

Outcome

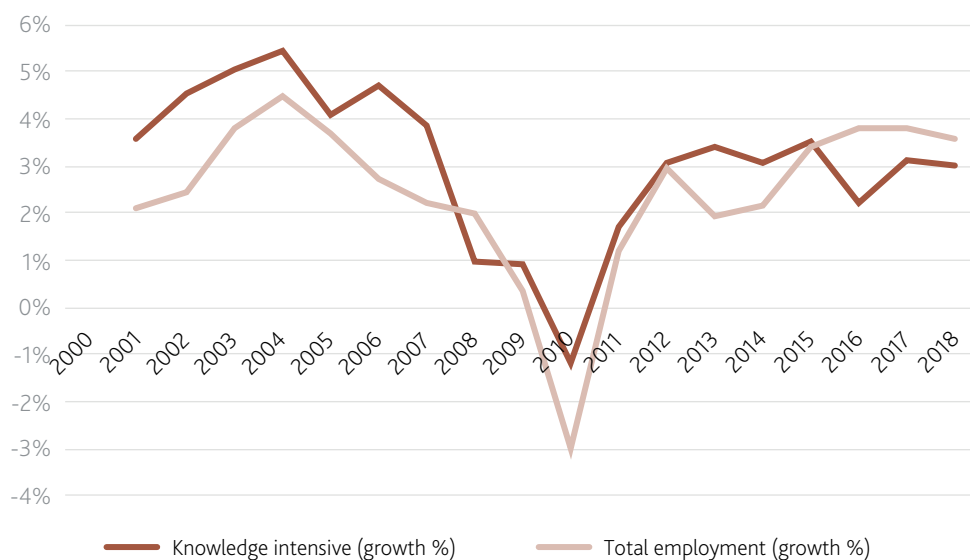


Opportunity and Prosperity

Measure 3

Employment in advanced industries

Knowledge Intensive industries and total employment growth (%)



Data

Employment in advanced industries (Australian & New Zealand Standard Industrial Classification, NZSIC 7 digit) defined as knowledge intensive: 25 per cent of workforce have degrees and 30 per cent are professional, managerial or scientific and technical

Source

Infometrics, Auckland regional economic profile – skills – knowledge intensive.

Frequency

Annual

Availability

Advanced industries: one-off https://www.aucklandnz.com/sites/build_auckland/files/media-library/documents/J000922_Paper_1_FINAL_Advanced_industries.pdf ; knowledge industries: public access funded by Council subscription to Infometrics website portal <https://ecoprofile.infometrics.co.nz/Auckland/Skills>

Note

Employment here is average number of filled jobs (including self-employed and working proprietors and part-timers) for the year ended March, estimated by Infometrics from Statistics New Zealand's quarterly Linked Employer Employee Data (LEED).

Advanced industries are largely a subset of knowledge intensive industries (11% versus 36% of Auckland's workforce), defined by high spending on research and development, and workers having degrees in science, technology, engineering and mathematics (STEM).

Relevance

Knowledge Intensive (KI) industries are those in which the generation and exploitation of knowledge play the predominant part in the creation of economic activity. They represent an increasing share of the New Zealand economy's output and employment, and may be a source of future productivity growth.

Baseline (2018)

In 2019 growth in knowledge intensive industries and the total employment market averaged around 3 per cent and 3.6 per cent, respectively.

Analysis

Between 2000 and 2018 there was a general increase in the growth of Auckland's knowledge intensive industries as well as in the total employment market. Some negative growth occurred in both knowledge intensive industries and the total employment market around 2009 and 2010. Growth figures recovered following this period. However, these figures have not matched the 2004 peak of over 5 per cent and over 4 per cent in the knowledge intensive industries and the total employment market, respectively.

(-) Trend

From 2001 to 2018 no significant change.