



HOG INDUSTRY

HOG HISTORY

Hernando de Soto is known as the "Father of the American pork industry" for bringing the first 13 pigs to Tampa Bay, Florida, in 1539. During the 18th and 19th centuries, the demand for meat grew due to the growth of cities, leading to an increase in the swine industry. Pigs were then moved to backyards. Presently, the US pork industry produces 13.8 million tons of pork annually, with a gross output of \$23.4 billion, and supports over 550,000 jobs.

<https://bazisgroup.com/a-history-of-swine/>



HOG LARGER PRODUCER

The United States is one of the top three producers and consumers of pork and pork products worldwide. Over the years, it has been the largest or second-largest exporter of these products, with exports accounting for more than 20% of commercial pork production on average.

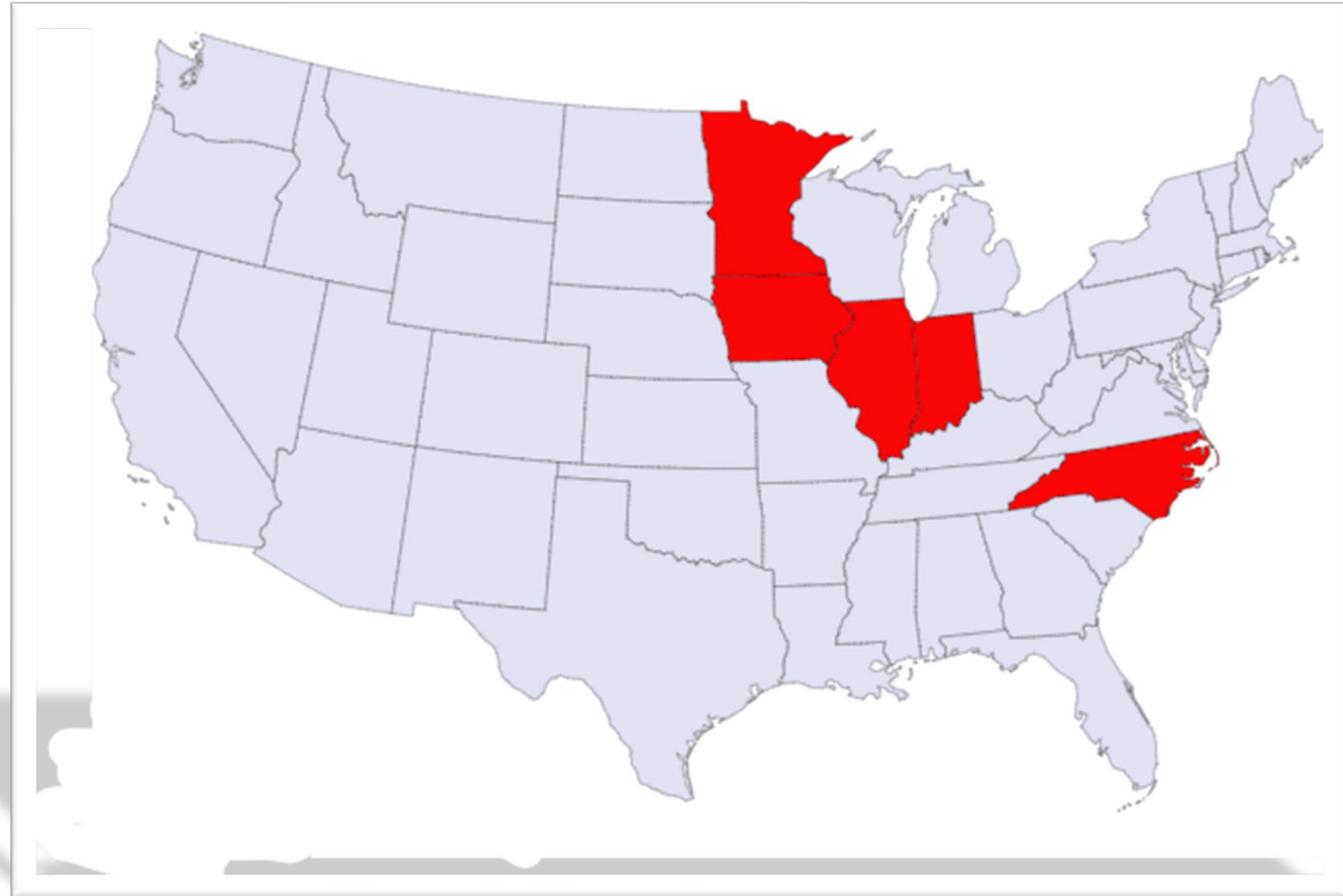
<https://www.ers.usda.gov/topics/animal-products/hogs-pork/#otherpublications>



TOP HOG PRODUCERS

The top five pork-producing states in the U.S. are Iowa, Minnesota, North Carolina, Illinois, and Indiana.

<https://sentientmedia.org/top-pork-producing-states/>



TOP HOG PRODUCER

Smithfield Foods, based in Smithfield, Virginia, is the largest pork producer in the United States. The company has a workforce of 40,000 employees in the United States. Smithfield Foods comprises 530 company-owned and 2,100 contract farms across 15 states and produces almost 18 million pigs yearly.

<https://sentientmedia.org/top-pork-producing-states/>



HOG PRODUCTION

Hogs are produced in three types of specialized enterprises:

- **Farrow-to-finish** operations raise hogs from birth to slaughter weight, about 240-270 pounds.
- **Feeder pig producers** raise pigs from birth to about 10-60 pounds, then generally sell them for finishing.
- **Feeder pig finishers** buy feeder pigs and grow them to slaughter weight.



<https://www.ers.usda.gov/topics/animal-products/hogs-pork/sector-at-a-glance/#:~:text=The%20Biological%20Hog%20Cycle&text=A%20sow%20can%20produce%20an,and%20ofarrow%2Dto%2Dfinish.>

HOG PRODUCTION

Many hog producers employ confinement production methods in specialized facilities that are designed to be environmentally friendly. This type of production enables year-round hog breeding by providing protection from harsh weather conditions, disease exposure, and predators. The manure that is collected from hog operations is typically utilized as a fertilizer and spread on nearby cropland.

<https://www.ers.usda.gov/topics/animal-products/hogs-pork/sector-at-a-glance/#:~:text=The%20Biological%20Hog%20Cycle&text=A%20sow%20can%20produce%20an,and%20farrow%2Dto%2Dfinish>



HOG CYCLE

The biological hog cycle is longer than that of broilers but shorter than for cattle. The economic hog cycle refers to the peaks and valleys in hog inventories over time, while the biological hog cycle refers to the biological time lags involved in hog production.



BREEDING AGE

It typically takes approximately 32 weeks for a female hog, known as a gilt, to reach breeding age after being born. A gilt must mate with a male hog or undergo artificial insemination to be capable of conception.

<https://www.transworldfutures.com/pork-bellies.html>



HOG FERTILITY

A female hog gives birth to at least ten piglets in about 16 weeks. An adult female hog can be bred again shortly after weaning the previous litter.

<https://www.transworldfutures.com/pork-bellies.html>



BIRTH TO FINISH PHASE

22-26 weeks are required to grow a pig to slaughter weight. From the feeder pig stage, the animals enter an intense feeding stage and remain there until they reach a desired weight, ranging from 240-270 pounds. Operations of this type are known as the feeder-pig-to-finish phase.

<https://www.transworldfutures.com/pork-bellies.html>



QUALIFYING ACTIVITIES

- Breeding
- Loading/unloading
- Castrating
- Vaccinating
- Weaning
- Herding
- Tagging
- Feeding
- Preparing Feed
- Cleaning pens



BIOSECURITY

People who need to enter the hog area need to ensure they clean/disinfect their shoes in a footbath and wear clean coveralls before entering. Feed delivery trucks, trucks hauling pigs, garbage trucks, and dead stock haulers are kept from crossing the line into the pig area.

https://www.aphis.usda.gov/publications/animal_health/biosecurity-for-pigs-outdoor-access-factsheet.pdf



SLAUGHTERHOUSE

Meat processing plants are also called slaughterhouses. The plants are responsible for slaughtering and processing animals into meat for consumption. They handle every step of the process, from intake to packaging for distribution.

<https://blog.foodsafedrains.com/meat-processing-plant-equipment#:~:text=Meat%20processing%20plants%2C%20sometimes%20called,and%20equipment%20have%20fortunately%20evolved.>



HOG PROCESSING

Pork carcasses undergo gutting and splitting, followed by rapid chilling at very low temperatures to enhance meat quality. After a 24 to 48-hour chill, the carcasses are cut into smaller pieces like ham, loins, shoulders, and bellies, which are further processed to produce bacon.

https://www.canr.msu.edu/news/an_inside_look_at_pork_processing



QUALIFYING ACTIVITIES

- Unloading
- Hanging
- Skinning
- Eviscerating
- Cutting
- Washing
- Packing
- Stunning
- Weighing



ASSOCIATIONS

National Pork Producer Council (NNPC)

<https://www.desmog.com/national-pork-producers-council/>

Arkansas Pork Producers Associations

<https://www.arpork.com/>

Arizona Pork Council

www.azpork.org

California Pork Producer Association

www.calpork.com

Colorado Pork Producer Council

www.copork.org

Delaware Pork Producer Association

www.delawarepork.org



ASSOCIATIONS

Georgia Pork Producer Association

www.gapork.org

Hawaii Pork Producer Association

www.hawaiipork.org

Iowa Pork Producer Association

www.iowapork.org

Idaho Pork Producer Association

www.idahopork.com

Illinois Pork Producer Association

www.ilpork.com

Indiana Pork Producer Association

www.indianapork.com



ASSOCIATIONS

Kansas Pork Producer Association

www.kspork.org

Kentucky Pork Producer Association

www.kypork.org

Louisiana Pork Producer Association

www.laporkproducers.com

Michigan Pork Producer Association

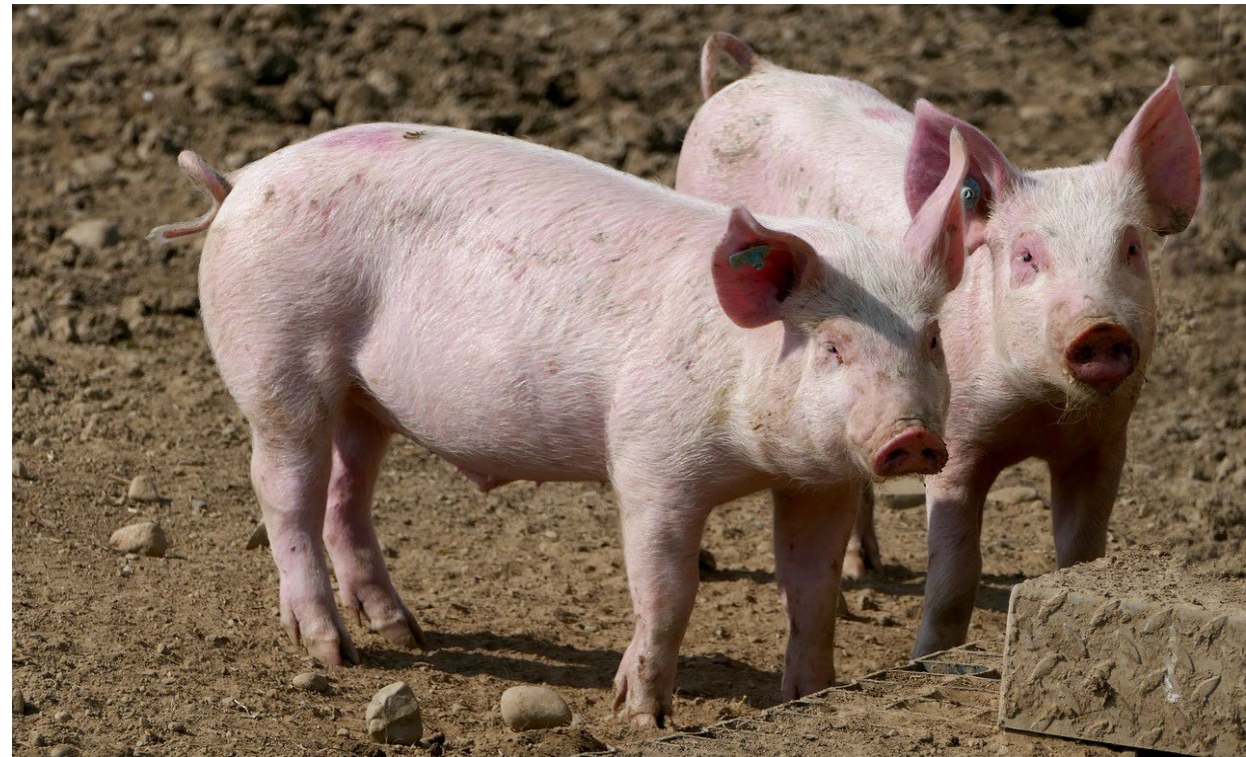
www.mipork.org

Minnesota Pork Producer Association

www.mnpork.com

Missouri Pork Producer Association

www.mopork.com



ASSOCIATIONS

Montana Pork Producer Council

www.montanapork.org

North Carolina Pork Council

www.ncpork.org

Nebraska Pork Producer Association

www.nepork.org

New York Producer Association

www.newyorkpork.org

Ohio Pork Council

www.ohiopork.org



ASSOCIATIONS

Oregon Pork Producer Association

www.oregonporkproducers.com

Pennsylvania Pork Producer Council

www.papork.com

South Dakota Pork Producer Council

www.sdppc.org

Texas Pork Producer Association

www.texaspork.org

Oklahoma Pork Council

www.okpork.org



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Oregon Pork Producer Association

www.oregonporkproducers.com

Pennsylvania Pork Producer Council

www.papork.com

South Dakota Pork Producer Council

www.sdppc.org

Texas Pork Producer Association

www.texaspork.org

Oklahoma Pork Council

www.okpork.org



ASSOCIATIONS

Utah Pork Producer Association

www.utahporkproducers.org

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www.utahporkproducers.org

Virginia Pork Council

www.virginiapork.org

Wyoming Pork Council

www.wyomingpork.org

