



Scorecard Highlights

Scorecard Year

● 2018

○ 2019



Research & Collaboration

NSW invests well in research and development



NSW ranks 4th for business investment in R&D behind only the USA, Germany and Singapore.

\$10b

A total of over \$10 billion was invested in R&D in NSW in 2014. The not-for-profit and government sectors are a small proportion of R&D spend in NSW and across all comparative jurisdictions.

NSW produces quality research



In the last 10 years, NSW has produced 3,115 research papers that were in the top 1% most highly cited in the world.



13% of researchers in NSW are in the global top 10 in at least one specialised topic.



Three of NSW's 11 public universities rank in the top global 200.

NSW is taking action to improve collaboration

\$18m

Several new programs aim to improve NSW's university-industry collaboration, including the \$18 million Boosting Business Innovation Program and the Sydney Startup Hub.

83.8

NSW universities lead the nation with 83.8 research collaborations per institute, compared to an average of 59.8 for Australia.



Skills & Enterprise

NSW has a skilled workforce



47% of the NSW workforce held a tertiary qualification in 2016, ranking NSW 4th behind only Singapore, Canada and Victoria.

NSW has an active startup sector



NSW ranks 3rd behind California and Singapore for its number of startup founders.



44% of Australian startup founders are based in NSW.

NSW can look to boost its venture capital activity

\$199m

NSW attracted \$199m of venture capital investment in 2017 and had 100 local venture capital firms.

7/10

NSW ranked 7/10 for venture capital investment as a percentage of GDP in 2016.

NSW businesses are building their digital capability



12.6% of NSW businesses are using digital technologies associated with higher growth, ranking 5/12 for digital capability.



Growth & Productivity

NSW has strong GDP growth



In 2016, the NSW GDP growth rate was 3.9%, ranking 2/10 behind only New Zealand.

NSW businesses are growing



NSW ranks 3rd behind the UK and California on firms that have increased their staff by >10% per annum for two years.

NSW is improving its energy productivity



Energy productivity has been steadily improving in NSW.

2.8
MEGA JOULES
OF ENERGY

For every dollar of GDP in 2015, NSW used 2.8 megajoules of energy.