US Pig Numbers - 1930

Source: Smith, 1937
US Pig Numbers - 2002

Source: National Pork Board
Hawai`i Swine Inventory - 2006

Source: Hawai`i Agriculture Statistics Service
<table>
<thead>
<tr>
<th>Livestock Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk Cows</td>
<td>48%</td>
</tr>
<tr>
<td>Hogs</td>
<td>60%</td>
</tr>
<tr>
<td>Beef Cattle</td>
<td>4%</td>
</tr>
<tr>
<td>Chickens</td>
<td>81%</td>
</tr>
</tbody>
</table>

Source: Hawai`i Agriculture Statistics Service
Hawai`i Swine Inventory

Source: Hawai`i Agriculture Statistics Service
US Market Pig Price

Source: National Pork Board
Farm Prices

Source: Hawai`i Agriculture Statistics Service
Total Economic Costs
Hawai`i Compared to Iowa

<table>
<thead>
<tr>
<th>Category</th>
<th>Hawaii</th>
<th>Iowa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depr/Tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Sharma, Leung and Zaleski, 1996
Hawai`i Swine Industry Analysis

Reduce Shipping Cost
Preserve Agricultural Land
Base Support on Hog Sales
Improve Producer Efficiency
Reduce Slaughterhouse Costs
Develop Practical Waste Management
Hire an Extension Veterinarian
Increase Consistency of Hog Production
Hawai`i Swine Industry Analysis

Educate Consumers on Local Pork
Support a Strong Industry Organization
Research Best Management Practices
Increase Flexibility of DOA Veterinarians
Improve Biosecurity
Increase Producer Education
Develop Feed from Dehydrated Garbage
Why Raise Swine in Hawai`i?

Pigs are Vital to Pacific and Asian Cultures

- To supply the hot fresh pork market
- To supply hotels and luaus
- To recycle resources such as food waste and cull fruits, nuts and vegetables
- To provide natural fertilizer
- To provide jobs
- To make money
Agriculture’s Contribution to Hawai`i’s Economy

<table>
<thead>
<tr>
<th>Direct Economic Activities</th>
<th>Indirect Economic Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farm Production and Inputs</td>
<td>$0.32 Billion</td>
</tr>
<tr>
<td>Food and Fiber Processing</td>
<td>$1.11 Billion</td>
</tr>
<tr>
<td>Food and Fiber Distribution</td>
<td>$0.55 Billion</td>
</tr>
<tr>
<td>$1.98 Billion</td>
<td>$0.01 Billion</td>
</tr>
<tr>
<td>$0.11 Billion</td>
<td>$0.67 Billion</td>
</tr>
<tr>
<td>$0.55 Billion</td>
<td>$0.16 Billion</td>
</tr>
<tr>
<td>$2.91 Billion</td>
<td></td>
</tr>
</tbody>
</table>

Total Contribution

$2.91 Billion

42,273 Jobs

6% of Our Economy

Source: Leung, Sharma and Nakamoto, 2000
Farm Share of Retail Price

Source: National Pork Board
Agriculture -
Your Life Depends on It

Source: Hawai`i Pork Industry Association
More than Meat

- Animal feed
  - Meat and bone meal

- Pharmaceutical, medical and diagnostic
  - 20 drugs and pharmaceuticals
  - Insulin
  - Heparin
  - Heart valves
  - Skin burn dressings

- Biomedical research model
  - Anatomy, physiology, psychology, behavior

Source: National Pork Board
Much More than Meat

- Industrial
  - Leather
  - Hair for brushes
  - Glue
  - Cosmetics
- Manure/wastes
  - Fertilizer/compost
  - Fish and alligator food
- Food waste recycling
- Agricultural byproduct recycling

Source: National Pork Board
More...

- Entertainment
  - Circus
  - Races
  - Jumpers
  - Teams
- Food storage in third world
- Status, wealth, cultural
- Pets