<th>Age</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-44 years</td>
<td></td>
</tr>
<tr>
<td>45-54 years</td>
<td></td>
</tr>
<tr>
<td>65 years and over</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td></td>
</tr>
</tbody>
</table>
Pain Duration Among Adults*

20-44 years

- 1 year or more
- <1 month
- 3 months-1 year
- 1-3 months

45-64 years

- 1 year or more
- <1 month
- 3 months-1 year
- 1-3 months

65 years and over

- 1 year or more
- <1 month
- 3 months-1 year
- 1-3 months

*Adults aged 20 years and older, 1999–2002 data
Prevalence of Acute Pain

• **Lifetime** prevalence in general population:
  – Approaches **100%** for acute pain leading to use of analgesics¹

• **Emergency room** patients:
  – Pain accounts for **>2/3** of emergency room visits²

• **Hospitalized** patients:
  – **>50%** report pain³

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Prevalence of Chronic Pain in the General Population

17–46%
Prevalence of Chronic Pain

Neuropathic Pain is Prevalent Across a Range of Different Conditions

<table>
<thead>
<tr>
<th>Condition</th>
<th>% affected by peripheral neuropathic pain</th>
<th>% affected by central neuropathic pain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diabetes</td>
<td>11–26%1</td>
<td>8%9</td>
</tr>
<tr>
<td>Cancer</td>
<td>~33%2</td>
<td>75%10</td>
</tr>
<tr>
<td>HIV</td>
<td>35–53%3–5</td>
<td>~55%11</td>
</tr>
<tr>
<td>Post-surgical</td>
<td>20–43% of mastectomy patients6,7</td>
<td></td>
</tr>
<tr>
<td>Chronic low back pain</td>
<td>Up to 37%8</td>
<td></td>
</tr>
<tr>
<td>Postherpetic neuralgia</td>
<td>7–27% of patients with herpes zoster1</td>
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</tr>
<tr>
<td>Stroke</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal cord injury</td>
<td></td>
<td></td>
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<tr>
<td>Multiple sclerosis</td>
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</tbody>
</table>

HIV = human immunodeficiency virus

5–20% of the General Population May Suffer from Neuropathic Pain

Summary of Selected Prevalence Studies

How common is central sensitization/dysfunctional pain?

~40% of adults suffer from chronic pain\(^1\)

17–35% of chronic pain patients suffer from generalized hypersensitivity and conditioned pain modulation\(^2\)

Summary
Epidemiology: Summary

• Acute and chronic pain are extremely common worldwide
• Prevalence of chronic pain is generally higher in women
• Mean duration of pain is longer in older individuals