



*first* AMONG STATES:

- number of licensed hunters
- rural population
- covered bridges
- state game lands
- potato chip production
- pretzel production
- scrapple production
- licensed bakeries
- meat packing plants
- sausage production
- mushroom production

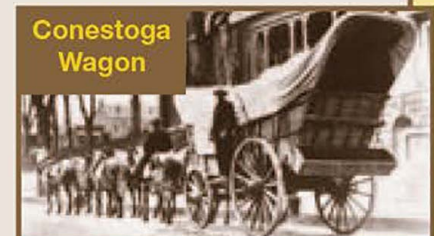


*first* MANUFACTURER OF:

- boiler plates
- straw paper
- hookless fastening
- lager beer
- platinum metal
- mustard
- printer's ink
- quinine
- root beer
- wallpaper
- jeans, fustians, everlasting and coatings
- folding bed

PENNSYLVANIANS have INVENTED, PATENTED or DISCOVERED:

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>• Conestoga Wagon</li> <li>• polio vaccine</li> <li>• electronic computer</li> <li>• Ferris wheel</li> <li>• steamboat</li> <li>• Franklin stove</li> <li>• shock absorber</li> <li>• cement</li> <li>• bifocals</li> <li>• zinc</li> <li>• anthracite coal</li> <li>• apple parer</li> <li>• soldering gun</li> <li>• slicing machine</li> <li>• carborundum</li> <li>• flashcubes</li> <li>• cable car</li> <li>• folding machine</li> <li>• water gas production</li> <li>• accordion</li> <li>• dental mallet</li> </ul> | <ul style="list-style-type: none"> <li>• revolving door</li> <li>• recumbent chair</li> <li>• water softener</li> <li>• street letter box</li> <li>• sandblasting</li> <li>• rotary washing machine</li> <li>• steam shovel</li> <li>• textile machinery</li> <li>• rubber</li> <li>• electric meter</li> <li>• "Big Mac"</li> <li>• horsepowered mower</li> <li>• stereoscope</li> <li>• rotary steam engine</li> <li>• air brakes</li> <li>• snap-tops for cans</li> <li>• wire glass</li> <li>• typewriter ribbon</li> <li>• lightning rod</li> <li>• printing press in America</li> </ul> | <ul style="list-style-type: none"> <li>• pencil with attached eraser</li> <li>• automatic telephone system</li> <li>• Bessemer steel making process</li> <li>• Daylight Savings Time</li> <li>• electric motor (interpole direct current)</li> <li>• photographic attempt to show motion</li> <li>• "honey bee lens" for people who are partially blind</li> </ul> |
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Conestoga Wagon

# PENNSYLVANIA *firsts* IN THE NATION

- First nation's capital
- First electronic computer built, first commercial use of electronic computer and first solid-state electronic computer.

- First television broadcast
- First rolling mill
- First iron casting
- First carpet mill
- First paper mill
- First radio broadcast
- First hospital
- First library
- First magazine
- First newspaper
- First zoo
- First institution of art
- First electric watch



Edwin L. Drake at his oil well in 1861.

- First round-trip airplane flight
- First government low-interest, long-term financing program to help businesses
- First all motion picture theater
- First commercial radio station
- First educational public television station
- First cable television system was founded in Pennsylvania
- 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 patent reissue
- First print patent
- First commercial use of picturephone

- First commercial use of telephone with push buttons
- First dual elevator in service
- First belt conveyor system
- First use of aluminum walls for building construction
- First tunnel for general traffic and first railroad tunnel
- First English patent granted to a resident of America
- **First successful oil well**
- First commercial oil refinery
- First to have natural gas piped to homes for commercial use
- First program to provide corporations tax breaks for contributing to the community
- 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 chemistry laboratory and first chemistry professor
- First preparation of dried, human blood serum
- First druggist
- First botany professor
- First geology book
- First air mail service
- First tests with antifreeze
- First sleeping car for railroad
- **First locomotive for railroad use**
- First steel passenger railroad coach
- First automated people mover
- First rough-dry laundry service
- First seed business



The Stourbridge Lion is the first locomotive ever operated in the U.S. in 1829.

- First automobile with a circulating lubrication system
- **First Commercially Successful Steamboat**
- First high-speed, multi-lane highway, the Pennsylvania Turnpike
- First building erected in the United States for public use
- First Mint of the United States
- First crematory
- First preparation of soda water
- First use of electric turnstile
- **First stone, cast-iron, iron-wire suspension and concrete arch highway bridges**
- First permanent theater building
- First commercial museum
- First aluminum-faced building
- First bird sanctuary
- First glass crystal chandelier
- First Saturday half-holiday introduced
- First low-rent community housing project
- First planned community
- First commercial pretzel bakery
- First professional football game
- Pittsburgh is first among cities in per capita amount of cultural institutions, dance, drama and music
- First streetcar
- First passenger cable car (steepest ever built)
- First university for blacks
- First model school opened
- First bible translated to English in America
- First mass transit bus pool purchase plan in the U.S.
- First water pumping station
- First company-owned service station



CLERMONT - 1807  
First Commercially Successful Steamboat



The first metal arch bridge was completed in 1839.

- First melon grown
- First arcade
- First circus
- First nursing school
- First Christmas savings club
- First advertising agency and advertising school
- First book entered for copyright
- First artist successful in commercial art
- First sugar beets grown
- First book for the blind
- First graduate school for women
- First Building and Loan Association
- The Pittsburgh Pirates were the first National League team to play in a World Series
- The Pittsburgh Steelers were 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
- The Pennsylvania State Police were the first organized state police force in the nation... instituted in 1905
- First symphony orchestra
- First encyclopedia
- First automobile road map
- First printed ballot for an election
- First commercial high school
- First law digest published
- First bottler of mineral water
- First fire patrol and fire insurance company
- First searain



Governor Samuel Pennypacker established game preserves in Pennsylvania in 1905.