Industrial Food Animal Production Operations
Who is Protecting Affected Communities?

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www.foodandwaterwatch.org
www.factoryfarmmap.org
Factory farms increasing due to:

- Agribusiness consolidation
- Artificially low-priced feed
- Weak environmental/public health standards

Map colors represent:

<table>
<thead>
<tr>
<th>Map Color</th>
<th>All Livestock (Animal Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>more than 13,200</td>
</tr>
<tr>
<td></td>
<td>5,200-13,200</td>
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<tr>
<td></td>
<td>2,000-5,199</td>
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<tr>
<td></td>
<td>fewer than 2,000</td>
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<td>None</td>
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National Market Share of Top Four Hog Packers

Source: USDA GIPSA

<table>
<thead>
<tr>
<th>Year</th>
<th>Market Share</th>
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<tbody>
<tr>
<td>1982</td>
<td>35.8%</td>
</tr>
<tr>
<td>1987</td>
<td>36.6%</td>
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<tr>
<td>1992</td>
<td>43.8%</td>
</tr>
<tr>
<td>1997</td>
<td>54.3%</td>
</tr>
<tr>
<td>2002</td>
<td>55.0%</td>
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<tr>
<td>2007</td>
<td>65.0%</td>
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Hog Farmers Receive Less than 25¢ for Every Grocery Dollar Spent on Pork

Source: USDA
The number of Iowa hog farms drops 80% (40,000 farms) and average size of farms increases 10-fold.

Source: USDA

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Impact of Industrial-Farming on Rural Communities

Decline in civic participation, church membership

 Reduced voting, government leadership

 Increased community stress, civic conflict, crime

 Increased pollution, declining quality of life
Market Share of Top Four Poultry Companies

17.0% 22.0% 29.0% 34.0% 40.6% 46.0% 56.0% 58.5% 57.0%

Source: Hendrickson & Heffernan; GIPSA

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Number of Chicken Processors on Delmarva Peninsula

1969: 16
1998: 5
2012: 4

Source: Williams 1998; Watt Poultry USA 2012

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Contract Poultry Production

Growers must build and upgrade chicken houses—$585,000 to build 2 houses on Maryland E. Shore.

Half of contracts for one 5 week flock of birds without certain delivery of next flock.

Disposal/permitting of manure.

Vulnerable to contract termination/retaliation.

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Competition Reform

- Ban packer-owned livestock; captive supply reform
- Prohibit milk price manipulation, processor monopolies, corporate-coop predatory practices
- Overhaul merger approvals to prevent mega-mergers, excessive buyer power
- Integrator liability for waste

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CAFO Savings from Low-Cost Feed

Source: Tufts Global Development and Environment Institute

Savings 1997-2005 ($ millions)

- Broilers: $1,250
- Hogs: $945
- Dairy: $733
- Fed Cattle: $501

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Farm Policy

Since 1996 farm policy encouraged over-production of low-priced feed

Farm policy must ensure fair prices to farmers

Restore reserves to reduce price volatility for consumers and farmers
Environmental Regulation

EPA estimate: 18,500 CAFOs in US.

USDA estimate: 47,000 CAFOs in US

No federal agency collects data on size or location.

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Figure 3: CAFO Record Details in Publicly Available Sources

Three states did not provide information on what data their records contained.

Data Source: Food & Water Watch analysis of data in documents released through Freedom of Information Act, on file at Food & Water Watch.

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Environmental Regulation

EPA: estimated 41% have federal water permits

2011: 12 of 38 states that granted permits for CAFOs used up-to-date regulations

18 states met only 2003 standard
6 met pre-2003 standard

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How Antibiotic Misuse On Factory Farms Can Make You Sick

1. Factory farms use feed that's pre-mixed with antibiotics to promote faster animal growth and prevent infections.

2. Giving low doses of antibiotics to groups of animals over extended time periods fuels the development of antibiotic-resistant (AR) bacteria.

3. Waste is stored in lagoons and used as fertilizer. AR bacteria in the waste continue to reproduce and share genes with other bacteria in soil, streams, ponds, and groundwater, creating "reservoirs of resistance."

4. AR bacteria in livestock can spread to farmers, farmworkers, meat plant workers and the general population.

5. Consumers encounter AR bacteria while handling raw meat and eating undercooked meat.

6. AR bacterial infections have become increasingly common. Doctors are concerned that some antibiotics no longer work to treat sick people.
Mixed Messages from FDA

- **Cephalosporins**: Limited subtherapeutic use
- **Fluoroquinolines**: Banned
- **Penicillin and Tetracycline**: Lawsuit against FDA to impose ban
- **Other Antibiotics**: Proposed voluntary guidance to require vet input

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What We Need

- Ban on nontherapeutic use
- Better data on use and resistance trends
- Assistance for farmers to transition

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