



Economic Development and Growth of the Bioeconomy

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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%

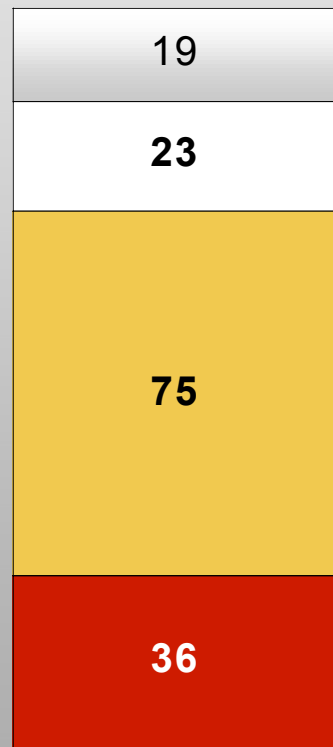
In addition, during this decade

- **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**

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**

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



- Extra induced for 50% locally owned
- Induced (household spending)
- Indirect (suppliers)
- Direct (ethanol plant)

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

