



Introduction



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Overview

This Handbook is an analysis that combines all available data on production, international trade, processing volumes and fresh market distribution in order to produce statistics on 75 horticultural categories over the year ending 30 June 2022.

Summary of Approach

This Handbook adopts a modelling approach that centres on determining the fresh market value and volume for each category, that reconciles production with local and international distribution channel throughputs.

Fresh market supply volume is determined as follows:

Fresh Supply = Production - Fresh Exports - Processing + Fresh Imports

- Farm gate production quantity has been informed through a number of sources, including Hort Innovation funded data projects, horticultural government levy data where available and refined through consultation with informed industry bodies. The corresponding value of production is calculated from wholesale pricing information, before removing known logistical, marketing and wholesale costs to reflect product value at the farm gate.
- Export and imports trade volume and value is based on Australian Customs data as reported in IHS Global Trade Atlas data.
- Processing data has been obtained through consultation with industry processors.

See pages 6 and 7 under 'research method' for a detailed description on this Handbook's methodology.

Key influences

This publication covers the year ending 30 June 2022 and profiles the production and distribution of horticultural products. The key influences on horticultural production and distribution over this period are summarised below.

Production of fresh horticulture was impacted by adverse weather and most notably several flood events along the East Coast. Vegetable production was impacted by prolonged rain with several vegetable plantings lost and further constrained by the logistics of moving finished product with limited road access. Lower availability of farm labour compounded production output. The combination of these influences resulted in significantly higher prices for fresh vegetables during the year.

In contrast, fruit has remained in steady supply, due to maturing plantations combined with export market sentiment and logistical constraints, causing more volume flow into the domestic market.

The easing of the COVID-19 restrictions has seen some normality in consumption patterns in retail and food service channels. New South Wales and Victoria opening up and increased consumer confidence flowed into wider retail spending and more eating out. A fuller food service recovery was halted briefly in December due to elevated COVID concerns. However, as this passed and majority of restrictions removed, food shopping behaviour shifted to patterns closer to pre COVID-19 times and with consumer sentiment reflecting a strong resolve to return to normal. The COVID-19 inspired changes that have led to more individuals working from home are unlikely to revert to pre COVID workplace attendance levels. Thus, this will see more households consuming more food at home and making it easier for online food deliveries to be received.

The wholesale value per kg of fresh fruit and vegetables supplied to local market increased by +6% to **\$2.94 per kg** driven largely by vegetables. Total fresh horticultural exports were valued at **\$2.47 billion** in 2021/22, **+4% increase** on the previous year. The increase in export value increase was driven by almonds, mandarins and avocados.

As consumers around the world revert to normal food consumption patterns and international logistical constraints are resolved, export markets will return to being the driver of growth for Australian horticulture.



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Introduction

Availability of valid statistical information is a key enabler across horticulture. The Australian Horticulture Statistics Handbook for the year ending 30 June 2022 is presented by Horticulture Innovation Australia for the purpose of consolidating horticulture statistical information for use by horticulture industry members and other stakeholders.

The information sources for this publication have drawn on data available from the Australian Bureau of Statistics, Hort Innovation funded projects, international trade sources and horticulture representative bodies (IRBs) where available. In this publication, these sources have been expanded to include and draw on household consumption and local market distribution channel information, as assessed by Freshlogic, to provide a reconciled profile of each supply chain.

Note that 'Imports by state destination' refers to the final destination of the product. 'Exports by state of production origin' refers to the state of origin where that product was produced.

Where information has been updated in the 2021/22 release of the Australian Horticulture Statistics Handbook from values in previous editions, the updated figures have been noted on the relevant category page.

Any comments regarding the Handbook should be forwarded to Hort Innovation at: communications@horticulture.com.au

The 2021/22 Handbook has been compiled by Freshlogic.



Abbreviation

% YoY	%increase/decrease this year compared to last year
\$	Australian Dollars
\$b	Billion Australian Dollars
\$m	Million Australian Dollars
2021/22	Year ending 30 June 2022
ABS	Australian Bureau of Statistics
CIF	Cost of Insurance and Freight (a measure of import value)
FOB	Free On Board (a measure of export value)
g	Grams
GTA/IHS	Global Trade Atlas/IHS Markit
kg	Kilograms
KWE	Kernel Weight Equivalent
ha	Hectares
ISWE	In-Shell Weight Equivalent
L	Litres
m ²	Metres squared (a measure of area)
m m ²	Million metres squared (a measure of area)
ML	Mega Litres (1 million litres)
N/A	Not Available
t	Tonnes (1 thousand kilograms)

States

NSW	New South Wales
NT	Northern Territory
VIC	Victoria
QLD	Queensland
SA	South Australia
TAS	Tasmania
WA	Western Australia

Countries

PNG	Papua New Guinea
UAE	United Arab Emirates
UK	United Kingdom
US	United States of America

Definitions

Category—A particular horticultural commodity (e.g. bananas), or in some cases a combination of like commodities (e.g. the category 'rubus berries' covers raspberries and blackberries and other rubus).

Production—The volume in tonnes of the category that was grown in Australia over the year. This refers to production which was sold by the producer, either to the Australian fresh or processing markets, or to international trade markets. This does not cover any production that was not harvested, nor does it refer to any other forms of production of the category that do not enter these markets.

Production Window—The period of time during which the specific category can be grown and harvested in Australia.

Value of Production—Sometimes referred to as 'Farm Gate Value,' this is the value of the production received by the producer.

Processing Volume—The volume in tonnes of the category that was sent to be processed, such as juicing, freezing or preserving.

Fresh Exports—The volume in tonnes of the production that was exported in a fresh form to other countries. Due to the way trade information is recorded, this may include some dried products, and will be marked as such where appropriate.

Value of Fresh Exports—The value in million dollars of the category's fresh exports. This is recorded in FOB (Free on Board) dollars.

Fresh Imports—The volume in tonnes of the category that was imported into Australia from another country in a fresh form.

Value of Fresh Imports—The value in million dollars of the category's fresh imports. This is recorded in CIF (Cost of Insurance and Freight) dollars.

Fresh Supply—The volume in tonnes of the category that was available to the Australian market in a fresh form. Volume supplied to the fresh market is typically either sold at retail or supplied to food service outlets.

Wholesale Value—The value in million dollars of the fresh supply at a wholesale market level, inclusive of net international trade flows. Note that the Wholesale value is distinct from the Gross Value of Production tracked by the ABS, as that measure includes value of processing and exported product, and does not include imported product.

In-Shell (*Nut categories*)—A measure of volume that includes the weight of the inedible shell around the kernel.

Kernel (*Nut categories*)—A measure of volume that only includes the edible kernel.

Crack Out Yield (*Nut categories*)—The percentage of edible kernel obtained from the in-shell volume during the cracking process.



Retail—The retailers who on sell fruit and vegetables to consumers. This encompasses all forms of retailing including; supermarkets, greengrocers, farmers markets, specialty food stores and online offers.

Food Service—The enterprises who use fruit and vegetables as an ingredient in assembling meals. This encompasses all forms of meal provision including; restaurants, cafes, fast food, hotels, travel and event providers, hospitals, schools and other similar institutions.

Research Method

Overview

This publication has gathered all available horticultural information and aligned it into supply chain profiles for each of the horticultural categories covered. The approach for each horticultural category has been to quantify available production, volumes processed, volumes exported and imported, and to then confirm that the resulting fresh volume supplied aligns with the Australian market distribution channels (primarily the retail and foodservice channels). This volume of fresh supply available to the Australian fresh marketplace is defined using the equation:

$$\text{Fresh Supply} = \text{Production} - \text{Fresh Exports} - \text{Processing} + \text{Fresh Imports}$$

The distribution channel modelling has drawn upon Freshlogic's THRUChain modelling system to ensure that fresh supply accommodates the sum volumes distributed by retail and food service channels. In the process of this modelling, information has been gathered from a number of supply chain sources and aligned with household consumer purchase metrics. The primary outputs are designed around aligned supply chains that map the distribution of total production. This design was used to deliver the most informed and accurate profiles and the outputs have been further confirmed by conferring with Industry Representative Bodies. The larger Industry Representative Bodies have advanced supply chain information systems in place and the outputs from these systems have been accessed to provide data inputs and validate findings.

In calculating the production and volume processed, a number of data sources have been relied upon. Where available and in most instances, this has been guided by information from Australian government horticultural levies, and refined through consultation with the Industry Representative Bodies and major trading stakeholders (such as processors, wholesalers and distributors) for the particular category.

Information on Australia's **imports and exports** of fresh and processed horticultural commodities has been compiled using the Global Trade Atlas®, an online global trade information database owned and operated by IHS Markit. Information on Australian trade in the Global Trade Atlas® has been compiled from information provided to the Australian Customs and Border Protection Service. The Import and Export analysis tables for each category identify the import source country under "Imports by country" and the export destination country under "Export by country".

Information on **wholesale value** has been modelled using wholesale pricing information from *Ausmarket Consultants* and the *Chamber of Fruit and Vegetable Industries in Western Australia*. This information has been used to define the **Value of Production** by removing known logistical, marketing and wholesale costs to calculate the value of categories to producers at farm gate.

Information on the **retail and food service channels** is defined by separating the fresh market total volume arrived at by the Freshlogic's THRUchain modelling system, into two channels. Retail volumes are defined to accommodate the total volume of household purchases of fruit and vegetables. The resulting food service volumes are then validated with a network of food service providers. The values of product sold for both channels are based on the wholesale prices.

Consumer information including percent of households purchasing a category, and average purchase quantities, has been sourced from Freshlogic's Mealpulse™ consumer survey and DocketData™ systems. Supply per capita has been calculated as total volume of fresh supply divided by population for the year ending June 2022 according to the ABS. The number of occupied households is assumed at 9.27 million and the population at 25.9 million for the 2021/22 year*.



Data on **production area** and **number of trees** has been gathered from Industry Representative Bodies and the ABS Agricultural Commodities publications**. *This information has been included for indicative purposes only, and should be viewed as such.*

Information on **major growing regions** has been sourced both from the ABS Agricultural statistics, and through consultation with the major Industry Representative Bodies. These sources have also been used to profile seasonality and production volumes by state and by main variety of the category. *Note the information on volume by state and main variety has been included for illustrative purposes, and actual volumes may be within 10-25% of the listed volume.*

Throughout the document when data sources have been relied upon, this has been noted. Some of the more common sources have been abbreviated. The full list of sources has been provided on page 12.

*ABS, Australian Demographic Statistics cat. no. 3101.0

**ABS, Agricultural Commodities cat. no. 7121.0

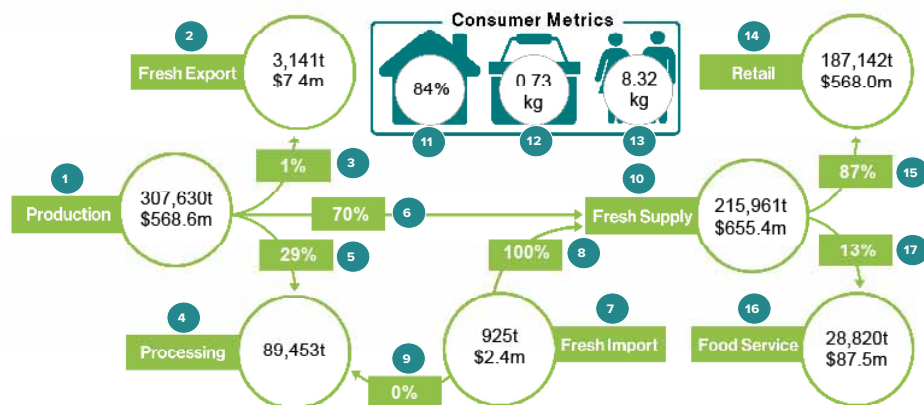


How to use this book

This section outlines how to interpret the various graphs, tables and supply chain models used to profile each of the horticultural commodities covered in this handbook.

Fresh supply chain—Fruit and Vegetables

This example supply chain outlines the flow of a fruit or vegetable category over the year ending June 2022. It contains the following elements:



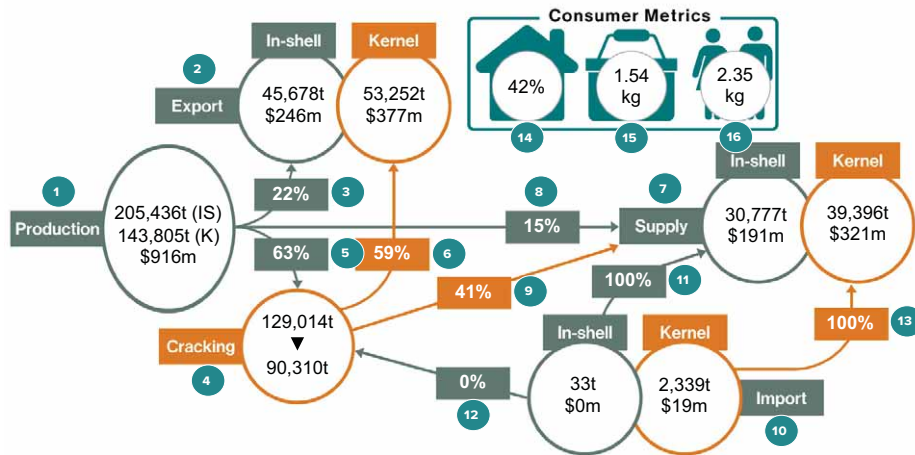
- 1. Production.** This is the volume of the category grown in Australia over the year ending June 2022. This profiles the Production (volume in tonnes), as well as the value in million dollars obtained by the producers i.e. the Value of Production, sometimes known as the farm gate value.
- 2. Fresh Exports.** The volume in tonnes of the production that was exported in a fresh form, and the value in million dollars received.
- 3. Export Share.** The percentage share of production that was exported.
- 4. Processing.** The volume in tonnes of the production that was sent to be processed (such as juicing, freezing or preserving etc).
- 5. Processing Share.** The percentage share of production that was processed.
- 6. Fresh Supply Share.** The percentage share of production that was sent to the Australian fresh market.

- 7. Fresh Imports.** The volume in tonnes of the category that was imported in a fresh format from another country, and the value in million dollars paid to import.
- 8. Import Fresh Supply Share.** The percentage share of fresh imports that was sent to the Australian fresh market.
- 9. Import Processing Share.** The percentage share of fresh imports that was sent to be processed.
- 10. Fresh Supply.** The volume of the category available to the Australian fresh market. It includes both Production that was sold into the fresh market, as well as Fresh Imports that were sold into the fresh market. This profiles the Fresh Supply (volume in tonnes), and the Wholesale Value in million dollars, which is the value of the Fresh Supply at a wholesale market level.
- 11. Household Penetration.** The percentage of Australian households who bought the category at least once at retail, to be consumed either in or out of the home, over the year ending June 2022. 'Out of home' consumption is food prepared away from the home typically via food service channels and not prepared from ingredients purchased via retail.
- 12. Average Purchase Quantity.** The average quantity purchased at retail per shopping trip by Australian households over the year ending June 2022. A shopping trip refers to a trip where this category is purchased.
- 13. Fresh Supply per Capita.** The volume of fresh supply available to the Australian population, on a per capita basis.
- 14. Retail.** The volume of the category that went into the Australian retail market. This profiles the Retail Volume (volume in tonnes), and the Retail Wholesale Value in million dollars, which is the value of the Retail at a wholesale market level.
- 15. Retail Share.** The percentage of fresh supply that was sent to the Australian fresh Retail market.
- 16. Food Service.** The volume of the category that went into the Australian food service market. This profiles the Food Service Volume (volume in tonnes), and the Food Service Wholesale Value in million dollars, which is the value of Food Service at a wholesale market level.
- 17. Food Service Share.** The percentage of fresh supply that was sent to the Australian fresh Food Service market.



Fresh supply chain—Nuts and Olives

This example supply chain outlines the flow of a nut category over the year ending June 2022. Because nuts are sold both in an in-shell and kernel format, the nut supply chain profiles both elements, indicated by grey for In-Shell and orange for Kernel. The chain contains the following elements:



- 1. Production.** This is the volume of the category grown in Australia over the year ending June 2022. This profiles the Production (volume in tonnes), in both In-Shell (written in green and denoted by IS) and the kernel equivalent of this volume after cracking (written in orange and denoted by K), as well as the million in dollars obtained by the producers i.e. the Value of Production.
- 2. Exports.** The volume in tonnes of the production that was exported, and the value in million dollars received.
- 3. In-Shell Export Share.** The percentage share of In-Shell production that was exported.
- 4. Cracking.** The volume in tonnes of the In-Shell production and imported In-Shell product that was sent to be cracked so as to produce kernel. This profiles both the In-Shell volume in, and the Kernel volume out.
- 5. Cracking Share.** The percentage share of In-Shell production that was cracked
- 6. Kernel Export Share.** The percentage share of cracked Kernel that was exported.

- 7. Supply.** This is the volume of the category available to the Australian market. It includes both Production that was sold into the market, as well as Imports that were sold into the market. This profiles the Supply (volume in tonnes), and the Wholesale Value in million dollars, which is the value of the Supply at a wholesale market level. It covers both In-Shell and Kernel supply.

- 8. In-Shell Supply Share.** The volume in tonnes of the In-Shell Production that was supplied to the market.
- 9. Kernel Supply Share.** The volume in tonnes of cracked Kernel that was supplied to the market.

- 10. Imports.** The volume in tonnes of the category that was imported from another country, and the value in million dollars paid to import. Profiles both In-Shell and Kernel imports.

- 11. In-Shell Import Supply Share.** The percentage share of In-Shell imports that was sent to the Australian market.

- 12. In-Shell Import Cracking Share.** The percentage share of In-Shell imports that was sent to be cracked.

- 13. Kernel Import Supply Share.** The percentage share of Kernel imports that was sent to the Australian market.

- 14. Household Penetration.** The percentage of Australian households who bought the category at least once at retail, to be consumed either in or out of the home, over the year ending June 2022. See page 15 for full definition.

- 15. Average Purchase Quantity.** The average quantity purchased at retail per shopping trip by Australian households over the year ending June 2022. A shopping trip refers to a trip where this category is purchased.

- 16. Fresh Supply per capita.** The volume of fresh supply available to the Australian population.

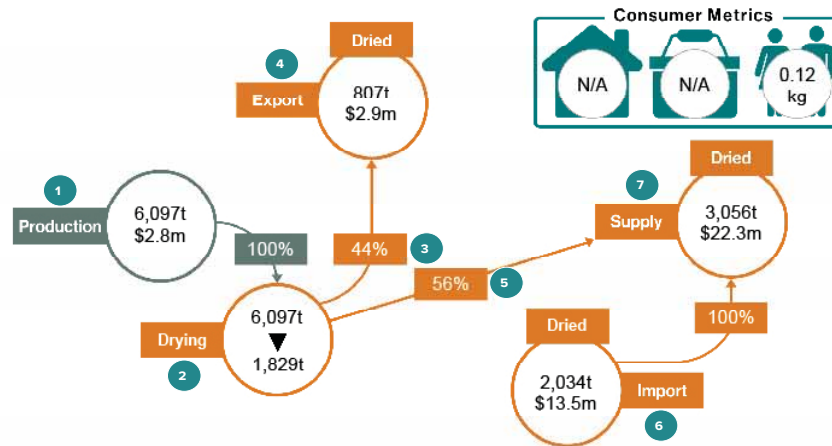
Note: Supply into retail and food service are not reported for Nuts & Olives.

Note: Olives (fruit) uses the same supply chain format as nuts. However, instead of an in-shell form, the supply chain refers to table olives, and instead of a kernel form, the supply chain refers to olive oil. The term "Cracking" is also replaced with "Oil Production".



Fresh supply chain—Dried/Canned Fruit

This example supply chain outlines the flow of a dried/canned fruit categories over the year ending June 2022. It contains the following elements:



- 1. Production.** This is the volume of the category grown in Australia over the year ending June 2022. This profiles the Fresh Production (volume in tonnes), as well as the value in million dollars obtained by the producers i.e. the Value of Production.
- 2. Drying/Canning.** The volume in tonnes of the Fresh production that was sent to be processed. This profiles both the Fresh volume in, and the Processed volume out (written in orange).
- 3. Export Share.** The percentage share of Processing that was exported.
- 4. Dried/Canned Exports.** The volume in tonnes of the Processing that was exported in a Processed form, and the value in million dollars received.
- 5. Supply Share.** The percentage share of Processing that was sold locally.
- 6. Dried/Canned Imports.** The volume in tonnes of imported Processed product, and the value in million dollars paid to import.
- 7. Supply.** This profiles the Supply (volume in tonnes), and the Wholesale Value in million dollars, which is the value of the Supply at a wholesale market level. It includes both Processed production that was sold into the market, as well as Processed Imports that were sold into the market.

Note: Supply into retail and food service are not reported for Dried & Canned Fruit.



Data Tables

These tables are provided for each category. They profile key elements over the last three years (for the years ending June 2020, June 2021 and June 2022), as well as the percentage change in value year on year. For reference, the data tables contain:

YEAR ENDING JUNE	2020	2021		2022	
	Value	Value	%YoY	Value	%YoY
Production (t)	208,277	214,660	+3%	198,389	-8%
Production (\$m)	693.2	\$750.4	+8%	631.8	-16%
Production area (Ha)	25,000	25,000	-	25,000	-
Fresh Export Volume (t)	146,093	152,180	+4%	120,725	-21%
Fresh Export Value (\$m)	555.2	622.9	+12%	460.7	-26%
Fresh Import Volume (t)	16,809	16,364	-3%	12,033	-26%
Fresh Import Value (\$m)	81.3	85.1	+5%	58.9	-31%
Fresh Supply (t)	78,993	78,843	>-1%	89,697	+14%
Fresh Supply Wholesale Value (\$m)	330.8	328.1	>-1%	326.3	>-1%
Supply per Capita (kg)	3.13	3.06	-2%	3.48	+14%
Retail Supply (t)	75,231	75,448	<1%	85,425	+13%
Retail Supply Wholesale Value (\$m)	315.0	314.0	>-1%	310.8	-1%
Food Service Supply (t)	3,762	3,395	-10%	4,271	+26%
Food Service Wholesale Value (\$m)	15.8	14.1	-10%	15.5	+10%

- **Production.** The volume of the category grown in Australia.
- **Value of Production.** The value of the production over the year.
- **Production Area/Number of Trees/Vines.** A measure of the growing area of the category (in hectares), or the number of trees/vines used to grow the category over the year. This data has been gathered from the Australian Bureau of Statistics Agricultural Statistics information, the largest survey of growers available. This information has been included for indicative purposes only, and should be viewed as such.
- **Export Volume and Value.** The volume in tonnes and the value in million dollars of the category exported in a fresh form over the year.
- **Import Volume and Value.** The volume in tonnes and the value in million dollars of the category imported in a fresh form over the year.
- **Supply.** The volume in tonnes of the category made available to the local Australian fresh market, including locally grown product and imported fresh product.
- **Wholesale Value.** The value in million dollars of the supply at a wholesale market level.
- **Supply per capita.** The volume available to the Australian public. Calculated as the volume supply divided by the population for the year.
- **Retail Supply Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian retail market in a fresh form over the year.
- **Food Service Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian food service market in a fresh form over the year.
- **Retail Supply Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian retail market in a fresh form over the year.
- **Food Service Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian food service market in a fresh form over the year.
- **Retail Supply Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian retail market in a fresh form over the year.
- **Food Service Volume and Value.** The volume in tonnes and the value in million dollars of the category that went into the Australian food service market in a fresh form over the year.



Common Data Source

ABBREVIATION	DATA SOURCE	FURTHER INFORMATION
ABS	Agricultural Commodities, Australian Bureau of Statistics	Information from <i>Agricultural Commodities cat. no. 7121.0, 2021-20, 2020-19, 2019-18, 2017-18, 2016-17, 2015-16, 2014-15 and 2013-14 editions has been compiled.</i> <i>Australian Demographic Statistics cat. no.3101.0 June 2020 edition.</i> <i>2016 Census of Population and Housing</i>
AC	Ausmarket Consultants	Wholesale pricing information from the Adelaide, Brisbane, Melbourne and Sydney wholesale markets.
CFVIWA	Chamber of Fruit and Vegetable Industries of Western Australia	Wholesale pricing information from the Perth wholesale market
Freshlogic Analysis	THRUChain analysis — Freshlogic	Supply chain modelling system that aligns the volumes of production and international trade with the volumes distributed through processing and all domestic market channels
GTA	IHS —Global Trade Atlas®	www.gtis.com/gta
IBS	Industry Representative Bodies	Consultation with informed bodies to ensure information reconciles. The abbreviation 'IRB' is listed where multiple industry bodies were contacted for a category/group. Where one industry body was contacted for an individual category, the relevant name is listed.
MP & DD	Mealpulse™ panel and DocketData™	Freshlogic operated information gathering tools that provide the detail of household purchasing behaviours and a basis to reconcile supply with Australian market distribution channels.

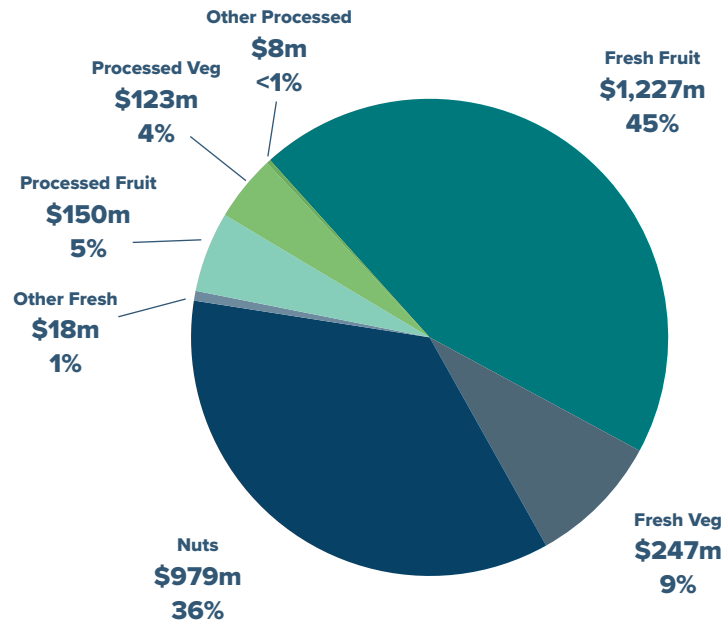
Data sharing – List of projects

In addition to common data sources, a number of Hort Innovation funded projects have provided data outputs which have informed the information provided in this handbook. These are outlined in the table below. Hort Innovation would like to acknowledge their input.

PROJECT CODE	PROJECT TITLE
AL19005 (Almonds)	<i>Australian Almond Industry Statistics and Data collection 2020-2022</i>
AP16002 (Apple/Pear)	<i>Apple and Pear Crop Estimate</i>
AV20000 (Avocado)	<i>Avocado industry and market data capture and analysis</i>
CT18002 (Citrus)	<i>Citrus Market Development; Market Access and Quality</i>
CU15000 (Custard Apple)	<i>Custard Apple Dispatch System 2—CADS 2</i>
MC18003 (Macadamias)	<i>Macadamia Crop Forecasting 2020-2022</i>
MG17000 (Mangoes)	<i>Building best management practice capacity for the Australian mango industry</i>
MT15031 (Dried Grapes)	<i>Australian Dried Fruit Communications Program</i>
NY21000 (Nursery)	<i>Nursery Industry Statistics 2020/21 to 2024/25</i>
OL16001 (Olives)	<i>Australian Olive Industry Benchmarking Program</i>
PI17001 (Pineapples)	<i>Pineapple integrated crop protection program</i>
TU21000 (Turf)	<i>Turf industry statistics 2020/21 to 2024/25</i>
TM17000 (Tomatoes)	<i>Processing Tomato Industry capacity building</i>
VG15077 (Vegetables)	<i>Financial Performance of Australian Vegetable farms 2016-2017 to 2018-2019</i>

Total Australian Horticultural Exports

For the year ending June 2022, Australia exported **\$2.75 billion** worth of horticultural products. Fresh fruit was the largest value export grouping. The value of exports by group is profiled in the chart and table below. The table below also includes the top 3 export categories within each group.

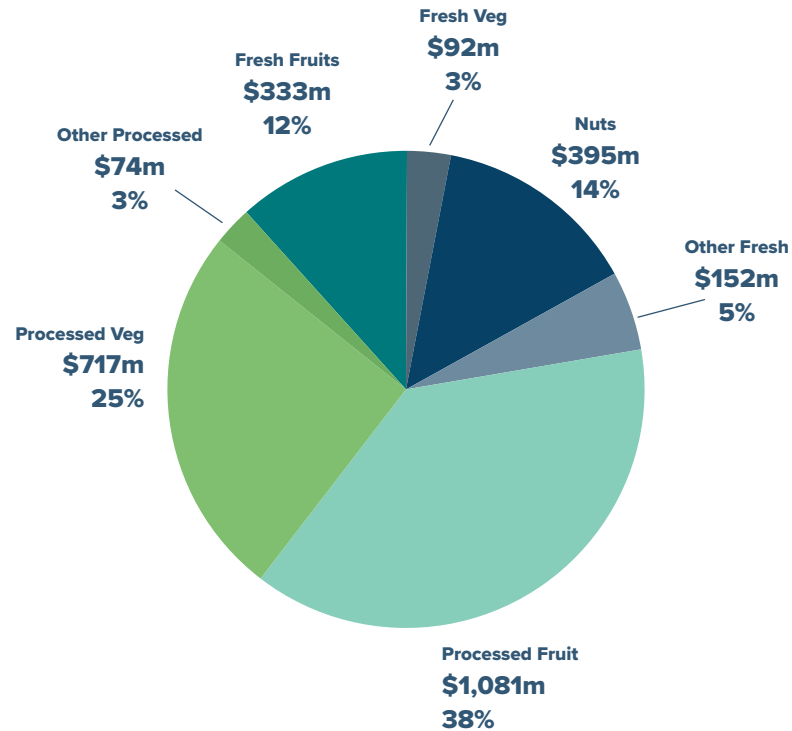


2021/22 TOTAL AUSTRALIAN HORTICULTURAL EXPORTS

Export Group	Value (\$m)	Export Group	Value (\$m)
Fresh Fruit	\$1,226.9m	Other Fresh Horticulture	\$18.2m
Table Grapes	\$440.0m	Cut Flowers	\$9.5m
Oranges	\$260.2m	Live Plants	\$8.6m
Mandarins	\$179.8m		
Fresh Vegetables	\$247.4m	Processed Fruit	\$149.8m
Carrots	\$92.2m	Dried Grapes and Grape Juice	\$39.1m
Potatoes	\$36.2m	Olives and Olive Oil	\$13.5m
Onions	\$33.9m	Orange Juice	\$10.7m
Nuts	\$978.5m	Processed Vegetables	\$123.2m
Almonds	\$623.2m	Tomatoes	\$31.8m
Macadamias	\$289.5m	Potatoes	\$31.5m
Walnuts	\$17.2m	Cabbages	\$2.9m

Total Australian Horticultural Imports

For the year ending June 2022, Australia imported **\$2.84 billion** worth of horticultural products. Processed fruit was the largest value import grouping. The value of imports by group is profiled in the chart and table below. The table to the right also includes the **top 3** import categories by value within each group. The value for nuts include some processed nut products.



Sources: GTA; (Freshlogic Analysis)

2021/22 TOTAL AUSTRALIAN HORTICULTURAL IMPORTS

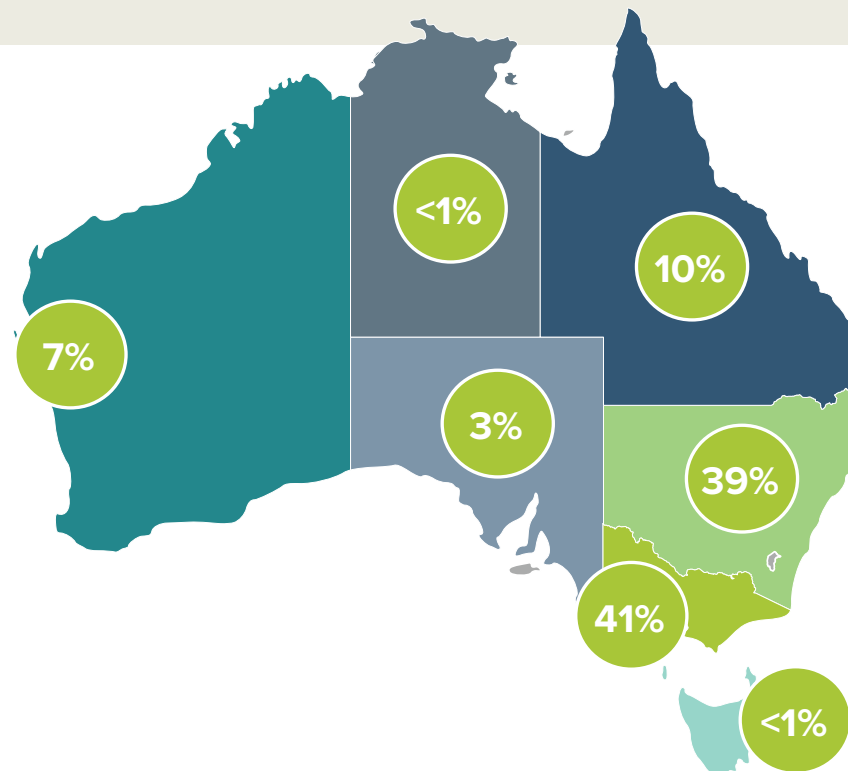
Fresh Fruit		Other Fresh Horticulture	
Fresh Fruit	\$332.8m	Other Fresh Horticulture	\$152.4m
Kiwifruit	\$71.6m	Cut Flowers	\$104.6m
Table Grapes	\$49.6m	Live Plants	\$47.8m
Avocados	\$43.1m		
Fresh Vegetables		Processed Fruit	
Fresh Vegetables	\$92.1m	Processed Fruit	\$1,081.0m
Garlic	\$38.8m	Olives and Olive Oil	\$175.7m
Asparagus	\$17.4m	Dried Tree Fruits	\$45.2m
Mushrooms	\$14.8m	Dried Grapes	\$48.2m
Nuts		Processed Vegetables	
Nuts	\$394.5m	Processed Vegetables	\$717.2m
Cashews	\$146.4m	Potatoes	\$218.7m
Walnuts	\$39.8m	Tomatoes	\$205.6m
Hazelnuts	\$32.5m	Beans	\$77.8m



Fresh Imports by State

This page profiles total fresh horticulture imports by Australian state as indicated. Total fresh horticultural product imports are profiled for each state on products where imports exceed \$1 million, highlighting the top products by value.

The relative share of import value from each of the 7 regions is also profiled in the circle associated with each region. Note that the total value and volume for all regions (located at the bottom of the page) includes import information with no specified state, and therefore may exceed the sum of the individual states.



* Flower and nursery imports are recorded by each rather than weight, and so tonnes of these categories are not included in totals.

Western Australia*	9,395t (\$67.0m)
Cut Flowers*	(\$24.1m)
Table Grapes	980t (\$6.0m)
Blueberries	252t (\$6.5m)
Kiwifruit	1,730t (\$5.0m)
Garlic	1,281t (\$3.2m)
Cashews	262t (\$2.4m)
Live Plants*	(\$2.6m)
Oranges	655t (\$1.2m)
Asparagus	232t (\$1.5m)
Nectarines/ Peaches	258t (\$1.4m)

Northern Territory	(\$0.3m)
Tasmania	(\$4.2m)
South Australia	3,233t (\$29.2m)
Cashews	1,063t (\$7.8m)
Pistachios	398t (\$7.4m)
Cut Flowers*	(\$4.9m)
Kiwifruit	472t (\$1.6m)
Walnuts	18t (\$1.5m)

New South Wales*	65,353t (\$373.8m)
Other Nuts	5,153t (\$48.0m)
Kiwifruit	9,815t (\$32.6m)
Cut Flowers*	(\$37.8m)
Cashews	3,878t (\$33.3m)
Table Grapes	5,007t (\$28.0m)
Avocados	7,180t (\$25.2m)
Hazelnuts	2,230t (\$24.1)
Oranges	6617t (\$18.1m)
Garlic	6187t (\$17.2m)
Blueberries	587t (\$15.1m)
Coconuts	4880t (\$12.7m)

Queensland*	18,557t (\$97.6m)
Avocados	4,643t (\$15.1m)
Live Plants*	(\$10.0m)
Cashews	987t (\$9.1m)
Kiwifruit	3,256t (\$9.0m)
Coconuts	2,572t (\$7.7m)
Other Nuts	285t (\$7.7m)
Cut Flowers*	
Blueberries	205t (\$3.7m)
Garlic	1621t (\$3.5m)
Walnuts	427t (\$3.5m)

Victoria*	64,648t (\$391.9m)
Cashews	11,129t (\$93.8m)
Other Nuts	9,227t (\$53.1m)
Cut Flowers	(\$32.1m)
Kiwifruit	7,728t (\$23.3m)
Live Plants*	(\$29.0m)
Walnuts	3,067t (\$24.6m)
Cocounuts	6,866t (\$20.4m)
Almonds	2,281t (\$18.4m)
Garlic	5,609t (\$14.8m)
Table Grapes	2,944t (\$14.5m)

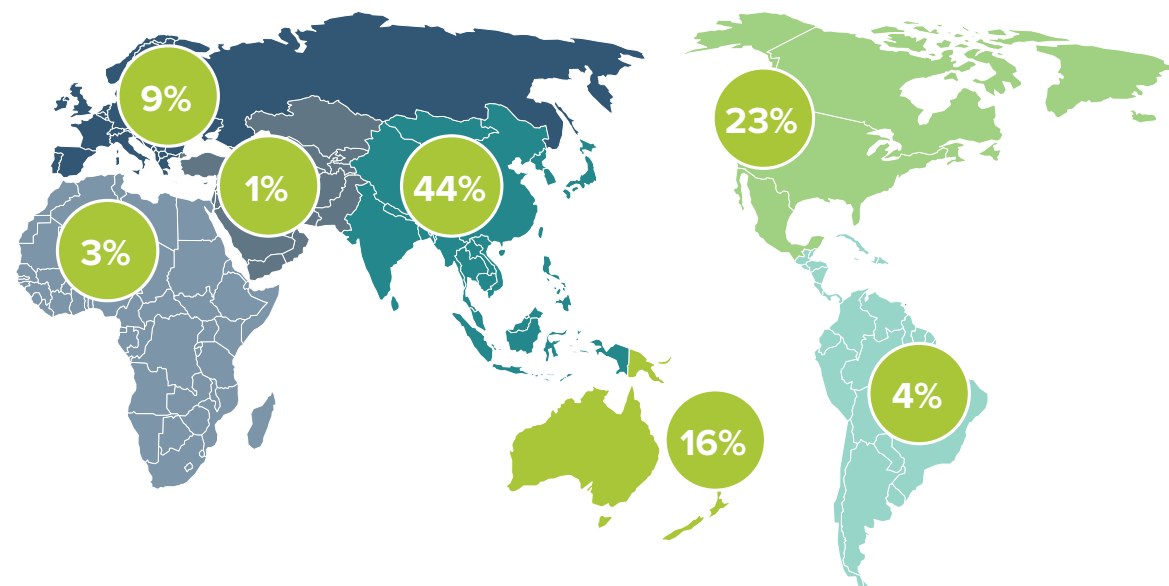
Total Imports	160,517t (\$963.5m)
Cashews	17,318t (\$146.4m)
Other Nuts	16,535t (\$122.4m)
Cut Flowers	(\$104.6m)
Kiwifruit	23,001t (\$71.6m)
Table Grapes	9,105t (\$49.6m)
Live Plants*	(\$47.8m)
Avocados	12,640t (\$43.1m)
Coconuts	14,705t (\$41.8m)
Walnuts	4,969 (\$39.8m)



Fresh Imports by Region

This page profiles total fresh horticulture imports for the 7 world regions as indicated. Total fresh horticultural product imports are profiled for each region on products where imports exceed \$1 million, highlighting the top products by value.

The relative share of import value from each of the 7 regions is also profiled in the circle associated with each region. Note that the total value and volume for all regions (located at the bottom of the page) includes import information with no specified state, and therefore may exceed the sum of the individual regions.



* Flower and nursery imports are recorded by each rather than weight, and so tonnes of these categories are not included in totals.

Asia*	66,403t (\$424.0m)
Cashews	16,918t (\$142.7m)
Other Nuts	10,285t (\$73.7m)
Cut Flowers	(\$58.6m)
Coconuts	13,904t (\$41.1m)
Garlic	11,518t (\$24.9m)
Nursery	0t (\$24.5m)
Almonds	1,243t (\$8.5m)
Walnuts	923t (\$8.4m)
Mushrooms	2,139t (\$6.3m)
Pistachios	249t (\$5.6m)

Europe*	8,204t (\$83.7m)
Hazelnuts	3,140t (\$32.1m)
Live Plants*	(\$18.4m)
Other Nuts	2,747t (\$16.5m)
Almonds	401t (\$5.9m)
Garlic	1,129t (\$5.2m)

Africa	2,434t (\$25.0m)
Cut Flowers	(\$18.6m)
Cashews	153t (\$1.7m)
Lemons/ Limes	658t (\$1.0m)
Live Plants*	(\$0.9m)
Mandarins	562t (\$0.8m)

New Zealand + Oceania*	39,606t (\$158.2m)
Kiwifruit	20,753t (\$61.4m)
Avocados	12,598t (\$42.9m)
Blueberries	1,223t (\$28.9m)
Capsicums	726t (\$3.4m)
Live Plants*	(\$2.7m)
Persimmons	367t (\$2.4m)
Cut Flowers	(\$2.0m)
Other Nuts	299t (\$2.0m)
Ginger	646t (\$1.9m)
Apricots	149t (\$1.0m)

Central & South America*	3,177t (\$42.0m)
Cut Flowers	0t (\$23.0m)
Brazil Nuts	851t (\$9.7m)
Garlic	1,005t (\$3.2m)
Walnuts	234t (\$2.2m)
Cashews	135t (\$1.0m)

Middle East*	1,891t (\$9.4m)
Other Nuts	1,451t (\$6.5m)

North America*	39,885t (\$221.7m)
Table Grapes	9,047t (\$49.0m)
Walnuts	3,796t (\$29.0m)
Oranges	10,738t (\$27.8m)
Other Nuts	1,553t (\$23.0m)
Asparagus	2,622t (\$17.3m)
Pistachios	1,103t (\$15.8m)
Cherries	1,147t (\$11.2m)
Kiwifruit	2,247t (\$10.1m)
Nectarines/ Peaches	1,453t (\$9.7m)
Mandarins	1,481t (\$7.6m)

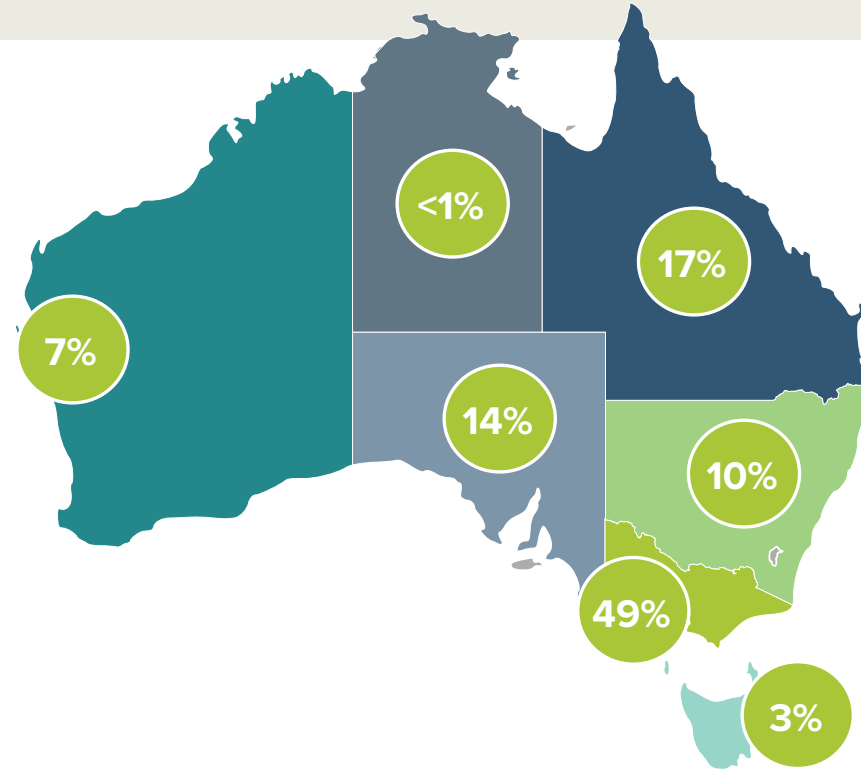
Total Imports	160,517t (\$963.5m)
Cashews	17,318t (\$146.4m)
Other Nuts	16,535t (\$122.4m)
Cut Flowers	(\$104.6m)
Kiwifruit	23,001t (\$71.6m)
Table Grapes	9,105t (\$49.6m)
Live Plants*	(\$47.8m)
Avocados	12,640t (\$43.1m)
Coconuts	14,705t (\$41.8m)
Walnuts	4,969t (\$39.8m)



Fresh Exports by State

This page profiles total fresh horticulture exports by Australian state as indicated. Total fresh horticultural product exports are profiled for each state on products where exports exceed \$1 million, highlighting the top products by value.

The relative share of the value of exports from each of the 7 regions is also profiled in the circle associated with each region. Note that the total value and volume for all regions (located at the bottom of the page) includes export information with no specified state, and therefore may exceed the sum of the individual states.



* Flower and nursery exports are recorded by each rather than weight, and so tonnes of these categories are not included in totals.

Western Australia*	121,167t (\$159.6m)
Carrots	92,641t (\$84.6m)
Strawberries	1,890t (\$17.2m)
Avocados	2,653t (\$11.1m)
Onions	9,208t (\$m)
Table Grapes	96t (\$7.9m)
Potatoes	4,987t (\$7.1m)
Oranges	3,127t (\$4.3m)
Mushrooms	6t (\$4.1m)
Cut Flowers	(\$3.7m)
Celery	2,613t (\$3.5m)

Northern Territory	878t (\$4.7m)
Mangoes	567t (\$3.7m)

Tasmania	27,598t (\$64.3m)
Cherries	2,265t (\$44.0m)
Onions	21,992t (\$14.5m)
Carrots	2,687t (\$2.4m)

South Australia	130,510t (\$337.5m)
Almonds	24,731t (\$182.2m)
Oranges	54,669t (\$86.1m)
Mandarins	15,809t (\$27.4m)
Potatoes	19,788t (\$15.9m)
Onions	9,897t (\$8.6m)

New South Wales*	74,889t (\$236.1m)
Macadamias	2,725t (\$54.6m)
Oranges	24,129t (\$39.5m)
Table Grapes	9,013t (\$32.1m)
Walnuts	4,282t (\$16.5m)
Blueberries	418t (\$12.1m)
Potatoes	18,458t (\$10.8m)
Avocados	2,195t (\$9.9m)
Almonds	1,514t (\$7.6m)
Mandarins	2,575t (\$6.5m)
Muskmelons	2,532t (\$6.0m)

Queensland*	84,051t (\$408.7m)
Macadamias	7,189t (\$157.7m)
Mandarins	44,574t (\$124.3m)
Avocados	5,537t (\$25.6m)
Mangoes	3,008t (\$16.6m)
Muskmelons	5,983t (\$11.4m)
Table Grapes	1172t (\$7.2m)
Beans	1185t (\$6.2m)
Strawberries	597t (\$4.8m)
Oranges	1,987t (\$4.2m)
Cut Flowers	(\$4.0m)

Victoria*	301,814t (\$1,147.7m)
Almonds	72,532t (\$431.8m)
Table Grapes	96,768t (\$391.6m)
Oranges	77,066t (\$125.9m)
Nectarines	6,900t (\$27.9m)
Plums	5,136t (\$21.5m)
Mandarins	12,490t (\$20.7m)
Cherries	1,054t (\$20.5m)
Peaches	3,046t (\$17.7m)
Pears	8,427t (\$13.4m)
Asparagus	1,162t (\$9.8m)

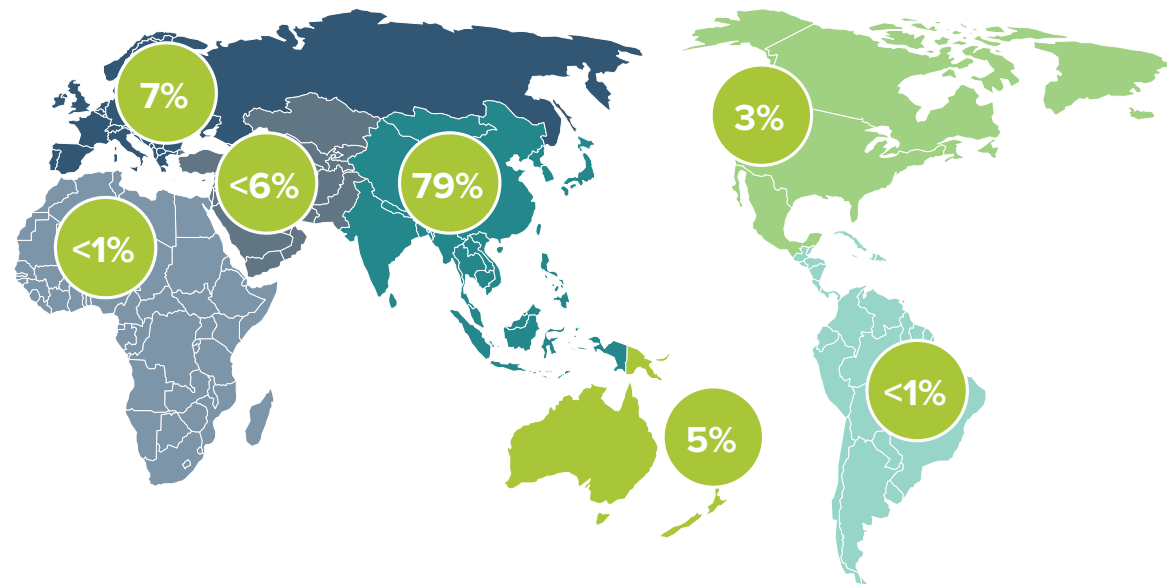
Total Exports	753,779t (\$2,468.9m)
Almonds	98,930t (\$623.2m)
Table Grapes	108,204t (\$440.0m)
Macadamias	25,367t (\$316.4m)
Oranges	161,052t (\$260.2m)
Mandarins	76,013t (\$179.8m)
Carrots	99,247t (\$92.2m)
Cherries	3,885t (\$74.5m)
Avocados	11,611t (\$52.0m)
Potatoes	45,665t (\$36.2m)
Onions	42,302t (\$33.9m)



Fresh Exports by Region

This page profiles total fresh horticulture exports for the 7 world regions as indicated. Total fresh horticultural product exports are profiled for each region on products where exports exceed \$1 million, highlighting the top products by value.

The relative share of the value of exports from each of the 7 regions is also profiled in the circle associated with each region. Note that the total value and volume for all regions (located at the bottom of the page) includes export information with no specified country, and therefore may exceed the sum of the individual regions.



* Flower and nursery exports are recorded by each rather than weight, and so tonnes of these categories are not included in totals.

Asia*	578,998t (\$1,963.5m)
Almonds	73,670t (\$454.9m)
Table Grapes	101,518t (\$414.2m)
Macadamias	23,089t (\$259.3m)
Oranges	140,199t (\$229.0m)
Mandarins	58,826t (\$147.6m)
Cherries	3,728t (\$71.8m)
Avocados	11,418t (\$51.1m)
Carrots	36,371t (\$35.2m)
Potatoes	43,349t (\$33.4m)

Europe*	32,616t (\$172.8m)
Almonds	17,834t (\$114.6m)
Macadamias	954t (\$23.8m)
Walnuts	3,940t (\$15.3m)
Onions	7,580t (\$6.3m)
Cut Flowers	(\$2.4m)

Africa	1,335t (\$8.0m)
Almonds	455t (\$3.6m)
Other Nuts	238t (\$2.2m)
Live Plants*	(\$1.1m)

New Zealand + Oceania*	32,272t (\$116.5m)
Table Grapes	4,545t (\$17.8m)
Almonds	2,040t (\$15.7m)
Mandarins	6,828t (\$12.5m)
Oranges	5,991t (\$8.9m)
Mangoes	1,406t (\$7.3m)
Pears	4,351t (\$6.4m)
Beans	1,183t (\$6.2m)
Strawberries	462t (\$3.6m)
Apples	1,081t (\$2.4m)
Muskmelons	1,181t (\$2.4m)

Central & South America*	775t (\$2.6m)
Almonds	359t (\$2.3m)

Middle East*	86,223t (\$142.7m)
Carrots	60,576t (\$54.5m)
Almonds	3,814t (\$29.9m)
Table Grapes	2,139t (\$8.0m)
Mandarins	4,424t (\$7.0m)
Oranges	5,371t (\$5.3m)
Watermelons	1,312t (\$4.4m)
Macadamias	161t (\$4.4m)
Muskmelons	845t (\$3.5m)
Mangoes	375t (\$2.9m)

North America*	19,938t (\$81.8m)
Macadamias	1,009t (\$26.2m)
Oranges	9,151t (\$16.1m)
Mandarins	5,733t (\$12.2m)
Mangoes	330t (\$3.6m)
Almonds	757t (\$2.3m)
Cut Flowers	0t (\$2.2m)
Pears	1,074t (\$1.7m)
Cherries	82t (\$1.5m)
Mushrooms	2t (\$1.3m)
Peaches	15t (\$1.2m)

Total Exports	753,779t (\$2,468.9m)
Almonds	98,930t (\$623.2m)
Table Grapes	108,204t (\$440.0m)
Macadamias	25,367t (\$316.4m)
Oranges	161,052t (\$260.2m)
Mandarins	76,013t (\$179.8m)
Carrots	99,247t (\$92.2m)
Cherries	3,885t (\$74.5m)
Avocados	11,611t (\$52.0m)
Potatoes	45,665t (\$36.2m)
Onions	42,302t (\$33.9m)



Production Volume

The table below summarises the **Production** in **tonnes** of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Production (t)
All Horticultural Products	6,619,878
All Fruit	2,628,411
Apples	307,630
Avocados	122,197
Bananas	374,033
Berries - Combined	97,552
Blueberries	19,608
Rubus Berries	9,632
Strawberries	68,312
Cherries	17,403
Citrus - Combined	760,077
Grapefruit	11,190
Lemons/Limes	65,921
Mandarins	181,894
Oranges	501,072
Custard Apples	1,641
Kiwifruit	6,903
Lychees	2,072
Mangoes	68,600
Melons - Combined	242,466
Muskmelons	57,801
Watermelons	184,665
Nashi	1,551

Year Ending June 2022	Production (t)
Passionfruit	4,787
Papaya/Pawpaw	16,773
Persimmons	3,463
Pears	121,955
Pineapples	72,244
Summerfruit - Combined	116,432
Apricots	3,448
Nectarines/Peaches	81,186
Plums	31,798
Table Grapes	195,925
Processing Fruit - Combined*	145,747
Dried Grapes	9,917
Prunes*	6,097
Other Dried Tree Fruit*	1,761
Canned Fruit*	50,973
Olives	77,000
Other Fruit	7,793
All Vegetables	3,704,387
Artichokes	447
Asparagus	7,369
Beans	28,169
Beetroot	14,660
Broccoli/Baby Broccoli	71,786

Sources: ABS; GTA; IRB; MP & DD (Freshlogic Analysis)

Year Ending June 2022	Production (t)
Brussels Sprouts	5,353
Cabbage	65,117
Capsicums	71,383
Carrots	306,394
Cauliflower	76,944
Celery	58,291
Chillies	2,242
Cucumbers	88,429
Eggplant	8,271
English Spinach/Silverbeet/Kale	6,716
Fresh Herbs - Combined*	13,264
Fennel	1,386
Parsley and Other Herbs	11,879
Garlic	3,174
Ginger	4,495
Leafy Asian Vegetables	29,547
Leafy Salad Vegetables	78,495
Leeks	10,722
Head Lettuce	134,726
Mushrooms	63,868
Onions	266,429
Parsnips	3,580
Peas	31,123

* Note : The processed fruit lines marked with an asterisk (*) do not contribute to total fruit production, as they have been counted towards the total in their respective categories (eg. production of canning pineapples are already counted in the pineapple category). The exceptions are dried grapes, which is not a part of the grapes category, and olives, which is not part of another fruit category.

** Note : Total in-shell nut production includes the volumes of almonds and hazelnuts (marked with **) in an in-shell equivalent weight.

Year Ending June 2022	Production (t)
Potatoes	1,462,065
Pumpkins	112,895
Sweet Corn	74,685
Sweetpotatoes	102,754
Tomatoes	436,908
Zucchini	38,850
Other Vegetables	25,234
All Nuts	287,079
Almonds (Inshell)**	205,436
Chestnuts (Inshell)**	1,339
Hazelnuts (Inshell)**	1,411
Macadamias (Inshell)	52,974
Pecans (Inshell)	3,170
Pistachios (Inshell)	3,600
Walnuts (Inshell)	14,341
Other Nuts (Inshell)	4,808
Other Horticulture	N/A
Cut Flowers	N/A
Nursery*	N/A
Turf	N/A



Production Value

The table below summarises the **Value of Production** in **million dollars** of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Production (\$m)
All Horticultural Products	\$15,959.2
All Fruit	\$5,596.8
Apples	\$568.6
Avocados	\$363.8
Bananas	\$501.6
Berries - Combined	\$1,029.2
Blueberries	\$407.1
Rubus Berries	\$205.4
Strawberries	\$416.8
Cherries	\$226.5
Citrus - Combined	\$910.2
Grapefruit	\$17.7
Lemons/Limes	\$138.3
Mandarins	\$333.5
Oranges	\$420.7
Custard Apples	\$8.4
Kiwifruit	\$24.7
Lychees	\$41.9
Mangoes	\$217.9
Melons - Combined	\$248.2
Muskmelons	\$81.1
Watermelons	\$167.0
Nashi	\$6.5

Year Ending June 2022	Production (\$m)
Passionfruit	\$21.5
Papaya/Pawpaw	\$35.4
Persimmons	\$17.3
Pears	\$131.6
Pineapples	\$50.6
Summerfruit - Combined	\$338.9
Apricots	\$15.2
Nectarines/Peaches	\$244.2
Plums	\$79.5
Table Grapes	\$722.2
Processing Fruit - Combined*	\$136.2
Dried Grapes	\$19.8
Prunes*	\$2.8
Other Dried Tree Fruit*	\$0.4
Canned Fruit*	\$17.6
Olives	\$95.5
Other Fruit	\$16.7
All Vegetables	\$5,527.1
Artichokes	\$1.2
Asparagus	\$77.9
Beans	\$134.4
Beetroot	\$13.8
Broccoli/Baby Broccoli	\$289.9

Sources: ABS; AC; CFVIWA; GTA; IRB; MP & DD (Freshlogic Analysis)

Year Ending June 2022	Production (\$m)
Brussels Sprouts	\$27.5
Cabbage	\$49.3
Capsicums	\$211.8
Carrots	\$247.9
Cauliflower	\$60.7
Celery	\$65.2
Chillies	\$12.2
Cucumbers	\$229.9
Eggplant	\$21.7
English Spinach/Silverbeet/Kale	\$23.5
Fresh Herbs - Combined*	\$270.5
Fennel	\$4.0
Parsley and Other Herbs	\$266.5
Garlic	\$20.9
Ginger	\$25.8
Leafy Asian Vegetables	\$86.2
Leafy Salad Vegetables	\$589.2
Leeks	\$34.1
Head Lettuce	\$266.7
Mushrooms	\$418.8
Onions	\$248.7
Parsnips	\$14.2
Peas	\$70.1

* Note : The processed fruit lines marked with an asterisk (*) do not contribute to total fruit value, as they have been counted towards the total in their respective categories (eg. production of canning pineapples are already counted in the pineapple category). The exceptions are dried grapes, which is not a part of the grapes category, and olives, which is not part of another fruit category.

** Note : The nursery production value has been reported for indication only. This value has been provided outside of THRUchain methodology and is based directly on project output from NY21000. See pages 371 to 374.

Year Ending June 2022	Production (\$m)
Potatoes	\$830.2
Pumpkins	\$106.5
Sweet Corn	\$149.8
Sweetpotatoes	\$73.9
Tomatoes	\$645.1
Zucchini	\$80.0
Other Vegetables	\$129.5
All Nuts	\$1,387.5
Almonds	\$916.0
Chestnuts	\$10.1
Hazelnuts	\$5.2
Macadamias	\$321.4
Pecans	\$17.8
Pistachios	\$37.5
Walnuts	\$49.5
Other Nuts	\$30.0
Other Horticulture	\$3,447.7
Cut Flowers	\$314.7
Nursery*	\$2,833
Turf	\$300.1



Volume of Fresh Exports

The table below summarises the **Volume of Fresh Exports** in tonnes of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Fresh Export Volume (t)
All Horticultural Products	754,504
All Fruit	419,637
Apples	3,141
Avocados	11,611
Bananas	
Berries - Combined	3,137
Blueberries	517
Rubus Berries	26
Strawberries	2,595
Cherries	3,885
Citrus - Combined	243,436
Grapefruit	1,468
Lemons/Limes	4,678
Mandarins	76,013
Oranges	161,052
Custard Apples	82
Kiwifruit	353
Lychees	367
Mangoes	4,747
Melons - Combined	12,870
Muskmelons	10,336
Watermelons	2,534
Nashi	

Year Ending June 2022	Fresh Export Volume (t)
Passionfruit	
Papaya/Pawpaw	2
Persimmons	145
Pears	8,743
Pineapples	
Summerfruit - Combined	17,548
Apricots	264
Nectarines/Peaches	11,179
Plums	6,105
Table Grapes	108,204
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	1,367
All Vegetables	207,094
Artichokes	8
Asparagus	1,180
Beans	1,188
Beetroot	346
Broccoli/Baby Broccoli	1,648

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2022	Fresh Export Volume (t)
Brussels Sprouts	298
Cabbage	364
Capsicums	360
Carrots	99,247
Cauliflower	225
Celery	4,221
Chillies	4
Cucumbers	79
Eggplant	9
English Spinach/Silverbeet/Kale	322
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	
Ginger	55
Leafy Asian Vegetables	
Leafy Salad Vegetables	816
Leeks	126
Head Lettuce	413
Mushrooms	69
Onions	42,305
Parsnips	
Peas	6

* Note : Nut exports includes both the kernel and in-shell form. Further information on volumes of each type is provided on pages 337 to 364.

Year Ending June 2022	Fresh Export Volume (t)
Potatoes	45,661
Pumpkins	2,628
Sweet Corn	
Sweetpotatoes	1,170
Tomatoes	1,036
Zucchini	
<i>Other Vegetables</i>	3,307
All Nuts*	127,772
Almonds *	98,930
Chestnuts*	1
Hazelnuts*	2
Macadamias*	21,367
Pecans*	734
Pistachios*	328
Walnuts*	4,359
<i>Other Nuts*</i>	2,051
Other Horticulture	N/A
Cut Flowers	N/A
<i>Nursery*</i>	N/A
Turf	N/A



Value of Fresh Exports

The table below summarises the **Value of Fresh Exports** in million dollars of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Fresh Export Value (\$m)
All Horticultural Products	\$2,471.0
All Fruit	\$1,226.9
Apples	\$7.4
Avocados	\$52.0
Bananas	
Berries - Combined	\$39.0
Blueberries	\$15.8
Rubus Berries	\$0.5
Strawberries	\$22.7
Cherries	\$74.5
Citrus - Combined	\$451.2
Grapefruit	\$2.4
Lemons/Limes	\$8.2
Mandarins	\$179.8
Oranges	\$260.2
Custard Apples	\$0.5
Kiwifruit	\$1.9
Lychees	\$9.1
Mangoes	\$26.3
Melons - Combined	\$27.4
Muskmelons	\$20.6
Watermelons	\$6.9
Nashi	

Year Ending June 2022	Fresh Export Value (\$m)
Passionfruit	
Papaya/Pawpaw	<\$0.1
Persimmons	\$1.1
Pears	\$14.1
Pineapples	
Summerfruit - Combined	\$79.6
Apricots	\$1.7
Nectarines/Peaches	\$52.0
Plums	\$25.9
Table Grapes	\$440.0
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	\$3.4
All Vegetables	\$247.4
Artichokes	<\$0.1
Asparagus	\$10.0
Beans	\$6.2
Beetroot	\$1.3
Broccoli/Baby Broccoli	\$8.4

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2022	Fresh Export Value (\$m)
Brussels Sprouts	\$1.8
Cabbage	\$1.2
Capsicums	\$1.5
Carrots	\$92.2
Cauliflower	\$0.9
Celery	\$7.7
Chillies	<\$0.1
Cucumbers	\$0.6
Eggplant	<\$0.1
English Spinach/Silverbeet/Kale	\$2.7
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	
Ginger	\$0.5
Leafy Asian Vegetables	
Leafy Salad Vegetables	\$7.0
Leeks	\$0.8
Head Lettuce	\$1.2
Mushrooms	\$5.1
Onions	\$33.9
Parsnips	
Peas	<\$0.1

* Note : Nut exports includes both the kernel and in-shell form. Further information on values of each type is provided on pages 337 to 364.

Year Ending June 2022	Fresh Export Value (\$m)
Potatoes	\$36.2
Pumpkins	\$3.8
Sweet Corn	
Sweetpotatoes	\$2.3
Tomatoes	\$5.5
Zucchini	
<i>Other Vegetables</i>	\$16.3
All Nuts*	\$978.5
Almonds *	\$623.2
Chestnuts*	<\$0.1
Hazelnuts*	<\$0.1
Macadamias*	\$289.5
Pecans*	\$11.5
Pistachios*	\$4.1
Walnuts*	\$17.2
<i>Other Nuts*</i>	\$33.0
Other Horticulture	\$18.2
Cut Flowers	\$9.5
<i>Nursery*</i>	\$8.6
Turf	



Volume of Fresh Imports

The table below summarises the **Volume of Fresh Imports** in **tonnes** of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Fresh Import Volume (t)
All Horticultural Products	162,825
All Fruit	86,860
Apples	925
Avocados	12,640
Bananas	
Berries - Combined	1,237
Blueberries	1,230
Rubus Berries	
Strawberries	6
Cherries	1,147
Citrus - Combined	16,156
Grapefruit	982
Lemons/Limes	1,615
Mandarins	2,163
Oranges	11,394
Custard Apples	
Kiwifruit	23,001
Lychees	
Mangoes	726
Melons - Combined	
Muskmelons	
Watermelons	
Nashi	1,778

Year Ending June 2022	Fresh Import Volume (t)
Passionfruit	
Papaya/Pawpaw	19
Persimmons	367
Pears	
Pineapples	
Summerfruit - Combined	1,865
Apricots	153
Nectarines/Peaches	1,487
Plums	225
Table Grapes	9,105
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	17,896
All Vegetables	29,170
Artichokes	
Asparagus	2,624
Beans	654
Beetroot	108
Broccoli/Baby Broccoli	19

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2022	Fresh Import Volume (t)
Brussels Sprouts	
Cabbage	
Capsicums	813
Carrots	
Cauliflower	3
Celery	
Chillies	8
Cucumbers	
Eggplant	25
English Spinach/Silverbeet/Kale	21
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	14,729
Ginger	1,227
Leafy Asian Vegetables	
Leafy Salad Vegetables	66
Leeks	
Head Lettuce	
Mushrooms	4,533
Onions	1,430
Parsnips	
Peas	248

* Note : Nut imports includes both the kernel and in-shell form. Further information on volumes of each type is provided on pages 337 to 364.

Year Ending June 2022	Fresh Import Volume (t)
Potatoes	
Pumpkins	
Sweet Corn	
Sweetpotatoes	898
Tomatoes	
Zucchini	
<i>Other Vegetables</i>	1,758
All Nuts*	46,795
Almonds *	2,372
Chestnuts*	23
Hazelnuts*	3,173
Macadamias*	
Pecans*	
Pistachios*	1,555
Walnuts*	4,969
<i>Other Nuts*</i>	34,704
Other Horticulture	N/A
Cut Flowers	N/A
<i>Nursery *</i>	N/A
Turf	N/A



Value of Fresh Imports

The table below summarises the **Value of Fresh Imports** in million dollars of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Fresh Import Value (\$m)
All Horticultural Products	\$971.7
All Fruit	\$332.8
Apples	\$2.4
Avocados	\$43.1
Bananas	
Berries - Combined	\$29.1
Blueberries	\$29.0
Rubus Berries	
Strawberries	<\$0.1
Cherries	\$11.2
Citrus - Combined	\$44.0
Grapefruit	\$2.6
Lemons/Limes	\$4.0
Mandarins	\$8.7
Oranges	\$28.7
Custard Apples	
Kiwifruit	\$71.6
Lychees	
Mangoes	\$5.7
Melons - Combined	
Muskmelons	
Watermelons	
Nashi	\$4.7

Year Ending June 2022	Fresh Import Value (\$m)
Passionfruit	
Papaya/Pawpaw	\$0.1
Persimmons	\$2.4
Pears	
Pineapples	
Summerfruit - Combined	\$12.3
Apricots	\$1.0
Nectarines/Peaches	\$9.8
Plums	\$1.5
Table Grapes	\$49.6
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
Other Fruit	\$56.7
All Vegetables	\$92.1
Artichokes	
Asparagus	\$17.4
Beans	\$1.0
Beetroot	<\$0.1
Broccoli/Baby Broccoli	<\$0.1

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2022	Fresh Import Value (\$m)
Brussels Sprouts	
Cabbage	
Capsicums	\$3.5
Carrots	<\$0.1
Cauliflower	<\$0.1
Celery	
Chillies	\$0.1
Cucumbers	
Eggplant	<\$0.1
English Spinach/Silverbeet/Kale	<\$0.1
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	\$38.8
Ginger	\$3.9
Leafy Asian Vegetables	
Leafy Salad Vegetables	\$0.3
Leeks	
Head Lettuce	
Mushrooms	\$14.8
Onions	\$2.3
Parsnips	
Peas	\$1.1

* Note : Nut imports includes both the kernel and in-shell form. Further information on values of each type is provided on pages 337 to 364.

Year Ending June 2022	Fresh Import Value (\$m)
Potatoes	
Pumpkins	
Sweet Corn	
Sweetpotatoes	\$0.8
Tomatoes	
Zucchini	
Other Vegetables	\$7.9
All Nuts*	\$394.5
Almonds *	\$19.0
Chestnuts*	<\$0.1
Hazelnuts*	\$32.5
Macadamias*	
Pecans*	
Pistachios*	\$24.6
Walnuts*	\$39.8
Other Nuts*	\$278.5
Other Horticulture	\$152.4
Cut Flowers	\$104.6
Nursery *	\$47.8
Turf	



Fresh Supply Volume

The table below summarises the **Volume of Fresh Supply** in tonnes of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Fresh Supply (t)
All Horticultural Products	4,041,781
All Fruit	1,760,160
Apples	215,961
Avocados	117,919
Bananas	372,914
Berries - Combined	88,336
Blueberries	18,621
Rubus Berries	8,758
Strawberries	60,957
Cherries	13,083
Citrus - Combined	311,042
Grapefruit	10,233
Lemons/Limes	55,801
Mandarins	104,303
Oranges	140,705
Custard Apples	1,559
Kiwifruit	29,551
Lychees	1,705
Mangoes	61,065
Melons - Combined	226,691
Muskmelons	46,276
Watermelons	180,416
Nashi	3,330

Year Ending June 2022	Fresh Supply (t)
Passionfruit	4,392
Papaya/Pawpaw	16,493
Persimmons	3,678
Pears	61,065
Pineapples	47,529
Summerfruit - Combined	78,252
Apricots	2,732
Nectarines/Peaches	58,848
Plums	16,672
Table Grapes	96,826
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
Other Fruit	8,770
All Vegetables	2,148,082
Artichokes	439
Asparagus	8,812
Beans	27,635
Beetroot	5,600
Broccoli/Baby Broccoli	66,628

Sources: ABS; GTA; IRB; MP & DD (Freshlogic Analysis)

Year Ending June 2022	Fresh Supply (t)
Brussels Sprouts	4,108
Cabbage	54,820
Capsicums	67,638
Carrots	188,313
Cauliflower	70,369
Celery	53,209
Chillies	1,729
Cucumbers	83,503
Eggplant	7,757
English Spinach/Silverbeet/Kale	5,923
Fresh Herbs - Combined*	12,767
Fennel	1,346
Parsley and Other Herbs	11,422
Garlic	11,367
Ginger	2,434
Leafy Asian Vegetables	29,547
Leafy Salad Vegetables	77,745
Leeks	10,596
Head Lettuce	134,313
Mushrooms	66,713
Onions	202,439
Parsnips	3,476
Peas	7,008

* Note : The processed fruit lines marked with an asterisk (*) do not contribute to total fresh fruit volume because they are sold in a processed form.

Year Ending June 2022	Fresh Supply (t)
Potatoes	433,705
Pumpkins	106,766
Sweet Corn	34,259
Sweetpotatoes	93,566
Tomatoes	213,700
Zucchini	38,163
Other Vegetables	23,035
All Nuts	133,539
Almonds	70,173
Chestnuts	1,359
Hazelnuts	4,259
Macadamias	3,770
Pecans	944
Pistachios	6,326
Walnuts	10,639
Other Nuts	36,070
Other Horticulture	N/A
Cut Flowers	N/A
Nursery *	N/A
Turf	N/A



Fresh Supply Wholesale Value

The table below summarises the **Wholesale Value** of the Fresh Supply in **million dollars** of all products profiled in this statistics handbook, where appropriate, for the year ending June 2022.

Year Ending June 2022	Wholesale Value (\$m)
All Horticultural Products	\$16,314.6
All Fruit	\$5,440.3
Apples	\$655.4
Avocados	\$383.2
Bananas	\$607.8
Berries - Combined	\$1,208.5
Blueberries	\$503.8
Rubus Berries	\$240.2
Strawberries	\$464.5
Cherries	\$208.1
Citrus - Combined	\$617.0
Grapefruit	\$20.3
Lemons/Limes	\$157.0
Mandarins	\$216.4
Oranges	\$223.4
Custard Apples	\$9.3
Kiwifruit	\$122.5
Lychees	\$40.2
Mangoes	\$228.3
Melons - Combined	\$264.2
Muskmelons	\$74.7
Watermelons	\$189.4
Nashi	\$16.4

Year Ending June 2022	Wholesale Value (\$m)
Passionfruit	\$25.1
Papaya/Pawpaw	\$41.6
Persimmons	\$21.3
Pears	\$130.9
Pineapples	\$47.5
Summerfruit - Combined	\$314.0
Apricots	\$16.9
Nectarines/Peaches	\$236.3
Plums	\$60.9
Table Grapes	\$452.1
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
Other Fruit	\$47.0
All Vegetables	\$5,917.6
Artichokes	\$1.4
Asparagus	\$116.3
Beans	\$155.6
Beetroot	\$13.4
Broccoli/Baby Broccoli	\$331.4

Sources: ABS; AC; CFVIWA; GTA; IRB; MP & DD (Freshlogic Analysis)

Year Ending June 2022	Wholesale Value (\$m)
Brussels Sprouts	\$29.9
Cabbage	\$55.9
Capsicums	\$249.3
Carrots	\$197.7
Cauliflower	\$70.0
Celery	\$68.9
Chillies	\$14.0
Cucumbers	\$268.9
Eggplant	\$25.4
English Spinach/Silverbeet/Kale	\$24.9
Fresh Herbs - Combined*	\$317.1
Fennel	\$4.7
Parsley and Other Herbs	\$312.4
Garlic	\$92.5
Ginger	\$28.8
Leafy Asian Vegetables	\$101.4
Leafy Salad Vegetables	\$686.8
Leeks	\$39.4
Head Lettuce	\$312.6
Mushrooms	\$522.0
Onions	\$258.0
Parsnips	\$16.6
Peas	\$69.1

* Note : The processed fruit lines marked with an asterisk (*) do not contribute to total fresh fruit wholesale value because they are sold in a processed form.

** Note : The nursery production value has been reported for indication only. This value has been provided outside of THRUchain methodology and is based directly on project output from NY21000. See pages 371 to 374.

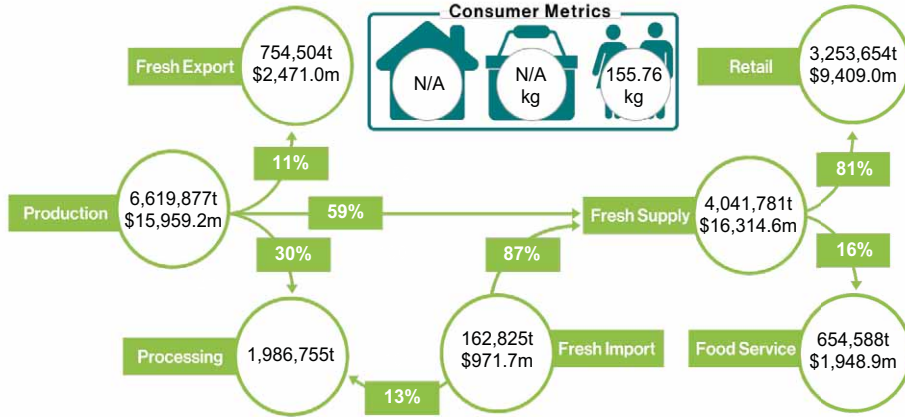
Year Ending June 2022	Wholesale Value (\$m)
Potatoes	\$526.3
Pumpkins	\$121.1
Sweet Corn	\$159.6
Sweetpotatoes	\$84.7
Tomatoes	\$724.0
Zucchini	\$94.0
Other Vegetables	\$106.6
All Nuts	\$1,245.3
Almonds	\$511.5
Chestnuts	\$12.0
Hazelnuts	\$44.2
Macadamias	\$100.9
Pecans	\$17.2
Pistachios	\$94.2
Walnuts	\$96.9
Other Nuts	\$368.4
Other Horticulture	\$3,711.5
Cut Flowers	\$438.7
<i>Nursery*</i>	\$2,972.7
Turf	\$300.1



All Horticulture

All Fresh Horticulture Overview

ALL FRESH HORTICULTURE SUPPLY CHAIN – YEAR ENDING JUNE 2022



Sources: ABS; AC; CFVIWA; GTA; IRB; MP & DD (Freshlogic Analysis)

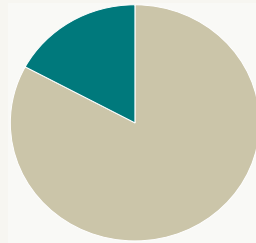
TOTAL PRODUCTION:



\$15,959.2M

6,619,877t produced and valued at **\$15,959.2M** (not including cut flowers, nursery and turf products)

RETAIL VS FOOD SERVICE:



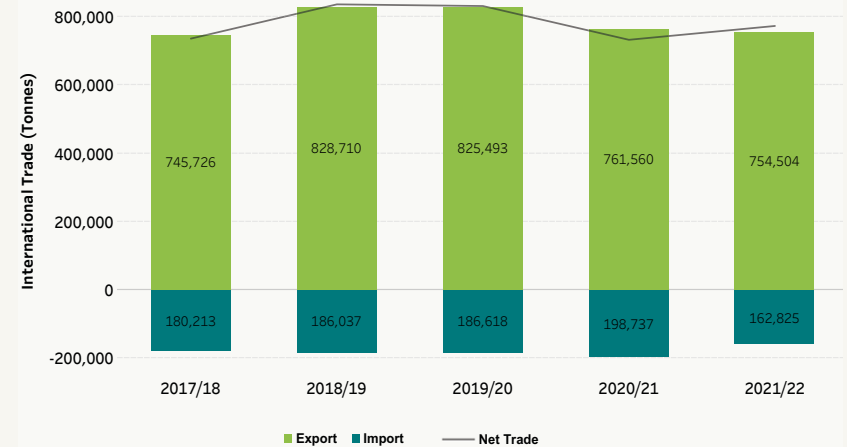
■ Retail 81% ■ Food Service 16%

The wholesale value of the fresh supply was **\$16,314.6M**, with **\$9,409M** distributed into retail and **\$1,948.9M** into food service.

YEAR ENDING JUNE	2020	2021		2022	
	Value	Value	%YoY	Value	%YoY
Production (t)	6,607,053	6,719,116	+2%	6,619,878	-1%
Production (\$m)	\$15,200.5	\$15,331.5	<1%	\$15,959.2	+4%
Production area (Ha)	-	-	-	-	-
Fresh Export Volume (t)	825,493	761,560	-8%	754,504	>-1%
Fresh Export Value (\$m)	\$2,749.6	\$2,368.8	-14%	\$2,471.0	+4%
Fresh Import Volume (t)	186,618	198,737	+6%	162,825	-18%
Fresh Import Value (\$m)	\$1,097.6	\$1,170.9	+7%	\$971.7	-17%
Fresh Supply (t)	4,121,429	4,140,916	<1%	4,041,781	-2%
Fresh Supply Wholesale Value (\$m)	\$15,576.7	\$15,729.8	<1%	\$16,314.6	+4%
Supply per Capita (kg)	159.75	160.81	<1%	155.76	-3%
Retail Supply (t)	3,396,724	3,369,791	>-1%	3,253,654	-3%
Retail Supply Wholesale Value (\$m)	\$9,092.0	\$9,176.2	<1%	\$9,409.0	+3%
Food Service Supply (t)	604,474	657,567	+9%	654,588	>-1%
Food Service Wholesale Value (\$m)	\$1,678.4	\$1,871.0	+11%	\$1,948.9	+4%

Sources: ABS; AC; CFVIWA; GTA; MP & DD (Freshlogic Analysis)

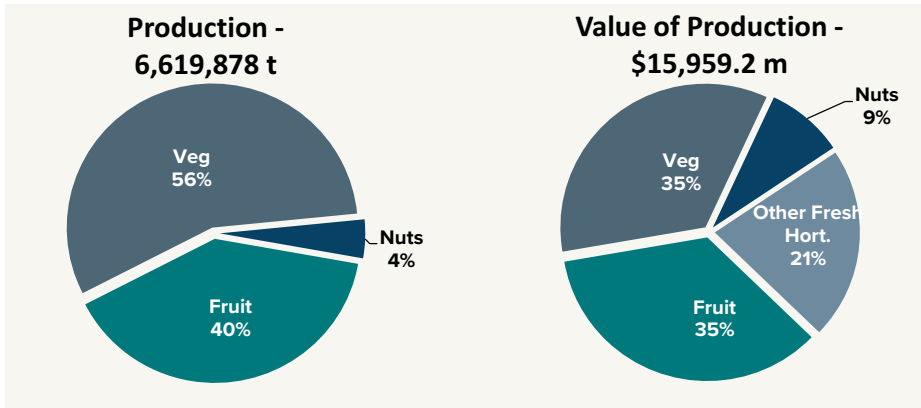
ALL FRESH HORTICULTURE INTERNATIONAL TRADE



All Fresh Horticulture Overview

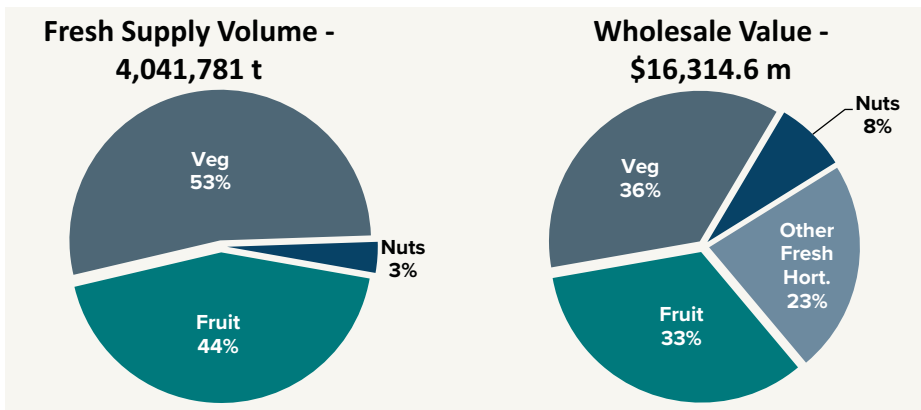
The charts below profile the share of total Australian production of all horticultural categories during the year ending June 2022. For the below charts, only the value of the Other Fresh Horticulture grouping has been recorded, due to inconsistencies in the units used to measure volumes for this group.

SHARE OF PRODUCTION – YEAR ENDING JUNE 2022



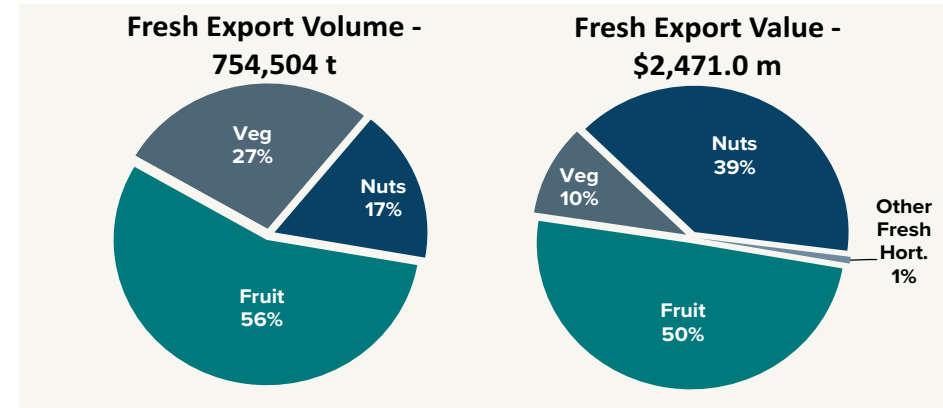
The charts below profile the share of total Australian fresh supply of all horticultural categories during the year ending June 2022.

SHARE OF FRESH SUPPLY – YEAR ENDING JUNE 2022



The charts below profile the share of total Australian fresh export of all horticultural categories during the year ending June 2022.

SHARE OF FRESH EXPORTS – YEAR ENDING JUNE 2022



The charts below profile the share of total Australian fresh imports of all horticultural categories during the year ending June 2022.

SHARE OF FRESH IMPORTS – YEAR ENDING JUNE 2022

