

Regional Summaries: Auckland Research Report

Prepared by the Economic Division in Wellington

Key Points

- Auckland contributes 38% of New Zealand's total GDP, employing about 36% of all New Zealand filled jobs.
- In 2019, \$46.2 billion (37%) of New Zealand's total goods trade was via the Ports of Auckland and Auckland Airport.
- Private services, retail and wholesale trade, manufacturing and construction contribute the most to the region's GDP.
- Auckland also has the highest number of export-oriented jobs, but as a proportion of its entire labour composition, Auckland's jobs are within the lower quartile for export jobs as a proportion of its labour force.
- Auckland exported \$32.2 billion (17%) of its total gross output and imported \$14.5 billion (15%) worth of intermediate inputs; the manufacturing sector is the highest consumer of overseas intermediate goods.
- The countries that are key import sources for intermediate inputs, given Auckland's industry composition, are Europe, Australia, China, USA, and Singapore.

Insights

Auckland is New Zealand's largest source of economic activity, contributing \$93.6 billion in GDP and making up 38% of total GDP. Within the region, private services contribute the most to regional GDP (about 40%), followed by retail and wholesale trade (10%), manufacturing (8%), and then construction (7%).

In 2019, \$46.2 billion (37%) of New Zealand's total goods trade was via the Ports of Auckland and Auckland Airport. \$4 billion (7%) of New Zealand's goods exports departed via the Ports of Auckland, while \$24 billion (38%) of goods imports arrived. Key imports via the Ports of Auckland include vehicles (\$6.6 billion) and mechanical and electrical machinery (\$4.5 billion). Auckland airport is similarly important, with a further \$5 billion (8%) of exports departing and \$13 billion (20%) of imports arriving. 80% of imports arriving in Auckland are in industries in which Auckland is a net distributor to the rest of the country.

As New Zealand's major hub both as a source of international connectivity and domestic activity, Auckland has the highest number of employed, around 750,000 – making up 36% of New Zealand's jobs. Unsurprisingly, employment by industry is almost identical to industry GDP contribution. Private services makes up 40% of jobs, followed by retail and wholesale, manufacturing, and construction.

We estimate that \$32.2 billion (17%) of regional gross output is exported. On a proportional basis, comparing against other regions in New Zealand, Auckland falls in the lower half of the group, above Wellington but below Bay of Plenty. This is largely due to Auckland's largest industry, private services, which is less export-oriented than most other industries.

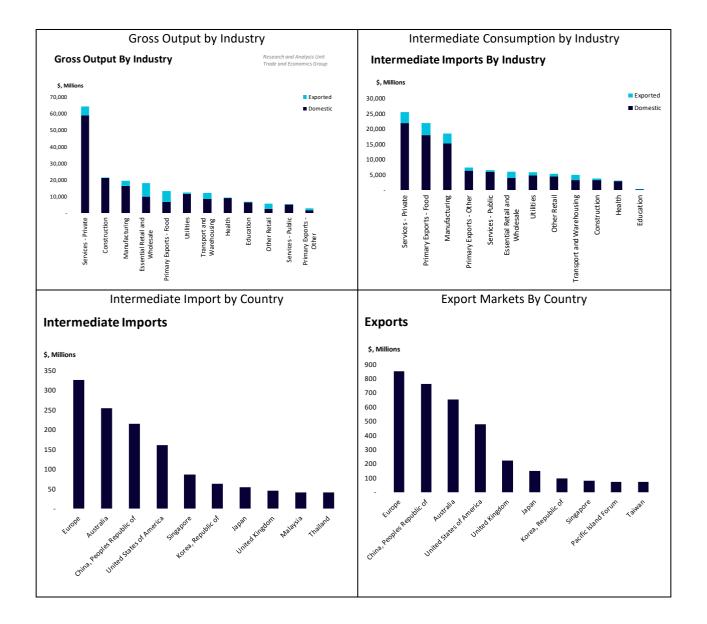
In terms of intermediate inputs into Auckland's industries, about \$14.5 billion (15%) is imported, the remaining coming from domestic sources. In comparison to other regions, Auckland is within the upper half of regions with high imported intermediate consumption. Auckland is above Christchurch for imported intermediate consumption, below Wellington.

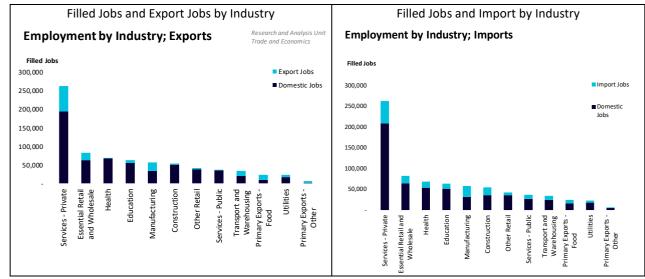
Within Auckland, the manufacturing industry has the highest proportion of imported intermediate consumption of \$4.5 billion (36%). This is predominantly comprised of petroleum products, steel products, other metals, plastics and basic chemicals. After the manufacturing industry, transport and warehousing imports 22% of its intermediate consumption, followed by utilities, 'other' primary exports, and health which each import about 15% of their intermediate consumption.

The countries that are an important source for intermediate inputs into Auckland are the EU, Australia, China, USA, and Singapore, which together account for some 60% of Auckland's imported intermediate consumption. The main export destinations that are important to Auckland are: the EU, Australia and China, which take over half of its exports.

Despite accounting for the greatest share of employment among the regions, export related jobs in Auckland are only about 22% of the total (168,000). As a proportion, Auckland sits within the lower quartile of all regions for total jobs that are export-related. The industries that have the highest proportion of export-related jobs are primary exports (60%), manufacturing (40%) and transport and warehousing (40%). However, the industries that employ the most in export jobs are private services, manufacturing, retail and wholesale.

Auckland is more reliant on goods import jobs of about 184,000 than its goods export jobs. The industries with the highest proportion of import-related jobs are manufacturing (45%), construction (34%), primary food exports (33%), and other primary exports (28%).





Source: Sense Partners, Stats NZ

Note: There is no official trade data by region. In this note we use a novel data set created by Sense Partners for MFAT to link regional gross domestic product by industry to exports. These are our best estimates of exports from the region. Due to data limitations the estimates refer to the year to June 2018. For a non-technical summary of the methodology see <u>MFAT Analytical</u> <u>Report Industry Exposure to Trade</u>.

Category	Industry Grouping	Industry
Кеу	Primary Exports -	AA11. Horticulture and fruit growing
Exporters	Food	AA12. Sheep, beef cattle, and grain farming
		AA13. Dairy cattle farming
		AA14. Poultry, deer, and other livestock farming
		AA31. Fishing and aquaculture
		AA32. Agriculture, forestry, and fishing support services and hunting
		CC11. Meat and meat product manufacturing
		CC12. Seafood processing
		CC13. Dairy product manufacturing
		CC14. Fruit, oil, cereal, and other food product manufacturing
		CC15. Beverage and tobacco product manufacturing
	Primary Exports -	AA21. Forestry and logging
	Other	BB11. Mining
		CC31. Wood product manufacturing
		CC32. Pulp, paper, and converted paper product manufacturing
Essential	Health	QQ11. Health care and social assistance
Services	Essential Retail and	FF11. Wholesale trade
	Wholesale	GH11. Motor-vehicle and motor-vehicle parts and fuel retailing
		GH12. Supermarket, grocery stores, and specialised food retailing
	Transport and	II11. Road transport
	Warehousing	II12. Rail, water, air, and other transport
	5	II13. Postal, courier, transport support, and warehousing services
	Utilities	DD11. Electricity and gas supply
		DD12. Water, sewerage, drainage, and waste services
		JJ11. Information media services
		JJ12. Telecommunications, internet, and library services
Recovery	Non-Primary	CC21. Textile, leather, clothing, and footwear manufacturing
Phase	Manufacturing	CC41. Printing
		CC51. Petroleum and coal product manufacturing
		CC52. Basic chemical and chemical product manufacturing
		CC53. Polymer product and rubber product manufacturing
		CC61. Non-metallic mineral product manufacturing
		CC71. Primary metal and metal product manufacturing
		CC72. Fabricated metal product manufacturing

ANNEX: INDUSTRY AGGREGATIONS

	CC81. Transport equipment manufacturing
	CC82. Machinery and other equipment manufacturing
	CC91. Furniture and other manufacturing
Construction	EE11. Building construction
	EE12. Heavy and civil engineering construction
	EE13. Construction services
Education	PP11. Education and training
Other Retail	GH13. Other store-based retailing and non-store retailing
Services - Private	GH21. Accommodation and food services
	KK11. Finance
	KK12. Insurance and superannuation funds
	KK13. Auxiliary finance and insurance services
	LL11. Rental and hiring services (except real estate)
	LL12. Property operators and real estate services
	MN11. Professional, scientific, and technical services
	MN21. Administrative and support services
	RS11. Arts and recreation services
	RS21. Other services
Services - Public	OO11. Local government administration
	OO21. Central government administration, defence, and public safety
	Education Other Retail Services - Private

Note: The aggregation of industries into Industry Groupings is solely for analytical purposes.

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