



Introduction



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The Australian Horticulture Statistics Handbook 2022/23 has been funded by Hort Innovation using horticulture levies and funds from the Australian Government.



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 2023.

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 2023 and profiles the production and distribution of horticultural categories produced in Australia. The key influences on horticultural production and distribution over this period are summarised below.

Fruit production conditions delivered good product quality, which enabled success with new fruit varieties and export market growth. This, combined with steady domestic market demand, increases the total fruit value.

Vegetable production was disrupted by adverse weather, that caused flooding and hail damage in southern states. The impact reduced supply of most vegetables and was apparent in volume reductions for the large processing categories.

Nut production volumes were down however warmer weather improved the quality of the harvest. Fuller global market supply affected prices and the overall production value of nuts.

Overall domestic market volume demand was fuelled by the highest population growth of 1.9% since 2009.

The wholesale value per kg of fresh fruit and vegetables supplied to local market increased by +8% to **\$3.15 per kg** driven largely by fruit. Total fresh horticultural exports were valued at **\$2.54 billion** in 2022/23.

As Australian supply continues to rebound and consumption around the world reverts to normal patterns; high quality produce, strong export demand, and domestic market populations growth remain as the drivers 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 2023 is presented by Hort Innovation for the purpose of consolidating horticulture statistical information for use by horticulture industry members and other stakeholders.

The sources for this publication include data from the Australian Bureau of Statistics (ABS), Hort Innovation funded projects, international trade sources, and industry representative bodies (IRBs) where accessible. These sources have been broadened within this publication to incorporate household consumption and local market distribution channel information, assessed by Freshlogic, to create a comprehensive profile of each supply chain.

Updates made in the 2022/23 edition from previous releases are noted within the relevant category pages to reflect current figures accurately.

Feedback or comments about the Handbook can be directed to Hort Innovation at communications@horticulture.com.au

The 2022/23 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
2022/23	Year ending 30 June 2023
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 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, processed volumes, 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 analysis tables for both import and export activities within each category provide insights into the source country for imports under the section labeled 'Imports by Country' and the destination country for exports under 'Exports by Country.' It's important to clarify that 'Imports by State Destination' specifically pertains to the ultimate destination of the product. On the other hand, 'Exports by State of Production Origin' denotes the state where the product was originally produced.

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 2023 according to the ABS. The number of occupied households is assumed at 9.28 million and the population at 26.3 million for the 2022/23 year*.



Data on **production area** and **number of trees** has been gathered from Industry Representative Bodies, the ABS Agricultural Commodities publications** and Australian Tree Crop Map Dashboard. *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, National, state and territory population cat. no. 3101.0

**ABS, Agricultural Commodities cat. no. 7121.0

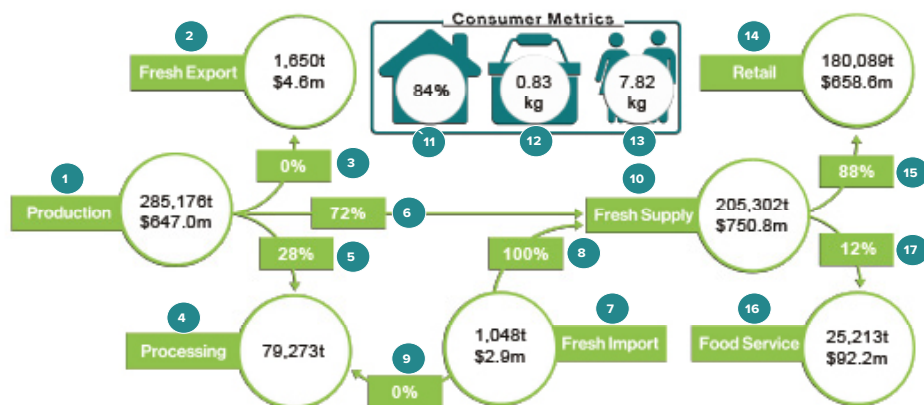


How to use this book

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 2023. It contains the following elements:



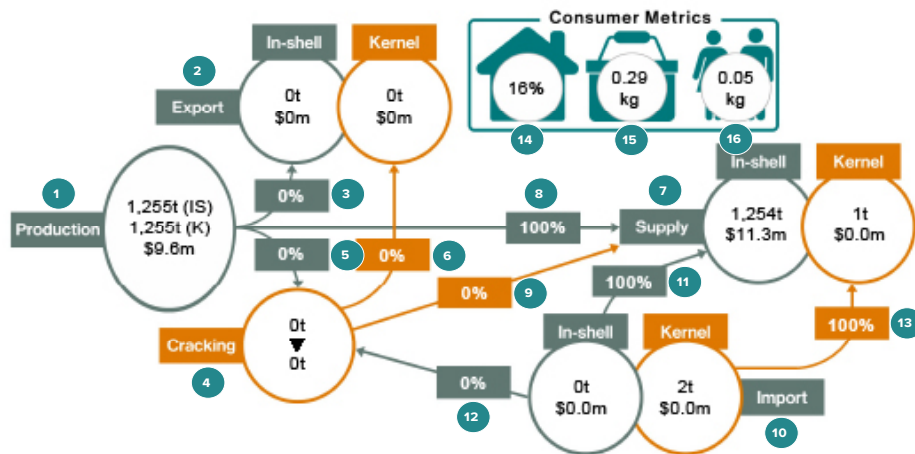
- 1. Production.** This is the volume of the category grown in Australia over the year ending June 2023. This profiles the production (volume in tonnes), as well as the value in million dollars obtained by the producers i.e. the value of production, sometimes known as the farm gate value.
- 2. Fresh 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 2023. '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 2023. 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 2023. 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 2023. 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 2023. See page 8 for full definition.

- 15. Average Purchase Quantity.** The average quantity purchased at retail per shopping trip by Australian households over the year ending June 2023. 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.

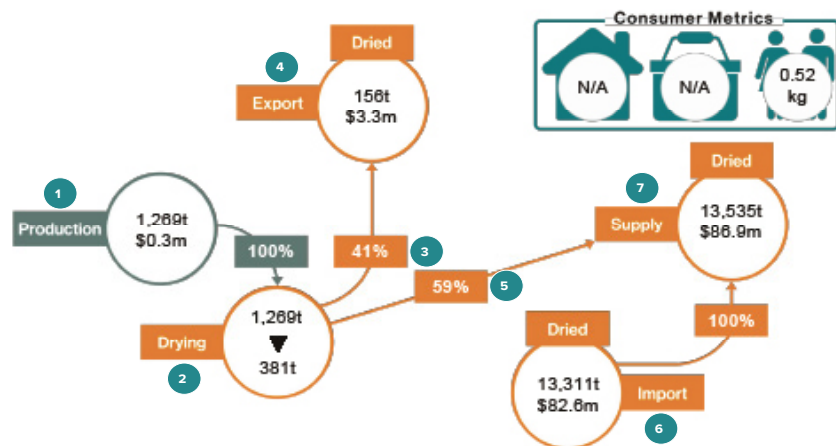
Note: Supply into retail and food service are not reported for Nuts & Olives.

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 2023. It contains the following elements:



- 1. Production.** This is the volume of the category grown in Australia over the year ending June 2023. 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, as well as the percentage change in value year on year. For reference, the data tables contain:

YEAR ENDING JUNE	2021	2022		2023	
	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.



Common Data Source

ABBREVIATION	DATA SOURCE	FURTHER INFORMATION
ABS	Agricultural Commodities, Australian Bureau of Statistics	Information from <i>Agricultural Commodities cat. no. 7121.0, 2021-22, 2020-21, 2019-20, 2018-19, 2017-18, 2016-17, 2015-16, 2014-15 and 2013-14 editions has been compiled.</i> <i>National, state and territory population cat. no.3101.0 December 2022 edition.</i> <i>2023 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
IRB	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.

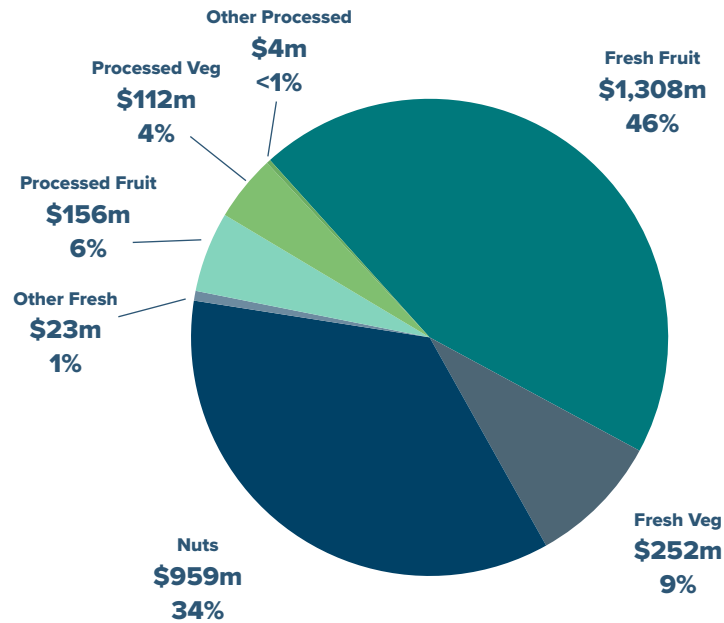
Data sharing – List of projects

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
AL22007 (Almonds)	<i>Australian Almond Industry Statistics and Data Collection 2023-2025</i>
AP16002 (Apple/Pear)	<i>Apple and Pear Crop Estimate</i>
AV22016 (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>
MC22001 (Macadamias)	<i>Macadamia Crop Forecasting 2023-2025</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>
PP20003 (Papaya/Paw Paw)	<i>Papaya market supply data capture and analysis</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 2023, Australia exported **\$2.81 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 three** export categories within each group.

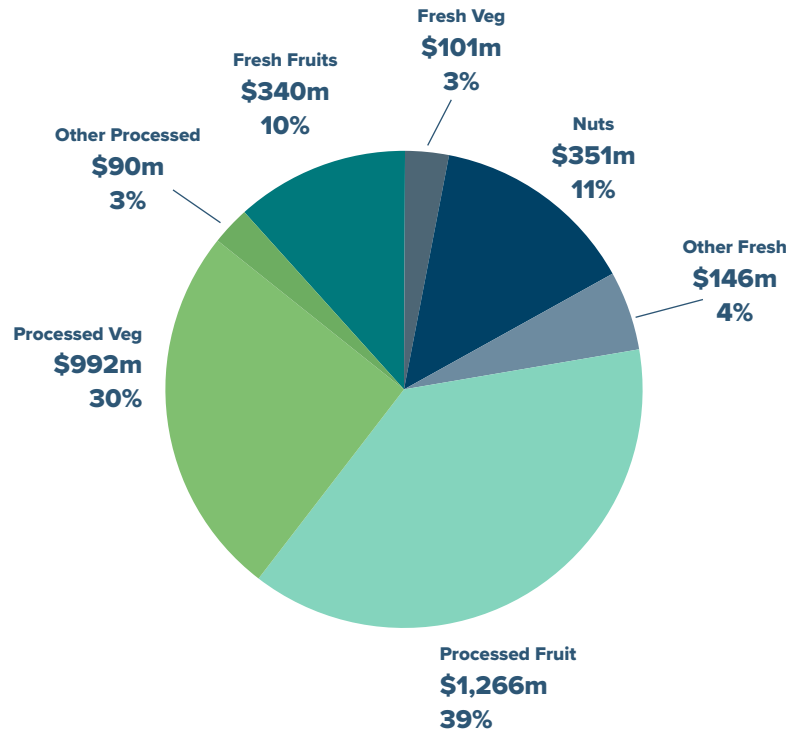


2022/23 TOTAL AUSTRALIAN HORTICULTURAL EXPORTS

Fresh Fruit	\$1,307.9m	Other Fresh Horticulture	\$23.4m
Table Grapes	\$557.3m	Live Plants	\$14.1m
Oranges	\$246.4m	Cut Flowers	\$9.3m
Mandarins	\$184.6m		
Fresh Vegetables	\$251.6m	Processed Fruit	\$156.2m
Carrots	\$82.5m	Dried Grapes and Grape Juice	\$39.2m
Onions	\$39.2m	Olives and Olive Oil	\$29.4m
Potatoes	\$39.2m	Orange Juice	\$15.3m
Nuts	\$958.6m	Processed Vegetables	\$112.5m
Almonds	\$682.3m	Potatoes	\$26.0m
Macadamias	\$226.2m	Tomatoes	\$22.3m
Walnuts	\$11.9m	Cabbages	\$6.8m

Total Australian Horticultural Imports

For the year ending June 2023, Australia imported **\$3.29 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 three** import categories by value within each group. The value for nuts include some processed nut products.



Sources: GTA; (Freshlogic Analysis)

2022/23 TOTAL AUSTRALIAN HORTICULTURAL IMPORTS

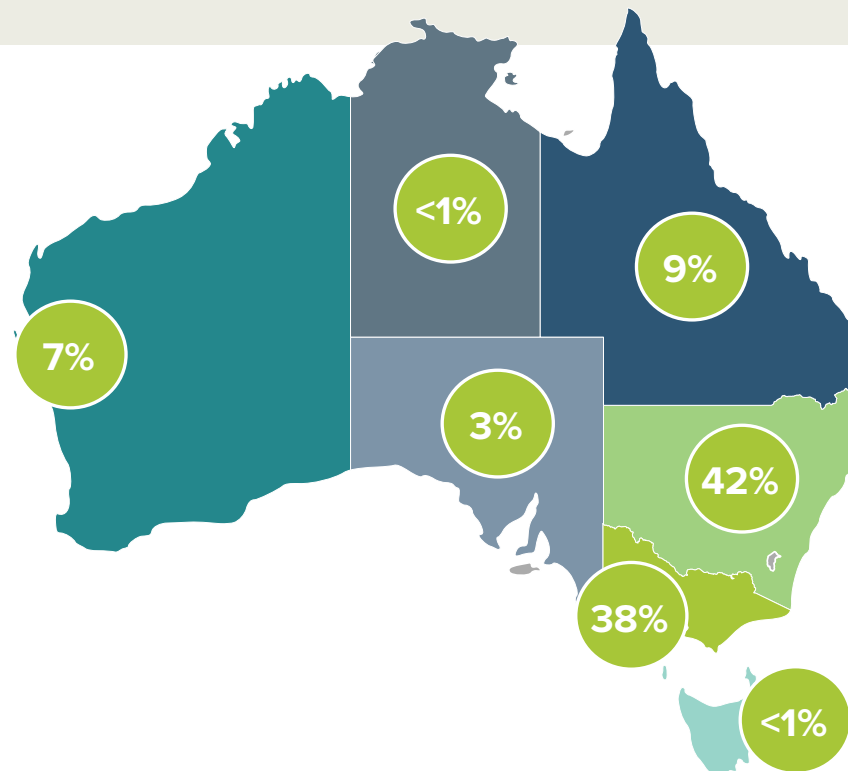
Fresh Fruit		Other Fresh Horticulture	
Fresh Fruit	\$339.6m	Other Fresh Horticulture	\$146.4m
Kiwifruit	\$81.9m	Cut Flowers	\$103.0m
Avocados	\$58.4m	Live Plants	\$43.4m
Table Grapes	\$49.6m		
Fresh Vegetables		Processed Fruit	
Fresh Vegetables	\$101.0m	Processed Fruit	\$1266.2m
Garlic	\$36.0m	Olives and Olive Oil	\$299.3m
Asparagus	\$18.7m	Dried Tree Fruits	\$50.1m
Mushrooms	\$17.1m	Dried Grapes	\$44.1m
Nuts		Processed Vegetables	
Nuts	\$350.8m	Processed Vegetables	\$991.9m
Cashews	\$127.6m	Potatoes	\$364.5m
Pistachios	\$32.9m	Tomatoes	\$281.4m
Walnuts	\$31.5m	Beans	\$96.9m



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 seven 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*	9,736t (\$64.1m)
Cut Flowers*	(\$22.4m)
Table Grapes	953t (\$6.4m)
Blueberries	195t (\$6.1m)
Kiwifruit	1,497t (\$5.4m)
Garlic	1,296t (\$2.8m)
Live Plants*	(\$2.6m)
Other Nuts	250t (\$2.4m)
Onions	1,885t (\$2.3m)
Oranges	948t (\$1.9m)
Asparagus	231t (\$1.9m)

Northern Territory	(\$0.001m)
Tasmania	(\$7.2m)
South Australia*	2,187t (\$23.9m)
Pistachios	306t (\$7.6m)
Cashews	695t (\$5.3m)
Cut Flowers*	(\$4.6m)
Other Nuts	462t (\$2.3m)
Kiwifruit	470t (\$1.7m)

New South Wales*	62,388t (\$379.1m)
Cashews	5,061t (\$45.2m)
Other Nuts	4,599t (\$41.7m)
Kiwifruit	10,504t (\$40.7m)
Cut Flowers*	(\$37.5m)
Avocados	7,070t (\$32.6m)
Table Grapes	5,001t (\$29.8m)
Hazelnuts	1,955t (\$22.7m)
Blueberries	522t (\$17.2m)
Garlic	5,266t (\$13.9m)
Oranges	4,876t (\$13.6m)

Queensland*	14,509t (\$81.8m)
Avocados	3,976t (\$17.6m)
Kiwifruit	2,744t (\$9.8m)
Live Plants*	(\$8.8m)
Cashews	921t (\$8.1m)
Cut Flowers*	(\$6.7m)
Garlic	1,923t (\$3.9m)
Pistachios	137t (\$3.8m)
Asparagus	452t (\$3.7m)
Brazil Nuts	224t (\$2.8m)
Walnuts	396t (\$2.5m)

Victoria*	56,183t (\$341.0m)
Cashews	7,983t (\$67.3m)
Other Nuts	9,096t (\$52.5m)
Cut Flowers*	(\$31.8m)
Live Plants*	(\$26.7m)
Kiwifruit	6,492t (\$24.4m)
Walnuts	2,566t (\$20.5m)
Garlic	6,810t (\$15.4m)
Table Grapes	2,360t (\$13.0m)
Oranges	3,794t (\$9.8m)
Almonds	868t (\$6.6m)

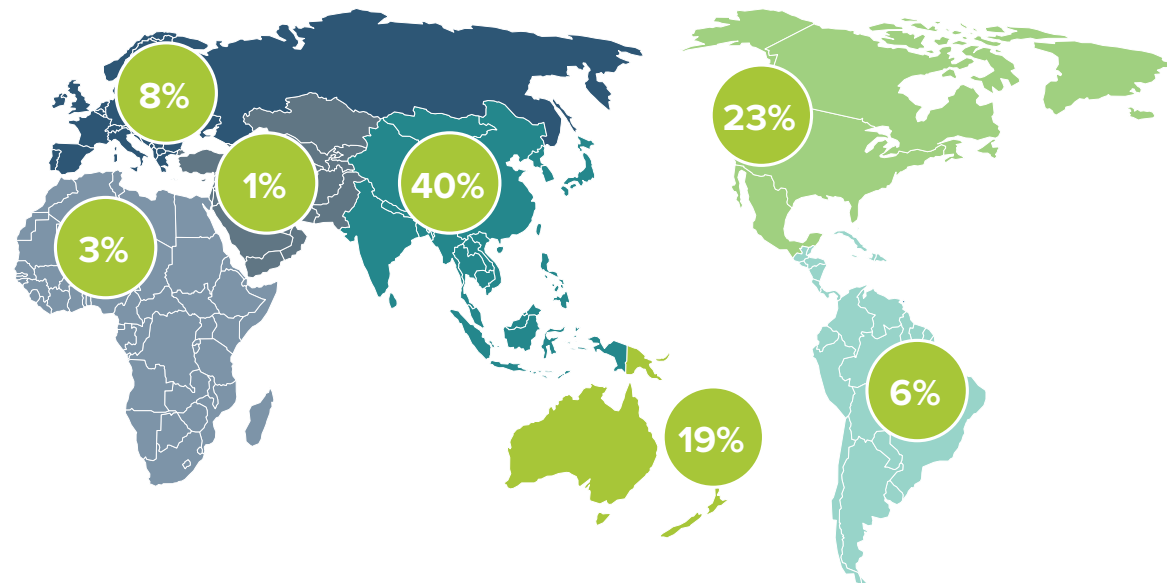
Total Imports*	157,498t (\$937.7m)
Cashews	14,866t (\$137.9m)
Other Nuts	15,498t (\$108.3m)
Cut Flowers*	(\$103.0m)
Kiwifruit	21,707t (\$81.9m)
Avocados	12,896t (\$58.4m)
Table Grapes	8,369t (\$49.6m)
Live Plants*	(\$43.4m)
Coconuts	13,939t (\$32.8m)
Walnuts	4,245t (\$31.5m)



Fresh Imports by Region

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

The relative share of import value from each of the seven 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*	60,057t (\$362.6m)
Cashews	14,770t (\$126.8m)
Other Nuts	9,784t (\$60.6m)
Cut Flowers*	(\$52.9m)
Garlic	12,282t (\$24.4m)
Live Plants*	(\$21.1m)
Mushrooms	4,653t (\$16.5m)
Pistachios	573t (\$14.5m)
Coconuts	4,873t (\$8.0m)
Pears	2,281t (\$6.4m)
Walnuts	532t (\$6.0m)

Europe*	7,174t (\$74.0m)
Hazelnuts	2,641t (\$28.8m)
Live Plants*	(\$17.5m)
Other Nuts	2,353t (\$16.2m)
Garlic	715t (\$3.5m)
Almonds	265t (\$2.0m)

Africa*	1,982t (\$25.2m)
Cut Flowers*	(\$19.1m)
Live Plants*	(\$1.0m)

New Zealand + Oceania*	35,343t (\$166.6m)
Kiwifruit	18,093t (\$62.5m)
Avocados	12,029t (\$54.7m)
Blueberries	788t (\$25.2m)
Persimmons	528t (\$3.6m)
Capsicums	655t (\$3.2m)
Other Nuts	373t (\$3.0m)
Live Plants*	(\$2.3m)
Cut Flowers*	(\$1.6m)
Ginger	300t (\$1.3m)
Almonds	96t (\$0.7m)

Central & South America*	4,065t (\$51.7m)
Cut Flowers*	(\$26.6m)
Brazil Nuts	1,206t (\$13.1m)
Garlic	1,614t (\$4.0m)
Avocados	868t (\$3.7m)
Walnuts	184t (\$1.6m)

Middle East	1,932t (\$10.6m)
Other Nuts	1,430t (\$7.0m)
Pistachios	115t (\$2.3m)

North America	35,053t (\$206.4m)
Table Grapes	8,260t (\$48.9m)
Oranges	9,127t (\$25.0m)
Walnuts	3,508t (\$23.7m)
Other Nuts	1,261t (\$20.3m)
Kiwifruit	3,614t (\$19.4m)
Asparagus	2,248t (\$18.7m)
Pistachios	1,000t (\$14.6m)
Cherries	931t (\$10.0m)
Nectarines/ Peaches	785t (\$6.0m)
Mandarins	1,135t (\$5.4m)

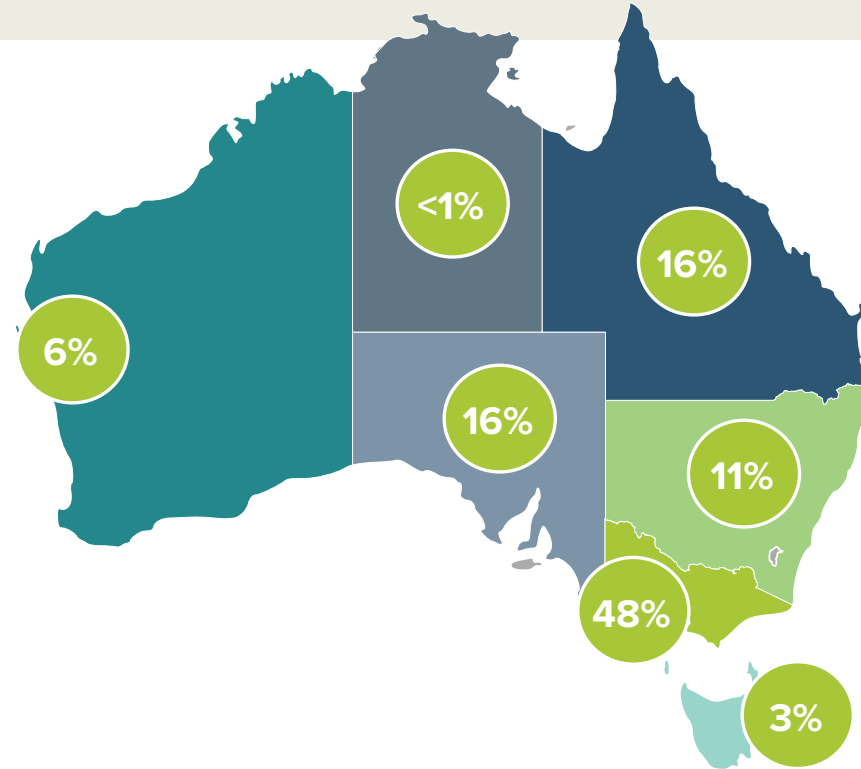
Total Imports*	157,498t (\$937.7m)
Cashews	14,866t (\$137.9m)
Other Nuts	15,498t (\$108.3m)
Cut Flowers*	(\$103.0m)
Kiwifruit	21,707t (\$81.9m)
Avocados	12,896t (\$58.4m)
Table Grapes	8,369t (\$49.6m)
Live Plants*	(\$43.4m)
Coconuts	13,939t (\$32.8m)
Walnuts	4,245t (\$31.5m)



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 seven 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*	105,939t (\$155.6m)
Carrots	81,654t (\$74.8m)
Strawberries	1,898t (\$22.1m)
Table Grapes	1,386t (\$9.1m)
Mushrooms	9t (\$7.9m)
Onions	6,612t (\$7.2m)
Avocados	1,210t (\$7.1m)
Potatoes	3,993t (\$6.5m)
Celery	2,704t (\$3.9m)
Oranges	2,149t (\$3.4m)
Cut Flowers*	(\$2.9m)

Northern Territory*	822t (\$3.8m)
Mangoes	280t (\$1.3m)
Cut Flowers*	(\$1.0m)

Tasmania	27,050t (\$77.6m)
Cherries	1,977t (\$47.8m)
Onions	21,981t (\$21.8m)
Carrots	2,320t (\$2.3m)

South Australia	131,864t (\$403.3m)
Almonds	37,556t (\$255.2m)
Oranges	50,583t (\$82.6m)
Mandarins	12,880t (\$23.0m)
Potatoes	19,467t (\$20.2m)
Onions	6,688t (\$8.2m)

New South Wales	88,977t (\$274.2m)
Macadamias	23,593t (\$95.0m)
Table Grapes	11,112t (\$47.5m)
Oranges	19,272t (\$33.1m)
Walnuts	4,322t (\$11.5m)
Potatoes	16,131t (\$10.9m)
Blueberries	357t (\$10.1m)
Almonds	1,457t (\$9.9m)
Avocados	1,527t (\$8.9m)
Mandarins	2,327t (\$4.1m)
Muskmelons	1,391t (\$3.1m)

Queensland*	111,163t (\$397.7m)
Macadamias	32,019t (128.9m)
Mandarins	47,867t (\$124.2m)
Avocados	7,204t (\$38.2m)
Other Nuts	997t (\$18.0m)
Muskmelons	5,607t (\$11.8m)
Mangoes	2,302t (\$10.9m)
Beans	1,252t (\$7.1m)
Live Plants*	(\$6.2m)
Blueberries	138t (\$5.9m)
Cut Flowers*	(\$4.5m)

Victoria	301,028t (\$1,213.7m)
Table Grapes	119,166t (\$496.4m)
Almonds	61,129t (\$451.4m)
Oranges	72,806t (\$125.0m)
Nectarines/ Peaches	8,261t (\$37.5m)
Mandarins	16,022t (\$32.8m)
Plums	3,167t (\$14.2m)
Cherries	629t (\$13.5m)
Pears	6,677t (\$11.5m)
Asparagus	997t (\$10.5m)
Other Nuts	660t (\$7.0m)

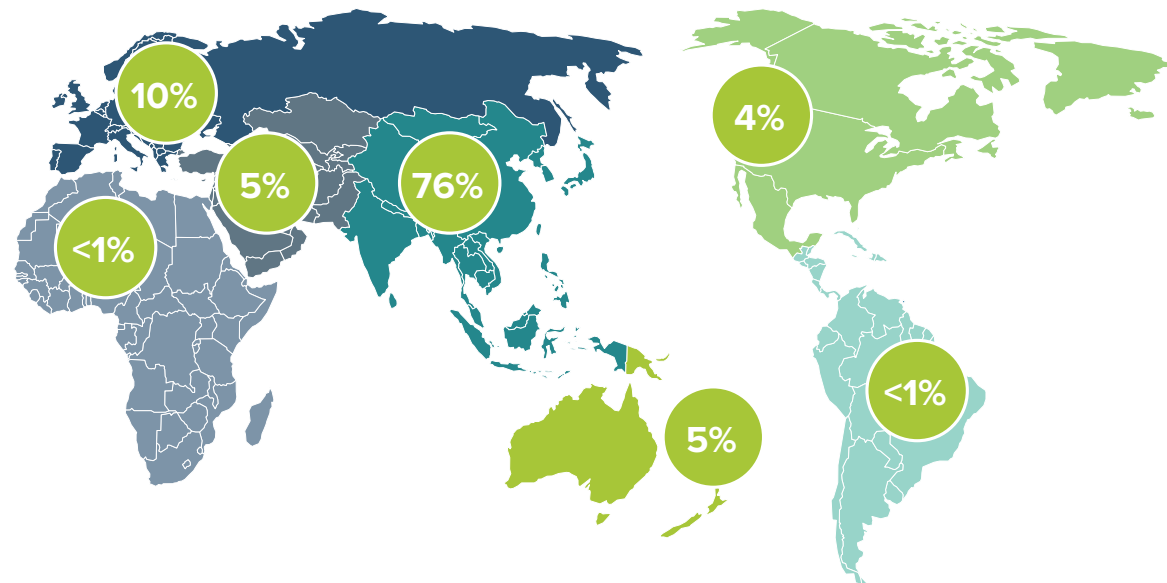
Total Exports	759,829t (\$2,541.4m)
Almonds	100,387t (\$682.3m)
Table Grapes	132,316t (\$557.3m)
Oranges	146,146t (\$246.4m)
Macadamias	56,173t (\$226.2m)
Mandarins	79,412t (\$184.6m)
Carrots	87,847t (\$82.5m)
Cherries	2,879t (\$67.0m)
Avocados	10,672t (\$58.8m)
Onions	36,299t (\$39.2m)
Potatoes	40,672t (\$39.2m)



Fresh Exports by Region

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

The relative share of the value of exports from each of the seven 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	580,132t (\$1,917.9m)
Table Grapes	123,665t (\$520.7m)
Almonds	56,542t (\$384.3m)
Oranges	133,245t (\$224.2m)
Macadamias	49,324t (\$198.6m)
Mandarins	65,722t (\$156.4m)
Cherries	2,763t (\$64.3m)
Avocados	10,579t (\$58.3m)
Nectarines/ Peaches	8,572t (\$39.5m)
Potatoes	38,171t (\$35.2m)
Carrots	30,410t (\$28.7m)

Europe	49,589t (\$258.9m)
Almonds	31,408t (\$213.5m)
Onions	10,788t (\$12.6m)
Walnuts	4,222t (\$11.0m)
Macadamias	2,680t (\$10.8m)
Mushrooms	4t (\$2.9m)
Africa	1,334t (\$7.3m)
Almonds	668t (\$4.5m)
Other Nuts	203t (\$1.7m)

New Zealand + Oceania	38,488t (\$117.2m)
Table Grapes	5,457t (\$24.6m)
Almonds	1,883t (\$12.8m)
Mandarins	5,916t (\$11.4m)
Oranges	7,189t (\$10.8m)
Beans	1,251t (\$7.1m)
Other Nuts	813t (\$7.0m)
Pears	3,998t (\$6.4m)
Mangoes	1,105t (\$3.1m)
Carrots	2,531t (\$3.0m)
Strawberries	311t (\$2.8m)

Central & South America	178t (\$0.6m)
Middle East*	77,337t (\$137.8m)
Carrots	54,525t (\$50.3m)
Almonds	4,949t (\$33.6m)
Table Grapes	3,137t (\$11.8m)
Live Plants*	(\$7.6m)
Watermelons	1,907t (\$6.6m)
Onions	3,379t (\$3.8m)
Mandarins	2,144t (\$3.7m)
Nectarines/ Peaches	884t (\$3.6m)
Macadamias	320t (\$1.3m)
Potatoes	1,926t (\$2.6m)

North America*	20,107t (\$89.1m)
Almonds	4,862t (\$33.0m)
Macadamias	3,547t (\$14.3m)
Mandarins	5,618t (\$13.1m)
Oranges	3,889t (\$9.2m)
Other Nuts	195t (\$4.0m)
Cut Flowers*	(\$2.6m)
Nectarines/ Peaches	306t (\$2.6m)
Mangoes	251t (\$2.5m)
Mushrooms	3t (\$2.5m)
Cherries	75t (\$1.9m)

Total Exports	759,829t (\$2,541.4m)
Almonds	100,387t (\$682.3m)
Table Grapes	132,316t (\$557.3m)
Oranges	146,146t (\$246.4m)
Macadamias	56,173t (\$226.2m)
Mandarins	79,412t (\$184.6m)
Carrots	87,847t (\$82.5m)
Cherries	2,879t (\$67.0m)
Avocados	10,672t (\$58.8m)
Onions	36,299t (\$39.2m)
Potatoes	40,672t (\$39.2m)



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 2023.

Year Ending June 2023	Production (t)
All Horticultural Products	6,453,481
All Fruit	2,652,061
Apples	285,176
Avocados	115,385
Bananas	374,251
Berries - Combined	96,816
Blueberries	20,211
Rubus Berries	10,781
Strawberries	65,824
Cherries	15,114
Citrus - Combined	815,750
Grapefruit	9,030
Lemons/Limes	73,120
Mandarins	198,415
Oranges	535,185
Custard Apples	1,324
Kiwifruit	3,893
Lychees	3,215
Mangoes	74,900
Melons - Combined	226,022
Muskmelons	60,299
Watermelons	165,723
Nashi	1,435

Year Ending June 2023	Production (t)
Passionfruit	4,711
Papaya/Pawpaw	21,760
Persimmons	3,646
Pears	92,450
Pineapples	72,178
Summerfruit - Combined	88,743
Apricots	2,495
Nectarines/Peaches	62,202
Plums	24,045
Table Grapes	232,962
Processing Fruit - Combined*	167,413
Dried Grapes	14,184
Prunes*	9,000
Other Dried Tree Fruit*	1,269
Canned Fruit*	42,424
Olives	100,536
Other Fruit	7,610
All Vegetables	3,585,678
Artichokes	450
Asparagus	5,296
Beans	29,118
Beetroot	16,167
Broccoli/Baby Broccoli	76,316

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

Year Ending June 2023	Production (t)
Brussels Sprouts	7,833
Cabbage	62,848
Capsicums	73,719
Carrots	300,715
Cauliflower	84,893
Celery	56,472
Chillies	2,232
Cucumbers	93,469
Eggplant	8,698
English Spinach/Silverbeet/Kale	6,674
Fresh Herbs - Combined*	13,064
Fennel	1,391
Parsley and Other Herbs	11,673
Garlic	2,730
Ginger	4,922
Leafy Asian Vegetables	29,092
Leafy Salad Vegetables	75,720
Leeks	10,127
Head Lettuce	145,394
Mushrooms	61,633
Onions	255,159
Parsnips	3,593
Peas	25,448

* 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 2023	Production (t)
Potatoes	1,462,975
Pumpkins	118,278
Sweet Corn	76,296
Sweetpotatoes	91,458
Tomatoes	321,736
Zucchini	37,139
Other Vegetables	26,015
All Nuts	215,742
Almonds (Inshell)**	147,687
Chestnuts (Inshell)**	1,255
Hazelnuts (Inshell)**	1,450
Macadamias (Inshell)	48,400
Pecans (Inshell)	2,604
Pistachios (Inshell)	1,400
Walnuts (Inshell)	8,000
Other Nuts (Inshell)	4,946
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 2023.

Year Ending June 2023	Production (\$m)
All Horticultural Products	\$16,253.8
All Fruit	\$6,320.3
Apples	\$647.0
Avocados	\$560.7
Bananas	\$583.3
Berries - Combined	\$1,072.6
Blueberries	\$422.2
Rubus Berries	\$221.3
Strawberries	\$429.2
Cherries	\$262.6
Citrus - Combined	\$977.1
Grapefruit	\$16.0
Lemons/Limes	\$153.7
Mandarins	\$368.3
Oranges	\$439.1
Custard Apples	\$8.9
Kiwifruit	\$21.0
Lychees	\$47.8
Mangoes	\$207.9
Melons - Combined	\$248.2
Muskmelons	\$89.9
Watermelons	\$158.3
Nashi	\$4.5

Year Ending June 2023	Production (\$m)
Passionfruit	\$29.6
Papaya/Pawpaw	\$39.0
Persimmons	\$18.0
Pears	\$126.1
Pineapples	\$76.0
Summerfruit - Combined	\$301.3
Apricots	\$9.5
Nectarines/Peaches	\$224.8
Plums	\$66.9
Table Grapes	\$918.6
Processing Fruit - Combined*	\$177.4
Dried Grapes	\$29.6
Prunes*	\$3.7
Other Dried Tree Fruit*	\$0.3
Canned Fruit*	\$19.1
Olives	\$124.7
Other Fruit	\$15.9
All Vegetables	\$5,830.4
Artichokes	\$1.6
Asparagus	\$59.3
Beans	\$114.3
Beetroot	\$14.9
Broccoli/Baby Broccoli	\$269.0

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

Year Ending June 2023	Production (\$m)
Brussels Sprouts	\$42.1
Cabbage	\$59.7
Capsicums	\$215.8
Carrots	\$261.7
Cauliflower	\$73.7
Celery	\$72.1
Chillies	\$13.5
Cucumbers	\$213.6
Eggplant	\$23.6
English Spinach/Silverbeet/Kale	\$25.5
Fresh Herbs - Combined*	\$317.3
Fennel	\$4.0
Parsley and Other Herbs	\$313.3
Garlic	\$21.3
Ginger	\$13.6
Leafy Asian Vegetables	\$91.2
Leafy Salad Vegetables	\$736.5
Leeks	\$34.8
Head Lettuce	\$243.8
Mushrooms	\$407.7
Onions	\$332.7
Parsnips	\$14.4
Peas	\$64.9

* 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 373.

Year Ending June 2023	Production (\$m)
Potatoes	\$1,033.5
Pumpkins	\$94.1
Sweet Corn	\$117.6
Sweetpotatoes	\$69.2
Tomatoes	\$570.6
Zucchini	\$64.9
Other Vegetables	\$141.8
All Nuts	\$721.1
Almonds	\$523.4
Chestnuts	\$9.6
Hazelnuts	\$6.4
Macadamias	\$104.0
Pecans	\$13.1
Pistachios	\$15.9
Walnuts	\$20.3
Other Nuts	\$28.5
Other Horticulture	\$3,382.0
Cut Flowers	\$308.4
Nursery*	\$2,777.5
Turf	\$296.1



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 2023.

Year Ending June 2023	Fresh Export Volume (t)
All Horticultural Products	759,829
All Fruit	420,966
Apples	1,650
Avocados	10,672
Bananas	
Berries - Combined	2,782
Blueberries	504
Rubus Berries	9
Strawberries	2,269
Cherries	2,879
Citrus - Combined	231,301
Grapefruit	1,621
Lemons/Limes	3,907
Mandarins	79,412
Oranges	146,146
Custard Apples	66
Kiwifruit	197
Lychees	275
Mangoes	3,046
Melons - Combined	12,809
Muskmelons	9,912
Watermelons	2,897
Nashi	

Year Ending June 2023	Fresh Export Volume (t)
Passionfruit	
Papaya/Pawpaw	7
Persimmons	158
Pears	6,912
Pineapples	
Summerfruit - Combined	14,593
Apricots	77
Nectarines/Peaches	9,909
Plums	4,608
Table Grapes	132,316
Processing Fruit Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	1,302
All Vegetables	184,038
Artichokes	9
Asparagus	1,022
Beans	1,254
Beetroot	306
Broccoli/Baby Broccoli	2,215

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2023	Fresh Export Volume (t)
Brussels Sprouts	306
Cabbage	533
Capsicums	333
Carrots	87,847
Cauliflower	292
Celery	4,118
Chillies	18
Cucumbers	51
Eggplant	6
Eng.Spinach/Silverbeet/Kale	240
Fresh Herbs - Combined	
Fennel	
Parsley and Other Herbs	
Garlic	
Ginger	26
Leafy Asian Vegetables	
Leafy Salad Vegetables	646
Leeks	117
Head Lettuce	376
Mushrooms	59
Onions	36,299
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 336 to 363.

Year Ending June 2023	Fresh Export Volume (t)
Potatoes	40,672
Pumpkins	2,711
Sweet Corn	
Sweetpotatoes	987
Tomatoes	1,086
Zucchini	
<i>Other Vegetables</i>	2,577
All Nuts*	154,824
Almonds*	112,614
Chestnuts*	1
Hazelnuts*	78
Macadamias*	34,980
Pecans*	375
Pistachios*	77
Walnuts*	4,373
<i>Other Nuts*</i>	2,325
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 2023.

Year Ending June 2023	Fresh Export Value (\$m)
All Horticultural Products	\$2,541.4
All Fruit	\$1,307.9
Apples	\$4.6
Avocados	\$58.8
Bananas	
Berries - Combined	\$42.2
Blueberries	\$16.2
Rubus Berries	\$0.3
Strawberries	\$25.7
Cherries	\$67.0
Citrus - Combined	\$441.1
Grapefruit	\$2.7
Lemons/Limes	\$6.9
Mandarins	\$184.6
Oranges	\$246.4
Custard Apples	\$0.6
Kiwifruit	\$1.1
Lychees	\$5.0
Mangoes	\$14.5
Melons - Combined	\$28.5
Muskmelons	\$19.7
Watermelons	\$8.8
Nashi	

Year Ending June 2023	Fresh Export Value (\$m)
Passionfruit	
Papaya/Pawpaw	<\$0.1
Persimmons	\$1.4
Pears	\$12.1
Pineapples	
Summerfruit - Combined	\$67.1
Apricots	\$0.5
Nectarines/Peaches	\$46.3
Plums	\$20.3
Table Grapes	\$557.3
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	\$7.2
All Vegetables	\$251.6
Artichokes	<\$0.1
Asparagus	\$10.7
Beans	\$7.2
Beetroot	\$1.7
Broccoli/Baby Broccoli	\$35.4

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2023	Fresh Export Value (\$m)
Brussels Sprouts	\$2.2
Cabbage	\$1.7
Capsicums	\$1.9
Carrots	\$82.5
Cauliflower	\$1.5
Celery	\$7.5
Chillies	<\$0.1
Cucumbers	\$0.5
Eggplant	<\$0.1
English Spinach/Silverbeet/Kale	\$2.6
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	
Ginger	\$0.3
Leafy Asian Vegetables	
Leafy Salad Vegetables	\$6.1
Leeks	\$0.7
Head Lettuce	\$1.1
Mushrooms	\$8.9
Onions	\$39.2
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 336 to 363.

Year Ending June 2023	Fresh Export Value (\$m)
Potatoes	\$39.2
Pumpkins	\$4.1
Sweet Corn	
Sweetpotatoes	\$1.9
Tomatoes	\$6.1
Zucchini	
<i>Other Vegetables</i>	\$12.4
All Nuts*	\$958.6
Almonds *	\$682.3
Chestnuts*	
Hazelnuts*	\$0.5
Macadamias*	\$226.2
Pecans*	\$4.9
Pistachios*	\$1.5
Walnuts*	\$11.9
<i>Other Nuts*</i>	\$31.3
Other Horticulture	\$23.4
Cut Flowers	\$9.3
<i>Nursery*</i>	\$14.1
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 2023.

Year Ending June 2023	Fresh Import Volume (t)
All Horticultural Products	157,498
All Fruit	80,403
Apples	1,048
Avocados	12,896
Bananas	
Berries - Combined	788
Blueberries	788
Rubus Berries	
Strawberries	<0.1
Cherries	932
Citrus - Combined	12,596
Grapefruit	575
Lemons/Limes	736
Mandarins	1,433
Oranges	9,847
Custard Apples	
Kiwifruit	21,707
Lychees	65
Mangoes	660
Melons - Combined	
Muskmelons	
Watermelons	
Nashi	2,295

Year Ending June 2023	Fresh Import Volume (t)
Passionfruit	
Papaya/Pawpaw	2
Persimmons	531
Pears	
Pineapples	
Summerfruit - Combined	975
Apricots	98
Nectarines/Peaches	785
Plums	92
Table Grapes	8,369
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	17,538
All Vegetables	35,677
Artichokes	
Asparagus	2,248
Beans	345
Beetroot	87
Broccoli/Baby Broccoli	

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2023	Fresh Import Volume (t)
Brussels Sprouts	
Cabbage	42
Capsicums	667
Carrots	
Cauliflower	
Celery	
Chillies	35
Cucumbers	
Eggplant	3
English Spinach/Silverbeet/Kale	
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	15,428
Ginger	560
Leafy Asian Vegetables	
Leafy Salad Vegetables	56
Leeks	96
Head Lettuce	1
Mushrooms	4,823
Onions	7,855
Parsnips	
Peas	281

* Note : Nut imports includes both the kernel and in-shell form. Further information on volumes of each type is provided on pages 336 to 363.

Year Ending June 2023	Fresh Import Volume (t)
Potatoes	
Pumpkins	7
Sweet Corn	
Sweetpotatoes	1,081
Tomatoes	
Zucchini	
<i>Other Vegetables</i>	2,060
All Nuts*	41,418
Almonds *	1,083
Chestnuts*	2
Hazelnuts*	2,775
Macadamias*	
Pecans*	
Pistachios*	1,746
Walnuts*	4,245
<i>Other Nuts*</i>	31,568
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 2023.

Year Ending June 2023	Fresh Import Value (\$m)
All Horticultural Products	\$937.7
All Fruit	\$339.6
Apples	\$2.9
Avocados	\$58.4
Bananas	
Berries - Combined	\$25.2
Blueberries	\$25.2
Rubus Berries	
Strawberries	
Cherries	\$10.0
Citrus - Combined	\$35.9
Grapefruit	\$1.7
Lemons/Limes	\$1.9
Mandarins	\$6.3
Oranges	\$26.1
Custard Apples	
Kiwifruit	\$81.9
Lychees	\$0.7
Mangoes	\$6.0
Melons - Combined	
Muskmelons	
Watermelons	
Nashi	\$6.5

Year Ending June 2023	Fresh Import Value (\$m)
Passionfruit	
Papaya/Pawpaw	<\$0.1
Persimmons	\$3.6
Pears	
Pineapples	
Summerfruit - Combined	\$7.2
Apricots	\$0.4
Nectarines/Peaches	\$6.0
Plums	\$0.7
Table Grapes	\$49.6
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	\$51.9
All Vegetables	\$101.0
Artichokes	
Asparagus	\$18.7
Beans	\$0.6
Beetroot	\$0.2

Sources: GTA; IRB; (Freshlogic Analysis)

Year Ending June 2023	Fresh Import Value (\$m)
Brussels Sprouts	
Cabbage	\$0.1
Capsicums	\$3.2
Carrots	
Cauliflower	
Celery	
Chillies	\$0.2
Cucumbers	
Eggplant	<\$0.1
English Spinach/Silverbeet/Kale	
Fresh Herbs - Combined*	
Fennel	
Parsley and Other Herbs	
Garlic	\$36.0
Ginger	\$2.4
Leafy Asian Vegetables	
Leafy Salad Vegetables	\$0.1
Leeks	
Head Lettuce	
Mushrooms	\$17.1
Onions	\$9.4
Parsnips	
Peas	\$1.4

* Note : Nut imports includes both the kernel and in-shell form. Further information on values of each type is provided on pages 336 to 363.

Year Ending June 2023	Fresh Import Value (\$m)
Potatoes	
Pumpkins	<\$0.1
Sweet Corn	
Sweetpotatoes	\$1.8
Tomatoes	
Zucchini	
<i>Other Vegetables</i>	\$9.8
All Nuts*	\$350.8
Almonds *	\$7.2
Chestnuts*	<\$0.1
Hazelnuts*	\$30.1
Macadamias*	
Pecans*	
Pistachios*	\$32.9
Walnuts*	\$31.5
<i>Other Nuts*</i>	\$249.0
Other Horticulture	\$146.4
Cut Flowers	\$103.0
<i>Nursery*</i>	\$43.4
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 2023.

Year Ending June 2023	Fresh Supply (t)
All Horticultural Products	4,015,745
All Fruit	1,776,260
Apples	205,302
Avocados	112,502
Bananas	373,131
Berries - Combined	88,140
Blueberries	18,742
Rubus Berries	9,861
Strawberries	59,537
Cherries	11,730
Citrus - Combined	370,986
Grapefruit	7,604
Lemons/Limes	62,411
Mandarins	116,355
Oranges	184,617
Custard Apples	1,258
Kiwifruit	25,403
Lychees	3,005
Mangoes	68,687
Melons - Combined	210,265
Muskmelons	49,080
Watermelons	161,185
Nashi	3,330

Year Ending June 2023	Fresh Supply (t)
Passionfruit	4,322
Papaya/Pawpaw	17,872
Persimmons	4,011
Pears	53,208
Pineapples	46,593
Summerfruit - Combined	58,628
Apricots	2,080
Nectarines/Peaches	44,011
Plums	12,537
Table Grapes	109,015
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
Other Fruit	8,873
All Vegetables	2,162,074
Artichokes	441
Asparagus	6,522
Beans	28,209
Beetroot	6,220
Broccoli/Baby Broccoli	70,330

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

Year Ending June 2023	Fresh Supply (t)
Brussels Sprouts	6,141
Cabbage	52,770
Capsicums	69,716
Carrots	194,381
Cauliflower	77,591
Celery	51,520
Chillies	1,734
Cucumbers	88,294
Eggplant	8,138
English Spinach/Silverbeet/Kale	5,945
Fresh Herbs - Combined*	12,575
Fennel	1,351
Parsley and Other Herbs	11,224
Garlic	11,343
Ginger	2,637
Leafy Asian Vegetables	29,092
Leafy Salad Vegetables	75,129
Leeks	10,106
Head Lettuce	145,019
Mushrooms	64,582
Onions	203,844
Parsnips	3,488
Peas	5,808

* 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 2023	Fresh Supply (t)
Potatoes	429,304
Pumpkins	111,907
Sweet Corn	34,998
Sweetpotatoes	82,844
Tomatoes	210,029
Zucchini	36,482
Other Vegetables	24,933
All Nuts	77,410
Almonds	24,697
Chestnuts	1,256
Hazelnuts	3,841
Macadamias	3,550
Pecans	1,085
Pistachios	4,606
Walnuts	5,576
Other Nuts	32,800
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 2023.

Year Ending June 2023	Wholesale Value (\$m)
All Horticultural Products	\$16,724.8
All Fruit	\$6,214.4
Apples	\$750.8
Avocados	\$618.8
Bananas	\$706.9
Berries - Combined	\$1,245.4
Blueberries	\$509.6
Rubus Berries	\$259.4
Strawberries	\$476.3
Cherries	\$259.7
Citrus - Combined	\$699.8
Grapefruit	\$17.3
Lemons/Limes	\$173.9
Mandarins	\$251.0
Oranges	\$257.6
Custard Apples	\$9.9
Kiwifruit	\$162.8
Lychees	\$52.3
Mangoes	\$228.0
Melons - Combined	\$263.2
Muskmelons	\$85.9
Watermelons	\$177.3
Nashi	\$16.9

Year Ending June 2023	Wholesale Value (\$m)
Passionfruit	\$34.5
Papaya/Pawpaw	\$45.8
Persimmons	\$22.8
Pears	\$129.3
Pineapples	\$72.2
Summerfruit - Combined	\$281.6
Apricots	\$11.1
Nectarines/Peaches	\$218.2
Plums	\$52.3
Table Grapes	\$566.9
Processing Fruit - Combined*	
Dried Grapes	
Prunes*	
Other Dried Tree Fruit*	
Canned Fruit*	
Olives	
<i>Other Fruit</i>	\$46.9
All Vegetables	\$6,175.4
Artichokes	\$1.8
Asparagus	\$90.1
Beans	\$128.9
Beetroot	\$14.2
Broccoli/Baby Broccoli	\$303.7

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

Year Ending June 2023	Wholesale Value (\$m)
Brussels Sprouts	\$46.4
Cabbage	\$67.5
Capsicums	\$253.1
Carrots	\$223.5
Cauliflower	\$84.6
Celery	\$77.3
Chillies	\$15.7
Cucumbers	\$249.9
Eggplant	\$27.6
English Spinach/Silverbeet/Kale	\$27.2
Fresh Herbs - Combined*	\$372.0
Fennel	\$4.7
Parsley and Other Herbs	\$367.3
Garlic	\$109.4
Ginger	\$14.9
Leafy Asian Vegetables	\$107.3
Leafy Salad Vegetables	\$861.0
Leeks	\$40.7
Head Lettuce	\$285.7
Mushrooms	\$507.6
Onions	\$362.5
Parsnips	\$16.8
Peas	\$64.8

* 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 373.

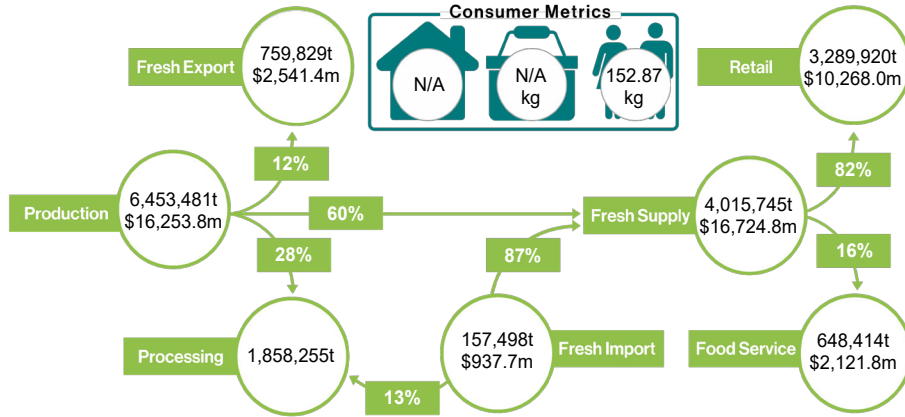
Year Ending June 2023	Wholesale Value (\$m)
Potatoes	\$626.6
Pumpkins	\$106.3
Sweet Corn	\$125.3
Sweetpotatoes	\$79.8
Tomatoes	\$646.6
Zucchini	\$76.2
<i>Other Vegetables</i>	\$124.2
All Nuts	\$704.0
Almonds	\$173.7
Chestnuts	\$11.3
Hazelnuts	\$41.7
Macadamias	\$56.3
Pecans	\$16.2
Pistachios	\$70.1
Walnuts	\$28.9
<i>Other Nuts</i>	\$305.9
Other Horticulture	\$3,631.0
Cut Flowers	\$430.0
<i>Nursery*</i>	\$2,905.0
Turf	\$296.1



All Horticulture

All Fresh Horticulture Overview

ALL FRESH HORTICULTURE SUPPLY CHAIN – YEAR ENDING JUNE 2023



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

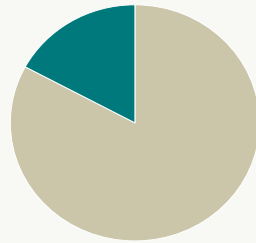
TOTAL PRODUCTION:



\$16,253.8M

6,453,481t produced (not including cut flowers, nursery and turf products) and valued at **\$16,253.8M**

RETAIL VS FOOD SERVICE:



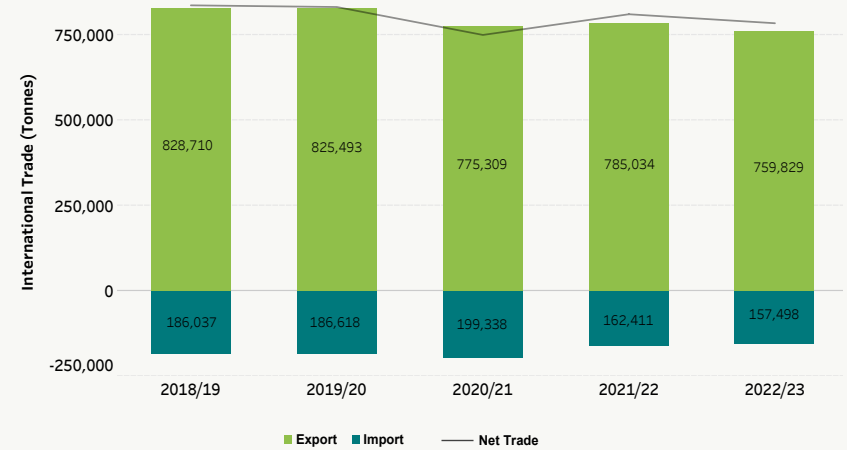
■ Retail 82% ■ Food Service 16%

The wholesale value of the fresh supply was **\$16,724.8M**, with **\$10,268M** distributed into retail and **\$2,121.8M** into food service.

YEAR ENDING JUNE	2021	2022		2023	
	Value	Value	% YoY	Value	% YoY
Production (t)	6,724,317	6,628,077	-1%	6,453,481	-3%
Production (\$m)	\$15,449.3	\$15,819.5	+2%	\$16,253.8	+3%
Production area (Ha)	-	-	-	-	-
Fresh Export Volume (t)	775,309	785,034	+1%	759,829	-3%
Fresh Export Value (\$m)	\$2,479.9	\$2,630.2	+6%	\$2,541.4	-3%
Fresh Import Volume (t)	199,338	162,411	-19%	157,498	-3%
Fresh Import Value (\$m)	\$1,173.1	\$967.0	-18%	\$937.7	-3%
Fresh Supply (t)	4,117,689	3,992,159	-3%	4,015,745	<1%
Fresh Supply Wholesale Value (\$m)	\$17,474.9	\$15,978.2	-9%	\$16,724.8	+5%
Supply per Capita (kg)	159.91	153.85	-4%	152.87	>-1%
Retail Supply (t)	3,370,245	3,248,889	-4%	3,289,920	+1%
Retail Supply Wholesale Value (\$m)	\$9,178.9	\$9,414.5	+3%	\$10,268.0	+9%
Food Service Supply (t)	657,625	655,891	>-1%	648,414	-1%
Food Service Wholesale Value (\$m)	\$1,871.3	\$1,951.6	+4%	\$2,121.8	+9%

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

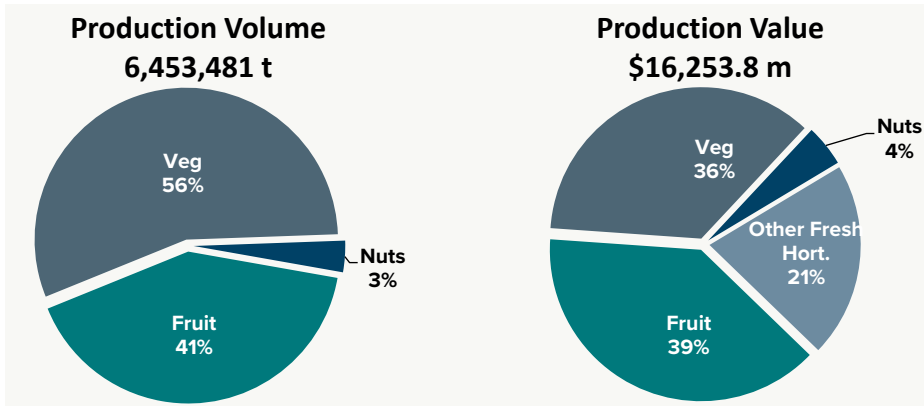
ALL FRESH HORTICULTURE INTERNATIONAL TRADE



All Fresh Horticulture Overview

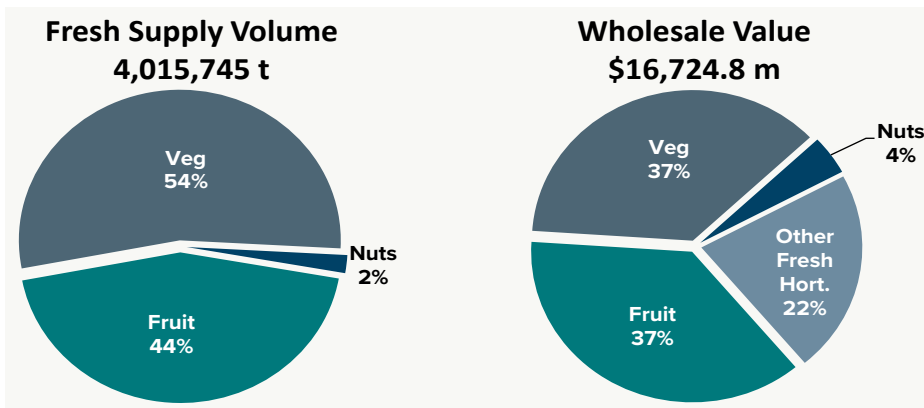
The charts below profile the share of total Australian production of all horticultural categories during the year ending June 2023. Only the value of the Other fresh horticulture grouping has been recorded, due to inconsistencies in the volume units used for this group.

SHARE OF PRODUCTION – YEAR ENDING JUNE 2023



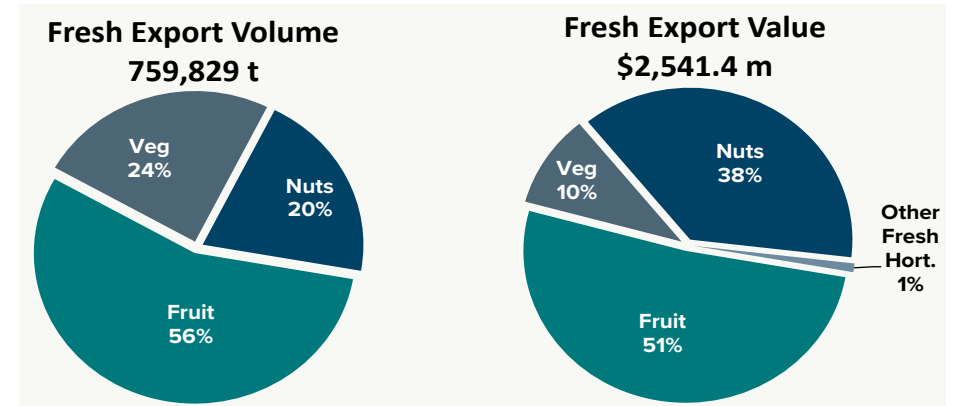
The charts below profile the share of total Australian fresh supply of all horticultural categories during the year ending June 2023.

SHARE OF FRESH SUPPLY – YEAR ENDING JUNE 2023



The charts below profile the share of total Australian fresh export of all horticultural categories during the year ending June 2023.

SHARE OF FRESH EXPORTS – YEAR ENDING JUNE 2023



The charts below profile the share of total Australian fresh imports of all horticultural categories during the year ending June 2023.

SHARE OF FRESH IMPORTS – YEAR ENDING JUNE 2023

