

A Look at *Arkansas* Agriculture

Capital: Little Rock

Population: 2,889,450

Founded: June 15, 1836 (27th)

State Bird: Mockingbird

State Tree: Pine Tree

State Flower: Apple blossom

Number of Counties: 75

Largest City: Little Rock - 191,930

Nickname: The Natural State

Number of Farms: 49,300

Average Farm Size: 281 acres

Total Farmland: 13.8 million acres



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Climate & Soil

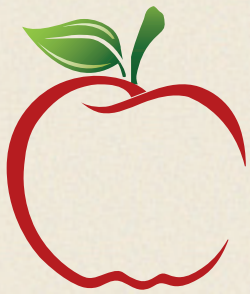
- Average monthly temperatures range from a high of 93° to a low of 26°.
- Average rainfall is between 44 and 54 inches annually.
- Arkansas has six regional land types: Ozark Mountains, Arkansas River Valley, Ouachita Mountains, West Gulf Coastal Plain, Mississippi Alluvial Plain and Crowley's Ridge.
- Stuttgart Soil is the state soil of Arkansas.
- Arkansas' growing season ranges from 180 days in the northwest to 240 days in the southeast.

Crops & Livestock

- Agriculture is Arkansas' largest industry, accounting for nearly \$16 Billion of Arkansas' economy.
- The poultry industry accounts for just over 35% of the total value of Arkansas agriculture.
- Arkansas is the largest producer of rice in the U.S.
- Soybeans account for 25% of the total value of Arkansas crops.
- Two-thirds of the corn grown in Arkansas is fed to the poultry industry.
- There are 1.9 million head of beef cattle in Arkansas.
- Arkansas farmers produce around 1.2 billion broiler chickens annually.
- Arkansas has 10 commodities that rank in the top 10 nationally:
 - #1 in Rice
 - #2 in Broilers
 - #3 in Cotton
 - #3 in Cottonseed
 - #3 in Catfish
 - #4 in Turkeys
 - #8 in Grain Sorghum
 - #8 in Eggs
 - #10 in Soybeans
 - #10 in Pecans

General

- Arkansas has 52,075 square miles of land, or 33.3 million acres.
- Forests cover more than 56% of Arkansas' landscape.
- Arkansas is home to the world's only diamond producing site open to the public.
- Arkansas is also home to:
 - Wal-Mart, the largest food retailer in the world
 - Tyson Foods, one of the largest poultry producers in the U.S.
 - Riceland Foods, the largest rice miller and marketer in the world
 - Anderson Fish Farms, the largest producer of baitfish in the world



A Look at *Florida* Agriculture

Capital: Tallahassee

Population: 19,552,860

Founded: March 3, 1845 (27th)

State Bird: Mockingbird

State Tree: Sabal Palmetto

State Flower: Orange Blossom

Number of Counties: 67

Largest City: Jacksonville - 840,000

Nickname: Sunshine State

Number of Farms: 47,500

Average Farm Size: 195 acres

Total Farmland: 9.25 million acres



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Climate & Soil

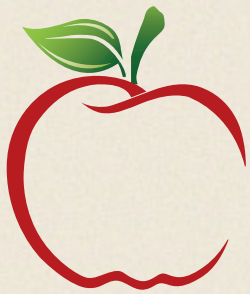
- The climate of Florida is very mild.
- The temperatures across the state average in the low 80's with moderate humidity.
- The growing season ranges from 100-200 days or longer.
- Florida has the highest average precipitation of any state. Central Florida is known as the lightning capital of the United States.
- Myakka fine sand soil is unique to Florida. This soil is recognized as the state soil because it occurs in 1.5 million acres of flatwoods, making it the single most extensive soil in the state.

Crops & Livestock

- Florida produces 65% of the annual US production of citrus. About 95% of commercial orange production in the state is destined for processing, mostly as orange juice.
- Greenhouse and nursery products are Florida's top leading crops financially yielding \$1.79 billion.
- Florida ranks 2nd in US production of fresh vegetables and provides 80% of the fresh vegetables consumed in the US during January, February, and March each year.
- Florida ranks 4th in the Southeast and 12th nationally in the production of beef calves.
- Florida is consistently ranked in the top 12 states in fresh seafood production.
- The top 5 agricultural commodities in 2008 were: greenhouse/nursery products, oranges, tomatoes, dairy products, and sugarcane.
- Florida Thoroughbred industry has produced 41 North American champions. 18 breeders cup winners and a Triple Crown-winner.

General

- Florida ranks 9th nationally for total agricultural sales in the United States.
- 10 million acres used for farmland.
- The second largest industry in the state is agriculture. Tourism is the largest industry within the state.



A Look at *Illinois* Agriculture

Capital: Springfield

Population: 12,910,409

Founded: December 3, 1818 (21st)

State Bird: Cardinal

State Tree: White Oak

State Flower: Violet

Number of Counties: 102

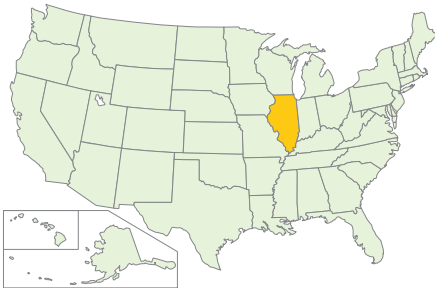
Largest City: Chicago - 2,896,016

Nickname: Land of Lincoln

Number of Farms: 75,087

Average Farm Size: 358 acres

Total Farmland: 26.7 million acres



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Climate & Soil

- The climate of Illinois is good for crop growth.
- Hot summers help plants grow and cold winters help soil replenish itself.
- Southern Illinois typically receives 40" of rain each year and Northern Illinois typically receives 34".
- Winds from the Gulf of Mexico bring most of the rain and snow to Illinois.
- The Northern part of Illinois averages 25°F in January and 75°F in July. The Southern part of Illinois averages 36°F in January and 79°F in July.
- The average depth of top soil in Illinois is 12.6".
- Illinois has some of the richest and most productive soil in the world.
- "Drummer" soil series has been designated the official state soil.
- Illinois has approximately 1,500 different soil types.

Crops & Livestock

- Corn and soybeans are the top Illinois crops. Corn and Soybeans combined account for over \$13 billion dollars in farm sales.
- Most corn is used for livestock feed, but can also be used for ethanol (a fuel additive), plastics, foods, and much more.
- Illinois produces enough corn each year to fill a train of box cars stretching more than 7,600 miles from here to Hong Kong.
- Most soybeans are used for livestock feed but can also be used for soybean oil, medicines, soy ink, paints, cosmetics, and much more.
- Illinois ranks #2 in the U.S. for both corn and soybeans.
- Illinois leads in the production of pumpkins and horseradish, both of which are specialty crops.
- There are 1,300,000 cattle, 4,650,000 pigs, 69,000 sheep and 200,000 horses in Illinois.
- Illinois dairy cattle produce over 1.8 million pounds of milk each year.
- Illinois poultry producers produce over 1.4 million eggs each year.

General

- Each Illinois farmer feeds 156 people.
- In Illinois, 30.8 million acres of land is used for agricultural purposes. 3.3 million acres are urban and built up land. 1.9 million acres are rural transportation and governmental lands.
- Illinois ranks 7th nationally for agricultural sales in the United States.



A Look at *Indiana* Agriculture

Capital: Indianapolis

Population: 6,619,680

Founded: December 11, 1816 (19th)

State Bird: Cardinal

State Tree: Tulip tree

State Flower: Peony

Number of Counties: 92

Largest City: Indianapolis - 853,173

Nickname: Hoosier State

Number of Farms: 57,700

Average Farm Size: 255 acres

Total Farmland: 14.7 million acres



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Climate & Soil

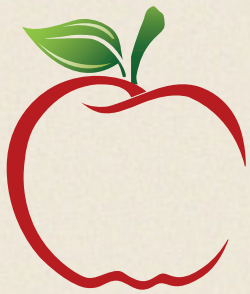
- Indiana's growing season ranges from 160 to 190 days.
- The state's average annual rainfall ranges from 36" in the north to 46" in the south.
- Indiana's normal temperature ranges from 70 to 80° F in the summer and 25 to 35° F in the winter.
- Altitude varies from a high of 1,257 feet above sea level in east central Wayne County to a low of 320 feet in southwestern Posey County.
- The flat areas of Miami soils are used mainly for corn, soybeans, or winter wheat.
- The steeper areas are used as pasture, hayland, or woodland.
- There are 794,994 acres of Miami soils in Indiana.
- Indiana is nationally ranked for agricultural production because of the highly productive Miami soils along with other prime farmland soils in the State.

Crops & Livestock

- Indiana ranks 5th nationally in the production of corn; producing 822 million bushels in 2015.
- Indiana ranks 4th in the production of soybeans with 275 million bushels produced in 2015.
- Indiana is the 2nd largest producer of popcorn in the nation producing more than 20% of the U.S. popcorn supply.
- Indiana ranks 2nd in tomatoes for processing.
- Indiana ranks 4th in peppermint producing 400,000 lbs. and 4th in spearmint producing 189,000 pounds.
- Indiana ranks 1st nationally in duck production, 2nd in egg production, 3rd in layer chickens and 4th in turkey production. Indiana is also nationally recognized for broiler production.
- Indiana produces more ducks than any other state in the nation.
- Fruits and vegetables: 3rd Fresh cantaloupe, 5th watermelon, 4th snap beans for processing, 6th cucumbers for pickles
- Indiana ranks 2nd in the production of both regular and fat free ice cream.

General

- Agriculture plays a vital role in the economic stability of Indiana. In 2015, farmers had cash receipts from the sale of all commodities (crops and livestock) totaling \$11.2 billion.
- In 2015 Indiana ranked 10th nationally for total farm sales in the United States.
- The average age for an Indiana farmer is 55.8 years old.
- More than 16 percent of Indiana's workforce is connected to agriculture, with 573,874 Hoosiers employed by farms.
- Eight major interstate highways cross the state and provide easy one-day access to 80% of the U.S. population.



A Look at *Louisiana* Agriculture

Capital: Baton Rouge

Population: 4,410,796

Founded: April 30, 1812 (18th)

State Bird: Eastern Brown Pelican

State Tree: Bald Cypress

State Flower: Magnolia

Number of Counties: 64

Largest City: New Orleans, 1 million

Nickname: Pelican State

Number of Farms: 30,000

Average Farm Size: 269 acres

Total Farmland: 8.1 million acres



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Climate & Soil

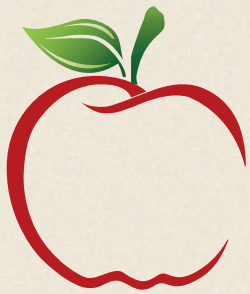
- Climate is humid, subtropical.
- The average annual precipitation ranges from 48" in the northwestern part of the state to 70" in the southeastern part of the state.
- January is the coldest month with temperatures ranging from 32°F to 55°F.
- July is the warmest month with temperature ranging from 73°F to 93°F.
- Louisiana is divided into 5 natural regions based on differences in relief, soil, and vegetation: Mississippi Floodplain, Terraces, Marsh, Red River Valley and the Hills.
- Elevation ranges from approximately 4 feet below sea level in New Orleans to 535 feet above sea level on Driskell Mountain in Bienville Parish.

Crops & Livestock

- More than 40% of the U.S. grain exports move through Louisiana ports.
- Poultry is the largest animal industry in the state; in 2000, 1.1 billion pounds of broilers and 35.7 million dozen eggs were produced.
- Louisiana ranks #1 in the nation in the production of crawfish, shrimp, alligators, menhaden, and oysters.
- The commercial fishing industry produces 25% of all seafood in the U.S. and includes shrimp, menhaden (pogy), crabs, and several species of finfish.
- Forestry is the #1 agriculture industry in Louisiana (13.9 million acres of forests).
- The other top crops in Louisiana are rice, corn, sugarcane, soybeans, and cattle and calves.
- Ranked 3rd nationally for rice production.
- Louisiana is the sole source of the Tabasco pepper, a popular condiment known around the world and for perique tobacco, which is used as flavoring with other tobaccos.

General

- The top three industries in Louisiana are the petrochemical industry, agriculture and tourism.
- Louisiana is the 3rd largest producer of petroleum and the 2nd largest producer of natural gas in the United States.
- Louisiana has the greatest concentration of crude oil refineries, natural processing plants and petrochemical products facilities in the Western Hemisphere.
- Louisiana has the longest coastline of any state – 15,000 miles.
- Louisiana has 5,000 miles of navigable waterways.
- Louisiana is home to 41% of the nation's wetlands.
- The Mississippi River, which ends its journey in Louisiana by emptying into the Gulf of Mexico, drains at least 31 states. It is the Mississippi River that has formed much of the state.



A Look at *Mississippi* Agriculture

Capital: Jackson

Population: 2,938,618

Founded: December 10, 1817 (20th)

State Bird: Mockingbird

State Flower: Magnolia

State Tree: Magnolia

Number of Counties: 82

Largest City: Jackson - 184,256

Nickname: Magnolia State

Number of Farms: 42,000

Average Farm Size: 273 acres

Total Farmland: 11.4 million acres



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Climate & Soil

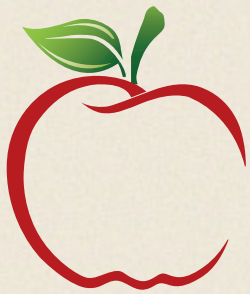
- Mississippi is warm and moist with long summers and short winters.
- The average temperature for July 81° F and the average January temperature is 46° F.
- The average precipitation is about 50" in the northwest and about 65" in the southeast.
- Most of the fertile earth is silt that is deposited by floodwaters of the Mississippi River.

Crops & Livestock

- Broiler (meat) chicken and soybeans are Mississippi's most valuable agricultural products.
- Cotton is grown in the northwest part of the state, and the northeast part grows the majority of the cotton.
- Cattle farms are common in all parts of Mississippi except the Mississippi Delta.
- Mississippi ranks fourth nationally for the production of rice. The crop was valued at \$178 million dollars in 2009.

General

- Mississippi ranks fifth nationally for poultry and poultry products. It's approximate value in 2009 was \$384 million dollars.
- Livestock and crops each provide about half of the state's total farm income.
- Aquaculture, or fish farming, is also an important part of the state's agricultural production.



A Look at *Missouri* Agriculture

Capital: Jefferson City

Population: 6,021,988

Founded: August 10, 1821 (24th)

State Bird: Bluebird

State Tree: American Dogwood

State Flower: Hawthorn

Number of Counties: 114

Largest City: Kansas City - 464,310

Nickname: Show-Me State

Number of Farms: 99,170

Average Farm Size: 285 acres

Total Farmland: 28.3 million acres



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Climate & Soil

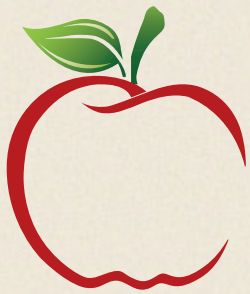
- Missouri has approximately 700 types of soil
- There is not an official state soil type, but menfro is proposed for this honor
- Menfro soil has a dark brown silt loam surface layer with brown silt loam substance
- Daniel Boone is buried in menfro soil
- Soils North of the Missouri River are glacial till and loess
- Soils South of the Missouri River are loess and residuum
- It takes 100 to 1,000 years to develop 1" of topsoil
- Missouri has a wide range of climate good for both crops and livestock
- The annual average precipitation is 35"
- The annual average temperature in Northern Missouri is 50 degrees
- The annual average temperature in Southern Missouri is 60 degrees
- Spring is tornado season in Missouri

Crops & Livestock

- Missouri dairy cows produced 1,349,000,000 pounds of milk in 2013
- In 2012, Missouri had 3,900,000 head of cattle and 83,000 sheep
- Missouri ranks 2nd in the number of beef cows
- Missouri produces over 7.5 million turkeys
- Missouri ranks 4th in turkey production
- There are over 117,000 horses and ponies in Missouri
- Corn and Soybeans are the top row crops in Missouri
- 54% of Missouri land is used for crops
- Missouri ranks 4th in soybean production and 11th in corn production
- Hay is the most widely produced crop
- The Bootheel region is the most intensively cropped area
- Cotton and rice are predominant in some Southeastern counties
- Missouri produces numerous fruits, vegetables, and specialty crops

General

- Missouri ranks #2 in number of farms
- Missouri had \$9.1 billion in value of agricultural products sold
- 17% of Missouri farm operators are under 44 years of age
- Agriculture exports in Missouri exceed \$2 billion
- The top 5 exports include: soybeans, live animals, feed grains, cotton, and rice



A Look at *North Carolina* Agriculture

Capital: Raleigh

Population: 10,146,800

Founded: November 21, 1789 (12th)

State Bird: Cardinal

State Tree: Pine

State Flower: Dogwood Blossom

State Mammal: Gray Squirrel

State Dog: Plott Hound

State Insect: Honey Bee

State Shell: Scotch Bonnet

State Saltwater Fish: Channel Bass

State Precious Stone: Emerald

State Beverage: Milk

State Rock: Granite

State Reptile: Eastern Box Turtle

State Historic Boat: Shad Boat

Number of Counties: 100

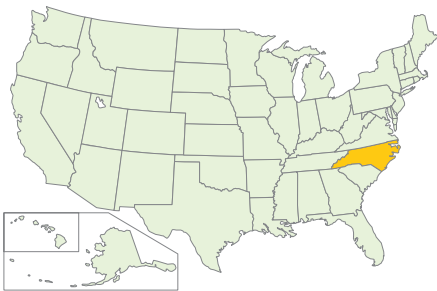
Largest City: Charlotte - 809,958

Nickname: The Tarheel State

Number of Farms: 48,800

Average Farm Size: 170 acres

Total Farmland: 8.3 million acres



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Climate & Soil

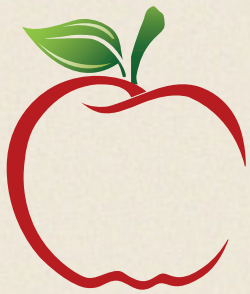
- North Carolina has a broad range of climate conditions due to its three distinct regions: the Appalachian Mountains, the Piedmont, and the Coastal Plains. This topographical variety along with the presence of the Gulf Stream off the coast, gives our state the largest climate variability of any state east of the Mississippi.
- The growing season growing season ranges from 130 days in the northern mountains to 242 in 270 days along the coast.
- The eastern 2/5 of North Carolina is characterized as coastal plain and tidewater. Moving west, the next 2/5 of North Carolina, about 200 miles wide, consists of a piedmont plateau. In the west, the land slopes upward from gentle to rugged rolling hills to the high southern Appalachian Mountains containing the Blue Ridge and Great Smokey Mountains.
- There are over 400 different soils in North Carolina. A variety of crops flourish on almost all of the soils in North Carolina if they receive proper management. Cecil soils occur on the largest number of acres of the soils with the type location in North Carolina. They make up 1,601,740 acres in the state. About half of the acreage is cultivated, and the rest is used for pasture or forest. The most common crops are small grains, corn, cotton, and tobacco.
- Monthly average temperatures range from a high of 89 degrees to a low of 30 degrees.

Crops & Livestock

- North Carolina ranks number one nationally in the production of flue-cured tobacco, and sweet potatoes; second in the production of Christmas trees and third in the production of fresh market tomatoes. Fresh market cucumber and strawberry production in North Carolina ranks fourth in the nation, followed by peanuts and upland cotton at fifth in the nation.
- Hogs and pigs, turkeys, broilers, cattle and calves are the main animals raised by North Carolina farmers. North Carolina ranks second in the nation for the production of hogs and pigs, turkeys and trout sold and fourth in the nation in the production of broilers.

General

- Mount Mitchell is the tallest point in North Carolina, rising to 6684 ft.
- North Carolina had 48,800 farms in 2015. A total of 8,300,000 acres of North Carolina's land is in farms (2015). The average size of a farm is 170 acres.
- North Carolina's agriculture industry, including food, fiber and forestry, contributes over \$84 billion annually to the state's economy, and accounts for 17 percent of the state's income and employs 17 percent of the work force.



A Look at *Tennessee* Agriculture

Capital: Nashville

Population: 6,214,888

Founded: June 1, 1796 (16th)

State Bird: Mockingbird

State Tree: Tulip Poplar

State Flower: Iris

Number of Counties: 95

Largest City: Memphis - 670,100

Nickname: Volunteer State

Number of Farms: 79,000

Average Farm Size: 138 acres

Total Farmland: 10.9 million acres



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Climate & Soil

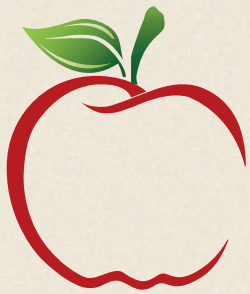
- The climate of Tennessee is good for crop growth.
- Tennessee typically receives 50" of rain each year.
- Winds from the Gulf of Mexico bring most of the rain and snow to Tennessee.
- Tennessee averages 40°F in winter and 78°F in summer. West Tennessee averages 5" of snow while northeastern Tennessee gets 16".
- Tennessee has 3 regional land types:
 - West: row crop land
 - Middle: fertile rolling land
 - East: hilly to mountainous
- The Tennessee state rock is Limestone.
- Tennessee is home to Milan No-till Field Day, the largest field day devoted to conservation tillage.

Crops & Livestock

- Nursery products, soybeans, and corn are the top Tennessee crops.
- Tobacco plants grow five to seven feet tall.
- Cotton is harvested using a picker or stripper.
- Tennessee has more species of trees than any other state.
- Tennessee ranks #2 in the U.S. for hardwood and #3 for tobacco production.
- Tennessee's top agricultural commodities are cattle and calves, broilers (meat chickens), soybeans, corn, and greenhouse/nursery products.
- There are 2,040,000 cattle, 131,400 goats, 2,808,000 chickens and 210,000 horses in Tennessee.
- Tennessee dairy cattle produce over 909 million pounds of milk each year.
- Tennessee farmers produce 323 million eggs per year.

General

- Tennessee has 42,244 square miles of land. (27 million acres)
- In Tennessee, 80 percent of the land is used for agricultural purposes including forestry.



A Look at *Virginia* Agriculture

Capital: Richmond

Population: 8,400,000

Founded: June 25, 1788 (10th)

State Bird: Cardinal

State Flower: American Dogwood

State Tree: Flowering Dogwood

Number of Counties: 95

Largest City: Virginia Beach- 437,994

Largest County: Fairfax - 1,138,652

Nickname: Old Dominion

Number of Farms: 44,000

Average Farm Size: 181 acres

Total Farmland: 8.1 million acres



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Climate & Soil

- The average high temperature in Virginia is 69.5°F, while the average low is 48°F. The average annual rainfall is 43.3".
- Virginia is organized into 5 different regions, which vary widely by climate, soil, and topography. From east to west the regions are Coastal Plain, Piedmont, Blue Ridge Mountain, Valley and Ridge, and Appalachian Plateau.
- Winters in the western part of the state can be bitterly cold while other parts of the state have longer growing seasons and temperatures that rarely drop below 0°F.
- Similarly, annual rainfall totals can vary from 33" in the Shenandoah Valley to more than 60" in the mountains of southwestern Virginia.
- Pamunkey soil is the state soil of Virginia. Pamunkey soils were first identified on a farm near Jamestown, Virginia which is known as the oldest tilled farm in the United States.
- The soil in the Coastal Plain region has the highest concentration of sand. West of Virginia's fall line the soils are clay based, with the Valley and Ridge and Appalachian Plateau regions having darker clay because of the higher mineral content.

Crops & Livestock

- Virginia's agricultural production is one of the most diverse in the nation due to its varying geography and climate.
- The top agricultural commodities in Virginia include broilers, cattle, dairy, soybeans and turkeys.
- Many Virginia commodities and products rank in the top 15 nationally. These commodities include: leaf tobacco, fresh market tomatoes, apples, grapes, peanuts, cotton, turkeys, and broilers.
- Virginia's equine industry has an annual impact of over 1 billion dollars. Famed Triple Crown winner Secretariat was born in Doswell, VA.
- The cultivation of tobacco as a cash crop was a major contributing factor to the success of Jamestown, the first permanent English settlement in the new world.

General

- Agriculture is Virginia's largest industry by far! The industry has an economic impact of over \$70 billion annually and provides nearly 334,000 jobs in the Commonwealth. The industries of agriculture and forestry together have a total economic impact of \$91 billion. Every job in agriculture and forestry supports 1.7 jobs elsewhere in the Virginia economy.
- The top export market for Virginia agriculture is China.
- Nearly 90 percent of Virginia farms are owned and operated by individuals or families.
- Virginia has nearly 44,000 farms, the average size of which is 181 acres. Farms cover 32 percent of Virginia's total land area.