# **Trade Statistics for Queensland Ports** For the five years ending 30 June 2014



# **About this report**

This document records trade statistics for Queensland's ports for the five-year period ending 30 June 2014.

It is divided into two sections: Trade Statistics by Port; and, Trade Statistics by Commodity. Trade Statistics by Port contains details of imports and exports for the individual ports. Summary vessel statistics are also provided by length and by gross tonnage. Trade Statistics by Commodity contains details of imports and exports of the main groups of commodities traded through Queensland's ports.

The Queensland Ports Trade Statistics Report 2014 has been produced by the Department of Transport and Main Roads. It is provided on the understanding that all information and statistics contained in this document are based on information sourced from port corporations' and trade organisations' annual reports and other industry-related material.

The Department of Transport and Main Roads has not verified and does not accept responsibility for the accuracy of this data nor for use of this data by any person. Any persons wishing to use this data (for any purpose whatsoever) must make their own enquiries and satisfy themselves as to its validity.

This report can also be downloaded from Transport and Main Roads website at: www.tmr.qld.gov.au.

Should any further information be required about the statistics contained in this document, please contact:

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# Qualification

This report primarily covers commodity movements from ports under the management and control of port corporations established within the legislative framework of the *Transport Infrastructure Act 1994*. It does not address passenger movements associated with local and regional passenger transport services or with day and overnight trips by tourism operators.

In addition, the report primarily focuses on trade and commodity movements in the primary production, manufacturing and industrial sector. It does not cover the substantial marine trade movements which have a local and regional community focus. While the integrity of time series has been maintained, comparisons with figures in earlier editions should be undertaken with care.

Unless otherwise stated "exports" refers to trade shipped out of a port and "imports" refers to trade shipped into a port. It does not refer to the origin or the final destination of the trade.

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Cover photo depicts Liquefied Natural Gas export facilities on Curtis Island, courtesy of Gladstone Ports Corporation.

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## **Executive Summary**

Queensland's coast is serviced by 15 trading ports, two community ports and three smaller gazetted ports located between Brisbane in the south-east of the state, and Burketown in the north-west of the state. Queensland's port system principally operates under the provisions of the *Transport Infrastructure Act 1994* and the *Government Owned Corporations Act 1993*. Under these acts, Queensland's ports are managed and operated by four government owned port authorities, as well as a private port lessee. These port entities are responsible for the operation and management of Queensland's ports, as follows:

- *Port of Brisbane Pty Ltd* is responsible for the Port of Brisbane. This port is managed and developed by the Port of Brisbane Pty Ltd (PBPL), under a 99-year lease from the Queensland Government, which commenced in November 2010.
- Four Government Owned Corporations, consisting of:
  - Far North Queensland Ports Corporation Limited (trading as Ports North) is responsible for the ports of Cairns, Burketown, Cape Flattery, Cooktown, Karumba, Mourilyan, Port Kennedy (Thursday Island), Quintell Beach, and Skardon River;
  - *Port of Townsville Limited* is responsible for the ports of Townsville and Lucinda;
  - North Queensland Bulk Ports Corporation Limited (NQBP) is responsible for the ports of Abbot Point, Hay Point, Weipa, Mackay and Maryborough; and
  - *Gladstone Ports Corporation Limited* is responsible for the ports of Gladstone, Rockhampton and Bundaberg.

This legislative regime enables the Queensland Government to retain ownership of these four port authorities through the shareholding Ministers (currently the Treasurer and Minister for Main Roads, Road Safety and Ports) and to set overall strategic direction for the ports. Each port corporation has a Board of Directors and reports regularly to the shareholding Ministers.

Trade details of four ports are not included in this report as they are non-trading ports. These are:

- the Port of Maryborough, administered by NQBP; and
- the Ports of Burketown, Cooktown and Skardon River, administered by Ports North.

Each port entity provides a broad range of facilities that cater for the diverse land/sea interface requirements of their trade catchment areas, and provides infrastructure which enables the movement and importing and exporting of mineral and agricultural produce, as well as general and containerised trade.

The Queensland port system's total throughput in 2013–14 was 315.1 million tonnes. This represents an increase of 9.9% over the previous year. Imports were down by 1.4% (less 671,152 tonnes) to 47.5 million tonnes. Exports were up by 12.1% (28.9 million tonnes) to 267.6 million tonnes.

Coal exports continue to be Queensland's largest traded commodity by tonnage accounting for 66.3% of the state's total trade, with approximately 208.9 million tonnes exported during 2013–14. The second highest traded commodity was bauxite exports, with total throughput reaching 47.0 million tonnes.

## **Queensland Ports Map**



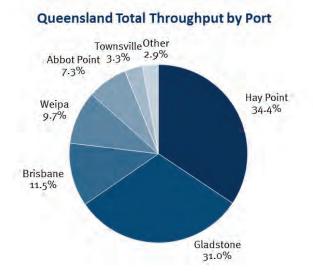
# **Trade Statistics by Port**

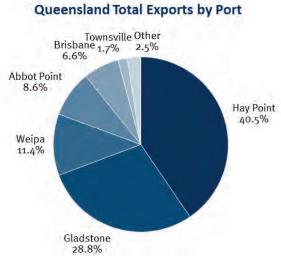
## **Queensland Throughput by Port**

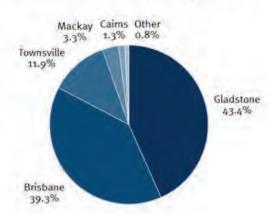
Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	ice
						Amount	%
Exported tonnes							
Abbot Point	16,933,596	15,063,943	13,602,137	17,744,621	22,895,551	5,150,930	29.0%
Brisbane	15,166,700	15,750,349	18,992,422	19,404,992	17,624,572	-1,780,420	-9.2%
Bundaberg	290,824	280,071	260,084	204,800	363,664	158,864	77.6%
Cairns	485,165	397,346	398,617	407,891	436,878	28,987	7.1%
Cape Flattery	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Gladstone	67,028,320	59,433,955	66,243,652	64,642,951	77,068,975	12,426,024	19.2%
Hay Point	99,465,091	87,805,164	82,883,893	96,540,226	108,307,702	11,767,476	12.2%
Karumba	650,336	963,021	977,938	893,949	943,198	49,249	5.5%
Lucinda	589,517	416,489	9,522	438,308	529,809	91,501	20.9%
Mackay	1,481,337	1,394,924	1,285,642	1,677,030	1,499,734	-177,296	-10.6%
Mourilyan	519,731	507,145	453,214	533,331	690,914	157,583	29.5%
Quintell Beach	78	0	0	0	0	0	0%
Rockhampton	160,835	141,520	126,592	83,802	99,421	15,619	18.6%
Thursday Island	3,510	11,798	31,636	12,701	13,252	551	4.3%
Townsville	4,411,181	4,725,068	6,335,710	5,434,413	4,601,526	-832,887	-15.3%
Weipa	20,584,892	22,242,359	24,989,956	28,924,608	30,404,300	1,479,692	5.1%
Total export tonnes	229,501,173	211,159,272	218,368,015	238,621,683	267,574,196	28,952,513	12.1%
Imported tennes							
Imported tonnes Brisbane	16,950,812	17,495,616	17,842,416	18,158,430	18,685,967	527,537	2.9%
Bundaberg	8,586	33,024	0	0	27,217	27,217	100%
Cairns	621,249	627,941	631,035	647,717	605,970	-41,747	-6.4%
Gladstone	16,337,351	16,970,730	17,545,941	20,650,809	20,596,538	-54,271	-0.3%
Karumba	1,228	1,474	1,611	1,088	922	-166	-15.3%
Lucinda	2,338	4,070	3,337	6,105	3,376	-2,729	-44.7%
Mackay	1,066,507	1,157,063	1,427,376	1,592,937	1,573,783	-19,154	-1.2%
Quintell Beach	1,602	1,443	2,286	1,453	1,444	-9	-0.6%
Rockhampton	124,580	181,980	294,654	265,908	184,034	-81,874	-30.8%
Thursday Island	69,235	63,273	70,813	64,787	63,710	-1,077	-1.7%
Townsville	5,841,633	5,876,066	6,549,205	6,671,391	5,656,801	-1,014,590	, -15.2%
Weipa	90,898	80,287	102,077	116,964	106,675	-10,289	-8.8%
Total import tonnes	41,116,019	42,492,967	44,470,751	48,177,589	47,506,437	-671,152	-1.4%
Total throughput by po	rt						
Abbot Point	16,933,596	15,063,943	13,602,137	17,744,621	22,895,551	5,150,930	29.0%
Brisbane	32,117,512	33,245,965	36,834,838	37,563,422	36,310,539	-1,252,883	-3.3%
Bundaberg	299,410	313,095	260,084	204,800	390,881	186,081	90.9%
Cairns	1,106,414	1,025,287	1,029,652	1,055,608	1,042,848	-12,760	-1.2%
Cape Flattery	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Gladstone	83,365,671	76,404,685	83,789,593	85,293,760	97,665,513	12,371,753	14.5%
Hay Point	99,465,091	87,805,164	82,883,893	96,540,226	108,307,702	11,767,476	12.2%
Karumba	651,564	964,495	979,549	895,037	944,120	49,083	5.5%
Lucinda	591,855	420,559	12,859	444,413	533,185	88,772	20.0%
Mackay	2,547,844	2,551,987	2,713,018	3,269,967	3,073,517	-196,450	-6.0%
Mourilyan	519,731	507,145	453,214	533,331	690,914	157,583	29.5%
Quintell Beach	1,680	1,443	2,286	1,453	1,444	-9	-0.6%
Rockhampton	285,415	323,500	421,246	349,710	283,455	-66,255	-18.9%
Thursday Island	72,745	75,071	102,449	77,488	76,962	-526	-0.7%
Townsville	10,252,814	10,601,134	12,884,915	12,105,804	10,258,327	-1,847,477	-15.3%
Weipa	20,675,790	22,322,646	25,092,033	29,041,572	30,510,975	1,469,403	5.1%
Grand Total	270,617,192	253,652,239	262,838,766	286,799,272	315,080,633	28,281,361	9.9%











Queensland Total Imports by Port

## **Port of Brisbane Pty Ltd**

The Port of Brisbane is an expanding, multicommodity port, and Queensland's largest general cargo port.

The port is located at the mouth of the Brisbane River, and is managed and developed by the Port of Brisbane Pty Ltd (*PBPL*) and is owned by *Q Port Holdings*. This private corporation was awarded a 99-year lease to operate the port. On 1 July 2010 the Queensland Government transferred all equipment and machinery, including the dredging fleet, all employees of the Port of Brisbane Corporation, and the operating rights associated with the Port of Brisbane to Port of Brisbane Pty Ltd. On 30 November 2010 Q Port Holdings became the new operators of the *PBPL*.

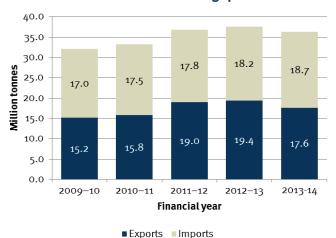
Most of the port's major facilities are located at the dedicated port area on Fisherman Island at the mouth of the Brisbane River. The port has 29 cargooperating berths of which nine berths are dedicated container berths. Thirteen of the berths are located upriver and are capable of handling wet and dry bulk commodities, and general cargo.

Brisbane's trade consists of a range of containerised, bulk and break-bulk cargoes. The major commodities traded through the port include: general cargo, including containers; petroleum products (crude and refined); coal exports; and cement. For the 2013-14 financial year, the total tonnage handled through the Port of Brisbane was 36.3 million tonnes, a decrease of 3.3% compared to 2012-13 throughput.

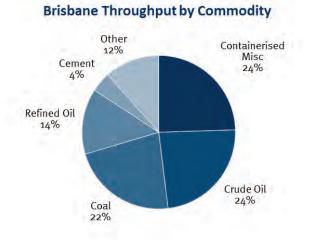
Imports totalled 18.7 million tonnes, an increase of 2.9% on the tonnage for 2012-13. This was largely driven by the increase in cement (up 20.3%) and refined oil (up 11.8%), and partly offset by decreases in machinery imports (down 46.6%). Machinery imports consisted mainly of project cargo for LNG and other major infrastructure developments in the state, a number of which were put on hold awaiting improvement in economic conditions and commodity prices.

Total exports for 2013-14 decreased 9.2% to 17.6 million tonnes, compared to the export tonnage for 2012-13. The decrease was mainly driven by a downturn in agricultural seed exports (down 81.3%). This is mainly due to smaller crop yields and increased demand from domestic end users.

Container trade in 2013–14 increased by 2.6% or 27,486 twenty-foot equivalent units (TEUs) to 1,097,369 TEUs. This is the third consecutive year the port has handled more than one million TEUs in a financial year.



#### Brisbane Total Throughput



## Port of Brisbane Trade Statistics

Financial Year	2009–10	2010–11	2011-12	2012–13	2013-14	Vari	iance
						Amount	%
Export tonnes							
Agricultural Seeds	761,930	964,355	1,668,206	1,743,151	325,570	-1,417,581	-81.3%
Beverages	0	0	0	31	0	-31	-100.0%
Building Products	71	1,562	625	29	32	3	8.9%
Cement	0	278	22,000	200	154	-46	-23.0%
Chemicals - Industrial	38,416	23,106	13,007	5	10,805	10,800	208490.7%
Coal	6,302,864	6,614,664	8,570,004	8,582,992	8,105,406	-477,586	-5.6%
Containerised Misc	3,830,417	4,097,753	4,628,004	4,842,465	4,662,650	-179,815	-3.7%
Containerised	406,344	397,271	357,576	264,673	135,500	-129,173	-48.8%
Transhipment							
Crude Oil	7,209	16,081	7,321	40,186	28,089	-12,097	-30.1%
Electrical Equipment	730	1,110	1,358	1,975	679	-1,296	-65.6%
Freight All Kinds (containerised)	189	93	169	320	1,772	1,452	453.9%
Fats & Oils	702	375	0	0	0	0	0.0%
Fertiliser	248,282	131,851	130,535	118,323	98,895	-19,428	-16.4%
Food - Other	20	0	0	8	258	250	3186.6%
Gas	12,673	8,930	12,675	24,835	41,438	16,603	66.9%
Household Items	0	45	0	6	193	187	3303.9%
Iron & Steel	310,563	329,291	488,962	424,118	469,705	45,587	10.7%
Machinery	28,068	26,485	27,704	26,963	34,753	7,790	28.9%
Manufactured - Other	38	707	7,648	75	2,044	1,969	2625.3%
Meat - Other	3,585	2,505	3,936	2,661	3,017	356	13.4%
Meat Products	0	0	0	1	0	-1	-100.0%
Metal Manufactures	29	16,492	128	14,505	22,373	7,868	54.2%
Mineral Ores & Sands	306,970	268,112	211,609	158,641	190,252	31,611	19.9%
Mining & Energy - Other	20	1,207	997	28,737	5,070	-23,667	-82.4%
Motor Vehicles	3,667	5,053	5,877	10,117	8,091	-2,026	-20.0%
Oil Seeds	43,067	0	0	0	20,040	20,040	100.0%
Paper & Wood Pulp	0	0	0	2	0	-2	-100.0%
Refined Oil	2,344,307	2,429,580	2,463,542	2,779,629	3,043,362	263,733	9.5%
Retail - Other	13	0	3	5	816	811	17410.7%
Rubber Manufactures	259	142	31	17	66	50	300.0%
Silica Sand	129,169	98,728	125,628	78,942	124,830	45,888	58.1%
Tallow	165,957	176,777	172,098	191,365	182,274	-9,091	-4.8%
Timber	779	632	75	559	1,883	1,324	237.0%
Transport Equipment	3,579	4,939	3,137	3,422	4,518	1,096	32.0%
Woodchip	216,783	132,225	69,567	66,034	100,036	34,002	51.5%
Total exports	15,166,697	15,750,349	18,992,421	19,404,992	17,624,571	-1,780,421	-9.2%

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variar	nce
						Amount	%
Import tonnes							
Agricultural Seeds	30,002	0	0	20,195	79,361	59,166	293.0%
Building Products	10,193	2,397	2,446	2,012	741	-1,271	-63.2%
Cement	1,510,206	1,576,308	1,215,696	1,267,288	1,524,798	257,510	20.3%
Chemicals - Industrial	59,566	52,567	49,686	82,326	63,794	-18,532	-22.5%
Chemicals - Rural	193,160	179,637	193,904	171,291	172,365	1,074	0.6%
Clothing & Footwear	0	0	2	0	0	0	0.0%
Containerised Misc	3,600,403	3,823,089	3,979,737	4,143,381	4,240,646	97,265	2.3%
Containerised Transhipment	439,207	372,227	353,324	253,080	135,787	-117,293	-46.3%
Crude Oil	7,271,591	7,717,419	7,864,876	8,350,646	8,521,016	170,370	2.0%
Electrical Equipment	1,096	1,900	6,516	9,535	4,904	-4,631	-48.6%
Freight All Kinds (containerised)	154	1,037	1,776	833	1,611	778	93.4%
Fats & Oils	53,174	49,222	39,256	35,727	51,935	16,208	45.4%
Fertiliser	107,156	221,243	300,044	218,734	244,904	26,170	12.0%
Food - Other	84	6	414	0	0	0	0.0%
Fruit & Vegetables	0	0	0	0	39	39	100.0%
Gas	74,815	82,456	66,459	59,727	34,068	-25,659	-43.0%
Gypsum/Limestone	381,964	389,981	429,220	338,790	373,720	34,930	10.3%
Household Items	87	17	5	220	52	-168	-76.4%
Iron & Steel	378,036	417,337	373,389	376,382	314,431	-61,951	-16.5%
Machinery	104,316	149,979	269,687	238,500	127,385	-111,115	-46.6%
Manufactured - Other	4,088	1,328	556	1,905	2,696	791	41.5%
Meat - Other	1	17,082	26,334	58,742	0	-58,742	-100.0%
Metal Manufactures	16,821	18,517	13,648	2,053	3,382	1,329	64.7%
Mineral Ores & Sands	3	0	0	0	0	0	0.0%
Mining & Energy - Other	20,045	40,663	22,409	34,305	19,798	-14,507	-42.3%
Motor Vehicles	337,839	318,309	356,262	398,810	368,966	-29,844	-7.5%
Oil Seeds	102,759	98,993	116,331	99,106	125,914	26,808	27.1%
Paper & Wood Pulp	3,138	2,111	2,299	0	4,287	4,287	100.0%
Refined Oil	2,012,891	1,701,451	1,900,137	1,768,299	1,976,120	207,821	11.8%
Retail - Other	7	142	108	28	31	3	11.5%
Rubber Manufactures	173	332	845	244	264	20	8.1%
Slag	156,409	171,910	164,661	172,164	243,654	71,490	41.5%
Sugar	25,000	25,000	26,067	0	0	0	0.0%
Tallow	5,039	6,218	7,810	3,092	7,232	4,140	133.9%
Timber	32,272	39,406	25,182	22,717	22,455	-262	-1.2%
Transport Equipment	19,117	17,332	33,330	28,298	19,611	-8,687	-30.7%
Total imports	16,950,809	17,495,617	17,842,417	18,158,429	18,685,967	527,538	2.9%
Total throughput	32,117,506	33,245,966	36,834,838	37,563,422	36,310,538	-1,252,884	-3.3%

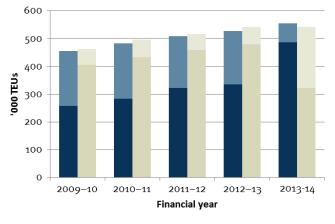
### Port of Brisbane Container Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varia	ince
						Amount	%
Export							
Full	258,373	283,339	323,423	335,355	487,508	152,153	45.4%
Empty	197,740	199,452	185,881	191,603	67,437	-124,166	-64.8%
Total exports	456,113	482,791	509,304	526,958	554,945	27,987	5.3%
luum ant							
Import Full	405,215	433,774	458,896	479,832	323,462	-156,370	-32.6%
Empty		62,249	56,870	63,093	218,962	155,869	247.0%
Total imports	57,914						-0.1%
τοται παροτις	463,129	496,023	515,766	542,925	542,424	-501	-0.1%
							10/
Total TEUs	919,242	978,814	1,025,070	1,069,883	1,097,369	27,486	2.6%

### Port of Brisbane Vessel Statistics

Financial Year	2012-13	2013-14
By Gross Registered		
Tonnage		
Less than 35,000	1342	1242
35,001 to 50,000	632	574
50,001 to 60,000	370	430
60,001 to 75,000	241	348
75,001 to 90,000	71	66
90,001 to 100,000	7	8
100,001 to 130,000	3	2
130,001 to 140,000	1	1
140,001 to 200,000	2	2
By Length (metres)		
Up to 185m	1199	1131
185.01 to 190m	90	86
190.01 to 230m	478	459
Over 230m	902	997
Total Vessels	2669	2673

**Brisbane Container Throughput** 



Full (export) Empty (export) Full (import) Empty (import)

## **Gladstone Ports Corporation Limited**

Gladstone Ports Corporation Limited (GPC) is responsible for the management of the Port of Gladstone, Port Alma (Rockhampton) and the Port of Bundaberg. Total throughput tonnage through all GPC ports was 98.34 million tonnes in 2013-14, with the Port of Gladstone continuing to account for the majority of trade.

#### **Gladstone Ports Corporation Limited Trade Statistics**

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variano	:e
						Amount	%
Export tonnes							
Bundaberg	290,824	280,071	260,084	204,800	363,664	158,864	77.6%
Gladstone	67,028,320	59,433,955	66,243,652	64,642,951	77,068,975	12,426,024	19.2%
Rockhampton	160,835	141,520	126,592	83,802	99,421	15,619	18.6%
Total exports	67,479,979	59,855,546	66,630,328	64,931,553	77,532,060	12,426,024	19.4%
Import tonnes							
Bundaberg	8,586	33,024	0	0	27,217	27,217	100.0%
Gladstone	16,337,351	16,970,730	17,545,941	20,650,809	20,596,538	-54,271	0.3%
Rockhampton	124,580	181,980	294,654	265,908	184,034	-81,874	-30.8%
Total imports	16,470,517	17,185,734	17,840,595	20,916,717	20,807,789	-108,928	-0.5%
Total throughput	83,950,496	77,041,280	84,470,923	85,848,270	98,339,849	172,196	14.6%

## **Port of Bundaberg**

The Port of Bundaberg is situated 19.3km downstream from the city of Bundaberg. The port is located 4.8km from the mouth of the Burnett River and has an entrance channel measuring 11km.

There are two main wharves at the Port of Bundaberg. The Sir Thomas Hiley Wharf is used for the shipment of bulk sugar. It abuts an approach wharf used for general cargo, and which enables heavy vehicles (semi-trailers and B-double types) and forklifts to access the Sir Thomas Hiley Wharf. The John T Fisher Wharf is used for the bulk loading of molasses.

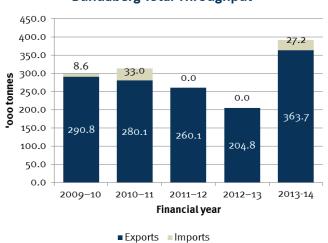
Total trade through Bundaberg increased by 90.9% or 186 081 tonnes during 2013-14.

#### Port of Bundaberg Vessel Statistics

Financial Year	2012–13	2013-14
By Gross Registered Tonnage		
Less than 10,000	3	60
10,001 to 20,000	4	18
20,001 to 30,000	3	6
Over 30,000	0	0
By Length (metres)		
Less than 185m	10	83
185m to 230m	0	1
Over 230m	0	0
Total Vessels	10	84

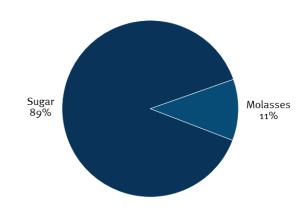
### Port of Bundaberg Trade Statistics

Financial Year	2009–10	2010–11	2011-12	2012–13	2013-14	Variar	ice
						Amount	%
Export tonnes							
Molasses	8,500	0	7,226	0	16,660	16,660	100.0%
Sugar	282,324	280,071	252,858	204,800	347,004	142,204	69.4%
Total exports	290,824	280,071	260,084	204,800	363,664	158,864	77.6%
Import tonnes							
Molasses	8,586	33,024	0	0	27,217	27,217	100.0%
Total imports	8,586	33,024	0	0	27,217	27,217	100.0%
Total throughput	299,410	313,095	260,084	204,800	390,881	186,081	90.9%



**Bundaberg Total Throughput** 

**Bundaberg Throughput by Commodity** 



## **Port of Gladstone**

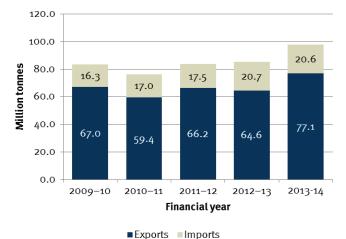
The Port of Gladstone is Queensland's largest multicommodity port, housing the world's fourth largest coal export terminal (by throughput). It is located 525 kilometres north of Brisbane.

Over 30 products are handled through the port, which are then exported to more than 30 countries. Coal continues to be the port's largest traded commodity, representing 71.3% of the total cargo exported in 2013-14.

The majority of coal handled at the port (approximately 75%) is coking coal exported for steel manufacturing. Approximately 25% of coal exported through the port is thermal, and used to fuel the boilers of power stations in countries including Japan, Hong Kong, Taiwan, South Korea and Israel.

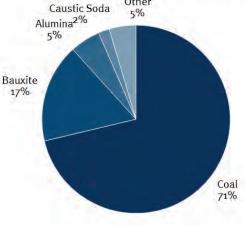
There are two coal export terminals in the port, the RG Tanna Coal Terminal and the Barney Point Terminal. Combined, these two terminals have the capacity to handle over 75 million tonnes per annum. Whilst the Port of Gladstone is internationally recognised as a major bulk port, it also caters to all forms of containerised and general cargoes. General cargoes include goods such as bagged products, aluminium, and project cargo for new/expanding industry and heavy lifts.

In 2013-14, the total trade through Gladstone was 97.67 million tonnes, an increase of 14.5% or 12.37 million tonnes over 2012-13 figures. Coal exports recorded an increase of 12.3 million tonnes from the previous financial year. There was also an increase in the export of alumina (up 3.9% to 5.08 million tonnes) and an increase in the import of bauxite (up 1.8% to 16.61 million tonnes). Grain exports decreased (down 61.4% to 0.15 million tonnes) and the import of petroleum also decreased (down 8.3% to 1.19 million tonnes).



**Gladstone Total Throughput** 

Gladstone Throughput by Commodity



## Port of Gladstone Trade Statistics

Financial Year	2009–10	2010-11	2011–12	2012–13	2013–14	Variar	
						Amount	%
Export tonnes			24			2	
Alumina	4,214,205	3,794,339	3,909,386	4,891,708	5,082,561	190,853	3.9
Aluminium	322,675	334,661	373,726	334,883	385,448	50,565	15.1
Ammonium Nitrate	0	2,000	0	0	0	0	0.0
Bunker Coal	161,385	162,282	102,411	6,631	0	-6,631	-100.0
Bunker Fuel	0	0	0	0	26,345	26,345	100.0
Calcined Magnesia	0	0	0	0	27,300	27,300	100.0
Calcite	136,820	103,794	137,477	141,078	136,973	-4,105	-2.9
Caustic Soda	43,582	75,533	57,986	25,898	13,016	-12,882	-49.7
Cement/Clinker	1,278,273	1,197,842	1,185,476	1,101,711	1,238,573	136,862	12.4
Coal - Barney Point	4,787,636	3,956,642	4,115,675	2,934,912	4,642,069	1,707,157	58.2
Coal - RG Tanna	55,602,406	49,232,706	55,638,013	54,378,793	64,980,430	10,601,637	19.5
Containers	237	3,929	37,905	69,704	85,719	16,015	23.0
Cotton Seed	14,128	0	0	0	0	0	0.0
Deadburned Magnesia	0	0	0	0	26,432	26,432	100.0
Electrofused Magnesia	6,576	6,095	19,485	11,684	8,019	-3,665	-31.4
Fly Ash	98,021	129,945	153,309	139,045	125,755	-13,290	-9.6
General Cargo	5,053	10,688	27,369	42,044	20,800	-21,244	-50.5
Grain	240,762	260,218	338,245	386,879	149,387	-237,492	-61.2
Ilmenite	0	0	0	46,357	0	-46,357	-100.0
Limestone	22,321	29,301	39,119	28,527	45,694	17,167	60.2
Magnesia	57,000	84,670	70,240	58,412	0	-58,412	-100.0
Military Equip./Vehicles	5,011	0	0	0	0	0	0.0
Scrap Metal	32,229	49,310	37,830	44,685	74,454	29,769	66.6
Sunflower Seed	0	0	0	0	0	0	0.0
otal exports	67,028,320	59,433,955	66,243,652	64,642,951	77,068,975	12,426,024	19.2
mport tonnes							
Aluminium	0	0	0	0	0	0	0.0
Bauxite	13,195,900	13,549,380	13,671,250	16,321,662	16,610,286	288,624	1.8
Bunker Coal	0	64,885	0	0	0	0	0.0
Caustic Soda	1,440,717	1,500,702	1,687,585	1,889,707	1,854,233	-35,474	-1.9
Cement Clinker	0	0	0	0	10,002	10,002	100.0
Cement Gypsum	34,069	59,161	49,231	75,622	57,745	-17,877	-23.6
Containers	0	317	1,635	3,837	3,910	73	1.9
Fuel Oil Bunker	175,432	171,510	158,043	0	0	0	0.0
General Cargo	35,661	142,825	246,527	419,722	176,914	-242,808	-57.8
Liquefied Petroleum Gas	11,801	10,390	12,027	11,518	8,598	-2,920	-25.4
Liquid Ammonia	263,354	244,940	273,827	233,071	255,250	22,179	9.5
Liquid Pitch	45,572	47,786	50,603	43,088	49,831	6,743	15.6
Magnetite	84,270	74,638	82,151	98,312	127,590	29,278	29.8
Military Equip./Vehicles	3,396	0	02,1)1	90,512	0	0	0.0
Petroleum Coke	203,603	217,971	203,369	207,949	216,629	8,680	4.2
Petroleum Product	843,576	830,432	1,048,074	1,292,214	1,185,141	-107,073	-8.3
Sulphuric Acid	045,570	55,793	61,619	54,107	40,409	-13,698	-25.3
Total imports	16,337,351	16,970,730	17,545,941	20,650,809	20,596,538		-25-3 -0.3
	10,55/,551	10,9/0,/30	-/,040,941	20,050,009	20,590,530	-54,271	-0.5
otal throughput	83,365,671	76,404,685	83,789,593	85,293,760	97,665,513	12,371,753	14.5

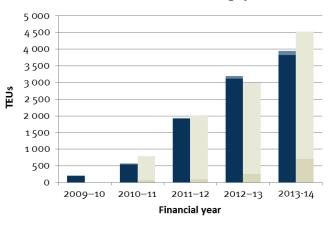
### Port of Gladstone Container Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variance	
						Amount	%
Export							
Full	198	542	1,908	3,122	3,819	697	22.3%
Empty	3	37	29	76	133	57	75.0%
Total exports	201	579	1,937	3,198	3,952	754	23.6%
Import							
Full	0	64	99	266	714	448	168.4%
Empty	0	725	1,918	2,730	3,813	1,083	39.7%
Total imports	0	789	2,017	2,996	4,527	1,531	51.1%
Total TEUs	201	1,368	3,954	6,194	8,479	2,285	36.9%

### Port of Gladstone Vessel Statistics

Financial Year	2012–13	2013-14
By Gross Registered Tonnage		
Less than 10,000	494	405
10,001 to 20,000	183	200
20,001 to 30,000	290	223
Over 30,000	902	1026
By Length (metres)		
Less than 185m	895	786
185m to 230m	546	560
Over 230m	428	508
Total Vessels	1,869	1,854

Gladstone Container Throughput



<sup>■</sup> Full (export) ■ Empty (export) ■ Full (import) ■ Empty (import)



Fisherman's Landing Wharves, Port of Gladstone

## **Port of Rockhampton**

The Port of Rockhampton (Port Alma) is located 62 kilometres east of Rockhampton on the southern tip of the Fitzroy River delta. The port is a natural deep water harbour. It has three berths, two for general cargo and one dolphin berth for handling bulk liquids. The berths are supported by infrastructure suitable for handling containers of dry and refrigerated cargo.

GPC has targeted the Port Alma Shipping Terminal for the import and export of niche market products including ammonium nitrate, explosives, general cargo, salt and tallow.

Ammonium nitrate accounted for 35% of the total port throughput in 2013-14. This comprised a 16.9% increase in exports to 59 761 tonnes and a 57.2% decrease in imports to 40 791 tonnes. There was a significant increase in container export trade, from 358 in 2012-13 to 12 665 in 2013-14. This contrasted to the 99.7% decrease in general cargo imports to 266 tonnes in 2013-14.

Rockhampton's total throughput was down on the 2012-13 year, reporting an 18.9% decrease to 283,455 tonnes.

#### Port of Rockhampton Vessel Statistics

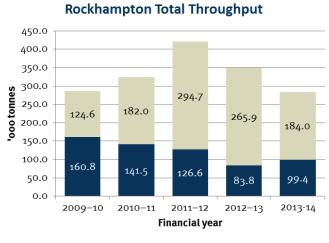
Financial Year	2012–13	2013-14
By Gross Registered Tonnage		
Less than 10,000	73	15
10,001 to 20,000	26	11
20,001 to 30,000	10	1
Over 30,000	0	0
By Length (metres)		
Less than 185m	108	27
185m to 230m	1	0
Over 230m	0	0
Total Vessels	109	27



Port of Rockhampton

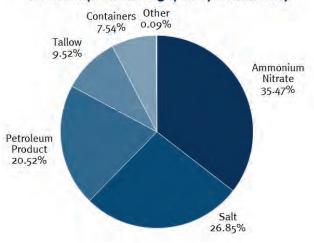
### Port of Rockhampton Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varia	nce
						Amount	%
Export tonnes							
Ammonium Nitrate	134,488	112,813	90,208	51,101	59,761	8,660	16.9%
Containers	0	1,008	8,280	358	12,665	12,307	3437.7%
Explosives	390	804	0	178	0	-178	-100.0%
General Cargo	123	217	12	1	0	-1	-100.0%
Tallow	25,834	26,678	28,092	32,164	26,995	-5,169	-16.1%
Total exports	160,835	141,520	126,592	83,802	99,421	15,619	18.6%
Import tonnes							
Ammonium Nitrate	86,673	59,602	167,361	95,325	40,791	-54,534	-57.2%
Containers	5	1,063	7,205	13,876	8,707	-5,169	-37.3%
Explosives	5,899	10,641	0	0	0	0	0.0%
General Cargo	3,170	1,889	45,261	90,813	266	-90,547	-99.7%
Petroleum Product	28,833	67,146	48,530	22,119	58,166	36,047	163.0%
Salt	0	41,639	26,297	43,775	76,104	32,329	73.9%
Total imports	124,580	181,980	294,654	265,908	184,034	-81,874	-30.8%
Total throughput	285,415	323,500	421,246	349,710	283,455	-66,255	-18.9%



Exports Imports

Rockhampton Throughput by Commodity



## North Queensland Bulk Ports Corporation Limited

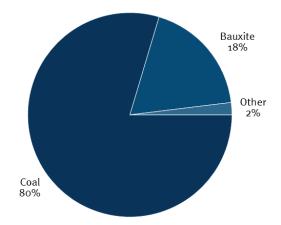
North Queensland Bulk Ports Corporation Limited (NQBP) is the port authority responsible for the ports of Abbot Point, Hay Point, Mackay and Weipa, as well as the non-trading Port of Maryborough.

The total 2013-14 combined throughput tonnage for all of NQBP's ports was 164.8 million tonnes, a 12.4% increase on throughput during 2012-13. The primary commodity was coal and comprised 80% of NQBP's total throughput in 2013-14. The majority of the coal exported was through the Port of Hay Point.

#### North Queensland Bulk Ports Corporation Limited Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variar	nce
						Amount	%
Export tonnes							
Abbot Point	16,933,596	15,063,943	13,602,137	17,744,621	22,895,551	5,150,930	29.0%
Hay Point	99,465,091	87,805,164	82,883,893	96,540,226	108,307,702	11,767,476	12.2%
Mackay	1,481,337	1,394,924	1,285,642	1,677,030	1,499,734	-177,296	- 10.6%
Weipa	20,584,892	22,242,359	24,989,956	28,924,608	30,404,300	1,479,692	5.1%
Total exports	138,464,916	126,506,390	122,761,628	144,886,485	163,107,287	18,220,802	12.6%
Import tonnes							
Mackay	1,066,507	1,157,063	1,427,376	1,592,937	1,573,783	-19,154	- 1.2%
Weipa	90,898	80,287	102,077	116,964	106,675	-10,289	- 8.8%
Total imports	1,157,405	1,237,350	1,529,453	1,709,901	1,680,458	-29,443	- 1.7%
Total throughput	139,622,321	127,743,741	124,291,081	146,596,386	164,787,745	18,191,359	12.4%

#### NQBP Throughput by Commodity



## Port of Abbot Point

The Port of Abbot Point located about 25 kilometres north of Bowen is Australia's most northern port used to export coal.

The existing Adani Abbot Point Terminal comprises a rail in-loading facility, coal handling and stockpile areas, stacker/reclaimers and conveyor systems. A single trestle jetty is connected to two berths and shiploaders located 2.75 kilometres offshore.

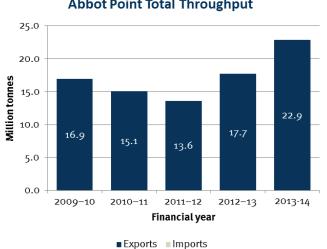
Port of Abbot Point Trade Statistics

The Port of Abbot Point exported 22.9 million tonnes of coal in 2013-14. This is a record result in the history of the port and a 29% increase on 2013-14 throughput. The increase was attributable to increased output from the mines to offset the down turn in coal market prices.

In 2013-14, 289 bulk carriers visited the port, compared to 201 in 2012-13.

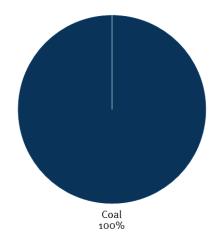
Expansion options for the Port of Abbot Point are being impacted by issues concerning proposed dredging works.

#### **Financial Year** 2010-11 2011-12 2012-13 2013-14 Variance 2009-10 Amount % Export tonnes Coal 16,933,596 15,063,943 13,602,137 17,744,621 22,895,551 5,150,930 29.0% Total exports 16,933,596 29.0% 15,063,943 13,602,137 17,744,621 22,895,551 5,150,930 **Total throughput** 29.0% 16,933,596 15,063,943 13,602,137 17,744,621 22,895,551 5,150,930



Abbot Point Total Throughput

#### Abbot Point Throughput by Commodity



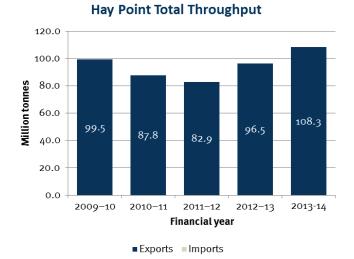
## **Port of Hay Point**

Situated approximately 30 kilometres south of Mackay, the Port of Hay Point is one of the largest export coal ports in the world. The port comprises two separate coal export terminals. Dalrymple Bay Coal Terminal (DBCT) is leased from the Queensland Government by the private company DBCT Management Pty Ltd. The Hay Point Services Coal Terminal (HPCT) is owned and operated by BHP Billiton Mitsubishi Alliance.

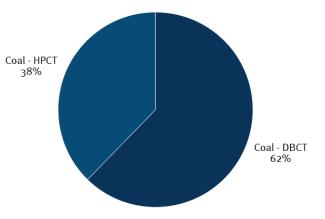
Each terminal provides export facilities for coal mines in central Queensland, with DBCT having four shipping berths and HPCT having two shipping berths. Approximately 67.5 million tonnes of coal was exported through DBCT, which was an increase of 8.5% on 2012-13 coal export. Total coal export for HPCT was 40.8 million tonnes, compared with a coal export of 34.3 million tonnes in 2012-13. These increases were largely attributable to strong growth in production at a number of mines, offsetting declining coal market prices.

In 2013-14, 1024 bulk carriers visited the port, which was 141 more vessel visits than for 2012-13.

Financial Year	2009–10	2010-11	2011–12	2012–13	2013-14	Variano	ce
						Amount	%
Export tonnes							
Ċoal – DBCT	63,130,205	54,664,876	50,843,846	62,203,846	67,464,903	5,261,057	8.5%
Coal - HPCT	36,334,886	33,140,288	32,040,047	34,336,380	40,842,799	6,506,419	18.9%
Total exports	99,465,091	87,805,164	82,883,893	96,540,226	108,307,702	11,767,476	12.2%
Total throughput	99,465,091	87,805,164	82,883,893	96,540,226	108,307,702	11,767,476	12.2%



Hay Point Throughput by Commodity



# Port of Hay Point Trade Statistics

## **Port of Mackay**

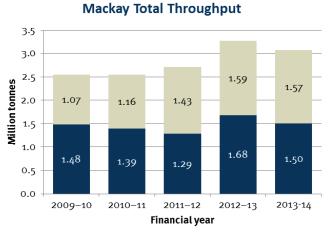
The Port of Mackay is a multi-cargo port located five kilometres north of the Mackay central business district, established at a man-made harbour formed by rock breakwaters. The port handled a broad variety of cargo with 223 vessels visiting the port in 2013-14, compared to 209 vessels visiting the port in 2012-13.

Total throughput for 2013-14 was 3.1 million tonnes (exports 1.5 million tonnes and imports 1.6 million tonnes), which was 6% less throughput than during 2012-13. This decrease was largely affected by poor coal prices in the world market, affecting development of coal projects and leading to a decrease in tonnages for general cargo, petroleum products. Grain and fertiliser also experienced a downturn for the financial year. The combined export sugar and grain tonnage for 2013-14 of 1.37 million tonnes, was down about 3% on the 2012-13 tonnage, due mainly to the continuing recovery of crop plantings and yields following previous extreme weather impacts. Sugar and grain tonnages comprised 91% of the total exports in 2013-14.

Approximately 1.4 million tonnes of petroleum products were imported through the port in 2013-14, representing 89% of total imports, compared to 91% of total imports in 2012-13. This represented a 3.1% decrease in petroleum tonnage imported than in 2012-13.

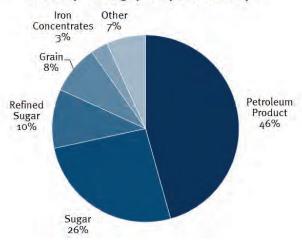
### Port of Mackay Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	
						Amount	%
Export tonnes	0.00	0		<i>(</i> <b>)</b>			(0.0)
General Cargo	38,887	32,854	73,051	167,987	53,652	-114,335	-68.1%
Grain	278,406	350,056	386,324	332,850	258,553	-74,297	-22.3%
Industrial Alcohol	7,007	3,196	2,102	22,518	21,165	-1,353	-6.0%
Logs	0	40,114	46,803	0	0	0	0.0%
Machinery	2,766	0	6,637	10,423	15,442	5,019	48.2%
Molasses	28,969	42,505	40,001	27,737	7,505	-20,232	-72.9%
Refined Sugar	337,107	312,271	298,941	318,493	313,435	-5,058	-1.6%
Scrap Metal	20,177	32,729	43,093	37,372	26,289	-11,083	-29.7%
Sugar	765,215	575,522	382,966	754,647	797,519	42,872	5.7%
Tallow	2,803	5,677	5,724	5,003	6,174	1,171	23.4%
Total exports	1,481,337	1,394,924	1,285,642	1,677,030	1,499,734	-177,296	-10.6%
Import tonnes							
Bulk Fertilisers	52,382	44,218	59,972	60,284	38,638	-21,646	-35.9%
Cement	10,511	23,032	31,215	28,848	36,002	7,154	24.8%
Iron Concentrates	67,999	35,040	76,935	52,439	91,890	39,451	75.2%
Machinery	12,210	2,363	0	0	0	0	0.0%
Petroleum Product	923,405	1,044,895	1,256,756	1,448,406	1,403,749	-44,657	-3.1%
Sulphuric Acid	0	7,515	2,498	2,960	3,504	544	18.4%
Total imports	1,066,507	1,157,063	1,427,376	1,592,937	1,573,783	-19,154	-1.2%
Total throughput	2,547,844	2,551,987	2,713,018	3,269,967	3,073,517	-196,450	-6.0%



Exports Imports

#### Mackay Throughput by Commodity



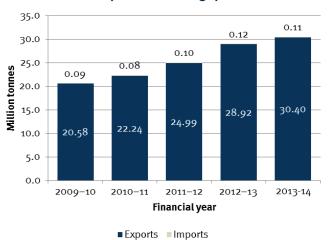
## **Port of Weipa**

The Port of Weipa is located on the west coast of Cape York Peninsula and is the most northern bulk export port in Queensland. The primary function of the port is to export bauxite from the Rio Tinto Alcan mines near Weipa. Approximately 30.4 million tonnes of bauxite was exported from the port in 2013-14, which was 5.1% more than during 2012-13. This represented 99.6% of the total 2013-14 tonnage throughput.

Six hundred vessels were handled at the port in 2013-14; 66 more than the previous financial year.

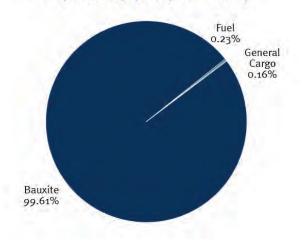
### Port of Weipa Trade Statistics

Financial Year	2009–10	2010-11	2011-12	2012–13	2013-14	Varian	ce
						Amount	%
Export tonnes							
Bauxite	20,578,750	22,235,783	24,980,619	28,916,842	30,391,999	1,475,157	5.1%
General Cargo	5,547	6,576	9,337	7,766	12,301	4,535	58.4%
Livestock	595	0	0	0	0	0	0.0%
Total exports	20,584,892	22,242,359	24,989,956	28,924,608	30,404,300	1,479,692	5.1%
Import tonnes							
Fuel	70,057	47,225	63,614	79,890	70,115	-9,775	-12.2%
General Cargo	20,841	33,062	38,463	37,074	36,560	-514	-1.4%
Total imports	90,898	80,287	102,077	116,964	106,675	-10,289	-8.8%
Total throughput	20,675,790	22,322,647	25,092,033	29,041,572	30,510,975	1,469,403	5.1%



#### Weipa Total Throughput

Weipa Throughput by Commodity



## **Port of Townsville Limited**

Port of Townsville Limited (POTL) is headquartered in Townsville, and responsible for the management of the key trading port of Townsville and the dedicated raw sugar export port of Lucinda. Total throughput tonnage through POTL ports in 2013–14 was 10.79 million tonnes. The port of Townsville contributed the bulk of throughput, accounting for 95.1% of total POTL trade.

#### Port of Townsville Limited Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variano	e
						Amount	%
Export tonnes							
Lucinda	589,517	416,489	9,522	438,308	529,809	91,501	20.9%
Townsville	4,411,181	4,725,069	6,335,708	5,434,413	4,601,526	-832,887	-15.3%
Total exports	5,000,698	5,141,558	6,345,230	5,872,721	5,131,335	-741,386	-12.6%
Import tonnes							
Lucinda	2,338	4,070	3,337	6,105	3,376	-2,729	-44.7%
Townsville	5,841,634	5,876,067	6,549,205	6,671,391	5,656,801	-1,014,590	-15.2%
Total imports	5,843,972	5,880,137	6,552,542	6,677,496	5,660,177	-1,017,319	-15.2%
Total throughput	10,844,670	11,021,696	12,897,772	12,550,217	10,791,512	-1,758,705	-14.0%



Port of Townsville

## **Port of Lucinda**

Situated about 100km north of Townsville, the Port of Lucinda is dedicated to the export of raw sugar from the Ingham sugar-growing district.

The port terminal is operated by Lucinda Bulk Sugar Terminal, a subsidiary of Queensland Sugar Limited. The terminal is supplied by the Victoria and Macknade sugar mills.

The Port of Lucinda increased throughput again in 2013-14 following the devastating effects of Cyclone Yasi in 2011 when both sugar growing areas and the port itself were damaged. Luckily, the port was not materially affected by Cyclone Ita in April 2014.

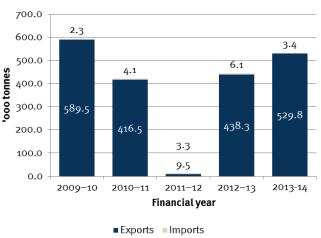
Sugar exports exceeded numbers recorded for each of the past three years with total exports of 521,249 tonnes in 2013–14.

#### Port of Lucinda Vessel Statistics

Financial year	2012-13	2013-14
By Gross Registered Tonnage		
10,000 to 20,000		4
20,000 to 30,000	6	6
Over 30,000	4	3
By Length (metres)		
Less than 185m	2	6
185m to 230m	8	7
Total Vessels	10	13

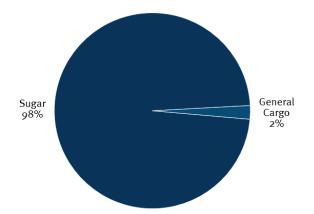
### Port of Lucinda Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	ce
						Amount	%
Export tonnes							
General Cargo	6,166	11,795	9,522	14,205	8,560	-5,645	-39.7%
Sugar	583,351	404,694	0	424,103	521,249	97,146	22.9%
Total exports	589,517	416,489	9,522	438,308	529,809	91,501	20.9%
Import tonnes							
General Cargo	2,338	4,070	3,337	6,105	3,376	-2,729	-44.7%
Total imports	2,338	4,070	3,337	6,105	3,376	-2,729	-44.7%
Total throughput	591,855	420,559	12,859	444,413	533,185	88,772	20.0%



#### Lucinda Total Throughput

#### Lucinda Throughput by Commodity



## Port of Townsville

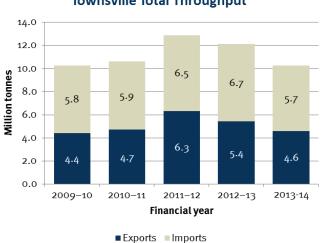
The Port of Townsville is an artificial harbour located at the mouth of Ross Creek near the Townsville City centre. The port services the north-east and northwest minerals provinces of north Queensland.

Trade throughput at the Port of Townsville in the 2013–14 financial year was 10.26 million tonnes. This tonnage comprised 5.66 million tonnes of imports and 4.60 million tonnes of exports, representing a 15% decrease in total throughput on the 2012–13 financial year.

In January 2014, Indonesia imposed a ban on raw ore exports. As nickel ore constituted over half of the Port of Townsville's import trade, this resulted in a reduction of over 798,000 tonnes of nickel ore imported through the Port of Townsville in 2013-14.

Additionally, export trade was impacted by Glencore's decision to cease magnetite export through the Port of Townsville in 2013-14. This resulted in a reduction of over 386,000 tonnes of magnetite exports at the Port of Townsville in 2013-14.

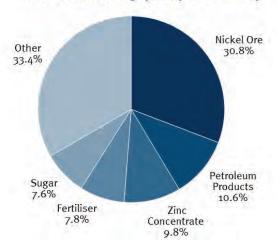
In total 672 cargo vessels visited the Port of Townsville in 2013–14, a decrease of 49 cargo vessels from the previous year. This can be associated to the impact of reduced trade in nickel ore and magnetite.



Townsville Total Throughput

#### Port of Townsville Vessel Statistics

Financial Year	2012-13	2013-14
By Gross Registered Tonnage		
Less than 10,000	200	199
10,000 to 20,000	161	167
20,000 to 30,000	164	151
Over 30,000	196	155
By Length (metres)		
Less than 185m	517	511
185m to 230m	204	160
Over 230m	0	1
Total Vessels	721	672



#### Townsville Throughput by Commodity

## Port of Townsville Trade Statistics

Financial Year	2009–10	2010-11	2011–12	2012–13	2013-14	Varia	nce
						Amount	%
Export tonnes	0	0.0		<u> </u>			0/
Fertiliser	779,810	828,105	866,066	810,338	637,203	-173,135	-21.4%
General Cargo	150,126	145,404	191,633	163,846	171,126	7,280	4.4%
Livestock - Cattle	45,031	23,888	10,863	2,072	100,905	98,833	4769.9%
Magnetite	0	278,476	846,523	773,177	386,662	-386,515	-50.0%
Meat & By-Products	15,129	27,188	21,288	13,014	5,633	-7,381	-56.7%
Metal Cons - Copper	302,138	213,874	180,492	276,305	227,734	-48,571	-17.6%
Metal Cons - Lead	401,910	381,792	373,058	365,430	387,697	22,267	6.1%
Metal Cons - Lead/Silver	64,960	14,257	0	1,705	31,755	30,050	1762.6%
Metal Cons - Zinc	695,858	776,315	808,480	889,953	755,588	-134,365	-15.1%
Metal Cons - Zinc Ferrites	56,726	154,328	210,651	210,175	252,513	42,338	20.1%
Metals - Refined Copper	201,358	228,520	272,221	198,633	257,536	58,903	29.7%
Metals - Refined Nickel	11,548	17,733	27,967	16,998	17,773	775	4.6%
Metals - Refined Zinc	137,143	289,014	156,889	139,109	175,451	36,342	26.1%
Metals - Smelted Lead	152,029	113,658	164,430	129,623	132,563	2,940	2.3%
Metals - Zinc Oxide	0	24,339	0	0	0	0	0.0%
Molasses	185,237	233,710	381,782	254,731	271,032	16,301	6.4%
Petroleum - Contaminated Oil	1,667	3,259	8,628	6,978	5,955	-1,023	-14.7%
Sand/Gravel/Coke	8,181	0	0	0	0	0	0.0%
Sugar	1,190,898	958,720	1,490,541	1,091,626	784,400	-307,226	-28.1%
Sulphuric Acid	11,432	12,488	5,502	0	0	0	0.0%
Timber	0	0	318,696	90,700	0	-90,700	-100.0%
Total exports	4,411,181	4,725,069	6,335,708	5,434,413	4,601,526	-832,887	-15.3%
Import tonnes	(50.40)	166 669	(92.25.)	F ( 0 4 F 9	502.009	26.250	6 -0/
Cement Fertiliser	453,124	466,668	482,254	540,158	503,908	-36,250	-6.7%
	113,691	87,775	96,817	118,814	157,962	39,148	32.9%
General Cargo Metal Cons - Nickel	188,726	211,621	300,493	265,215	254,596	-10,619	-4.0%
Metal Cons - Zinc	0	13,311	52,714	16,283	0	-16,283	-100.0%
	158,341	258,309	250,230	322,078	251,841	-70,237	-21.8%
Metals - Copper Anode	98,964	30,630	73,564	97,968	77,055	-20,913	-21.3%
Motor Vehicles	28,166	19,329	27,092	24,224	19,150	-5,074	-20.9%
Nickel Ore	3,680,603	3,719,507	3,978,616	3,958,967	3,160,244	-798,723	-20.2%
Oxide Containers	0	0	0	0	69,132	69,132	100.0%
Petroleum Products	1,016,206	941,103	1,111,296	1,112,244	1,087,606	-24,638	-2.2%
Sulphur Sulphuris Asid	103,812	103,746	112,733	102,460	52,909	-49,551	-48.4%
Sulphuric Acid	0	24,067	63,396	112,980	22,398	-90,582	-80.2%
Total imports	5,841,634	5,876,067	6,549,205	6,671,391	5,656,801	-1,014,590	-15.2%
Total throughput	40.050.04-	10 601 10-	40.004.040	40 40 - 90 /	40.059.00-	4 9 / - /	45 00/
Total throughput	10,252,815	10,601,137	12,884,913	12,105,804	10,258,327	-1,847,477	-15.3%

## Far North Queensland Ports Corporation Limited

Far North Queensland Ports Corporation Limited, (trading as Ports North), manages and operates the Port of Cairns, a multi-purpose regional seaport that caters to a diverse range of industries. It also manages four other trading ports (Mourilyan, Cape Flattery, Skardon River and Karumba), two community ports (Quintell Beach and Thursday Island), and two other (non-trading) ports (Cooktown and Burketown). Ports North handles bulk shipments of sugar, molasses, silica sands, zinc, fertiliser in addition to live cattle and general cargo. Ports North also has extensive property, marina and tourism facilities, particularly in Cairns.

Trade through Ports North's ports increased during 2013–14 by 14.4% to 4.85 million tonnes. This is largely due to an upswing in silica sand exports from Cape Flattery, zinc exports from the Port of Karumba and sugar exports from Port of Mourilyan.

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varia	nce
						Amount	%
Export tonnes							
Cairns	485,165	397,346	398,617	407,891	436,878	28,987	7.1%
Cape Flattery	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Karumba	650,336	963,021	977,938	893,949	943,198	49,249	5.5%
Mourilyan	519,731	507,145	453,214	533,331	690,914	157,583	29.5%
Quintell Beach	78	0	0	0	0	0	0.0%
Thursday Island	3,510	11,798	31,636	12,701	13,252	551	4.3%
Total exports	3,388,880	3,905,430	3,638,405	3,525,932	4,178,942	653,010	18.5%
Import tonnes							
Cairns	621,249	627,941	631,035	647,717	605,970	-41,747	-6.4%
Karumba	1,228	1,474	1,611	1,088	922	-166	-15.3%
Quintell Beach	1,602	1,443	2,286	1,453	1,444	-9	-0.6%
Thursday Island	69,235	63,273	70,813	64,787	63,710	-1,077	-1.7%
Total imports	693,314	694,131	705,745	715,045	672,046	-42,999	-6.0%
Total throughput	4,082,194	4,599,561	4,344,150	4,240,977	4,850,988	610,011	14.4%

#### Far North Queensland Ports Corporation Limited Trade Statistics

## **Port of Cairns**

The Port of Cairns is a small multi-purpose regional port that caters for a diverse range of customers from bulk and general cargo, cruise shipping, fishing fleet and reef passenger ferries.

The port's bulk cargo includes petroleum products, sugar, fertiliser and liquefied petroleum gas.

The port is the principal node for the consolidation and redistribution of supplies that are shipped to the coastal communities north of Cairns, as well as the Torres Strait Islands and the Gulf of Carpentaria.

Total trade through Cairns during 2013–14 was 1.04 million tonnes. This is a decrease of 1.2% compared to the previous financial year. Increases in general cargo exports were offset by decreases in sugar exports and fertiliser and petroleum product imports.

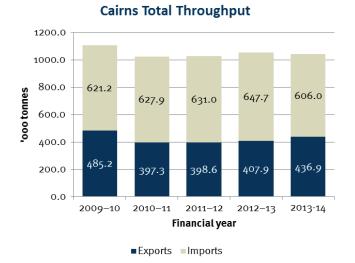
The Port of Cairns is also one of the country's busiest cruising destinations with major international cruise ships and domestic cruise vessels operating from the port. An extra three cruise ships operated in the region resulting in 19 cruise ships visiting Cairns during 2013–14 combining for a total 27 visits.

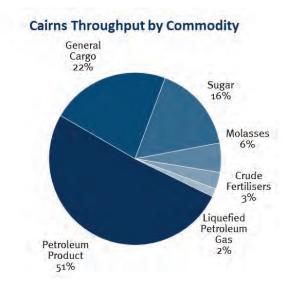
#### Port of Cairns Vessel Statistics

Financial year	2012-13	2013-14
By Gross Registered Tonnage		
Less than 10,000	675	657
10,000 to 20,000	8	10
20,000 to 30,000	51	47
Over 30,000	35	7
By Length (metres)		
Less than 185m	742	716
185m to 230m	21	5
Over 230m	6	0
Total Vessels	769	721

#### Port of Cairns Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	ce
						Amount	%
Export tonnes							
General Cargo	133,280	142,952	192,305	160,403	196,476	36,073	22.5%
Molasses	41,411	50,036	36,410	49,674	57,331	7,657	15.4%
Petroleum Product	13,359	7,334	12,663	10,791	12,354	1,563	14.5%
Sugar	297,115	197,024	157,239	187,023	170,717	-16,306	-8.7%
Total exports	485,165	397,346	398,617	407,891	436,878	28,987	7.1%
Import tonnes							
Crude Fertilisers	65,776	26,173	46,838	50,362	32,746	-17,616	-35.0%
General Cargo	35,566	56,729	37,093	37,001	36,514	-487	-1.3%
Liquefied Petroleum Gas	20,572	16,893	15,021	16,369	15,912	-457	-2.8%
Petroleum Product	499,335	528,146	532,083	543,985	520,798	-23,187	-4.3%
Total imports	621,249	627,941	631,035	647,717	605,970	-41,747	-6.4%
Total throughput	1,106,414	1,025,287	1,029,652	1,055,608	1,042,848	-12,760	-1.2%







Port of Cairns

## **Port of Cape Flattery**

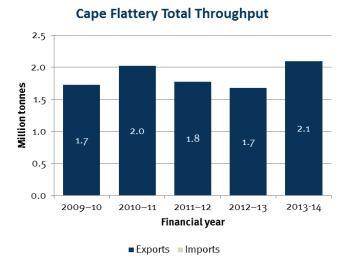
The Port of Cape Flattery is situated more than 200km north of Cairns on the east coast of Cape York Peninsula. It is used for the export of silica sand from the Cape Flattery mine. The single berth at the port is operated by the Cape Flattery Silica Mines Pty Ltd.

The port consists of onshore silica sand handling and stockpiling facilities, a 500m single trestle jetty, a conveyor running from the mine to an offshore berth, and a ship loader. In 2013–14 silica sand exports through Cape Flattery increased by 24.8% to 2.09 million tonnes. This can be considered an excellent improvement in silica exports considering Cyclone Ita passed directly over Cape Flattery in April 2014.

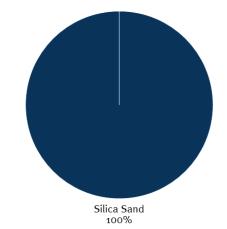
There were 41 ship visits to this port during 2013-14.

#### Port of Cape Flattery Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variance	
						Amount	%
E							
Export tonnes							
Silica Sand	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Total exports	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Total throughput	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%



**Cape Flattery Throughput by Commodity** 



## **Port of Karumba**

The Port of Karumba is located at the mouth of the Norman River in the south-east corner of the Gulf of Carpentaria. The Century Mine, owned by China Minmetals Corporation and OZ Minerals Limited, started exporting zinc concentrate through the port in December 1999.

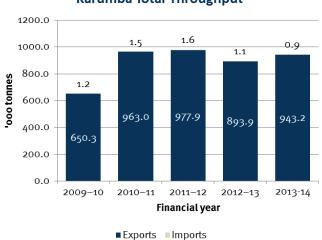
Zinc slurry is piped 304km to the port from the mine, where it is dewatered and loaded onto a 5,000 tonne, fully enclosed transfer vessel. This vessel then tranships the zinc 40kms to the export ships that anchor in deep water in the Gulf of Carpentaria, about 24 nautical miles off the coast. Other facilities in the port provide for general cargo and the export of live cattle. Karumba also acts as a transhipment port for Mornington Island and other Gulf communities.

During 2013–14 total trade through Karumba increased from the previous financial year by 5.5% to 944,120 tonnes. This was due to lead exports doubling from the last financial year.

There were 149 ship visits to the port during 2013-14.

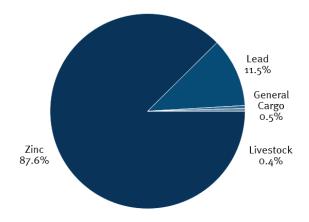
### Port of Karumba Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varia	nce
						Amount	%
Export tonnes							
General Cargo	7,494	6,490	7,946	5,339	3,723	-1,616	-30.3%
Lead	0	0	39,736	52,998	108,304	55,306	104.4%
Livestock	6,842	7,036	5,261	8,487	4,182	-4,305	-50.7%
Zinc	636,000	949,495	924,995	827,125	826,989	-136	0.0%
Total exports	650,336	963,021	977,938	893,949	943,198	49,249	5.5%
Import tonnes							
General Cargo	1,228	1,474	1,611	1,088	922	-166	-15.3%
Total imports	1,228	1,474	1,611	1,088	922	-166	-15.3%
Total throughput	651,564	964,495	979,549	895,037	944,120	49,083	5.5%



Karumba Total Throughput





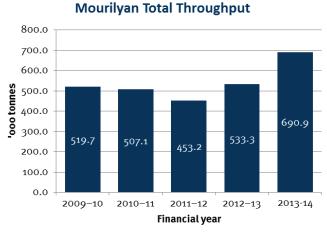
## Port of Mourilyan

The Port of Mourilyan exports raw sugar and molasses from the Innisfail, Babinda, Tully and Atherton Tableland sugar growing districts. The port comprises onshore sugar and molasses handling, storage facilities, a single sugar loader and associated wharf located within a sheltered natural harbour. This port also has the capability to export cattle. During 2013–14, total exports through the port increased from the previous financial year by 29.5% (690,914 tonnes). Sugar exports increased significantly, with a 19.6% growth from the previous financial year. This growth can be attributed to the region's recovery from the impacts of adverse weather in previous years.

There were 32 ship visits to the port during 2013-14.

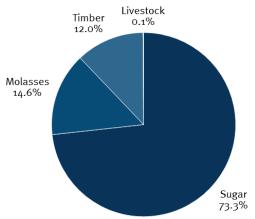
#### Port of Mourilyan Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Variance	
						Amount	%
Export tonnes							
Livestock	3,289	1,197	0	0	698	698	100.0%
Molasses	50,942	70,080	79,656	73,546	101,127	27,581	37.5%
Sugar	465,500	435,868	322,425	423,325	506,133	82,808	19.6%
Timber	0	0	51,133	36,460	82,956	46,496	127.5%
Total exports	519,731	507,145	453,214	533,331	690,914	157,583	29.5%
Total throughput	519,731	507,145	453,214	533,331	690,914	157,583	29.5%



Exports Imports

Mourilyan Throughput by Commodity

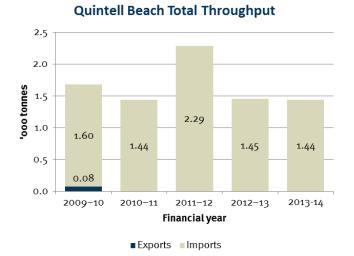


## Port of Quintell Beach

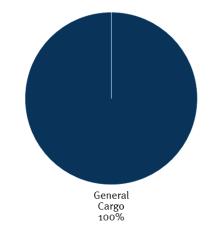
The Port of Quintell Beach is a community port located on the east coast of northern Cape York. It has a barge facility that services the needs of the Lockhart River community and remote grazing properties. The port is not accessible by road during the wet season (approximately December to March each year), necessitating supplies to be barged to land to service the surrounding communities. Total trade through the port decreased by 0.6% to 1,444 tonnes, with 16 vessels visiting the port during 2013–14.

#### Port of Quintell Beach Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	ce
						Amount	%
Export tonnes	-0			-			0.09/
General Cargo	78	0	0	0	0	0	0.0%
Total exports	78	0	0	0	0	0	0.0%
Import tonnes							
General Cargo	1,602	1,443	2,286	1,453	1,444	-9	-0.6%
Total imports	1,602	1,443	2,286	1,453	1,444	-9	-0.6%
Total throughput	1,680	1,443	2,286	1,453	1,444	-9	-0.6%



#### **Quintell Beach Throughput by Commodity**



## Port of Thursday Island

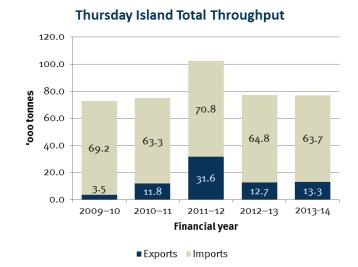
The Port of Thursday Island (Port Kennedy) is a community port located in a natural harbour in the Torres Strait at the most northern part of Australia. Ports North owns the wharf facilities, which are established on both Thursday Island and Horn Island. The port services the needs of the two islands, and also operates as a major transhipment point for the supply of essential cargoes to other islands of the Torres Strait.

The port's strategic location means that a number of government agencies, including Customs and Fisheries patrols, are based in Thursday Island.

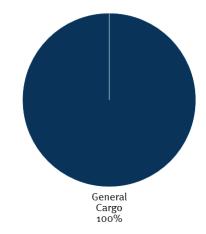
During 2013–14, trade through the port decreased by 0.7% to 76,962 tonnes. A reduction in imports of general cargo of 1,077 tonnes was partially offset by an increase in exports of general cargo of 551 tonnes.

The port had 502 ship visits during 2013-14.

#### **Financial Year** 2009-10 2010-11 2011-12 Variance 2012-13 2013-14 Amount % Export tonnes **General** Cargo 11,798 12,701 3,510 31,636 13,252 551 4.3% **Total exports** 11,798 4.3% 3,510 31,636 12,701 13,252 551 Import tonnes General Cargo 69,235 63,273 70,813 64,787 63,710 -1,077 -1.7% Total imports 69,235 64,787 63,710 -1.7% 63,273 70,813 -1,077 **Total throughput** 76,962 -0.7% 102,449 77,488 -526 72,745 75,071



Thursday Island Throughput by Commodity

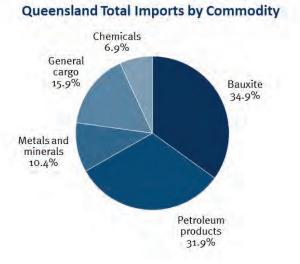


# Port of Thursday Island Trade Statistics

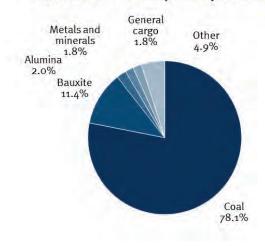
# **Trade statistics by commodity**

## **Queensland Throughput by Commodity**

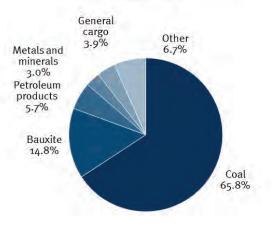
Financial Year	2009–10	2010–11	2011–12	2012–13	2013-14	Varian	ice
						Amount	%
Exported tonnes	( 00		2		<u> </u>	2	(0)
Alumina	4,536,880	4,129,000	4,283,112	5,226,591	5,468,009	241,418	4.6%
Bauxite	20,578,750	22,235,783	24,980,619	28,916,842	30,391,999	1,475,157	5.1%
Cement	1,278,273	1,198,120	1,207,476	1,101,911	1,238,727	136,816	12.4%
Chemicals	1,263,407	1,189,896	1,165,406	1,028,361	840,845	-187,516	-18.2%
Coal	183,091,593	162,673,119	164,809,722	180,181,544	208,931,158	28,749,614	16.0%
General cargo	4,966,516	5,284,719	5,965,405	6,061,355	5,703,002	-358,353	-5.9%
Grains and cereals	1,324,165	1,574,629	2,392,775	2,462,880	753,550	-1,709,330	-69.4%
Meat and livestock	269,065	270,946	247,262	254,767	329,878	75,111	29.5%
Metals and minerals	3,499,949	4,279,556	4,972,462	4,764,553	4,487,313	-277,240	-5.8%
Molasses	315,059	396,331	545,075	405,688	453,655	47,967	11.8%
Petroleum products	2,379,215	2,465,184	2,504,829	2,862,419	3,131,198	268,779	9.4%
Silica sand	1,859,229	2,124,848	1,902,628	1,757,002	2,219,530	462,528	26.3%
Sugar	3,921,510	3,164,170	2,904,970	3,404,017	3,440,457	36,440	1.1%
Timber and woodchip	217,562	172,971	486,274	193,753	184,875	-8,878	-4.6%
Total exported tonnes	229,501,173	211,159,272	218,368,015	238,621,683	267,574,196	28,952,513	12.1%
Imported to page							
Imported tonnes Bauxite	13,195,900	13,549,380	13,671,250	16,321,662	16,610,286	288,624	1.8%
Cement	2,007,910			1,911,916			11.5%
Chemicals		2,125,169	1,778,396		2,132,455	220,539 -212,518	-6.7%
General cargo	2,492,186 4,995,265	2,618,619	3,116,280	3,192,421	2,979,903	-	-8.6%
Grains and cereals		5,384,434	5,850,788	6,112,073	5,584,822	-527,251	72.1%
Meat and livestock	132,761	98,993	116,331	119,301	205,275	85,974	-88.3%
Metals and minerals	5,040	23,300	34,144	61,834	7,232	-54,602	-12.6%
Molasses	5,023,410	5,170,819	5,521,425	5,479,211	4,789,043	-690,168	
	8,586	33,024	0	0	27,217	27,217	100.0%
Petroleum products Sugar	13,197,689	13,424,823	14,330,888	14,956,454	15,147,749	191,295	1.3% 0.0%
Timber and woodchip	25,000	25,000	26,067	0	0	0 -262	-1.2%
Total imported tonnes	32,272	39,406	25,182	22,717	22,455		-1.2 /8 -1.4%
Total imported tonnes	41,116,019	42,492,967	44,470,751	48,177,589	47,506,437	-671,152	-1.4 /0
Total throughput by comm	noditv						
Alumina	4,536,880	4,129,000	4,283,112	5,226,591	5,468,009	241,418	4.6%
Bauxite	33,774,650	35,785,163	38,651,869	45,238,504	47,002,285	1,763,781	3.9%
Cement	3,286,183	3,323,289	2,985,872	3,013,827	3,371,182	357,355	11.9%
Chemicals	3,755,593	3,808,515	4,281,686	4,220,782	3,820,748	-400,034	-9.5%
Coal	183,091,593	162,673,119	164,809,722	180,181,544	208,931,158	28,749,614	16.0%
General cargo	9,961,781	10,669,153	11,816,193	12,173,428	11,287,824	-885,604	-7.3%
Grains and cereals	1,456,926	1,673,622	2,509,106	2,582,181	958,825	-1,623,356	-62.9%
Meat and livestock	274,105	294,246	281,406	316,601	337,110	20,509	6.5%
Metals and minerals	8,523,359	9,450,375	10,493,887	10,243,764	9,276,356	-967,408	-9.4%
Molasses	323,645	429,355	545,075	405,688	480,872	75,184	18.5%
Petroleum products	15,576,904	15,890,007	16,835,717	17,818,873	18,278,947	460,074	2.6%
Silica sand	1,859,229	2,124,848	1,902,628	1,757,002	2,219,530	462,528	26.3%
Sugar	3,946,510	3,189,170	2,931,037	3,404,017	3,440,457	36,440	1.1%
Timber and woodchip	249,834	212,377	511,456	216,470	207,330	-9,140	-4.2%
Grand Total	270,617,192	253,652,239	262,838,766	286,799,272	315,080,633	28,281,361	9.9%



#### Queensland Total Exports by Commodity



#### Queensland Total Throughput by Commodity



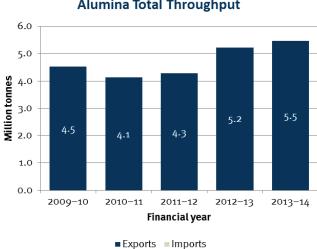
## Alumina/Aluminium

Queensland's alumina and aluminium industry continued its strong contribution to the state's trade output. Production is centred in Gladstone at the Queensland Alumina Limited (QAL) and the Rio Tinto Alumina Yarwun refinery.

These refineries source ore from mines in Weipa. Bauxite is shipped 2000km to Gladstone for refinement. Alumina is produced for both the domestic and export markets with the majority of exports going to Russia and China. Almost 70% of the aluminium produced in Queensland is exported to Japan.

Alumina exports recorded an increase of 3.9% in 2013–14 in comparison to the previous financial year, with 5.08 million tonnes exported from the port of Gladstone. Total trade for

Alumina/aluminium during 2013-14 increased 4.6% to 5.49 million tonnes in comparison to the previous financial year.



#### **Alumina Total Throughput**

#### Alumina / Aluminium Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varianc	e
						Amount	%
Export tonnes							
Gladstone							
Alumina	4,214,205	3,794,339	3,909,386	4,891,708	5,082,561	190,853	3.9%
Aluminium	322,675	334,661	373,726	334,883	385,448	50,565	15.1%
Total exports	4,536,880	4,129,000	4,283,112	5,226,591	5,468,009	241,418	4.6%
Total throughput	4,536,880	4,129,000	4,283,112	5,226,591	5,468,009	241,418	4.6%

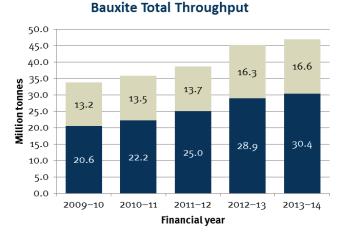
### **Bauxite**

Bauxite is the second largest commodity traded through Queensland's ports, and accounted for 14.8% of the state's total trade in 2013–14.

The Weipa bauxite mine is located on western Cape York and owned by Rio Tinto Alcan which have ore reserves covering approximately 3,860 square kilometres. The ore is supplied to Rio Tinto Alcan's Yarwun refinery and Queensland Alumina Limited's refinery which are both located in Gladstone, as well as overseas customers.

During 2013-14, bauxite exports from Weipa increased by 5.1% to 30.39 million tonnes. Bauxite imports through Gladstone also increased to 16.61 million tonnes (1.8%).

**Bauxite Trade Statistics** 



Exports Imports

#### **Financial Year** 2010-11 2011-12 2012-13 Variance 2009-10 2013–14 Amount % Export tonnes Weipa 24,980,619 28,916,842 5.1% 20,578,750 22,235,783 30,391,999 1,475,157 **Total exports** 20,578,750 22,235,783 24,980,619 28,916,842 5.1% 30,391,999 1,475,157 Import tonnes Gladstone 16,321,662 16,610,286 288,624 1.8% 13,195,900 13,549,380 13,671,250 **Total imports** 13,195,900 13,549,380 13,671,250 16,321,662 16,610,286 288,624 1.8% Total throughput 35,785,163 38,651,869 1,763,781 3.9% 33,774,650 45,238,504 47,002,285



Bauxite at the Port of Weipa

## **Cement Products**

Queensland's cement products trade is underpinned by imports for the state's building industry, and by exports from Australia's largest cement plant at Cement Australia's Gladstone facility at Fisherman's Landing.

In Gladstone, Cement Australia's plant processes limestone, clay, silica sand and iron additives to produce cement and clinker (an intermediate product in cement manufacturing). Total exports of cement and clinker through the Port of Gladstone increased by 12.4% to 1.24 million tonnes.

In comparison to 2012–13, the total imports of cement products for Queensland during 2013–14 increased by 11.5% to 2.13 million tonnes, which contributed to the increase in total throughput (11.9%).

4.0 3.5 3.0 **Million tonnes** 2.5 2.0 2.1 2.1 1.8 1.9 2.0 1.5 1.0 1.3 1.2 1.2 1.2 1.1 0.5 0.0 2012-13 2009-10 2010-11 2011-12 2013-14 **Financial year** 

Exports Imports

### **Cement products Trade Statistics**

Financial Year	2009–10	2010-11	2011-12	2012–13	2013–14	Varia	nce
						Amount	%
Export tonnes							
Brisbane							
Cement	0	278	22,000	200	154	-46	-23.0%
Gladstone							
Cement/Clinker	1,278,273	1,197,842	1,185,476	1,101,711	1,238,573	136,862	12.4%
Total exports	1,278,273	1,198,120	1,207,476	1,101,911	1,238,727	136,816	12.4%
Import tonnes							
Brisbane							
Cement	1,510,206	1,576,308	1,215,696	1,267,288	1,524,798	257,510	20.3%
Gladstone							
Cement Clinker	0	0	0	0	10,002	10,002	0.0%
Cement Gypsum	34,069	59,161	49,231	75,622	57,745	-17,877	-23.6%
Mackay							
Cement	10,511	23,032	31,215	28,848	36,002	7,154	24.8%
Townsville							
Cement	453,124	466,668	482,254	540,158	503,908	-36,250	-6.7%
Total imports	2,007,910	2,125,169	1,778,396	1,911,916	2,132,455	220,539	11.5%
Total throughput	3,286,183	3,323,290	2,985,872	3,013,827	3,371,182	357,355	11.9%

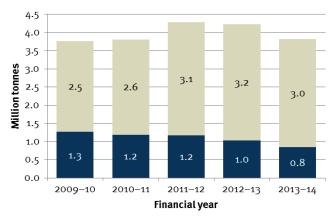
#### **Cement Total Throughput**

## Chemicals

Chemical trade in Queensland is dependent on a variety of industries, including agriculture, manufacturing, metals processing and mining industries.

Total trade in chemicals decreased by 9.5% (400 035 tonnes) to 3.82 million tonnes during 2013-14. There was a decrease in imports and exports during the period of 6.7% and 18.2% respectively.

The shutdown of Incitec Pivot's production contributed to the decrease in fertiliser exports. The slowing down of the mining sector and fertiliser manufacturing also resulted with a decreased demand for sulphur and sulphuric acid. **Chemicals Total Throughput** 



Exports Imports

### **Chemicals Trade Statistics**

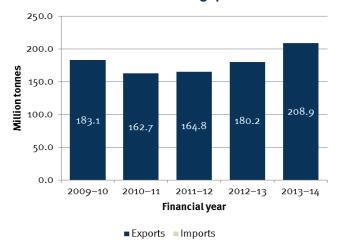
Financial Year	2009–10	2010-11	2011-12	2012–13	2013–14	Var	iance
						Amount	%
Export tonnes Brisbane							
Chemicals - Industrial	38,416	23,106	13,007	5	10,805	10,800	208490.7%
Fertiliser	248,282	131,851	130,535	118,323	98,895	-19,428	-16.4%
Gladstone	• •						
Ammonium Nitrate	0	2,000	0	0	0	0	0.0%
Caustic Soda	43,582	75,533	57,986	25,898	13,016	-12,882	-49.7%
Naphtha	0	0	0	0	0	0	0.0%
Mackay							
Industrial Alcohol	7,007	3,196	2,102	22,518	21,165	-1,353	-6.0%
Rockhampton	,. ,	2. 2			, ,		
Ammonium Nitrate	134,488	112,813	90,208	51,101	59,761	8,660	16.9%
Explosives	390	804	0	178	0	-178	-100.0%
Townsville		1		,		,	
Fertiliser	779,810	828,105	866,066	810,338	637,203	-173,135	-21.4%
Sulphuric Acid	11,432	12,488	5,502	0	0	0	0.0%
Total exports	1,263,407	1,189,896	1,165,405	1,028,362	840,845	-187,517	-18.2%
	, ,,,,,,		7 371 3		1 7 15	1.5 1	
Import tonnes							
Brisbane							
Chemicals - Industrial	59,566	52,567	49,686	82,326	63,794	-18,532	-22.5%
Chemicals - Rural	193,160	179,637	193,904	171,291	172,365	1,074	0.6%
Fertiliser	107,156	221,243	300,044	218,734	244,904	26,170	12.0%
Cairns							
Crude Fertilisers	65,776	26,173	46,838	50,362	32,746	-17,616	-35.0%
Gladstone							
Caustic Soda	1,440,717	1,500,702	1,687,585	1,889,707	1,854,233	-35,474	-1.9%
Fertiliser	0	0	0	0	0	0	0.0%
Liquid Ammonia	263,354	244,940	273,827	233,071	255,250	22,179	9.5%
Sulphuric Acid	0	55,793	61,619	54,107	40,409	-13,698	-25.3%
Mackay							
Bulk Fertilisers	52,382	44,218	59,972	60,284	38,638	-21,646	-35.9%
Sulphuric Acid	0	7,515	2,498	2,960	3,504	544	18.4%
Rockhampton							
Ammonium Nitrate	86,673	59,602	167,361	95,325	40,791	-54,534	-57.2%
Calcium Nitrate	0	0	0	0	0	0	0.0%
Explosives	5,899	10,641	0	0	0	0	0.0%
Townsville							
Fertiliser	113,691	87,775	96,817	118,814	157,962	39,148	32.9%
Sulphur	103,812	103,746	112,733	102,460	52,909	-49,551	-48.4%
Sulphuric Acid	0	24,067	63,396	112,980	22,398	-90,582	-80.2%
Total imports	2,492,186	2,618,619	3,116,279	3,192,421	2,979,903	-212,518	-6.7%
Total throughput	3,755,592	3,808,515	4,281,685	4,220,783	3,820,748	-400,035	-9.5%

## Coal

With more than 30 billion tonnes of identified resources of black coal in the state, the coal industry is a major contributor to Queensland's economy. Coal accounts for 65.8% of the state's total trade and 78.1% of Queensland's total exports.

Coal exports in 2013–14 achieved a 16% increase (28.7 million tonnes) compared to last year, with a total throughput of 208.9 million tonnes. Deteriorating prices for coal, rising costs and the high Australian dollar put pressure on coal production. However, coal exports were at record levels as producers aimed to spread increased overheads across more tonnes, to minimise financial loss.

Coal Total Throughput



### Coal Trade Statistics

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varian	ce
						Amount	%
Export tonnes							
Abbot Point	16,933,596	15,063,943	13,602,137	17,744,621	22,895,551	5,150,930	29.0%
Brisbane	6,302,864	6,614,664	8,570,004	8,582,992	8,105,406	-477,586	-5.6%
Gladstone							
Barney Point	4,787,636	3,956,642	4,115,675	2,934,912	4,642,069	1,707,157	58.2%
RG Tanna	55,602,406	49,232,706	55,638,013	54,378,793	64,980,430	10,601,637	19.5%
Hay Point							
DBCT	63,130,205	54,664,876	50,843,846	62,203,846	67,464,903	5,261,057	8.5%
HPCT	36,334,886	33,140,288	32,040,047	34,336,380	40,842,799	6,506,419	18.9%
Total exports	183,091,593	162,673,119	164,809,722	180,181,544	208,931,158	28,749,614	16.0%
Total throughput	183,091,593	162,673,119	164,809,722	180,181,544	208,931,158	28,749,614	16.0%



Port of Hay Point Coal Terminals

## **General Cargo (Including Container Trade)**

Historically, general cargo throughput has been dependent on economic conditions.

During 2013–14, trade in general cargo and containerised goods through Queensland ports decreased by 7.3%, in comparison to the previous financial year.

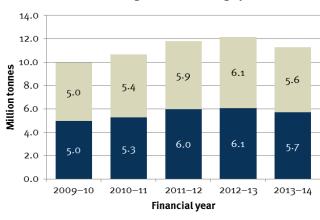
The 2013–14 throughput fluctuated across commodity groups, including containerised cargo.

Container throughput through Queensland's ports increased by 3.3% during 2013–14. This was buoyed by increased trade in building products and household items such as electrical goods, white goods and furniture, as well as increased meat exports to Asia and the United States.

However, there were some notable decreases such as machinery imports, used mainly for LNG and other major infrastructure developments in the state.

Brisbane accounts for the majority of the state's container trade, accounting for 92.8% of Queensland's total throughput in 2013–14.

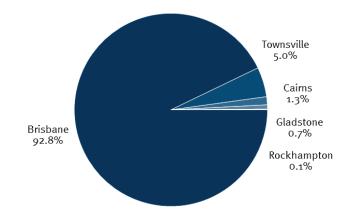
Notably, container growth has been the fastest growing sector at the *Port of Townsville*, almost trebling in the last 15 years from around 17,000 TEUs in 2001–02 to almost 59,000 TEUs in 2013–14. This is largely driven by increased demand for agricultural products and beef from Papua New Guinea and China.



#### **General Cargo Total Throughput**







### General Cargo Trade Statistics

Financial Year	2009–10	2010–11	2011-12	2012-13	2013–14	Varia	ince
						Amount	%
Export tonnes							
Brisbane							
Beverages	0	0	0	31	0	-31	-100.0%
Building Products	71	1,562	625	29	32	3	8.9%
Containerised Misc	3,830,417	4,097,753	4,628,004	4,842,465	4,662,650	-179,815	-3.7%
Containerised Transhipment	406,344	397,271	357,576	264,673	135,500	-129,173	-48.8%
Electrical Equipment	730	1,110	1,358	1,975	679	-1,296	-65.6%
Freight All Kinds	189	93	169	320	1,772	1,452	453.9%
Fats and Oils	702	375	0	0	0	0	0.0%
Food - Other	20	0	0	8	258	250	3186.6%
Household Items	0	45	0	6	193	187	3303.9%
Machinery	28,068	26,485	27,704	26,963	34,753	7,790	28.9%
Manufactured - Other	38	707	7,648	75	2,044	1,969	2625.3%
Mining and Energy - Other	20	1,207	997	28,737	5,070	-23,667	-82.4%
Motor Vehicles	3,667	5,053	5,877	10,117	8,091	-2,026	-20.0%
Paper & Wood Pulp	0	0	0	2	0	-2	-100.0%
Retail - Other	13	0	3	5	816	811	17410.7%
Rubber Manufactures	259	142	31	17	66	50	300.0%
Transport Equipment	3,579	4,939	3,137	3,422	4,518	1,096	32.0%
Cairns							
General Cargo	133,280	142,952	192,305	160,403	196,476	36,073	22.5%
Gladstone							
Bunker Coal	161,385	162,282	102,411	6,631	0	-6,631	-100.0%
Bunker Fuel	0	0	0	0	26,345	26,345	100.0%
Containers	237	3,929	37,905	69,704	85,719	16,015	23.0%
Cotton Seed	14,128	0	0	0	0	0	0.0%
Fly Ash	98,021	129,945	153,309	139,045	125,755	-13,290	-9.6%
General Cargo	5,053	10,688	27,369	42,044	20,800	-21,244	-50.5%
Military	5,011	0	0	0	0	0	0.0%
Equipment/Vehicles			2	( )			
Scrap Metal	32,229	49,310	37,830	44,685	74,454	29,769	66.6%
Karumba		,					24
General Cargo	7,494	6,490	7,946	5,339	3,723	-1,616	-30.3%
Lucinda					<b>2</b> <i>(</i>		24
General Cargo	6,166	11,795	9,522	14,205	8,560	-5,645	-39.7%
Mackay	0.00	2					<b>( 0 0</b> )
General Cargo	38,887	32,854	73,051	167,987	53,652	-114,335	-68.1%
Machinery	2,766	0	6,637	10,423	15,442	5,019	48.2%
Scrap Metal	20,177	32,729	43,093	37,372	26,289	-11,083	-29.7%
Quintell Beach							01
General Cargo	78	0	0	0	0	0	0.0%
Rockhampton		_	6 6	-			<u> </u>
Containers	0	1,008	8,280	358	12,665	12,307	3437.7%
General Cargo	123	217	12	1	0	-1	-100.0%
Thursday Island							01
General Cargo	3,510	11,798	31,636	12,701	13,252	551	4.3%
Townsville				( <u> </u>		2	01
General Cargo	150,126	145,404	191,633	163,846	171,126	7,280	4.4%
Sand/Gravel/Coke	8,181	0	0	0	0	0	0.0%
Weipa							0.01
General Cargo	5,547	6,576	9,337	7,766	12,301	4,535	58.4%
Total exports	4,966,515	5,284,720	5,965,404	6,061,354	5,703,001	-358,353	-5.9%

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varia	nce
						Amount	%
Import tonnes							
Brisbane Building Droducto	40.400	2 2 2 7	2.446	2.042	7/4	1.071	62.29/
Building Products Containerised Misc	10,193	2,397	2,446	2,012	741	-1,271	-63.2%
Containerised	3,600,403	3,823,089	3,979,737	4,143,381	4,240,646	97,265	2.3%
Transhipment	439,207	372,227	353,324	253,080	135,787	-117,293	-46.3%
Electrical Equipment	1,096	1,900	6,516	9,535	4,904	-4,631	-48.6%
Freight All Kinds	154	1,037	1,776	833	1,611	778	93.4%
Fats and Oils	53,174	49,222	39,256	35,727	51,935	16,208	45.4%
Food - Other	84	6	414	0	0	0	0.0%
Fruit & Vegetables	0	0	0	0	39	39	100.0%
Household Items	87	17	5	220	52	-168	-76.4%
Machinery	104,316	149,979	269,687	238,500	127,385	-111,115	-46.6%
Manufactured - Other	4,088	1,328	556	1,905	2,696	791	41.5%
Mining and Energy - Other	20,045	40,663	22,409	34,305	19,798	-14,507	-42.3%
Motor Vehicles	337,839	318,309	356,262	398,810	368,966	-29,844	-7.5%
Paper & Wood Pulp	3,138	2,111	2,299	0	4,287	4,287	100.0%
Retail - Other	7	142	108	28	31	3	11.5%
Rubber Manufactures	173	332	845	244	264	20	8.1%
Transport Equipment	19,117	17,332	33,330	28,298	19,611	-8,687	-30.7%
Cairns							
General Cargo	35,566	56,729	37,093	37,001	36,514	-487	-1.3%
Gladstone							
Bunker Coal	0	64,885	0	0	0	0	0.0%
Containers	0	317	1,635	3,837	3,910	73	1.9%
Fly Ash	0	0	0	0	0	0	0.0%
General Cargo	35,661	142,825	246,527	419,722	176,914	-242,808	-57.8%
Military	3,396	0	0	0	0	0	0.0%
Equipment/Vehicles <i>Karumba</i>							
General Cargo	1,228	1,474	1,611	1,088	922	-166	-15.3%
Lucinda	1,220	-,4/4	1,011	1,000	922	100	13.570
General Cargo	2,338	4,070	3,337	6,105	3,376	-2,729	-44.7%
Mackay	2,550	4,070	זכניכ	0,105	ہ رز ر	2,729	44•7 /0
Machinery	12,210	2,363	0	0	0	0	0.0%
Quintell Beach	,	_,	-	-	-	-	
General Cargo	1,602	1,443	2,286	1,453	1,444	-9	-0.6%
Rockhampton	-,		_,	-,-,-		,	
Containers	5	1,063	7,205	13,876	8,707	-5,169	-37.3%
General Cargo	3,170	1,889	45,261	90,813	266	-90,547	-99.7%
Thursday Island	5,-15	,)		, <u>)</u>		, ,,,,,	, , , , , , , , , , , , , , , , , , ,
General Cargo	69,235	63,273	70,813	64,787	63,710	-1,077	-1.7%
Townsville				,	211	.,,	,
General Cargo	188,726	211,621	300,493	265,215	254,596	-10,619	-4.0%
Motor Vehicles	28,166	19,329	27,092	24,224	19,150	-5,074	-20.9%
Weipa		<i></i>		12 1	2.2		-
, General Cargo	20,841	33,062	38,463	37,074	36,560	-514	-1.4%
Total imports	4,995,264	5,384,436	5,850,790	6,112,073	5,584,822	-527,251	-8.6%
Total throughput	9,961,779	10,669,156	11,816,195	12,173,428	11,287,823	-885,605	-7.3%

### Trade by container

Financi	al Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varia	
							Amount	%
Export						.00		0/
Full	Brisbane	258,373	283,339	323,423	335,355	487,508	152,153	45.4%
	Cairns	7,511	7,881	6,737	7,846	9,304	1,458	18.6%
	Gladstone	198	542	1,908	3,122	3,819	697	22.3%
	Rockhampton	90	969	451	621	677	56	9.0%
	Townsville	15,756	16,625	19,294	19,329	22,325	2,996	15.5%
Empty	Brisbane	197,740	199,452	185,881	191,603	67,437	-124,166	-64.8%
	Cairns	20	251	36	25	42	17	68.0%
	Gladstone	3	37	29	76	133	57	75.0%
	Rockhampton	4	20	0	4	0	-4	-100.0%
	Townsville	2,692	4,706	4,606	4,891	6,691	1,800	36.8.0%
Total ex	xports	482,387	513,822	542,365	562,872	597,936	35,064	6.2%
Import	TEUs							
Fuĺl	Brisbane	405,215	433,774	458,896	479,832	323,462	-156,370	-32.6%
	Cairns	1,151	2,492	1,306	1,065	985	-80	-7.5%
	Gladstone	0	64	99	266	714	448	168.4%
	Rockhampton	449	288	694	1,170	794	-376	-32.1%
	Townsville	7,690	10,815	12,674	12,064	12,939	875	7.2%
Empty	Brisbane	57,914	62,249	56,870	63,093	218,962	155,869	247.0%
	Cairns	6,502	7,316	5,377	6,825	5,558	-1,267	-18.6%
	Gladstone	0	725	1,918	2,730	3,813	1,083	39.7%
	Rockhampton	9	0	0	73	0	-73	-100.0%
	Townsville	9,317	10,293	12,988	13,889	16,752	2,863	20.6%
Total in	nports	488,247	528,016	550,822	581,007	583,979	2,972	0.5%
		<b></b> -	J=-,- = 0	55-,==	5,7	5-51717		<u> </u>
Total th	nroughput	970,634	1,041,838	1,093,187	1,143,879	1,181,914	38,035	3.3%
.otut ti	noughput	3/ 3,054	-,041,030	-,093,10/	-,-43,079	-,-0-,9-4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0, ر.ر



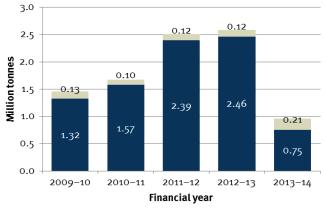
Port of Brisbane Container Terminals

## **Grains and Cereals**

During the 2013–14 financial year, grains and cereals throughput decreased from the previous financial year's throughput by 62.9% (958,825 tonnes).

This was mainly due to smaller agricultural crops consumed through increased demand from domestic end users, which limited the amount of grain available for export.

During the 2013–14 financial year, agricultural seed exports from the *Port of Brisbane* decreased by over 1.4 million tonnes, while grain exports through the ports at Gladstone and Mackay decreased by 61.4% and 22.3% respectively. Grains and Cereals Total Throughput



Exports Imports

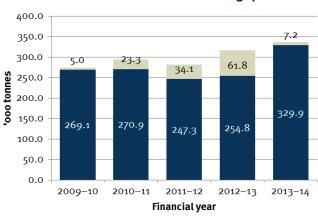
Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varian	ce
						Amount	%
Export tonnes							
Brisbane							
Agricultural Seeds	761,930	964,355	1,668,206	1,743,151	325,570	-1,417,581	-81.3%
Oil Seeds	43,067	0	0	0	20,040	20,040	100.0%
Gladstone							
Grain	240,762	260,218	338,245	386,879	149,387	-237,492	-61.4%
Mackay							
Grain	278,406	350,056	386,324	332,850	258,553	-74,297	-22.3%
Total exports	1,324,165	1,574,629	2,392,775	2,462,880	753,550	-1,709,330	-69.4%
Import tonnes							
Brisbane							
Agricultural Seeds	30,002	0	0	20,195	79,361	59,166	293.0%
Oil Seeds	102,759	98,993	116,331	99,106	125,914	26,808	27.1%
Total imports	132,761	98,993	116,331	119,301	205,275	85,974	72.1%
Total throughput	1,456,926	1,673,622	2,509,106	2,582,181	958,825	-1,623,356	-62.9%

### Grains and Cereals Trade Statistics

## **Meat and Livestock products**

Queensland's high quality meat and livestock products are exported predominantly to the southeast Asian, Middle East and north Asian markets, as well as the United States (US).

In comparison to the previous financial year, Queensland's meat and livestock exports increased significantly by 29.5% in 2013–14. This growth is attributed to strong international demand, led by the US. Livestock exports though Karumba decreased by 50.7%. However, more than 200,000 head of live cattle (100,905 tonnes) were shipped from the port of Townsville to Asian markets in 2013-14. This is the highest number since 2008-09 and more than the combined figure of the three previous financial years. The increase in demand is attributed to improved economic conditions, improved supply chain efficiencies and strong demand from Asia's wealthier middle class.



Meat and Livestock Total Throughput

Exports Imports

### Meat and Livestock Trade Statistics

Financial Year	2009–10	2010–11	2011-12	2012–13	2013–14	Varia	ince
						Amount	%
Export tonnes							
Brisbane	0-		(	- (()		(	1.5 (0)
Meat - Other	3,585	2,505	3,936	2,661	3,017	356	13.4%
Meat Products	0	0	0	1	0	-1	-100.0%
Tallow	165,957	176,777	172,098	191,365	182,274	-9,091	-4.8%
Karumba							
Livestock	6,842	7,036	5,261	8,487	4,182	-4,305	-50.7%
Mackay							
Tallow	2,803	5,677	5,724	5,003	6,174	1,171	23.4%
Mourilyan							
Livestock	3,289	1,197	0	0	698	698	100.0%
Rockhampton							
Tallow	25,834	26,678	28,092	32,164	26,995	-5,169	-16.1%
Townsville							
Livestock - Cattle	45,031	23,888	10,863	2,072	100,905	98,833	4769.9%
Meat & By-Products	15,129	27,188	21,288	13,014	5,633	-7,381	-56.7%
Weipa							
Livestock	595	0	0	0	0	0	0.0%
Total exports	269,066	270,946	247,262	254,767	329,878	75,111	29.5%
Import tonnes							
Brisbane							
Meat - Other	1	17,082	26,334	58,742	0	-58,742	-100.0%
Tallow	5,039	6,218	7,810	3,092	7,232	4,140	133.9%
Total imports	5,040	23,300	34,144	61,835	7,232	-54,603	-88.3%
Total throughput	274,105	294,246	281,406	316,601	337,110	20,509	6.5%

### **Metals and Minerals**

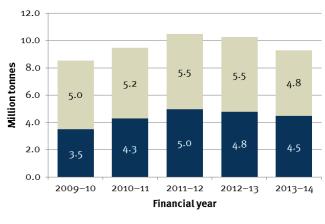
Metals and minerals traded through Queensland ports in 2013–14 decreased by 9.4% with the total throughput of 9.28 million tonnes which was 967,409 tonnes less than the previous financial year.

The major metals traded were nickel, zinc, iron, steel, lead and copper. The breakdown of imported metal and minerals continued to be dominated by nickel ore and exports by zinc.

During 2013-14, the total imports of metals and minerals decreased by 12.6% (690,168 tonnes).

This decrease is largely attributable to Indonesia placing an export ban on nickel ore in January 2014, which led to issues of supply for Queensland Nickel, and decreased nickel ore imports into Townsville.

The decrease in metals and minerals exports can also be attributed to Townsville trade, with the cessation of the export of magnetite from the Port of Townsville by Glencore. The total amount of exported metal and minerals decreased by 5.8%, which was 277,241 tonnes less than 2012–13.



#### Metals and Minerals Total Throughput

Exports Imports

### Metals and Minerals Trade Statistics

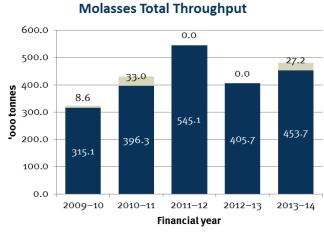
Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Varia	ince
						Amount	%
Export tonnes							
Brisbane							
Iron & Steel	310,563	329,291	488,962	424,118	469,705	45,587	10.7%
Metal Manufactures	29	16,492	128	14,505	22,373	7,868	54.2%
Mineral Ores & Sands	306,970	268,112	211,609	158,641	190,252	31,611	19.9%
Gladstone							
Calcined Magnesia	0	0	0	0	27,300	27,300	100.0%
Calcite	136,820	103,794	137,477	141,078	136,973	-4,105	-2.9%
Deadburned Magnesia	0	0	0	0	26,432	26,432	100.0%
Electrofused Magnesia	6,576	6,095	19,485	11,684	8,019	-3,665	-31.4%
Ilmenite	0	0	0	46,357	0	-46,357	-100.0%
Limestone	22,321	29,301	39,119	28,527	45,694	17,167	60.2%
Magnesia	57,000	84,670	70,240	58,412	0	-58,412	-100.0%
Karumba							
Lead	0	0	39,736	52,998	108,304	55,306	104.4%
Zinc	636,000	949,495	924,995	827,125	826,989	-136	0.0%
Townsville	<b>J</b> ,	<i>y</i> 1 <i>y</i> 1 <i>y y</i>		,. 5	.,,,,,	2	
Magnetite	0	278,476	846,523	773,177	386,662	-386,515	-50.0%
Metal Cons - Copper	302,138	213,874	180,492	276,305	227,734	-48,571	-17.6%
Metal Cons - Lead	401,910	381,792	373,058	365,430	387,697	22,267	6.1%
Metal Cons - Lead/Silver	64,960	14,257	0	1,705	31,755	30,050	1762.6%
Metal Cons - Zinc	695,858	776,315	808,480	889,953	755,588	-134,365	-15.1%
Metal Cons - Zinc Ferrites	56,726	154,328	210,651	210,175	252,513	42,338	20.1%
Metals - Refined Copper	201,358	228,520	272,221	198,633	257,536	58,903	29.7%
Metals - Refined Nickel	11,548	17,733	27,967	16,998	17,773	775	4.6%
Metals - Refined Zinc	137,143	289,014	156,889	139,109	175,451	36,342	26.1%
Metals - Smelted Lead	152,029	113,658	164,430	129,623	132,563	2,940	2.3%
Metals - Zinc Oxide	0	24,339	0	0	152,505	2,940	0.0%
Total exports	3,499,948	<b>4,279,556</b>	4,972,461	4,764,554	4,487,313	-277,241	-5.8%
Total exports	5,433,340	4,2/ 3,550	4,9/2,401	4,7 04,7 574	4,407,555	2//,241	5,0,0
Import tonnes Brisbane							
	094.0(1	000 004	(22.222	008 700	070 700	a / aaa	10.0%
Gypsum/Limestone	381,964	389,981	429,220	338,790	373,720	34,930	10.3%
Iron & Steel	378,036	417,337	373,389	376,382	314,431	-61,951	-16.5%
Metal Manufactures	16,821	18,517	13,648	2,053	3,382	1,329	64.7%
Mineral Ores & Sands	3	0	0	0	0	0	0.0%
Slag	156,409	171,910	164,661	172,164	243,654	71,490	41.5%
Gladstone		( )	2			<u>_</u>	00/
Magnetite	84,270	74,638	82,151	98,312	127,590	29,278	29.8%
Mackay							<b>•</b> ·
Iron Concentrates	67,999	35,040	76,935	52,439	91,890	39,451	75.2%
Rockhampton							
Salt	0	41,639	26,297	43,775	76,104	32,329	73.9%
Townsville							
Metal Cons - Nickel	0	13,311	52,714	16,283	0	-16,283	-100.0%
Metal Cons - Zinc	158,341	258,309	250,230	322,078	251,841	-70,237	-21.8%
Metals - Copper Anode	98,964	30,630	73,564	97,968	77,055	-20,913	-21.3%
Nickel Ore	3,680,603	3,719,507	3,978,616	3,958,967	3,160,244	-798,723	-20.2%
Oxide Containers	0	0	0	0	69,132	69,132	100.0%
Total imports	5,023,410	5,170,820	5,521,424	5,479,211	4,789,043	-690,168	-12.6%
Total throughput	8,523,358	9,450,376	10,493,885	10,243,765	9,276,356	-967,409	-9.4%
		21 10 - 101 - 9		, <sub>(0)</sub> -0	<i></i>	J 117-J	2.4.5

### Molasses

Molasses is a by-product of the sugar refining process, with shipment through the port directly linked to the seasonal sugar crush in terms of volume produced and sales into the domestic market as stock feed. The volume of molasses available for export is influenced by these factors.

The reduction in molasses export in 2012–13 and 2013–14 has been associated with aging infrastructure with its reduced ability to store product for export at the Port of Mackay. This issue has now been resolved due to Mackay Sugar developing a new export path with Sugar Terminal Limited, which involved the installation of a new storage bladder and export pipeline to the berth.

It is expected that molasses export at the Port of Mackay with return to historical average levels in 2015–16.



Exports Imports

#### **Molasses Trade Statistics**

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Variar	ice
						Amount	%
Export tonnes							
Bundaberg	8,500	0	7,226	0	16,660	16,660	0.0%
Cairns	41,411	50,036	36,410	49,674	57,331	7,657	15.4%
Mackay	28,969	42,505	40,001	27,737	7,505	-20,232	-72.9%
Mourilyan	50,942	70,080	79,656	73,546	101,127	27,581	37.5%
Townsville	185,237	233,710	381,782	254,731	271,032	16,301	6.4%
Total exports	315,059	396,331	545,075	405,688	453,655	47,967	11.8%
Import tonnes							
Bundaberg	8,586	33,024	0	0	27,217	27,217	0.0%
Total imports	8,586	33,024	0	0	27,217	27,217	0.0%
Total throughput	323,645	429,355	545,075	405,688	480,872	75,184	18.5%

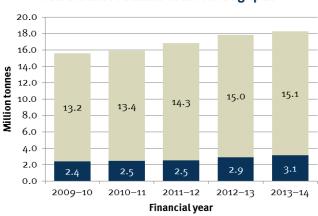
## **Petroleum Products**

Petroleum products account for the third largest commodity traded through Queensland ports. The majority of these products are shipped through Brisbane. The two refineries operated by BP Australia and Caltex are situated in Brisbane and dominate the local market. After processing, the majority of these products are distributed to regional centres throughout Queensland.

Total imports of petroleum products increased by 1.3% (191,296 tonnes more than in 2012–13) to 15.15 million tonnes in 2013–14. While crude oil imports into Brisbane increased to 8.52 million tonnes, petroleum product imports into Gladstone, Mackay, Cairns and Townsville all decreased. The stalling of mine and terminal developments, with miners' continued focus on cost reduction, all contributed to this decline in fuel imports.

Total export of petroleum products increased by 9.4% (268,779 tonnes more than in 2012–13) to a total of 3.13 million tonnes in 2013–14. This is largely due to the 9.5% (263,733 tonnes) increase in refined oil exports through the Port of Brisbane.

In April 2014 BP announced its intention to close its Brisbane refinery by mid-2015.



**Petroleum Products Total Throughput** 

Exports Imports

### Petroleum Products Trade Statistics

Financial Year	2009–10	2010–11	2011-12	2012–13	2013–14	Variance	
						Amount	%
Export tonnes Brisbane							
Crude Oil	7,209	16,081	7 221	40,186	28,089	-12,097	-30.1%
Gas	12,673	8,930	7,321 12,675	24,835	41,438	16,603	66.9%
Refined Oil		2,429,580	2,463,542	24,035 2,779,629	3,043,362	263,733	9.5%
Cairns	2,344,307	2,429,500	2,403,542	2,//9,029	3,043,302	203,/33	9.5 /0
Petroleum Product	13,359	7,334	12,663	10,791	12,354	1,563	14.5%
Townsville	10,009	7,004	12,005	10,791	12,554	1,505	14.570
Petroleum - Contaminated Oil	1,667	3,259	8,628	6,978	5,955	-1,023	-14.7%
Total exports	2,379,214	<b>2,465,184</b>	2,504,829	2,862,419	<b>3,131,198</b>	268,779	<b>9.4%</b>
	2,5/3,2-4	2,405,104	2,504,029	2,002,419	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200,779	2.4%
Import tonnes							
Brisbane							
Crude Oil	7,271,591	7,717,419	7,864,876	8,350,646	8,521,016	170,370	2.0%
Gas	74,815	82,456	66,459	59,727	34,068	-25,659	-43.0%
Refined Oil	2,012,891	1,701,451	1,900,137	1,768,299	1,976,120	207,821	11.8%
Cairns							
Liquefied Petroleum Gas	20,572	16,893	15,021	16,369	15,912	-457	-2.8%
Petroleum Product	499,335	528,146	532,083	543,985	520,798	-23,187	-4.3%
Gladstone							
Fuel Oil Bunker	175,432	171,510	158,043	0	0	0	0.0%
Liquefied Petroleum Gas	11,801	10,390	12,027	11,518	8,598	-2,920	-25.4%
Liquid Pitch	45,572	47,786	50,603	43,088	49,831	6,743	15.6%
Petroleum Coke	203,603	217,971	203,369	207,949	216,629	8,680	4.2%
Petroleum Product	843,576	830,432	1,048,074	1,292,214	1,185,141	-107,073	-8.3%
Mackay							
Petroleum Product	923,405	1,044,895	1,256,756	1,448,406	1,403,749	-44,657	-3.1%
Rockhampton							
Petroleum Product	28,833	67,146	48,530	22,119	58,166	36,047	163.0%
Townsville							
Petroleum Products	1,016,206	941,103	1,111,296	1,112,244	1,087,606	-24,638	-2.2%
Weipa							01
Fuel	70,057	47,225	63,614	79,890	70,115	-9,775	-12.2%
Total imports	13,197,688	13,424,823	14,330,889	14,956,453	15,147,749	191,296	1.3%
			46 Ba =	4- 040 0		110	- <u>(</u> )/
Total throughput	15,576,902	15,890,007	16,835,718	17,818,872	18,278,947	460,075	2.6%

## Silica Sand

Silica sand (industrial sand) is high quality quartz sand deposited by natural processes. Queensland supplies a significant amount of Australia's exports of silica sand.

The major deposits of silica sand in Queensland are at Cape Flattery and Shelburne Bay on Cape York Peninsula, and on North Stradbroke, Bribie, Moreton and Fraser Islands. There are only two silica sand operators in Queensland, located at North Stradbroke Island and Cape Flattery, which export silica sand.

Most of Queensland's production is exported to Japan, Korea, Taiwan and the Philippines. Exports of silica sand from Queensland increased by 26.3% in 2013–14, which is 462,528 tonnes more than during the previous financial year.

Silica sand exports from Cape Flattery increased strongly despite the port being affected by Cyclone Ita in April 2014. Similarly, silica sand exports through Brisbane increased by 58.1%

Silica Sand Total Throughput 2.5 2.0 **Million tonnes** 1.5 2.2 1.0 1.9 1.9 1.8 0.5 0.0 2009–10 2010-11 2011-12 2012-13 2013-14 **Financial year** 

Exports Imports

### Silica Sand Trade Statistics

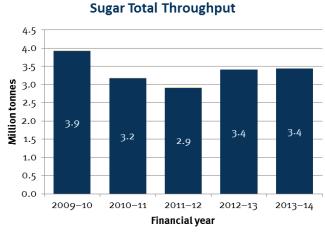
Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Variance	
						Amount	%
Export tonnes							
Brisbane							
Silica Sand	129,169	98,728	125,628	78,942	124,830	45,888	58.1%
Cape Flattery							
Silica Sand	1,730,060	2,026,120	1,777,000	1,678,060	2,094,700	416,640	24.8%
Total exports	1,859,229	2,124,848	1,902,628	1,757,002	2,219,530	462,528	26.3%
Total throughput	1,859,229	2,124,848	1,902,628	1,757,002	2,219,530	462,528	26.3%

## Sugar

The Australian raw sugar industry is one of the largest in the world, and is the second largest export crop in Australia. Each year around 70% of Australia's raw sugar production is exported to buyers overseas.

Queensland Sugar Limited manages a pooling arrangement for export sugar in Australia, handling the majority of the nation's raw sugar exports, and operating bulk terminals in Queensland. Sugar Australia is the largest domestic customer of Australian raw sugar and the largest exporter of Australian refined sugar.

In 2013–14 sugar exports from Queensland ports remained similar to 2012–13 at 3.4 million tonnes, with key destinations being Korea, Japan and Malaysia. While there were considerable decreases in exports from Cairns and Townsville due to adverse weather conditions, exports from Bundaberg increased by 69.4%, offsetting these declines.



Exports Imports

### **Sugar Trade Statistics**

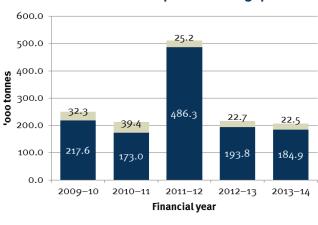
Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Variance	
						Amount	%
E							
Export tonnes Bundaberg							
Sugar	282.224	280.071	252,858	204,800	247.004	142 204	60 4%
Cairns	282,324	280,071	252,050	204,800	347,004	142,204	69.4%
	207.445	107.00/	457.000	197 000	470 747	16.006	0 -0/
Sugar	297,115	197,024	157,239	187,023	170,717	-16,306	-8.7%
Lucinda		,				,	0/
Sugar	583,351	404,694	0	424,103	521,249	97,146	22.9%
Mackay							
Refined Sugar	337,107	312,271	298,941	318,493	313,435	-5,058	-1.6%
Sugar	765,215	575,522	382,966	754,647	797,519	42,872	5.7%
Mourilyan							
Sugar	465,500	435,868	322,425	423,325	506,133	82,808	19.6%
Townsville							
Sugar	1,190,898	958,720	1,490,541	1,091,626	784,400	-307,226	-28.1%
Total exports	3,921,510	3,164,170	2,904,970	3,404,017	3,440,457	36,440	1.1%
Import tonnes							
Brisbane							
Sugar	25,000	25,000	26,067	0	0	0	0.0%
Total imports	25,000	25,000	26,067	0	0	0	0.0%
Total throughput	3,946,510	3,189,170	2,931,037	3,404,017	3,440,457	36,440	1.1%
iotat tinoughput	5,940,510	5,109,1/0	2,321,03/	5,404,01/	J,440,45/	50,440	1.170

## **Timber and Woodchip**

Timber and woodchip exports from Queensland are sourced mainly from the Caboolture and Maryborough regions. Japan is the principal destination for Australian woodchip, with China becoming an important export destination due to its rapidly expanding pulp and paper industry.

Timber and wood product imports are predominantly traded through Brisbane for use in the local building industry.

There was a 4.2% decrease in timber and woodchip throughput handled through Queensland ports during 2013–14. This was due largely to timber exports from Townsville ceasing, as salvageable plantation pine trees from Forestry Plantations Queensland sites were depleted by Cyclone Yasi. This was offset by woodchip exports from Brisbane increasing by 51.5%.



#### Timber and Woodchip Total Throughput

Exports Imports

### **Timber and Woodchip Trade Statistics**

Financial Year	2009–10	2010–11	2011–12	2012–13	2013–14	Variance	
						Amount	%
Export tonnes Brisbane							
		(					0/
Timber	779	632	75	559	1,883	1,324	237.0%
Woodchip	216,783	132,225	69,567	66,034	100,036	34,002	51.5%
Mackay							
Logs	0	40,114	46,803	0	0	0	0.0%
Mourilyan							
Timber	0	0	51,133	36,460	82,956	46,496	127.5%
Townsville							
Timber	0	0	318,696	90,700	0	-90,700	-100.0%
Total exports	217,562	172,971	486,273	193,753	184,875	-8,878	-4.6%
Import tonnes							
Brisbane							
Timber	32,272	39,406	25,182	22,717	22,455	-262	-1.2%
Total imports	32,272	39,406	25,182	22,717	22,455	-262	-1.2%
Total throughput	249,834	212,377	511,455	216,470	207,330	-9,140	-4.2%

# **Port contact information**

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North Queensland Bulk Ports Corporation Limited PO Box 3340 North Mackay Qld 4740 Telephone: 1300 129 255 Facsimile: (07) 4969 0799 www.nqbp.com.au

Far North Queensland Ports Corporation Limited (trading as Ports North) PO Box 594 Cairns Qld 4870 Telephone: (07) 4052 3888 Facsimile: (07) 4052 1493 www.cairnsports.com.au









PORT of TOWNSVILLE Nexus North Queensland