JOBS DIRECTLY RELATED TO THE MASSACHUSETTS BOTTLE BILL

Over 1,260
Statewide employment in system

Over 2,020
Establishments that recycle and process bottle bill materials

ECONOMIC IMPACTS OF THE MASSACHUSETTS BOTTLE BILL

Direct Employment

Collection, transport, and processing of bottles and cans into high quality materials employs workers statewide in retail stores, redemption centers, and processing facilities.

JOBS IN THE BOTTLE BILL SYSTEM

- **340 sorting jobs** | 68 redemption centers
- **80-120 processing jobs** | Primary and secondary processors
- **840 collection, pickup, and maintenance jobs** | 1,950 retail and transport operations

Note that several redemption center locations are too close to distinguish at this scale, and statewide RVM and retail locations are not identified.
Collection, transport, and processing of bottles into high quality materials creates many economic flows through the Massachusetts economy and saves cities and towns waste management costs.

Cash Flows from Bottle Bill

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$43 million</td>
<td>to Mass Dept of Revenue</td>
</tr>
<tr>
<td>$32 million</td>
<td>to retailers, redemption centers (handling fees)</td>
</tr>
<tr>
<td>$62 million</td>
<td>refunded to consumers</td>
</tr>
</tbody>
</table>

Avoided Costs to Cities/Towns to Recycle Containers

On the order of $20 million

Contribution to GDP

Total valued added by companies, suppliers, employees:

- $43 million to $72 million

Does not include $43 million forfeited to state

Total employment (including upstream and downstream):

- 1,600 to 1,800 jobs

High Quality Material Collected

<table>
<thead>
<tr>
<th>Material</th>
<th>Containers</th>
<th>Tons</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass</td>
<td>309 million</td>
<td>77,000</td>
<td>$1.5 million</td>
</tr>
<tr>
<td>Plastic</td>
<td>187 million</td>
<td>6,500</td>
<td>$2.1 million</td>
</tr>
<tr>
<td>Aluminum</td>
<td>751 million</td>
<td>10,800</td>
<td>$15 million</td>
</tr>
</tbody>
</table>

Businesses Built on Massachusetts Container Deposit Return (CDR)

- **Redemption Centers**
  → Would close without CDR

- **Envipco**
  → Would close MA ops w/o CDR

- **TOMRA**
  → Would close MA ops w/o CDR

- **Parallel Products**
  → Would restrict/close MA ops w/o CDR

- **Strategic Materials**
  → Would restrict/move ops to CT w/o CDR

- **Arbor Recycling**
  → Impact unknown

Total impact: over 550 jobs would migrate to other states or disappear.