HEALTHY SAVINGS: MEDICAL TECHNOLOGY & THE ECONOMIC BURDEN OF DISEASE

Use of insulin pumps for treatment of people with diabetes generates net cost savings, providing better disease management.

**IMPACT OF DIABETES**

**AFFECTS=**

25.8

* million Americans

**COSTS=**

$245

* billion a year

**$5,886 ↓ annual savings /person affected**

**$34.9M ↑ increased tax revenue**

**ECONOMIC IMPACT OF INSULIN DEPENDENT DIABETES, 2005-2010***

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulin pump</td>
<td>22.3</td>
<td>27.5</td>
<td>32.8</td>
<td>35.0</td>
<td>34.9</td>
<td>30.4</td>
</tr>
<tr>
<td>Insulin, no pump</td>
<td>27.7</td>
<td>29.0</td>
<td>27.9</td>
<td>30.6</td>
<td>30.8</td>
<td>34.9</td>
</tr>
</tbody>
</table>

* includes treatment expenditures and indirect impacts

**AVERAGE ANNUAL ECONOMIC BURDEN 2008-2010 ($)**

<table>
<thead>
<tr>
<th></th>
<th>Insulin pump</th>
<th>Insulin, no pump</th>
<th>Average savings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$24,217.5</td>
<td>$30,103.2</td>
<td>$5,885.8</td>
</tr>
</tbody>
</table>

**THE FUTURE**

Increased incentives for medical technology investment used to treat diabetes will generate even larger net savings over time.

Reduced incentives for medical technology used to treat diabetes will result in larger net costs.

**$225.4 billion GAIN**

**$101.1 billion LOSS**