Silver's electrical, thermal, malleable and reflective properties are among the strongest of the known elements, making it the material of choice for many manufacturers.

Silver will continue to be in high demand, meaning big economic opportunities for silver-rich states.

Silver's electrical conductivity of all metals highest

Silver's thermal conductivity of all metals highest

Silver is malleable and malleable

Silver's high optical reflectivity highest

NATIONAL SECURITY
Silver's exceptional strength helps protect our troops: it is an essential component of the Air Force C17 transport and the Army's Apache Helicopter.

SOLAR ENERGY
Silver is essential to efficiently turn sunlight into energy

52.4 million oz of silver used annually for solar

70 million oz of silver projected to be used for solar in 2016

The average solar panel uses about 2/3 oz of silver.

HIGH-TECHNOLOGY
Silver is found in the technology that powers your automobiles, microscopes, cameras and plasma TVs and other electronics.

Silver is critical to the development of next generation technologies:

Flexible electronics

- Sensors to monitor stress in bridges, dams, skyscrapers and other large structures

Flexible solar panels

- Flexible displays for devices such as cell phones and tablets

MEDICAL TECHNOLOGY
Silver prevents bacterial growth, accelerates the healing process and can heighten the effectiveness of certain drugs.

For instance, a small amount of silver makes bacteria like E. coli significantly more sensitive to antibiotics like penicillin.

ECONOMY
Silver's exceptional strength helps protect our troops: it is an essential component of the Air Force C17 transport and the Army's Apache Helicopter.

Silver production in the U.S. is a major economic driver and job creator.

Silver will continue to be in high demand, meaning big economic opportunities for silver-rich states.

1,170 tons of silver produced in the U.S. in 2015

Silver production in the U.S. is a major economic driver and job creator.

Silver production in the U.S. is a major economic driver and job creator.

25,994 tons of estimated silver produced globally in 2015

Silver is malleable and malleable

Silver's high optical reflectivity highest