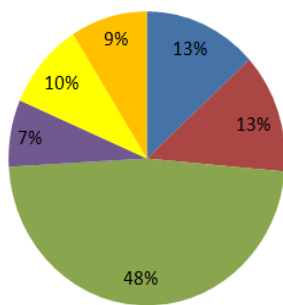


Primary Industries



Proportion of GDP productivity across the Vocational Pathways measured by GDP from labour (per person) for 2015



Capital intensity measured as the share of GDP which is attributable to capital, in each Vocational Pathway



Source: Infometrics

- **Total GDP 2015: \$219,529m**
- **Primary Industries share of GDP: \$17,123.26m**
- **Primary Industries (including an aspect of Manufacturing and Technology) share of GDP: \$4,610.11m**

National contribution to economic growth 2005-2015 (\$M)

- Primary Industries contributed towards the \$19,903m provided from the 'All other industries' category

National contribution to top 50 employing industries in NZ in 2015

- Dairy cattle farming
40,260 jobs – 1.80% of NZ total
- Other agriculture and fishing support services
20,174 jobs – 0.90% of NZ total
- Meat Processing (alongside Manufacturing and Technology)
19,476 jobs - 0.9% of NZ total

Source: Infometrics

Vocational Pathways Awards 2014

- 1089 awards in 2014 – 6% of total numbers

Trades academies places 2016 in NZ

- 1293 places – 21.20% of total numbers

Type and number of Primary Industries programmes across Trades Academies in 2015

- Agriculture (10)
- Primary Industries – General (8)
- Horticulture (6)
- Equine / Animal Care (VET Nursing) (6)
- Forestry (2)
- Aquaculture / Maritime (2)

Valued skills can include:

- demonstrating knowledge of the New Zealand primary industries sectors
- developing new food and fibre products to meet changing consumer preferences
- managing animal productivity and welfare
- maintaining and improving NZ's sophisticated bio-security system
- maintaining and assisting in laying agricultural/horticultural drains
- demonstrating knowledge of income, taxation, and other deductions for personal financial management
- managing plant productivity and pest resistance
- demonstrating knowledge of principles of quality systems in the wood manufacturing industries
- performing general servicing checks on a motor vehicle
- researching genetics for plant and herd improvement
- demonstrating understanding of advanced plant propagation techniques used for commercial production in New Zealand
- demonstrating knowledge of farm dairy design and the effluent system
- demonstrating knowledge of soil management practices.

Vocational Pathways provide a framework for learner engagement, skill development, work experience and progression.

The Youth Guarantee initiatives provide a set of tools and

New Zealand aims to double the value of Primary Industry exports by 2025. This puts growing pressure and demand for more educated and skilled workers at all levels across the industries.



Primary Industries



What work is available?

There is a wide range of jobs in this environmentally friendly sector that include:

Caring for and rearing animals, fruit and vegetable production, scanning pregnant animals, seed technologist, landscaper, growing and selling flowers, maintaining parks and cemeteries, turf laying and maintenance.

Planting, looking after or measuring trees, sawmill, kiln, or treatment operator, yard supervisor, saw doctor, energy centre operator, paper maker or pulp mill operator, machinist, warehouse person, machines and equipment operator or servicer, wood panels manufacturer.

Project or research engineer, operations or site manager, consultant/adviser, processing food or seafood, dairy farming, monitoring factory environments, supervising factory operations, managing a team, supply chain logistics, transport, heavy vehicle driver.

Export and storage, providing policy advice to government, research worker or scientist, supply chain analyst.

Aquaculture diver, marine farm worker, deckhand, vessel manager, marine engineer, seafood retailer or wholesaler, hydrological data analyst.

*I enjoy being outdoors
and working with
animals and plants.
My path is Green.*

For further careers information go to

Youth Guarantee
youthguarantee.net.nz

Careers NZ
careers.govt.nz/

Occupational Outlook
mbie.govt.nz/info-services/employment-skills/labour-market-reports/occupation-outlook

What industries are there?

GROWING AND PRODUCTION:

Agriculture, horticulture, forestry, seafood, seed industry.

PROCESSING

Meat, dairy and food processing, solid wood processing, wood product manufacturing, pulp and paper, furniture making, seafood processing.

PRIMARY INDUSTRY SERVICING:

Agent/advisory/consultancy, research and science, precision technologies, animal care, customer services, environmental services, equine (horses and racing) government, machinery and equipment, sports turf management, supply chain and export, veterinary services.

Link to jobs listed in Primary Industries Vocational Pathway

<http://www.youthguarantee.net.nz/vocational-pathways/the-six-vocational-pathways/primary-industries-pathway/jobs-in-the-primary-industries/>

Industry Training Organisations for this sector include: Primary ITO, Competenz

Joe Gilvray
Lytton High School



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