

- ❖ *First chemistry laboratory and first chemistry professor*
- ❖ *First druggist*
- ❖ *First geology book*
- ❖ *First botany professor*
- ❖ *First tests with antifreeze*
- ❖ *First locomotive for railroad use*
- ❖ *First sleeping car for railroad*
- ❖ *First steel passenger railroad coach*
- ❖ *First automobile with a circulating lubrication system*
- ❖ *First automated people mover*
- ❖ *First stone, cast-iron, iron-wire suspension and concrete arch highway bridges*
- ❖ *First seatrain*
- ❖ *First tunnel for general traffic and first railroad tunnel*
- ❖ *First steamboat*
- ❖ *First round-trip airplane flight*
- ❖ *First streetcar*
- ❖ *First passenger cable car (steepest ever built)*
- ❖ *First automobile road map*
- ❖ *First company-owned service station*
- ❖ *First mass transit bus pool purchase plan in the U.S.*
- ❖ *First Bible translated to English in America*
- ❖ *First university for blacks*
- ❖ *First nursing school*
- ❖ *First graduate school for women*
- ❖ *First model school opened*
- ❖ *First encyclopedia*
- ❖ *First commercial high school*
- ❖ *First law digest published*
- ❖ *First book entered for copyright*
- ❖ *First book for the blind*
- ❖ *First printed ballot for an election*
- ❖ *First symphony orchestra*
- ❖ *First water pumping station*
- ❖ *First Christmas savings club*
- ❖ *First bird sanctuary*
- ❖ *First Building and Loan Association*
- ❖ *First advertising agency and advertising school*

- ❖ *First air mail service*
- ❖ *First arcade*
- ❖ *First artist successful in commercial art*
- ❖ *First bottler of mineral water*
- ❖ *First building erected in the United States for public use*
- ❖ *First circus*
- ❖ *First fire patrol and fire insurance company*
- ❖ *First rough-dry laundry service*
- ❖ *First sugar beets grown*
- ❖ *First melon grown*
- ❖ *First mint of the United States*
- ❖ *First commercial museum*
- ❖ *First seed business*
- ❖ *First preparation of soda water*
- ❖ *First use of electric turnstile*
- ❖ *First permanent theater building*
- ❖ *First aluminum-faced building*
- ❖ *First glass crystal chandelier*
- ❖ *First Saturday half-holiday introduced*
- ❖ *First low-rent community housing project*
- ❖ *First planned community*
- ❖ *First program to provide corporations tax breaks for contributing to the community*
- ❖ *First commercial pretzel bakery*
- ❖ *First crematory*
- ❖ *First professional football game*
- ❖ *Pittsburgh is first among cities in per capita amount of cultural institutions, dance, drama and music.*
- ❖ *The Pittsburgh Pirates was the first National League team to play in a World Series.*
- ❖ *The Pittsburgh Steelers was the first professional football team to win six Super Bowls.*
- ❖ *Pittsburgh's port is first among inland port cities in business activity.*
- ❖ *Philadelphia has the nation's largest landscaped park.*
- ❖ *Philadelphia has more teaching medical hospitals than any other city in the world.*

# Pennsylvania

## Firsts In the Nation



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- ❖ *First among states:*
  - rural population
  - number of licensed hunters
  - state game lands
  - potato chip production
  - pretzel production
  - licensed bakeries
  - meat packing plants
  - mushroom production
  - sausage production
  - scrapple production
  - covered bridges
- ❖ *First electronic computer built, first commercial use of electronic computer and first solid-state electronic computer*
- ❖ *First hospital*
- ❖ *First library*
- ❖ *First magazine*
- ❖ *First newspaper*
- ❖ *First zoo*
- ❖ *First institution of art*
- ❖ *First nation's capital*
- ❖ *First government low-interest, long-term financing program to help businesses*
- ❖ *First all motion picture theater*
- ❖ *First radio broadcast*
- ❖ *First commercial radio station*
- ❖ *First television broadcast*
- ❖ *First educational public television station*
- ❖ *First cable television system was founded in Pennsylvania*
- ❖ *First manufacturer of:*
  - boiler plates
  - straw paper
  - hookless fastening
  - lager beer
  - jeans, fustians, everlasting & coatings
  - platinum metal
  - mustard
  - printer's ink
  - quinine
  - rootbeer
  - wallpaper
  - folding bed
- ❖ *First transistors produced commercially for a specific product*
- ❖ *First production of cottonseed oil*
- ❖ *First commercial production of zinc*
- ❖ *First production of expandable polystyrene*
- ❖ *First commercial installation of ball bearings*
- ❖ *First production of rayon*
- ❖ *First commercial production of aluminum*
- ❖ *First commercial production of electric meters*
- ❖ *First steel mill with an electrical machine*
- ❖ *First commercial use of telephone with push buttons*
- ❖ *First commercial use of picturephone*
- ❖ *First dual elevator in service*
- ❖ *First electric watch*
- ❖ *First belt conveyor system*
- ❖ *First use of aluminum walls for building construction*
- ❖ *First rolling mill*
- ❖ *First iron casting*
- ❖ *First carpet mill*
- ❖ *First paper mill*
- ❖ *Pennsylvanians have invented, patented or discovered:*
  - electronic computer
  - polio vaccine
  - air brakes
  - Bessemer steel-making process
  - bifocals
  - Conestoga wagon
  - Ferris wheel
  - steamboat
  - Franklin stove
  - lightning rod
  - "honey bee lens" for people who are partially blind
  - shock absorber
  - rotary steam engine
  - cement
  - zinc
  - anthracite coal
  - apple parer
  - soldering gun
  - horsepowered mover
  - slicing machine
  - folding machine
- carborundum
- water gas production
- flashcubes
- accordion
- dental mallet
- revolving door
- recumbent chair
- wire glass
- electric motor (interpole direct current)
- water softener
- photographic attempt to show motion
- pencil with attached eraser
- street letter box
- printing press in America
- sandblasting
- steam shovel
- stereoscope
- cable car
- rubber
- automatic telephone system
- textile machinery
- rotary washing machine
- typewriter ribbon
- electric meter
- "Big Mac"
- snap-tops for cans
- Daylight Savings Time
- ❖ *First English patent granted to a resident of America*
- ❖ *First patent reissue*
- ❖ *First print patent*
- ❖ *First successful oil well*
- ❖ *First commercial oil refinery*
- ❖ *First to have natural gas piped to homes for commercial use*
- ❖ *First high-speed, multi-lane highway, the Pennsylvania Turnpike*
- ❖ *First full-scale nuclear power plant (Pittsburgh is the first city to have electricity supplied by atomic power.)*
- ❖ *First public use of polio vaccine*
- ❖ *First biology course offered in a college*
- ❖ *First use of adhesive and medicated plaster in treatment of fractures*
- ❖ *First preparation of dried, human blood serum*