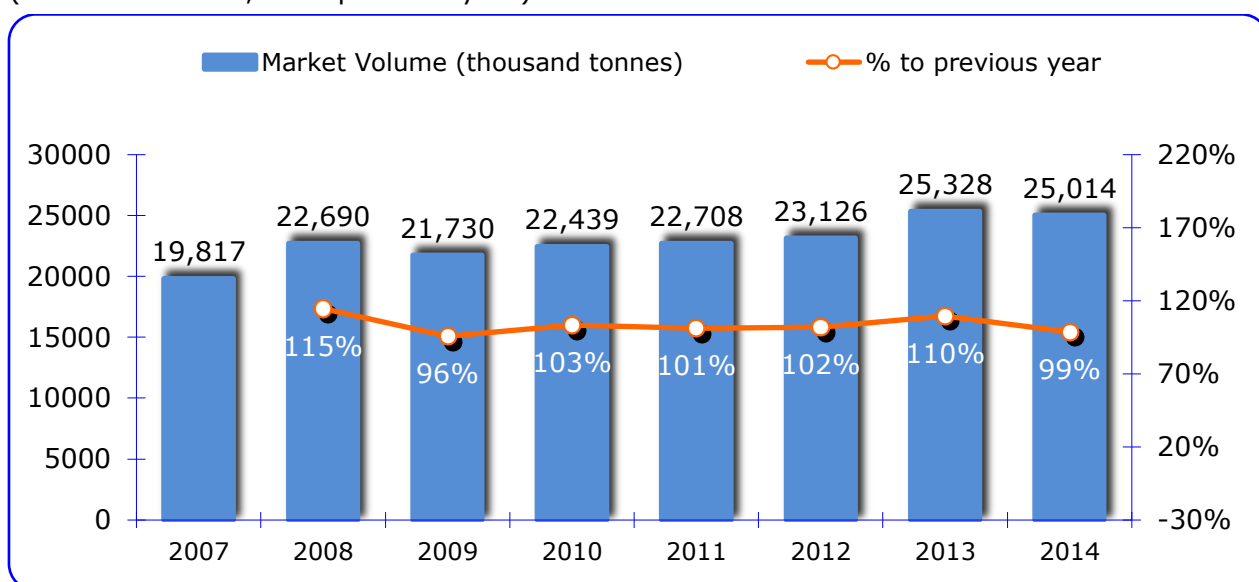


## The Australian Garlic Trade: Main Trends

Garlic is closely related to onions, shallots, chives and leeks. Being one of the oldest known horticultural crops, garlic is an integral ingredient in almost all the cuisines around the globe. Health properties of garlic are undeniable: while its antimicrobial characteristics may serve as a preventive measure or a remedy for cold and other infections, it may be also used as a digestion enhancer, consumed as a condiment in different dishes or separately.

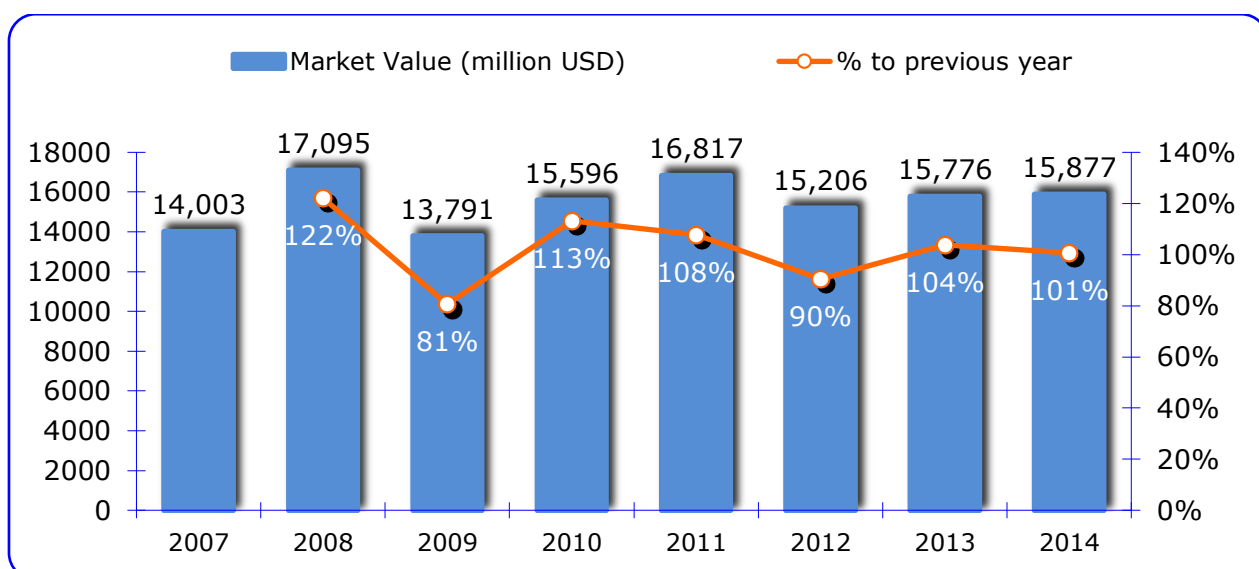
The global garlic market had total revenues of 15.88 billion USD in 2014, representing a compound annual growth rate (CAGR) of 3.4% from 2007 to 2014. In physical terms, the market reached 25 million tonnes.

Figure 1: Market Volume, 2007-2014  
(thousand tonnes, % to previous year)



Source: UN DATA

Figure 2: Market Value – At Producer, Importer And Exporter Prices, 2007-2014  
(million USD, % to previous year)



Source: UN DATA

In 2014, the main global supplier of garlic was China (1,752 thousand tonnes), distantly followed by Spain (124 thousand tonnes) and Argentina (75 thousand tonnes), together making up 93% of the total exports.

Table 1: Exports Of Garlic, In Physical Terms, By Country, 2007-2014  
(thousand tonnes)

Country	2007	2008	2009	2010	2011	2012	2013	2014	Jan.- Aug. 2015	CAGR, 2007- 2014
China	1,438	1,536	1,596	1,365	1,664	1,414	1,626	1,752	n/a	2.9%
Spain	52	49	63	65	60	82	98	124	20	13.1%
Argentina	120	99	92	89	92	88	72	75	50	-6.6%
Netherlands	17	19	44	20	25	23	22	21	0	2.7%
Malaysia	22	21	13	6	6	13	16	20	9	-1.6%
India	0	1	14	13	3	25	29	16	4	64.8%
Mexico	11	12	13	12	13	14	10	12	7	1.1%
Italy	9	9	11	11	11	12	12	11	6	3.7%
Chile	4	5	6	6	10	13	9	10	7	15.0%
USA	5	5	6	10	12	7	8	10	0	9.9%
France	13	11	11	11	12	10	10	9	1	-4.9%
United Kingdom	1	1	1	2	1	2	3	4	3	24.4%
Egypt	4	6	3	4	13	6	6	4	0	-2.2%
Yemen	0	0	0	1	1	1	1	3	n/a	61.1%
Germany	2	2	2	2	2	1	1	2	0	-1.9%
Others	61	43	29	36	35	23	76	29	n/a	-
Total	1,761	1,818	1,902	1,651	1,959	1,733	2,001	2,102	n/a	10.3%

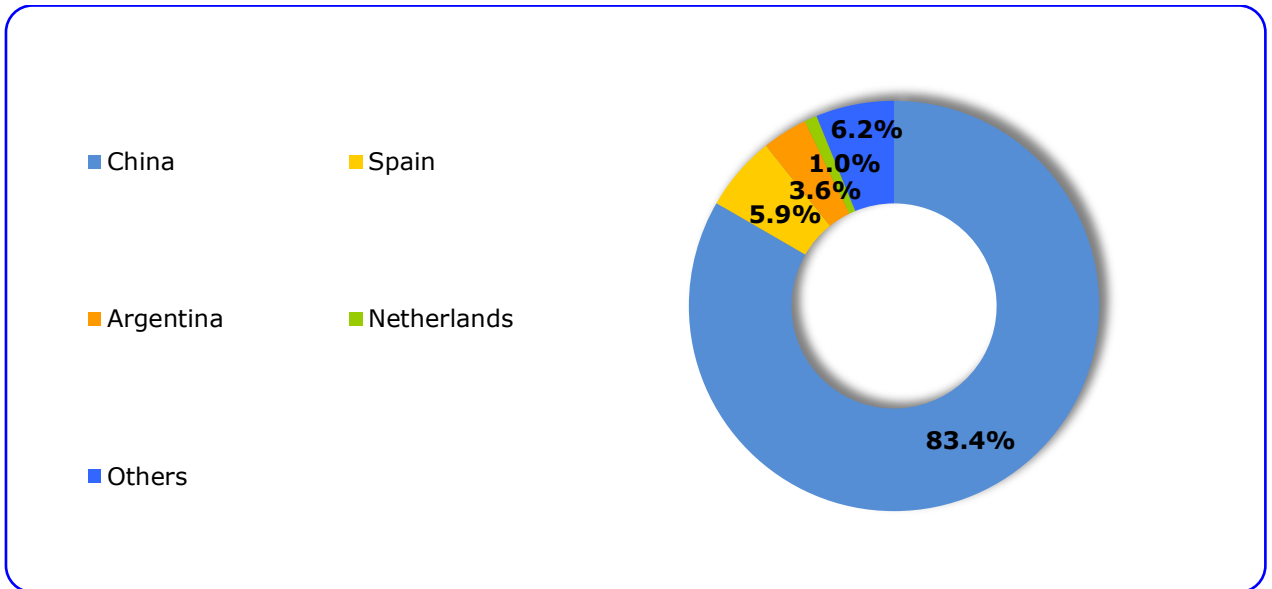
Source: UN DATA

Table 2: Exports Of Garlic, In Value Terms, By Country, 2007-2014  
(million USD)

Country	2007	2008	2009	2010	2011	2012	2013	2014	Jan.- Aug. 2015	CAGR, 2007- 2014
China	872	638	1,086	2,319	2,068	1,388	1,397	1,473	n/a	7.8%
Spain	135	125	139	215	196	183	204	221	134	7.3%
Argentina	125	112	113	195	208	128	136	108	60	-2.2%
Netherlands	39	38	50	59	78	60	60	50	26	3.4%
France	46	43	38	46	57	38	42	36	16	-3.6%
Italy	28	30	31	45	54	40	44	35	17	3.2%
Chile	5	8	10	19	28	24	26	22	21	23.7%
USA	10	10	13	19	20	12	15	19	11	9.9%
Mexico	13	16	11	13	13	17	12	11	8	-2.0%
Malaysia	6	9	3	3	3	4	7	8	4	3.6%
India	0	0	7	19	3	10	11	8	2	56.3%
United Kingdom	2	2	2	5	3	4	6	7	6	20.4%
Germany	5	6	5	7	7	4	4	5	2	-1.6%
Egypt	2	2	4	6	11	14	7	5	6	14.3%
Yemen	0	0	0	1	1	1	0	2	n/a	70.0%
Others	39	30	33	49	54	42	52	47	n/a	2.9%
Total	1,328	1,068	1,545	3,020	2,802	1,968	2,024	2,056	n/a	6.4%

Source: UN DATA

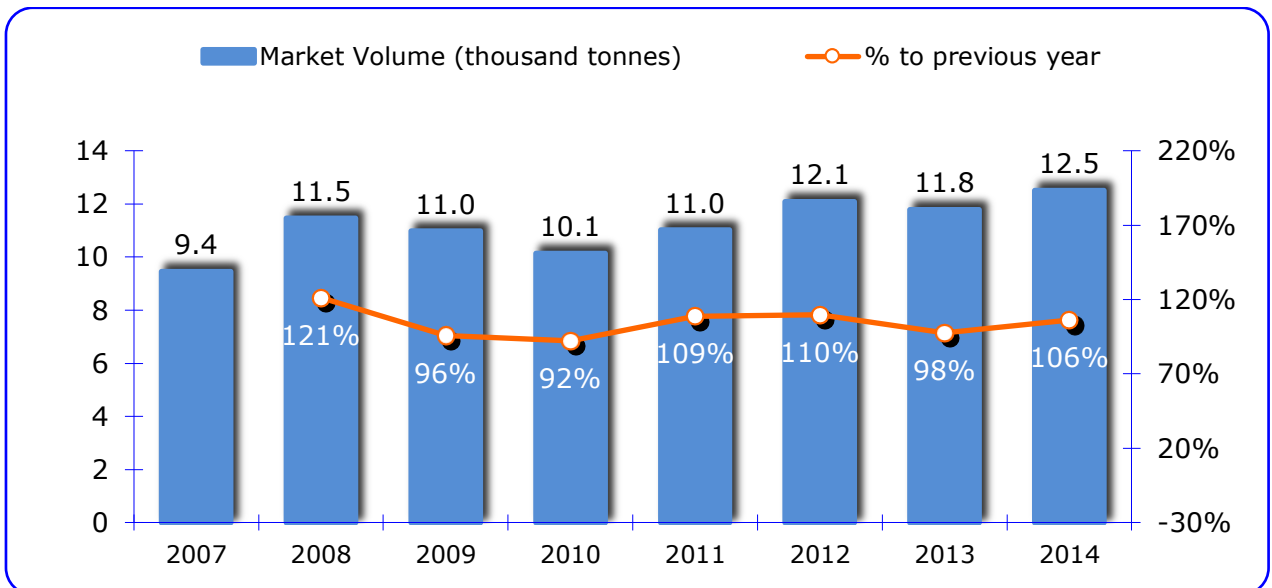
Figure 3: Exports Of Garlic, In Physical Terms, By Country Of Origin, 2014  
(%, based on tonne)



Source: UN DATA

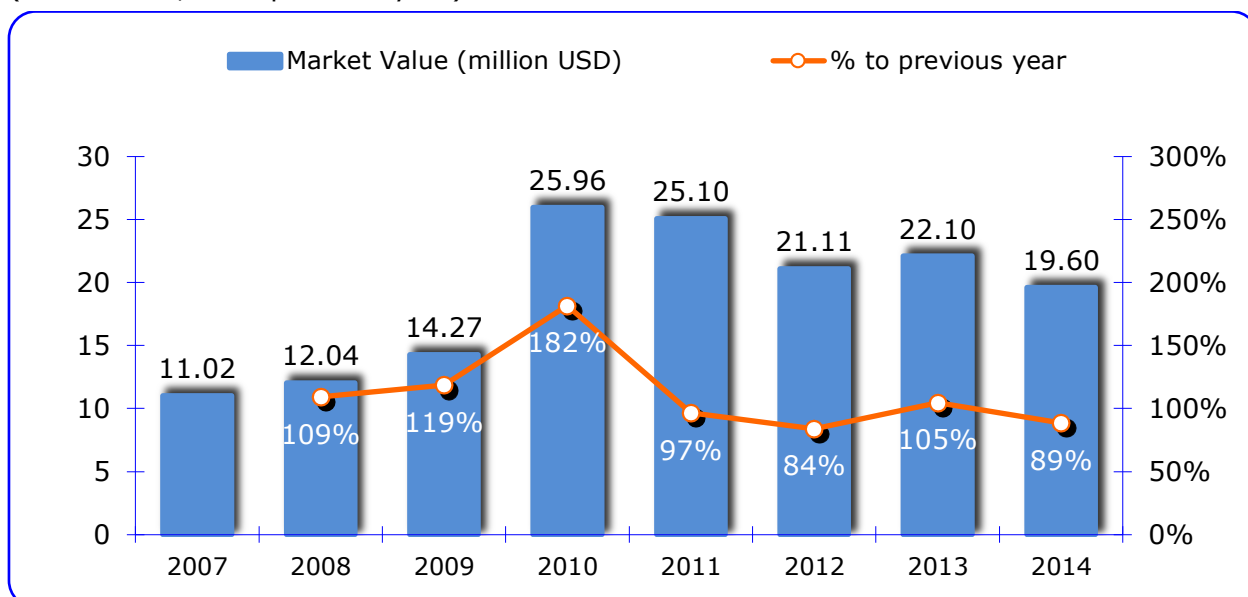
Australia's garlic market had total revenues of 20 million USD in 2014, representing a compound annual growth rate (CAGR) of 8.6% from 2007 to 2014. In physical terms, the market also showed positive dynamics, reaching 12.5 thousand tonnes, developing with a CAGR of 4.1% over the period under review.

Figure 4: Market Volume, 2007-2014  
(thousand tonnes, % to previous year)



Source: UN DATA

Figure 5: Market Value – At Import/Export Prices, 2007-2014  
(million USD, % to previous year)



Source: UN DATA

The Australian garlic market is highly import dependent, thus imported garlic accounts for a lion's share of consumption. The majority of global exporters of garlic supply it to Australia.

The value of total Australia's imports for garlic in 2014 stood at 19.79 million USD. There was an annual increase of 8.5% for the period from 2007 to 2014. In physical terms, the total volume of garlic was 12.58 thousand tonnes in 2014, 0.69 thousand tonnes (6%) more than the year before.

In 2014, China (9.03 thousand tonnes), distantly, Spain (1.42 thousand tonnes) and Mexico (1.42 thousand tonnes) were the main suppliers of garlic, together making up 94% of the Australia's imports.

The Australian garlic industry is quite limited due to a small grower base and pressure from China's cheaper imports. However, China is notoriously known for using chemicals banned in Australia, thus its garlic tends to lack in flavor, and its spotlessly white colour owes to bleaching as part of the import process.

Table 3: Imports Of Garlic To Australia, In Physical And Value Terms, By Country, 2007-2014

(thousand tonnes, million USD)

Country	2007	2008	2009	2010	2011	2012	2013	2014	CAGR. 2007-2014
thousand tonnes									
China	7.62	9.22	8.99	8.04	8.16	9.14	8.31	9.03	2.5%
Spain	0.18	0.22	0.66	0.33	0.56	0.68	1.49	1.42	34.3%
Mexico	0.63	0.77	0.92	1.13	1.18	1.11	1.31	1.42	12.2%
Argentina	0.58	0.70	0.26	0.43	0.54	0.84	0.70	0.51	-1.9%
Chile					0.23	0.02	0.02	0.07	-
USA	0.53	0.65	0.25	0.30	0.39	0.23	0.00	0.03	-33.9%
Egypt						0.04	0.03	0.02	-
Greece								0.02	-
Others	0.01	0.03	0.03	0.02	0.04	0.10	0.03	0.06	32.4%

Country	2007	2008	2009	2010	2011	2012	2013	2014	CAGR. 2007-2014
Total	9.56	11.59	11.11	10.26	11.09	12.16	11.89	12.58	4.0%
million USD									
China	5.61	6.11	8.14	17.25	14.78	13.15	11.66	10.44	9.3%
Spain	0.94	1.02	1.97	1.28	2.08	1.92	4.46	3.93	22.8%
Mexico	1.76	1.92	2.73	4.59	4.20	3.58	4.46	4.21	13.2%
Argentina	1.36	1.48	0.73	1.58	2.04	1.63	1.68	0.82	-7.0%
Chile					0.90	0.03	0.05	0.11	-
USA	1.46	1.59	0.76	1.52	1.29	0.86	0.01	0.09	-32.4%
Egypt						0.08	0.08	0.06	-
Greece								0.03	-
Others	0.09	0.09	0.09	0.07	0.04	0.07	0.04	0.10	1.9%
Total	11.21	12.21	14.43	26.29	25.31	21.33	22.44	19.79	8.5%

Source: UN DATA

The table below contains prices of the global producers supplying garlic to Australia. China's garlic shipment to Australia exceeds farmers' average price by threefold. At the same time, the cost of Chilean garlic is 42% less than the average price of the farmers in this country.

Table 4: Producer And Suppliers Prices For Garlic, By Country, 2007-2014  
(USD per tonne)

Country	Producer Price			Export Price		
	2012	2013	2014	2012	2013	2014
China	460	433	356	1,439	1,403	1,156
Spain	1,720	1,559	1,439	2,838	2,995	2,763
Mexico	985	1,020	889	3,228	3,401	2,965
Argentina	918	887	596	1,942	2,398	1,611
Chile	3,255	3,997	2,647	1,278	2,323	1,539
USA	1,160	1,323	1,477	3,779	2,844	3,174
Egypt	242	315	363	2,020	2,629	3,028
Greece	2,870	2,960	2,468	-	-	1,914
Average	666	658	549	1,754	1,887	1,573

Source: UN DATA

Although over the last decade, imports from China pushed Australia's garlic production on a downward path, the recent booming interest of consumers towards fresh local produce and health benefits of organically grown garlic has encouraged local farmers to introduce a number of improved varieties, and has given hope for enhancing local garlic market prospects in the near future.

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Source: <http://www.indexbox.co.uk/store/world-garlic-market-report-analysis-and-forecast-to-2020/>