The mission of the Department of Agricultural, Environmental, and Development Economics is to generate and disseminate knowledge through application of economic and business principles to society’s challenges.

### The Impact of the Agricultural and Food Production Cluster to Lucas County

**Total Value Added:** $745,01,227 representing 3% of the county’s economy.

**Total Employment:** 9,652 representing 4% of the county total.

**Total Labor Income:** $418,410,543 representing 3% of the county total.

#### Value Added; Percent of County Total

<table>
<thead>
<tr>
<th>Sum of Agricultural Production</th>
<th>Sum of Food Processing</th>
<th>Sum of Wholesale/Retail</th>
</tr>
</thead>
<tbody>
<tr>
<td>$62.3 million; 0.22%</td>
<td>$249.5 million; 0.90%</td>
<td>$433.6 million; 1.56%</td>
</tr>
</tbody>
</table>

#### Total Agricultural and Food Employment; Percent of County Total

<table>
<thead>
<tr>
<th>Agricultural Production</th>
<th>Food Processing</th>
<th>Wholesale/Retail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,035; 0.40%</td>
<td>1,677; 0.64%</td>
<td>6,940; 2.66%</td>
</tr>
</tbody>
</table>

#### Labor Income Contributed; Percent of County Total

<table>
<thead>
<tr>
<th>Agricultural Production</th>
<th>Food Processing</th>
<th>Wholesale/Retail</th>
</tr>
</thead>
<tbody>
<tr>
<td>$32.2 million; 0.22%</td>
<td>$117.7 million; 0.81%</td>
<td>$268.6 million; 2.89%</td>
</tr>
</tbody>
</table>

#### Taxes on Production and Imports: $105,472,498

**Top Three Agricultural Production Sectors:**
Farm Inputs, Equipment & Professional Services, Greenhouse, Nursery & Floriculture Production, and Soybean & Other Oil Crops

Data for these calculations were obtained from IMPLAN and included in *The Economic Contribution of Agricultural and Food Production to the Ohio Economy* report (DiCarolis et al, 2017) by Ben Brown.
Ohio’s agricultural and food production cluster plus restaurants and bars accounts for $1 in every $13 of Ohio’s Gross State Product (GSP) and 1 in 8 jobs in Ohio.

The agricultural and food production cluster employed 402,874 Ohioans in 2015 and contributed $33 billion in value added directly to Ohio’s GSP.

The agriculture and food production cluster contributed an additional $20 billion to Ohio’s economy through the purchases of additional inputs.

The total contribution of the cluster to Ohio’s economy in 2015 was $53 billion (a multiplier of 1.6 for every dollar of value-added in the agriculture and food production cluster).

Since 1944, efficiency gains have led to decreases in employment of the following sectors:

- 24%-Ohio Farm Input Sector
- 38%- Agricultural Production
- 17%- Food Processing
- 47%- Food Wholesaling/Retailing

There has been strong growth in the farming and wholesaling/retailing sectors against decreasing employment, decreasing commodity prices, and decreasing relative contributions of these sectors to GSP.