

## Economic Development and Growth of the Bioeconomy

David Swenson  
Associate Scientist  
Department of Economics

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## Rural Economic and Demographic Issues

Changes in Iowa, 2000 to 2004

	Population	Jobs
Iowa	0.8%	0.0%
Metropolitan counties	2.8%	1.6%
Nonmetropolitan counties	-1.4%	-1.9%

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## In addition, during this decade

- 64 counties and 605 towns had population declines
- 49 counties posted more deaths than births – they are in condition called natural decline
- Persistent strong outmigration rates of young adults (and young families) from rural counties

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## Regional Economic Consequences of Ethanol Production

- Add new economic product – *value added* – to a crop that had been exported
- Boost area returns to corn farmers
- Dividends to local investors
- Well paying manufacturing jobs
- Expected to have strong technical linkages with the area economy
- Main-street spending boosts

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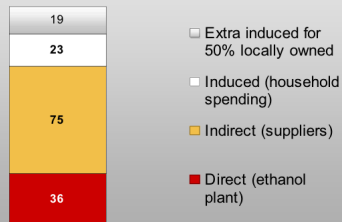
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## Expected Job Impacts of a 50 MGY Ethanol Plant in Rural Iowa



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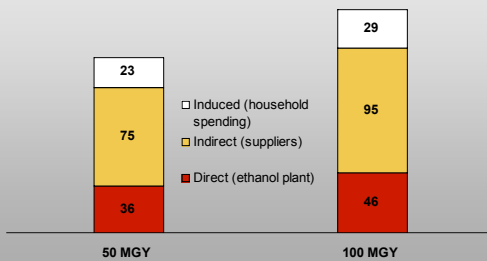
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## Regional Job Impacts in a 50 MGY and a 100 MGY Ethanol Plant



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