RI Economic Impact Study for Green-Related Industry (Preliminary Findings)

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The Team

- DEM
- RI Ag Partnership
- RI Nurseries & Landscape Association
- RI Turfgrass Foundation
- RI Economic Development Corporation
- URI College of Business
- URI College of the Environment & Life Sciences
What is Green-Related Industry?

• Agriculture (incl. Turf/Sod & Nurseries)
• Landscaping Services, and Landscape Architecture
• Retail Garden Centers, Farm Supply & Florists
• Golf Courses
• Other Industries Related to Agriculture and Landscaping
The Analysis

• Bottom-Up vs. Top-Down
• What makes RI special?
• Survey Data
• ReferenceUSA Business Listings
• Other Data Sources:
  – DEM Nurseries Listings
  – Sec. State Landscape Licenses
  – USDA/NASS Ag Census
Conservatism

• All estimates rounded down
• ‘Missing firms’ estimated as very small
• Whole sectors left out:
  – Irrigation
  – Forestry
  – Wood Products
  – Aquaculture/Fisheries
  – Marine Resources
Preliminary Findings

• Total Annual Economic Impact: $1.79 Billion
• Total Jobs Impact: 12,000+
• Total Number of Green-Related Businesses: 2,500+
## Economic Value

<table>
<thead>
<tr>
<th>Sector</th>
<th>Firms</th>
<th>Sales ($M)</th>
<th>Indirect ($M)</th>
<th>Total Value ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>1,220</td>
<td>$170.7</td>
<td>$97.5</td>
<td>$268.2</td>
</tr>
<tr>
<td>Landscape + L.Arch.</td>
<td>930</td>
<td>$317.6</td>
<td>$255.7</td>
<td>$573.3</td>
</tr>
<tr>
<td>Retail Supply + Florists</td>
<td>300</td>
<td>$298.6</td>
<td>$211.7</td>
<td>$510.3</td>
</tr>
<tr>
<td>Golf Courses</td>
<td>60</td>
<td>$144.6</td>
<td>$120.7</td>
<td>$265.3</td>
</tr>
<tr>
<td>Other</td>
<td>60</td>
<td>$103.9</td>
<td>$75.0</td>
<td>$178.9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2,570</td>
<td>$1,035.3</td>
<td>$760.7</td>
<td>$1,795.9</td>
</tr>
<tr>
<td>Sector</td>
<td>Firms</td>
<td>Jobs</td>
<td>Indirect</td>
<td>Total Jobs</td>
</tr>
<tr>
<td>----------------------------</td>
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<td>----------</td>
<td>------------</td>
</tr>
<tr>
<td>Agriculture</td>
<td>1,220</td>
<td>1,790</td>
<td>540</td>
<td>2,330</td>
</tr>
<tr>
<td>Landscape + L.Arch.</td>
<td>930</td>
<td>2,910</td>
<td>1,100</td>
<td>4,010</td>
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<tr>
<td>Retail Supply + Florists</td>
<td>300</td>
<td>1,720</td>
<td>740</td>
<td>2,460</td>
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<tr>
<td>Golf Courses</td>
<td>60</td>
<td>1,870</td>
<td>940</td>
<td>2,810</td>
</tr>
<tr>
<td>Other</td>
<td>60</td>
<td>420</td>
<td>340</td>
<td>760</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2,570</td>
<td>8,710</td>
<td>3,660</td>
<td><strong>12,370</strong></td>
</tr>
</tbody>
</table>
Agriculture

• About 17% of total value/jobs
• 70% + in Sod/Nursery/Horticulture
• Study captures value-added
• High-value in RI
• Emphasis on Local Products
Future Work

• This study as a starting point
• Future surveys
• Questions?