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Golden nation

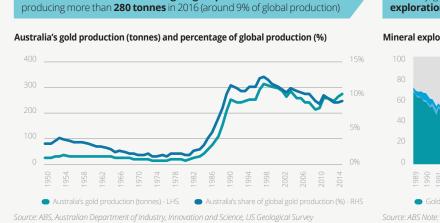
The gold industry's economic and social contribution to Australia May 2017

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From the 1850s, the demand for gold has helped grow, sustain and define Australia



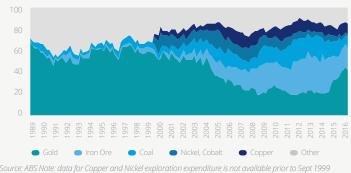
The gold industry makes a strong contribution to our nation's economic prosperity, creating jobs



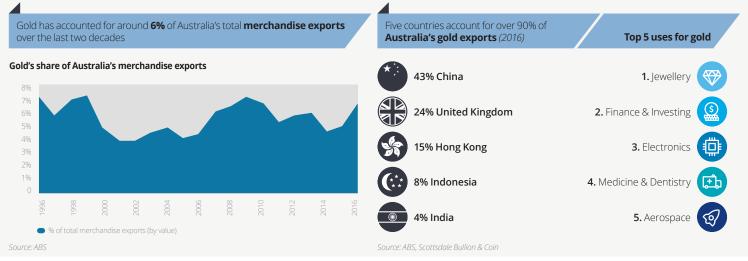
Australia is the world's second largest gold producer, behind China,

Currently, gold accounts for around 50% of all expenditure on mineral **exploration** in Australia - **\$617.6 million** in 2016

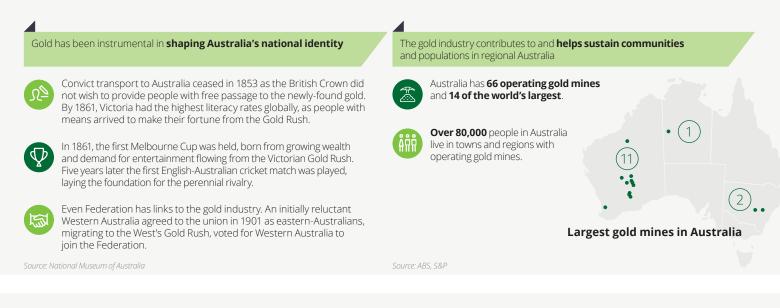
Mineral exploration in Australia expenditure by commodity (%)



Gold companies produce a treasured, essential commodity and give back to communities



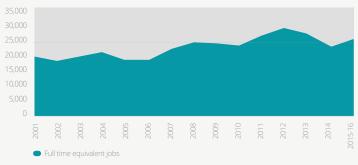
The gold industry has played and continues to play a fundamental role in Australia's history, economy and social fabric



and generating wealth

Over 26,000 people in Australia rely directly on the gold mining sector for employment

Full time jobs in Australia's gold mining sector



Source: ABS, Deloitte Access Economics, WA Department of Mines and Petroleum

In total, the mining of gold ore is estimated to contribute more than \$13.4 billion to the Australian economy in 2016-17

The *direct* contribution of the mining of gold ore is estimated to be \$5.9 billion.

The *indirect* contribution of gold ore mining is estimated to be a further \$7.5 billion

This includes value added by:

- Professional, scientific and technical services
- Exploration and mining support services
- Other repair and maintenance services
- Construction services.



Gold is increasingly used and recycled in **new technology** and medical developments Environment Recycled gold constitutes approximately one third of global world supply. In 2013-14 Australia recycled mobile phones containing around \$7.6 million worth of gold. Nanotechnology

Gold nanoparticles are a key component of optical modulators, which may offer a new way of processing information using light in the same way a computer processes information using electrons.

Medical

Gold is used to modify anatomic particles, supporting the detection and treatment of cancerous cells.

Gold mining companies make an important contribution to the **social fabric** of local communities

- Norton Gold Fields donated \$50,000 to the Goldfields Individual and Family Support Association's weekend program, providing activities for children with disabilities and respite for their carers
- Gold Fields Australia's Foundation donated \$50,000 to fund facial recognition software, which helps to diagnose medical conditions in Indigenous children
- Since 2009, Gold Fields Australia's scholarship program has assisted Indigenous students to complete tertiary education
- Gold Road Resources supports the 'Together We Can' activity program, improving the health and wellbeing of Indigenous youth in the remote Cosmo-Newberry community
- Ramelius Resources provides unlimited support to St John Ambulance and the Royal Flying Doctor Service in Mount Magnet.

Deloitte Access Economics was commissioned by the Gold Industry Group to study the economic and social contribution of the gold industry in Australia.

The Gold Industry Group is a not-for-profit, member-based industry association governed by a Board of Directors.

The Gold Industry Group represents the interests of gold producers, explorers, prospectors, and service providers to collectively champion and promote the importance of the gold sector in Australia.



www.goldindustrygroup.com.au

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