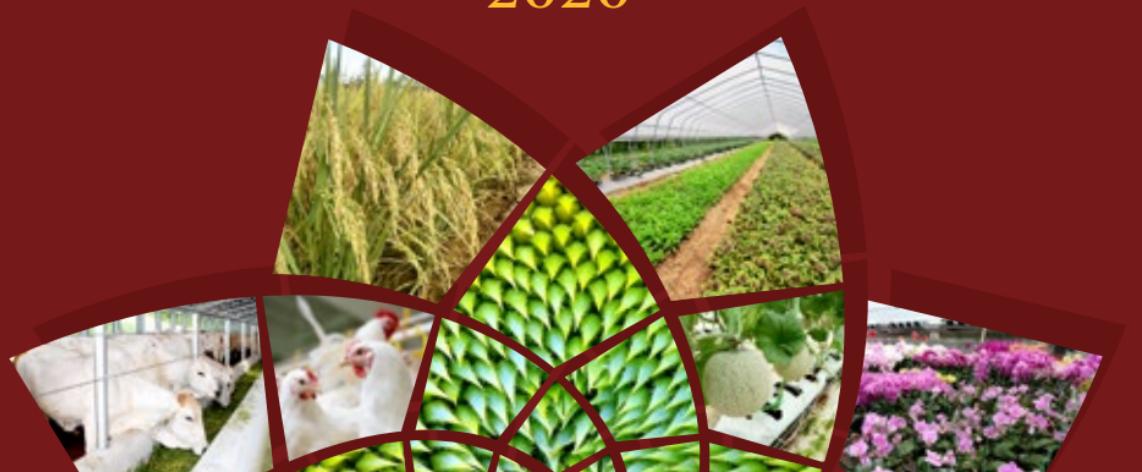




Brunei Darussalam
Agriculture & Agrifood
Statistics in Brief
2020



First Publication. 2021. JP/BPPA/01/2021



PREFACE

The year 2020 has been a challenging year for Brunei Darussalam and globally due to the outbreak of Coronavirus with many sectors and industries affected, and Agriculture and Agrifood Sector is no exception. Alhamdulillah, our country managed to contain this challenge as a result of concerted efforts by relevant parties, including entrepreneurs in the primary resources sector in terms of increasing food production, as well as the involvement and cooperation of all with the 'whole of nation' approach.

Despite the challenges faced in 2020, the Department of Agriculture and Agrifood has successfully conducted new programs and improvement efforts to increase production in the agricultural sector, such as the introduction of the Pasar Kitani Program which is to help our local farmers market their products, as well as the Underground Water Resources Project for irrigation at KKP Lot Sengkuang, Mukim Labi Kuala Belait, which is intended to explore alternative water resources in the area of rice cultivation to help paddy farmers in that area.

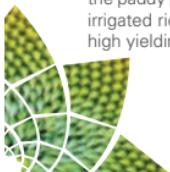
The agriculture sector has also recorded the highest ever production this year for broiler with production of more than 26,000 metric tonne (Mt), and paddy production yield almost 4,000 Mt, this will not be achieved without the full cooperation of all our local entrepreneurs. One of the factors contributing to the increase in paddy production is the increase in the cultivation area of high yielding hybrid variety, it is hoped that the paddy production will continue to rise in near future as more irrigated rice production areas will shift towards planting these high yielding varieties.

The statistical data this year has shown positive growth, the gross output of the agriculture and agrifood sector for 2020 has increased 9.94% valued at B\$470.86 million, of which B\$267.17 million comes from the livestock industry; B\$53.46 million from the crop industry; and B\$150.23 million from the agrifood processing industry. It is hoped that continuous growth will be able to support the country's goals and aspirations to increase the level of self-sufficiency and food security in the country.

The Department would like to convey its sincere appreciation to all relevant officers and staff of the Department of Agriculture and Agrifood (DOAA) for their continuous assistance and support in providing the relevant data. The Department will continue to improve this publication from time to time in line with the increasing demand and current statistical development. Comments and suggestions for further improvements on the contents and tabulation specifications in this publication are most welcome.

DAYANG HAJAH MASLIANA YULIAH ABDULLAH

Acting Director of Agriculture and Agrifood
Ministry of Primary Resources and Tourism
Brunei Darussalam





AGRICULTURE AT A GLANCE

Agriculture is the science of farming, including cultivation of the soil for the growing of crops and the rearing of animals to provide food and other products and it is one of the main and most important contributing sectors to the economic diversification of Brunei Darussalam. The growth and development of agricultural industries will contribute towards the Brunei Vision 2035 goal which is to achieve dynamic and sustainable economy.

In ensuring the security of food supply and enhance economic contribution to Gross Domestic Product (GDP), Brunei Darussalam places much importance in agriculture and agrifood development. In this respect, DOAA actively promotes development of various agricultural commodities as well as facilitating the outsourcing of raw materials and food supply.

The gross output value of the agriculture and agrifood sector for the period of 2016 to 2020 has seen an increased by

14.1 per cent, that is, an increase of B\$412.74 million in 2016 to B\$470.86 million in 2020. The major contribution comes from the Livestock Industry, which account for about 57 per cent of the total gross output of the agriculture and agrifood sector, followed by Agrifood Industry about 32 per cent and Crop Industry about 11 per cent.

It is hoped that the growth outlook of the agriculture and agrifood sector in 2020 onwards will continue to grow. DOAA will continue to ensure that the growth of this sector will remain positive by ensuring strategies and initiatives to boost production and productivity are continued to be implemented, such as through the implementation of the Agriculture Pilot Project, Contract Farming for youth, Business Expansion Program, Local Market Facilitation, Export Market Facilitation, as well as opening up of new areas for crops, livestock and paddy production.





THE DEPARTMENT OF AGRICULTURE AND AGRIFOOD

Agriculture and Agrifood are the major source of the primary resources and agrifood processing based on agriculture sectors which contributes to the growth of GDP, Export and Economic Diversification.

Aligned with the Ministry of Primary Resources and Tourism's Strategic Plan 2020 - 2022, it is expected that Agricultural productions will increase exponentially whereby the Livestock and Crop Industry will be the main contributor followed by the increase in Agrifood Processing Industry. In effort to further develop the agriculture sector, especially in livestock and crop production, the DOAA is encouraging the involvement of local and foreign investors and increasing access to local and export market.

The strategic thrust of the Department of Agriculture and Agrifood are:-

Growth

"...in the last few years, the growth of Gross Domestic Product (GDP) has slowed down which requires us to double domestic production, especially in the non-oil and gas sector".

(Excerpt from His Majesty's New Year 2016 Titah)



Export

"It is important to remember that having a small domestic market is not an excuse for slow production growth and every company, whether private or government-owned, should be capable of trading/exporting their products and services outside the country." .

(Excerpt from His Majesty's New Year 2016 Titah)



Productivity

"...the country's economic growth can be stimulated by giving priority to research and the use of latest technology".

(Excerpt from His Majesty's New Year 2016 Titah)



Sustainable

MPRT will also ensure that in the implementation of strategies and programs to increase the production of agriculture, fisheries, forestry and tourism, using other measures such as public-private partnership (PPP) and foreign direct investments (FDI), in order to reduce reliance on Government.





● **OUR VISION**

Towards Increasing Production on Agriculture and Agrifood Based Industries through Increasing Productivity And High Technology Oriented For Domestic and Export Market



OUR MISSION

To Stimulate The Growth of Agriculture and Agrifood-Based Industry through High-Technology and Export, Encouraging Progressive Involvement of Local and Foreign Direct Investment, while focusing on High-Value Production including the Primary and Processing Industries



Gross Output of Agricultural Production 2020

(BND Million)

Livestock 267.17

Crops 53.46

Agrifood
Processing 150.23

Total: 470.86

Gross Domestic Product 2020

By Economics Activities
at current Prices

(BND Million)

Vegetables,
fruits & other
agriculture

22.15

Livestock &
poultry

69.21

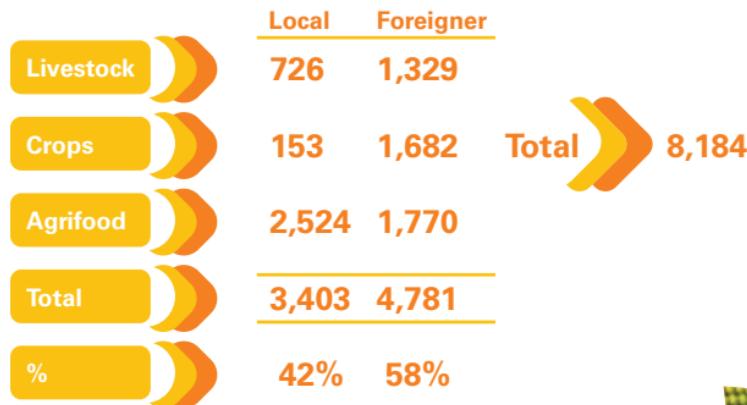
Total: 91.36



Agriculture / Agrifood Farmers & Entrepreneurs

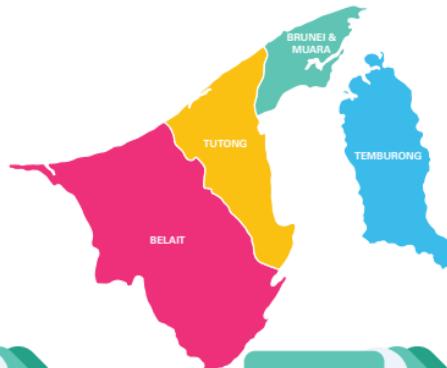


Agriculture Labour Force



DEVELOPED AGRICULTURAL LAND 2020

(Hectares)



Brunei & Muara	Crops	1,507.86	Livestock	1,695.51
Tutong	Crops	1,357.08	Livestock	1,145.73
Belait	Crops	1,549.43	Livestock	193.23
Temburong	Crops	827.83	Livestock	1,744.07
Total		5,242.20		4,778.53
Total Overall		10,020.73		

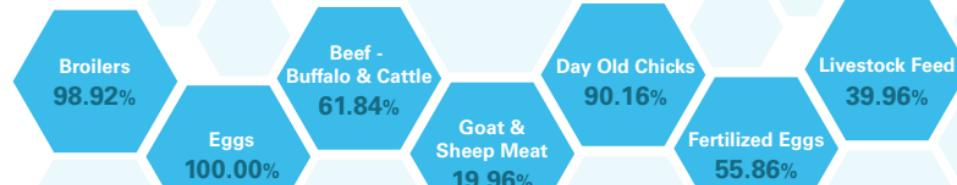
NOTE: Area include Agricultural Development Area (ADA) / Kawasan Kemajuan Pertanian (KKP), Existing Area (Ladang Sedia Ada) – Extract From District Register (EDR) & Temporary Occupation License (TOL), Young Farmer Area (Penempatan Peladang Muda) and Rural Agricultural Area (RAA) / Kawasan Pertanian Luar Bandar (KPLB).



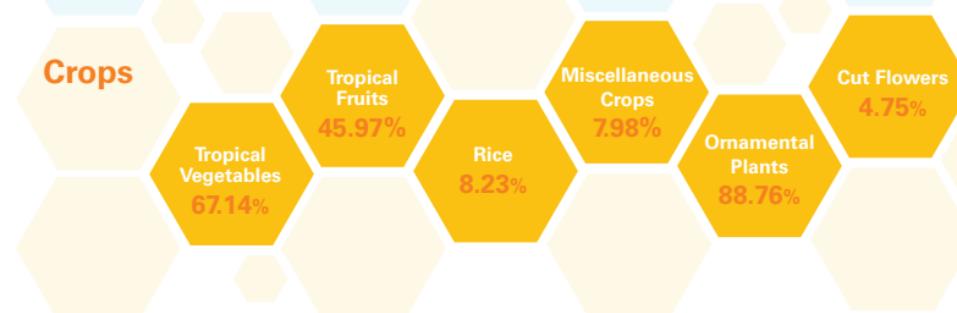


RATE OF SELF-SUFFICIENCY 2020

Livestocks



Crops





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AGRICULTURE AND AGRIFOOD IN BRIEF 2020

Developed Agricultural Land

Livestock:	4,778.53	ha
Crops:	5,242.20	ha
Total: 10,020.73 ha		

Agriculture/Agrifood Farmers & Entrepreneurs

Livestock:	794	Entrepreneurs
Crops:	3,756	Entrepreneurs
Agrifood:	377	Entrepreneurs
Total: 4,957 Entrepreneurs		

Brunei Population : 459,500 Persons

Note :

1. Area include Agricultural Development Area (ADA) / Kawasan Kemajuan Pertanian (KKP), Existing Area (Ladang Sedia Ada) – Extract From District Register (EDR) & Temporary Occupation License (TOL), Young Farmer Area (Penempatan Peladang Muda) and Rural Agricultural Area (RAA) / Kawasan Pertanian Luar Bandar (KPLB).
2. Brunei Population – Report of The Mid-Year Population Estimates 2019 (Source : Department of Economic Planning and Statistics)

Gross Output of Agricultural Production

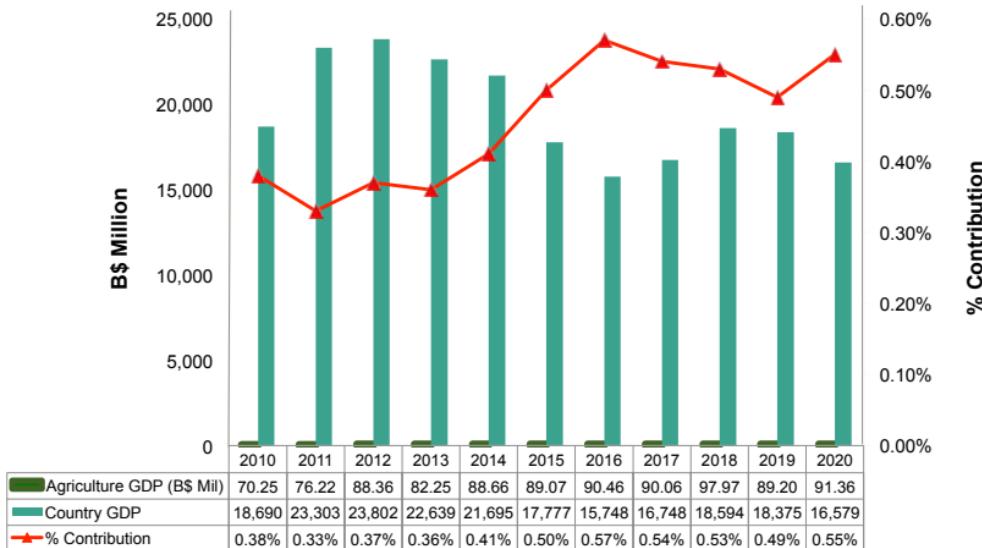
Livestock:	\$267.17	million
Crops:	\$53.46	million
Agrifood Processing:	\$150.23	million
Total: \$470.86 million		

Agricultural Labour Force

Livestock:	2,055	Persons
Crops:	1,835	Persons
Agrifood:	4,294	Persons
Total: 8,184 Persons		



AGRICULTURE GDP

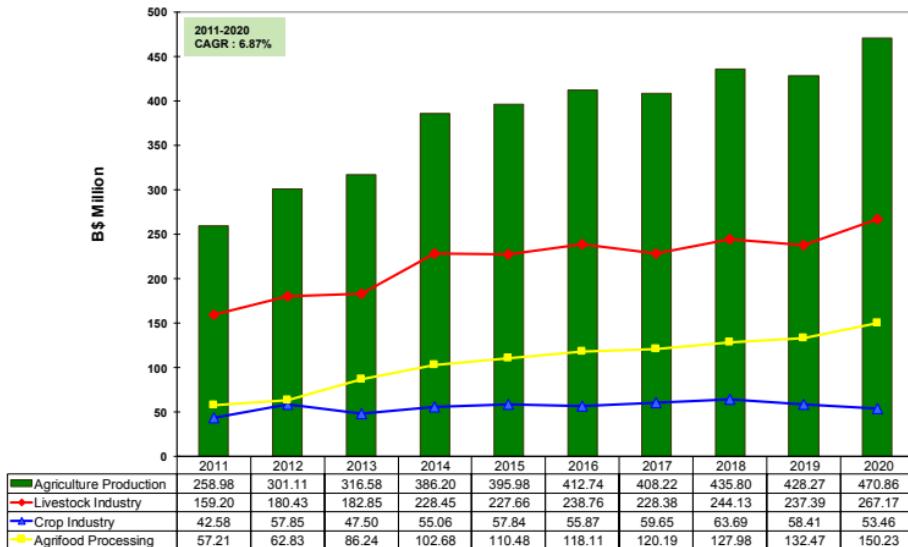


Note:

1. GDP for year 2020 is preliminary estimates and data calculated by using "base year 2010"
2. Source: Department of Economic Planning and Statistic



AGRICULTURAL GROSS OUTPUT AT CURRENT PRICE 2011 - 2020



Note:

1. CAGR - Compound Annual Growth Rate
2. Data of slaughtered domestic and imported ruminants are consolidated due to their activities which had taken place in the country.





RENTAL RATE FOR AGRICULTURAL DEVELOPMENT AREAS

NO	COMMERCIAL AGRICULTURAL ACTIVITIES	RENTAL RATE (\$/Ha/Year)
1	Goat	\$5.00
2	Deer	\$5.00
3	Buffalo & Cattle	\$5.00
4	Paddy	\$12.50
5	Vegetable	\$25.00
6	Sugar Cane Planting	\$25.00
7	Fruit	\$25.00
8	Nursery (Floriculture, Grass & etc)	\$50.00
9	Tissue Culture	\$50.00
10	Poultry	\$100.00
11	Duck	\$100.00
12	Hatchery	\$100.00
13	Abattoir and Feedlot	\$125.00
14	Agri-Mart	\$500.00

Source :

Agricultural Development Area Unit, Department of Agriculture and Agrifood





AGRICULTURAL DEVELOPMENT AREAS 2021 BY DISTRICTS

NO	DISTRICT	GAZETTED AREA (Ha)	ALLOCATED AREA TO FARMERS (Ha)	STATIONS / OTHER USED (Ha)
1	Brunei & Muara	2,777.12	1,677.49	480.71
2	Tutong	1,887.07	526.33	276.45
3	Belait	1,514.25	874.37	271.62
4	Temburong	2,064.84	181.67	633.9
TOTAL		8,243.28	3,259.86	1,661.77

Source:

Agricultural Development Area Unit, Department of Agriculture and Agrifood.
Updated as of February 2021

Note:

Agricultural Development Areas (ADA) / Kawasan Kemajuan Pertanian (KKP)

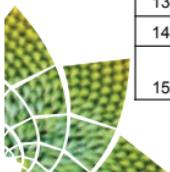


AGRICULTURAL DEVELOPMENT AREAS

BRUNEI & MUARA DISTRICT



NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTED AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Mulaut (Bengkel)	29.65	11.30	14.60	Vegetables, Fodder, Hatchery & Workshop
2	KKP HBC Rimba	33.65	10.90	19.00	Agriculture Station, Floriculture & Agrimart
3	KKP Limpaki	231.80	89.00	53.00	Agriculture Station, Fruits, Vegetables, Miscellaneous Crop, Floriculture, Paddy Nursery, Feedlot, Goat, Slaughterhouse, Cold Storage & Poultry
4	KKP Luahan	2.00	1.60	0.00	Floriculture
5	KKP Lumapas	10.78	2.50	2.70	Agriculture Station, Fruit & Miscellaneous Crops
6	KKP Mentiri	10.66	3.30	7.00	Floriculture, Vegetables & Hatchery
7	KKP Mulaut	0.50	0.00	0.50	Agriculture Station
8	KKP Pangkalan Batu	3.73	3.73	0.00	Fruits and Processing
9	KKP Tanah Jambu	43.50	25.00	18.50	Fruits and Integrated Crop
10	KKP Terunjing	2.53	0.00	2.53	Veterinary Clinic & Post-border Quarantine
11	KKP Tungku	233.97	93.82	3.50	Agriculture Station, Fruits, Vegetables & Floriculture
12	KKP Wasan	476.00	320.01	110.29	Paddy, Paddy Nursery, Slaughterhouse & Farm Machinery Services
13	KKP Batong	147.00	49.00	89.00	Paddy & Floriculture
14	KKP Bebuloh	204.36	125.72	0.00	Paddy
15	KKP Betumpu	484.94	367.30	50.00	Fruits, Vegetables, Miscellaneous Crop, Poultry, Goats, Fodder, Holding Yard, Feedlot, Slaughterhouse, Agrimart.





AGRICULTURAL DEVELOPMENT AREAS BRUNEI & MUARA DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTED AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
16	KKP Kilanas (Brunei Agricultural Research Centre (BARC))	24.08	12.40	8.68	Vegetables & Integrated Crops
17	KKP Luahan (PP)	73.33	73.33	0.00	Integrated Crops, Fruits, Vegetables, Miscellaneous Crop, Poultry, Ducks & Goats
18	KKP Lumapas	38.86	27.11	3.00	Vegetables, Miscellaneous Crop & Integrated Crops
19	KKP Masin	93.25	93.25	0.00	Poultry & Processing
20	KKP Panchor Murai	165.00	165.00	0.00	Paddy
21	KKP Putat	0.88	0.88	0.00	Vegetables
22	KKP Sibongkok A (SiBongkok Parit)	128.00	72.00	6.00	Fruits, Vegetables, Integrated Crops & Poultry
23	KKP Sibongkok B (SiBongkok Batong)	141.00	34.00	69.50	Fruits, Vegetables & Floriculture
24	KKP Sungai Tajau	116.69	47.75	15.00	Vegetables, Miscellaneous Crop, Integrated Crop, Poultry, Goats & Fodder & Slaughterhouse
25	KKP Tanah Tuah	71.96	39.59	7.91	Poultry, Layer, Goats & Integrated Farming
26	KKP Tanjung Nangka	9.00	9.00	0.00	Fruits & Poultry
TOTAL		2,777.12	1,677.49	480.71	

Note:

Agricultural Development Areas (ADA) / Kawasan Kemajuan Pertanian (KKP)



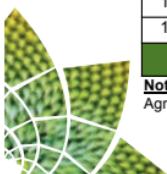
AGRICULTURAL DEVELOPMENT AREAS TUTONG DISTRICT



NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTED AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Birau (Research Station)	198.70	54.35	130.00	Fruits, Vegetables, Poultry, Hatchery & Agriculture Station
2	KKP Bang Nukat GP. 133	0.32	0.00	0.32	Agriculture Station
3	KKP Bang Nukat GP. 400	2.02	0.00	2.02	Agriculture Station
4	KKP Batang Mitus Buah	516.00	87.00	27.00	Fruits and Miscellaneous Crop
5	KKP Batang Mitus Halaman	588.70	98.19	0.00	Hatchery, Goats, Feedlot & Slaughterhouse
6	KKP Sinaut	54.90	39.30	12.30	Fruits, Vegetables, Floriculture, Miscellaneous Crop & Integrated Crops
7	KKP Supon Besar	0.81	0.00	0.81	Agriculture Station
8	KKP Birau (PP)	100.99	52.00	0.00	Poultry, Hatchery & Vegetables
9	KKP Kupang	59.99	59.99	0.00	Fruits, Vegetables & Integrated Crops
10	KKP Maraburong	196.84	20.00	76.00	Fruits, Vegetables, Poultry & Goats
11	KKP Padhunok/ Sungai Burong, Kiudang	113.00	95.00	18.00	Poultry & Deer
12	KKP Sungai Paku	30.00	20.00	10.00	Breeder
13	KKP Tanjung Maya	24.30	0.00	0.00	Agriculture Station
14	KKP Ukong	0.50	0.50	0.00	Processing
TOTAL		1,887.07	526.33	276.45	

Note:

Agricultural Development Areas (ADA) / Kawasan Kemajuan Pertanian (KKP)



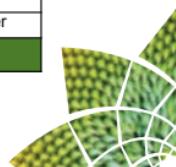


AGRICULTURAL DEVELOPMENT AREAS BELAIT DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTED AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Buau	1.99	0.00	1.99	Agriculture Station
2	KKP Bukit Sawat	2.00	0.00	2.00	Agriculture Station
3	KKP Kenapol	3.01	0.00	3.01	Agriculture Station
4	KKP Sungai Liang	9.71	4.62	0.90	Fruits, Vegetables & Integrated Crops
5	KKP Tanjong Sudai	1.92	0.00	1.92	Agriculture Station
6	KKP Kandol	710.00	500.00	210.00	Paddy
7	KKP Labi lama	50.00	37.00	0.00	Fruits & Integrated Crops
8	KKP Lilas	14.61	11.05	0.00	Fruits, Vegetables, Feedlot & Goats
9	KKP Lot Sengkuang A	45.00	0.00	45.00	Paddy
10	KKP Merangking	484.00	214.00	0.00	Fruits, Miscellaneous Crops & Goats
11	KKP Mumong	21.19	12.00	0.00	Fruits & Miscellaneous Crops
12	KKP Rampayoh	120.82	52.50	0.00	Fruits, Vegetables, Miscellaneous Crops, Poultry & Goats
13	KKP Sungai Petai	50.00	43.20	6.80	Poultry, Layer & Fodder
TOTAL		1,514.25	874.37	271.62	

Note:

Agricultural Development Areas (ADA) / Kawasan Kemajuan Pertanian (KKP)



AGRICULTURAL DEVELOPMENT AREAS TEMBURONG DISTRICT



NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTED AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Bakarut	137.00	20.00	45.00	Fruits
2	KKP Perdayan	59.98	20.00	23.00	Fruits & Agricultural Station
3	KKP Puni	1.95	0.00	1.95	Agriculture Station
4	KKP Selangan	55.59	38.00	10.00	Fruits, Floriculture & Integrated Crops
6	KKP Semabat	250.30	25.00	0.00	Fruits
7	KKP Labu Estate	99.94	78.67	7.24	Fruits, Vegetables & Poultry
8	KKP Lekiuun	999.95	0.00	441.00	Paddy
9	KKP Selapon A	79.98	0.00	27.70	Fruits
10	KKP Selapon B	292.05	0.00	43.00	Fruits & Paddy
11	KKP Senukoh A	56.10	0.00	34.10	Paddy
12	KKP Senukoh B	32.00	0.00	0.00	Fruits & Paddy
TOTAL		2,064.84	181.67	632.99	

Note:
Agricultural Development Areas (ADA) / Kawasan Kemajuan Pertanian (KKP)





RURAL AGRICULTURAL AREA (RAA) BRUNEI & MUARA DISTRICT

NO	RURAL AGRICULTURAL DEVELOPMENT	GAZETTED AREA (Ha)	AWARDED / CULTIVATED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1.	KPLB Bukit Pawas, Kg Lumapas	99.00	30.00	10.00	Fruits
2.	KPLB Kulapis	32.00	32.00	0.00	Fruits
3.	KPLB Masin A	42.09	42.09	0.00	Fruits
4.	KPLB Pengkalan Batu	43.97	43.97	0.00	Fruits
5.	KPLB Tempayan Pisang	34.39	34.39	0.00	Fruits
TOTAL		251.45	182.45	10.00	

Note :

The only gazetted Rural Agricultural Area (RAA) / Kemajuan Pertanian Luar Bandar (KPLB) area under Department of Agriculture & Agrifood

Source :

Agricultural Development Area Unit, Department of Agriculture and Agrifood



Livestock Industry





SUMMARY OF THE LIVESTOCKS INDUSTRY DEVELOPMENT 2020

AGRICULTURE COMMODITY	LOCAL		IMPORT		TOTAL	SELF-SUFFICIENCY
	Quantity	Retail Value (\$mil)	Quantity	CIF Value (\$mil)		
Broilers (mt)	26,364.82	114.00	287.98	0.98	26,652.80	98.92%
Eggs (mil eggs)	171.93	26.89	0.00	0.00	171.93	100.00%
Beef – Buffalo & Cattle (mt)	2,148.75	42.16	1,326.02	7.72	3,474.77	61.84%
Goat & Sheep Meat (mt)	76.25	1.557	305.78	2.81	382.02	19.96%
Day Old Chicks (mil heads)	17.52	21.03	1.91	1.56	19.44	90.16%
Fertilized Eggs (mil egg)	10.87	8.70	8.59	4.97	19.46	55.86%
Miscellaneous Livestock (mt)	519.14	2.96	n/a	n/a	n/a	n/a
Livestock Feed (mt)	63,368.20	49.88	95,210.50	47.01	158,578.70	39.96%
TOTAL	267.17		65.05			

Note :

CIF – Cost, Insurance and Freight



LIVESTOCK LAND AREAS 2020



COMMODITIES	BRUNEI & MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Ha)
Broiler (Chicken Meat)	171.37	25.18	95.16	2.40	294.11
Layer (Egg)	76.12	18.60	0.00	0.00	94.72
Day Old Chicks	17.00	0.00	57.19	0.00	74.19
Fertilized Eggs					
Buffalo	1,024.85	16.37	741.25	1,026.67	2,809.14
Cattle	20.08	31.24	87.29	281.70	420.31
Goats	115.19	66.66	96.57	192.00	470.42
Deer	18.25	0.00	14.00	17.00	49.25
Sheep	103.69	28.76	0.00	216.40	348.85
Livestock Feed	7.70	0.00	0.00	0.00	7.70
Miscellaneous Livestock	112.26	6.42	4.52	4.70	127.89
Slaughtering Centers	29.00	0.00	49.75	3.20	81.95
TOTAL (Ha)	1,695.51	193.23	1,145.73	1,744.07	4,778.53

Note :

Area include Agricultural Development Area (ADA) / Kawasan Kemajuan Pertanian (KKP), Existing Area (Ladang Sedia Ada) – Extract From District Register (EDR) & Temporary Occupation License (TOL) and Young Farmer Area (Penempatan Peladang Muda)





LIVESTOCK ENTREPRENEURS 2020

AGRICULTURE COMMODITY	BRUNEI & MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Entrepreneurs)
Broilers	31	4	13	3	51
Eggs	2	4	0	0	6
Day Old Chicks	3	0	3	0	6
Fertilized Eggs					
Buffalo	95	7	116	15	233
Cattle	18	14	21	4	57
Goats	177	34	71	11	293
Deer	7	0	5	1	13
Sheep	9	4	0	11	24
Miscellaneous Livestock	26	5	11	40	82
Livestock Feed	7	0	0	0	7
Slaughtering Centers	14	1	4	3	22
Total (Entrepreneurs)	389	73	244	88	794



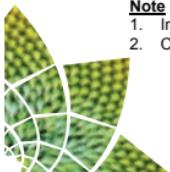


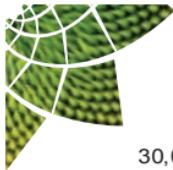
BROILER INDUSTRY 2020

Total Consumption	26,652.8	mt	
Retail Value (B\$)	115.13	million	
Per Capita Consumption (kg/yr)	58.0	kg	
Local Production	26,364.8	mt	Import (Chilled & Frozen) *
Retail Value (B\$)	114.00	million	CIF Value (B\$)
Self-Sufficiency	98.9	%	Est. Retail Value (B\$)
<i>(not included process product)</i>			Percentage Import
			288.0 mt
			0.98 million
			1.13 million
			1.1 %
Total Day Old Chick	19,436,986	birds	Average Retail Price (B\$)
Local	17,523,486	birds	Whole Chicken
Import	1,913,500	birds	4.32 /kg
Price Per Chick (B\$)	1.20	/bird	
			Average CIF Price (B\$)
			Part
			4.78 /kg
			Further Process
			3.27 /kg
No. of Slaughter Broiler	17,576,547	birds	
Mortality Rate	8.3	%	
Average Growth Period	5	weeks	Brunei Population
Average Dressed Weight (kg)	1.50	/bird	459,500 persons
No of Entrepreneurs	51	persons	

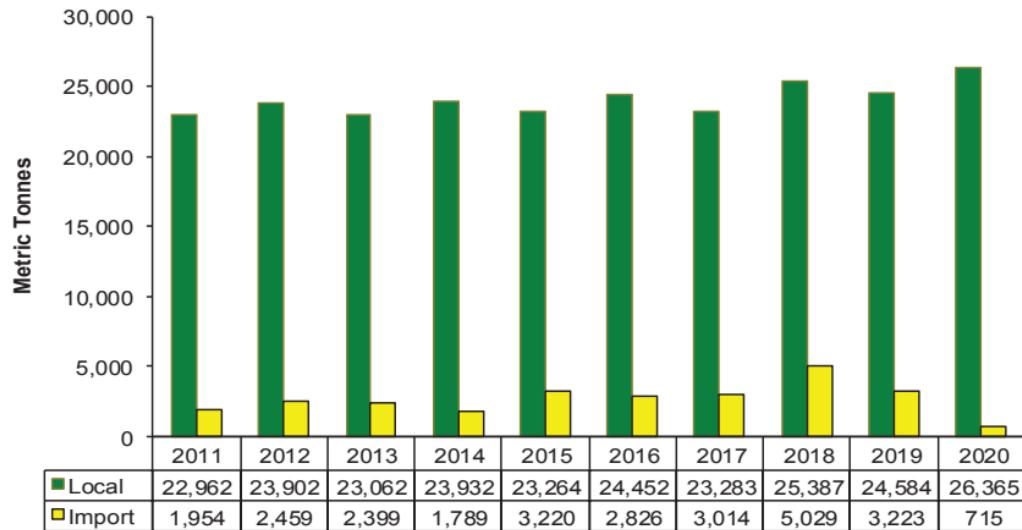
Note :

1. Imports includes part and for further process only (not including processed products).
2. CIF – Cost, Insurance and Freight





BROILER INDUSTRY 2011 – 2020



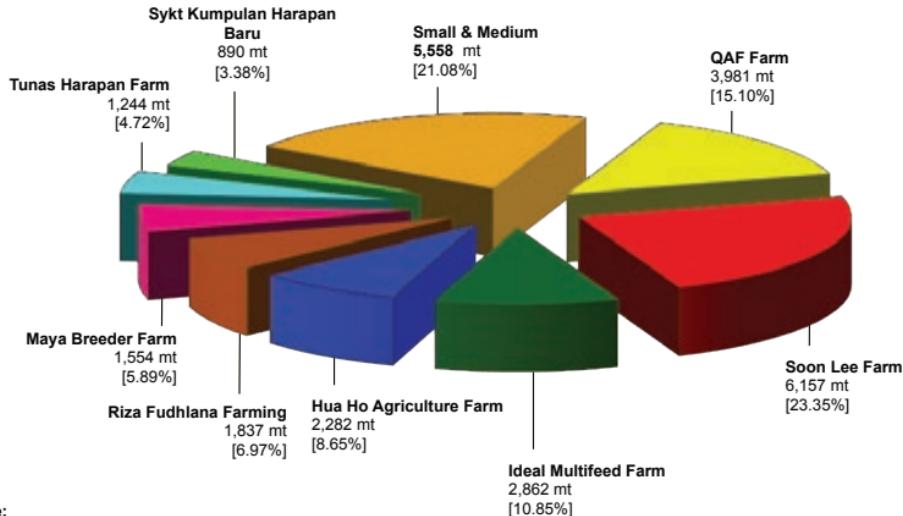
Note :

Imports includes whole, part, for further and process product.





PRIVATE SECTOR CONTRIBUTION TO BROILER PRODUCTION 2020 (CHICKEN MEAT)



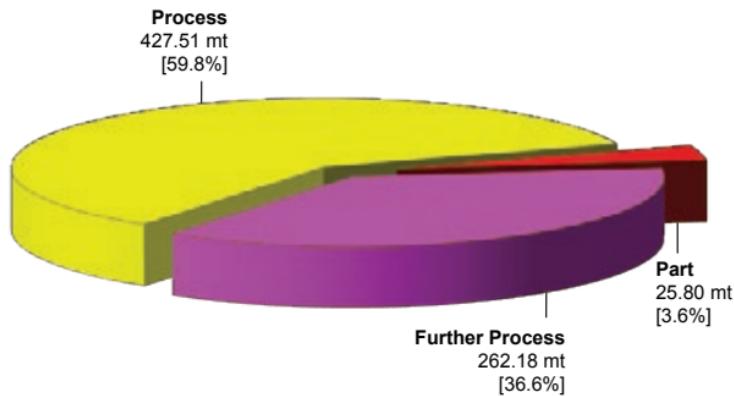
Note:

Market Size: 26,364.8 mt (B\$114.00 million)
Large-Scale Company 78.92%
Small & Medium Company 21.08%





IMPORT OF CHICKEN MEAT (CHILLED & FROZEN) BY CATEGORY 2020



Note :

Import from Malaysia





EGGS INDUSTRY 2020

Total Consumption 171.93 mil eggs
Retail Value (B\$) 26.89 million
Per Capita Consumption (egg/yr) 374 eggs

Local Production	171.93 mil eggs	Average Retail Price (B\$)	0.16 /egg
Retail Value (B\$)	26.89 million		
No. of Layer	1.16 mil birds	Area	107.66 ha
Self-Sufficiency	100.0 %	Brunei Population	459,500 persons

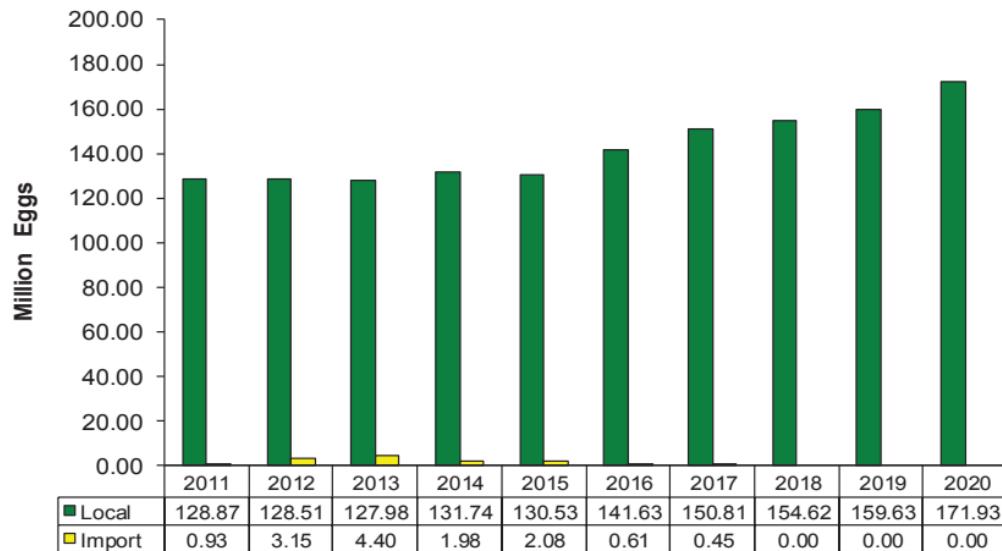
LOCAL PRODUCTION

DISTRICT	QUANTITY (Mil. Eggs)	RETAIL VALUE (B \$ Mil)	QUANTITY PERCENTAGE (%)	NO OF FARMS
Brunei & Muara	92.50	14.62	53.8	2
Belait	79.43	12.27	46.2	3
TOTAL	171.93	26.89	100.0	5

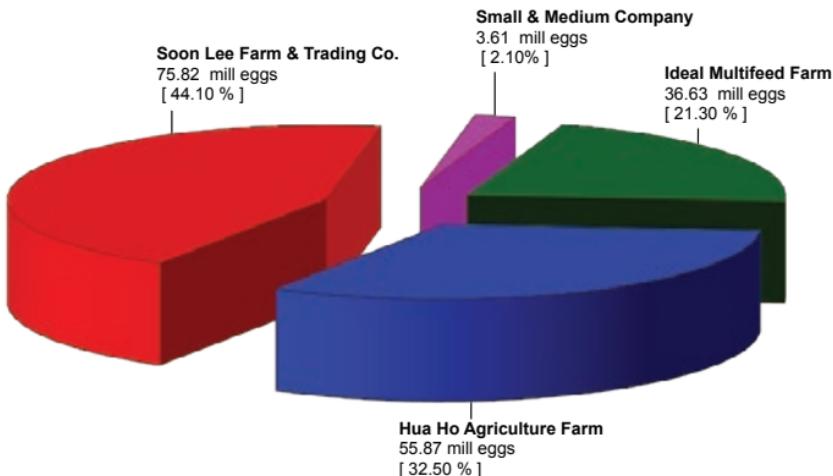




EGGS INDUSTRY 2011 – 2020



PRIVATE SECTOR CONTRIBUTION IN EGGS PRODUCTION 2020



Note :

Market Size:

Large-Scale Company

Small & Medium Company

171.93 million eggs (B\$26.89 million)

98%

2%





DAY OLD CHICKS (DOC) INDUSTRY 2020

Total Consumption	19.44 mil birds
Retail Value (B\$)	23.32 million
Local Production	17.52 mil birds
Retail Value (B\$)	21.03 million
Self-Sufficiency	90.2 %
Price Per Chick (B\$)	1.20 /bird
Import	1.91 mil birds
CIF Value (B\$)	2.30 million
Retail Value (B\$)	1.56 million
Percentage Import	9.8 %

LOCAL PRODUCTION

DISTRICT	QUANTITY (Mil. Birds)	RETAIL VALUE (B\$ Mil.)	QUANTITY PERCENTAGE (%)
Brunei & Muara	6.13	7.35	35.0
Tutong	11.40	13.67	65.0
TOTAL	17.52	21.03	100.0

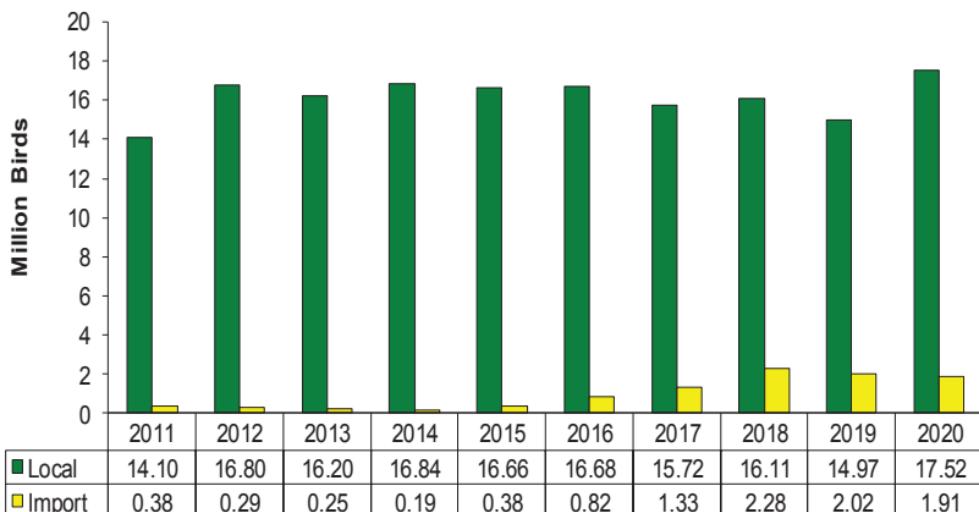
Note :

CIF – Cost, Insurance and Freight



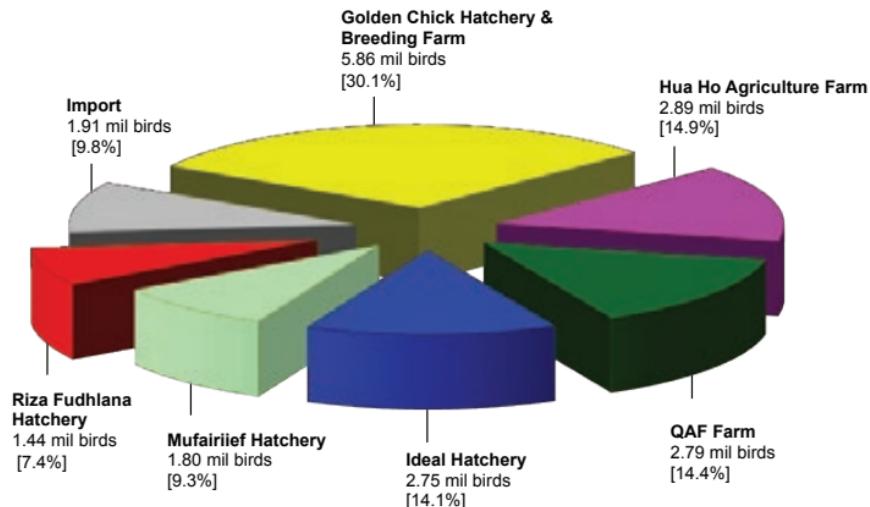


DAY OLD CHICKS (DOC) INDUSTRY 2011 – 2020





PRIVATE SECTOR CONTRIBUTION IN DAY OLD CHICKS PRODUCTION 2020



Note:

Market Size: 19.44 million birds (B\$23.32 million)
Local Production 90.2 %
Import 9.8 %





FERTILIZED EGGS INDUSTRY 2020

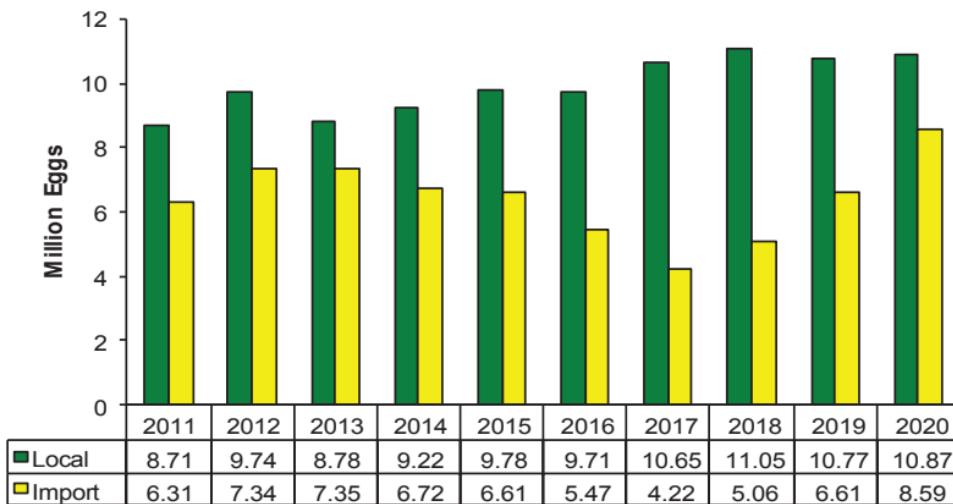
	Total Consumption Retail Value (B\$)	19.46 mil eggs 15.57 million	
Local Production	10.87 mil eggs	Import	8.59 mil eggs
Retail Value (B\$)	8.70 million	CIF Value (B\$)	4.97 million
Self-Sufficiency	55.9 %	Retail Value (B\$)	6.87 million
No. of Layer	117,057 birds		
Average Retail Price (B\$) 0.80 /egg		Percentage Import	44.1 %

Note :
CIF – Cost, Insurance and Freight



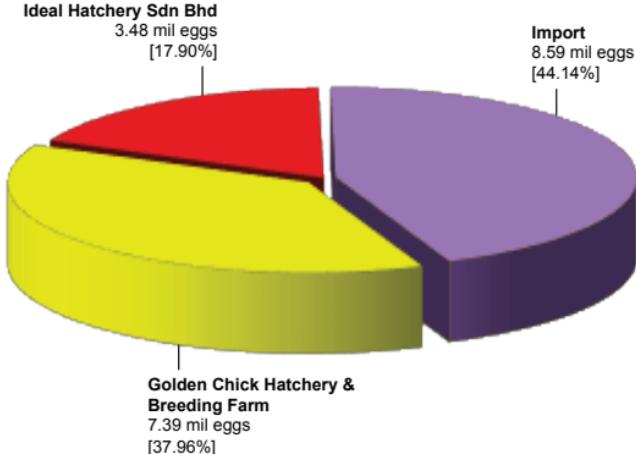


FERTILIZED EGGS INDUSTRY 2011 – 2020





PRIVATE SECTOR CONTRIBUTION TO FERTILIZED EGGS PRODUCTION 2020

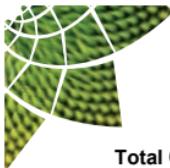


Note:

Market Size:
Local Production
Import

19.46 mil eggs (B\$15.57 million)
55.9 %
44.1 %



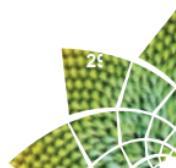


BEEF INDUSTRY 2020

Total Consumption	3,474.77 mt	Retail Value (B\$)	59.96 million
Buffalo	1,413.33 mt	Buffalo (B\$)	14.48 million
Cattle	2,061.45 mt	Cattle (B\$)	45.48 million
Per Capita Consumption		7.6 kg/yr	
Slaughtered Livestock *	9,708 heads	Import (Chilled & Frozen) **	1,326.02 mt
Dressed Weight	2,148.75 mt	CIF Value (B\$)	7.72 million
Retail Value (B\$)	42.16 million	Retail Value (B\$)	17.80 million
Self-Sufficiency	61.84 %	Percentage Import	38.16 %
Average Retail Price (B\$)		Total Import (Live) ***	9,531 heads
Buffalo Meat (B\$)	12.10 /kg	CIF Value (B\$)	13.52 million
Cattle Meat (B\$)	21.94 /kg	Brunei Population	
			459,500 Persons

Note :

1. Data of slaughtered domestic & imported ruminants are consolidated due to their activities which had taken place in the country.
2. * - Live buffalo & cattle that slaughtered for year 2020
3. ** - Import (Chilled & Frozen) only part & for further process (not included processed product)
4. *** - Total overall live buffalo & cattle imported to Brunei for the year 2020
5. CIF – Cost, Insurance and Freight





SUMMARY OF BEEF INDUSTRY 2020

TYPE OF LIVESTOCK	LOCAL (LIVE)				
	Quantity (Head)	Live Weight (Kg)	Dressing (%)	Dressed Weight (Mt)	Retail Value (B\$ Mil)
Buffalo	283	99,050	50	49.53	0.49
Cattle	137	34,250	50	17.13	0.37
TOTAL	420	133,300		66.65	0.86

TYPE OF LIVESTOCK	IMPORT LIVE BUFFALO & CATTLE (SLAUGHTERED)				
	Quantity (Head)	Live Weight (Kg)	Dressing (%)	Dressed Weight (Mt)	Retail Value (B\$ Mil)
Buffalo	1,778	711,200	52	369.82	4.01
Cattle	7,510	2,853,800	60	1,712.28	37.28
TOTAL	9,288	3,565,000		2,082.10	41.30

TYPE OF LIVESTOCK	IMPORT (CHILLED & FROZEN) – PART & FOR FURTHER PROCESS			
	Quantity (Mt)	C.I.F Value (B\$ Mil)	C.I.F Price (B\$/Kg)	Retail Value (B\$ Mil)
Buffalo	993.98	5.32	5.35	9.98
Cattle	332.04	2.40	7.23	7.82
TOTAL	1,326.02	7.72	5.82	17.80

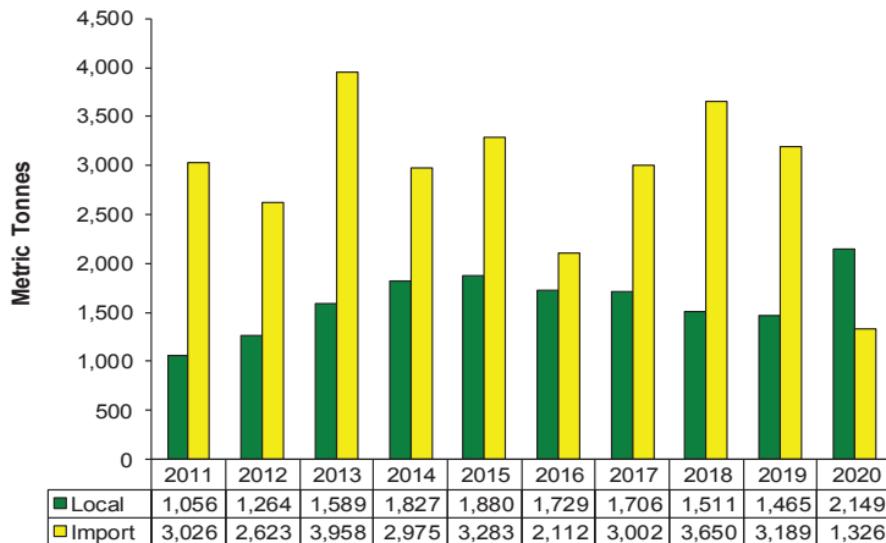
Note :

1. CIF - Cost, Insurance and Freight
2. Estimated live weight of local Buffalo 350 kg/head and local cattle 250 kg/head
3. Estimated live weight of imported buffalo 400 kg/head and imported cattle 380 kg/head





BEEF INDUSTRY 2011 – 2020



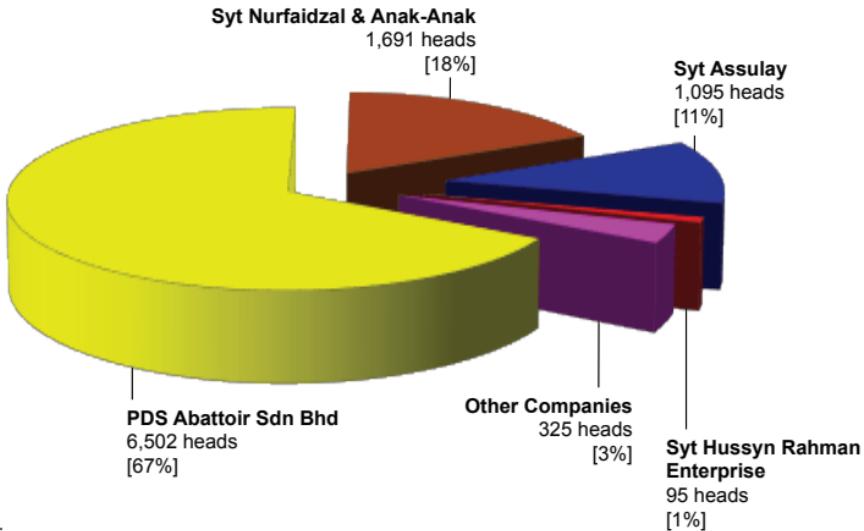
Note :

Chilled & frozen beef imported are in the form of parts & for further process only (not including processed products).





BUFFALO AND CATTLE SLAUGHTERED IN 2020



Note:

Market Size: 9,708 heads (B\$42.16 mil)





IMPORTED BUFFALO & CATTLE BY COUNTRY 2020

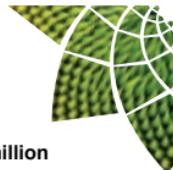
COUNTRY	LIVE BUFFALO & CATTLE					
	BUFFALO		CATTLE		TOTAL	
	Head	CIF Value (B\$ Mil)	Head	CIF Value (B\$ Mil)	Head	CIF Value (B\$ Mil)
Australia	221	0.26	7,785	12.62	8,006	12.88
Sarawak, Malaysia	798	0.33	20	0.02	818	0.35
Sabah, Malaysia	19	0.01	688	0.28	707	0.29
TOTAL	1,038	0.59	8,493	12.92	9,531	13.52

COUNTRY	BEEF (CHILLED AND FROZEN)					
	BUFFALO		CATTLE		TOTAL	
	Quantity (Mt)	CIF Value (B\$ Mil)	Quantity (Mt)	CIF Value (B \$ Mil)	Quantity (Mt)	CIF Value (B\$ Mil)
Australia	0.00	0.00	332.04	2.40	332.04	2.40
India	993.98	5.32	0.00	0.00	993.98	5.32
TOTAL	993.98	5.32	332.04	2.40	1,326.02	7.72

Note :

1. Chilled & frozen beef imported are in the form of parts & for further process only (not including processed products).
2. CIF – Cost, Insurance and Freight



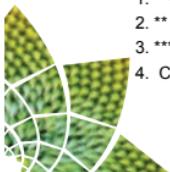


GOAT & SHEEP INDUSTRY 2020

Total Consumption	382.02 mt	Retail Value (B\$)	5.05 million
Goat	51.80 mt	Goat (B\$)	1.20 million
Sheep	330.22 mt	Sheep (B\$)	3.85 million
Per Capita Consumption	0.83 kg/yr		
Locally Slaughtered *	4,357 heads	Import (Chilled & Frozen) **	305.78 mt
Dressed Weight	76.25 mt	CIF Value (B\$)	2.81 million
Retail Value (B\$)	1.56 million	Retail Value (B\$)	3.50 million
Self-Sufficiency	19.96 %	Percentage Import	80.04 %
Local Rearing Population	Total Import (Live) ***		
Goat	6,110 heads	CIF Value (B\$)	0.32 million
Sheep	2,984 heads		
Average Retail Price (B\$)			
Goat Meat (B\$)	18.22 /kg	Brunei Population	459,500 Persons
Sheep Meat (B\$)	13.18 /kg		

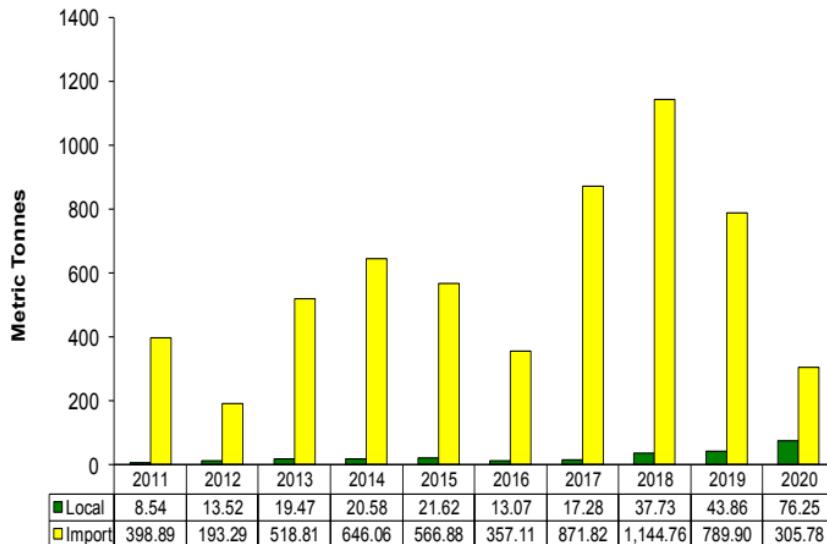
Note :

1. * - Live goat & sheep that slaughtered for year 2020.
2. ** - Chilled & frozen sheep imported are in the form of parts & for further process only (not including processed products).
3. *** - Total overall live goat & sheep imported to Brunei.
4. CIF – Cost, Insurance and Freight





GOAT & SHEEP INDUSTRY 2011 - 2020



Note:

Data of slaughtered domestic & imported ruminants are consolidated due to their activities which had taken place in the country.



LIVESTOCK FEED INDUSTRY 2020



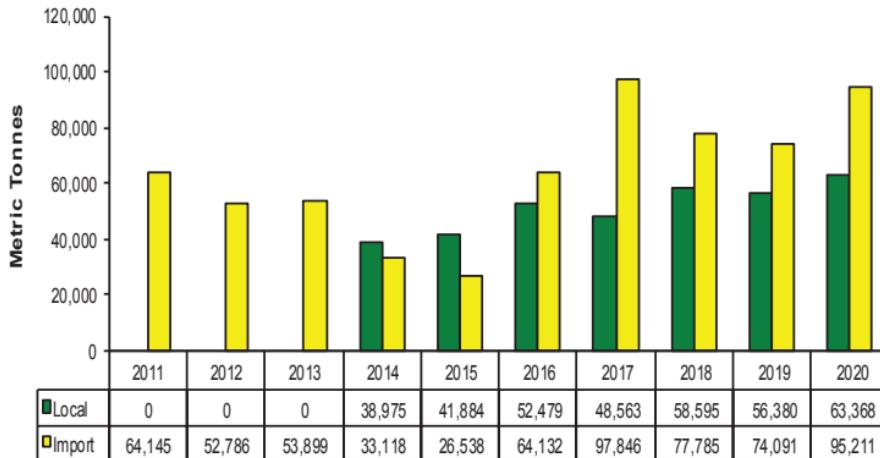
Total Consumption	158,579 mt
Retail Value (B\$)	124.48 million
Local Production	63,368 mt
Retail Value (B\$)	49.88 million
Self-Sufficiency	40.0 %
Import	95,211 mt
C.I.F Value	47.01 million
Retail Value (B\$)	74.60 million
Percentage Import	60.0 %

Note :
CIF – Cost, Insurance and Freight





LIVESTOCK FEED INDUSTRY 2011 – 2020



Note:

Gold Coin (B) Feedmill Sdn Bhd was established in 2013 which has successfully produced self-produced livestock feed for local use.



MONTHLY LOCAL PRODUCTION & IMPORT OF LIVESTOCK FEED FOR 2020



MONTH	LOCAL		IMPORT		TOTAL
	QUANTITY (Mt)	RETAIL VALUE (B\$ Mii)	QUANTITY (Mt)	CIF VALUE (B\$ Mii)	
January	5,095.87	3.93	3,884.98	2.07	8,980.85
February	4,301.11	3.38	12,124.21	5.14	16,425.32
March	4,986.29	3.93	2,884.65	1.59	7,870.94
April	5,217.21	4.12	3,348.65	1.93	8,565.86
May	5,621.86	4.42	13,902.72	6.57	19,524.58
June	5,308.07	4.17	3,792.35	2.02	9,100.42
July	6,059.22	4.73	14,609.37	7.03	20,668.59
August	5,107.16	3.98	3,679.45	2.08	8,786.61
September	5,551.40	4.32	4,477.93	2.67	10,029.33
October	5,525.73	4.37	14,432.56	6.92	19,958.29
November	5,262.12	4.23	12,700.40	5.98	17,962.52
December	5,332.16	4.30	5,373.25	3.02	10,705.41
TOTAL	63,368.20	49.88	95,210.50	47.01	158,578.70





MISCELLANEOUS LIVESTOCK INDUSTRY 2020

TYPE OF LIVESTOCKS	UNIT	QUANTITY (Unit)	QUANTITY (Kilogram)	RETAIL VALUE (B\$)
RUMINANT :-				
1. Deer	Heads	152	5,814.00	\$98,838.00
NON-RUMINANT :-				
1. Village Fowls	Birds	67,557	81,068.40	\$891,752.40
2. Goose	Birds	65	130.00	\$10,660.00
3. Muscovy Ducks	Birds	902	1,353.00	\$9,471.00
4. Duck	Birds	25,043	25,043.00	\$175,301.00
5. Quail	Birds	96,017	12,962.30	\$233,321.31
6. Old Layer Chicken	Birds	168,981	202,777.20	\$800,969.94
7. Chicken Breeder	Birds	39,693	133,368.48	\$400,105.44
EGGS :-				
1. Village Fowls Eggs	Eggs	141,015	7,050.75	\$70,507.50
2. Goose Eggs	Eggs	632	214.88	\$189.60
3. Muscovy Ducks Eggs	Eggs	21,979	1,318.74	\$6,593.70
4. Duck Eggs	Eggs	722,230	43,333.80	\$216,669.00
5. Quail Eggs	Eggs	470,696	4,706.96	\$47,069.60
TOTAL			519,141.51	\$2,961,448.49

Note :

1. Ruminant - an herbivorous, even-toed, hooved mammal that has a complex 3 or 4 chambered stomach i.e. buffalo, cattle, sheep and deer.
2. Non Ruminant - Include such as chickens, ducks and geese.



SUMMARY OF MISCELLANEOUS LIVESTOCK 2020



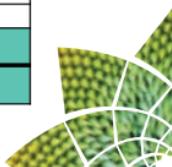
LIVESTOCK CATEGORIES	RUMINANT		NON-RUMINANT		EGGS		TOTAL	
MONTH	Quantity (Kg)	Retail Value (\$)	Quantity (Kg)	Retail Value (\$)	Quantity (Kg)	Retail Value (\$)	Quantity (Kg)	Retail Value (\$)
January	2,372	40,316	21,569	222,419	4,206	25,709	28,147	288,443
February	0	0	97,844	433,973	4,552	27,799	102,396	461,772
March	0	0	29,330	153,268	4,328	26,318	33,659	179,586
April	0	0	46,074	244,021	3,676	22,831	49,750	266,852
May	0	0	39,256	177,355	4,104	25,214	43,360	202,568
June	0	0	52,788	244,475	4,572	27,706	57,360	272,181
July	0	0	34,444	181,613	5,299	31,412	39,743	213,025
August	0	0	29,170	150,396	5,424	32,706	34,594	183,102
September	0	0	26,733	159,850	5,494	32,201	32,228	192,051
October	3,328	56,572	40,295	252,532	5,308	31,678	48,931	340,782
November	0	0	32,411	222,061	5,042	30,253	37,453	252,314
December	115	1,951	6,788	79,616	4,620	27,205	11,522	108,772
TOTAL	5,814	98,838	456,702	2,521,581	56,625	341,029	519,142	2,961,448





MISCELLANEOUS LIVESTOCK PRODUCTION BY DISTRICT & QUANTITY (KG) 2020

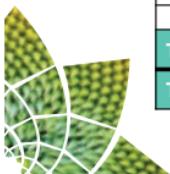
DISTRICT	BRUNEI & MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL
TYPE OF LIVESTOCK					
RUMINANT :-					
1. Deer	153	3,290	2,372	0	5,814
TOTAL (Kg)	153	3,290	2,372	0	5,814
NON-RUMINANT :-					
1. Village Fowls	61,708	18,386	634	341	81,068
2. Goose	130	0	0	0	130
3. Muscovy Ducks	861	222	0	270	1,353
4. Duck	23,224	1,105	64	650	25,043
5. Quail	12,013	918	31	0	12,962
6. Old Layer Chicken	202,777	0	0	0	202,777
7. Chicken Breeder	133,368	0	0	0	133,368
TOTAL (Kg)	434,081	20,632	729	1,261	456,702
EGGS :-					
1. Village Fowls Eggs	5,602	1,093	0	356	7,051
2. Goose Eggs	212	0	0	3	215
3. Muscovy Ducks Eggs	147	901	0	271	1,319
4. Duck Eggs	18,384	1,458	0	23,492	43,334
5. Quail Eggs	4,396	311	0	0	4,707
TOTAL (Kg)	28,741	3,763	0	24,122	56,625
TOTAL OVERALL (Kg)	462,975	27,684	3,100	25,383	519,142





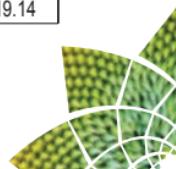
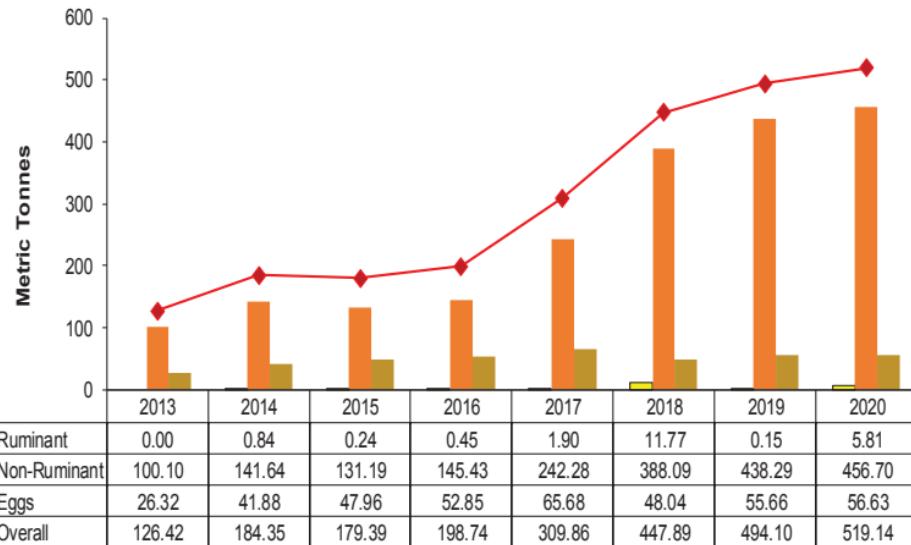
MISCELLANEOUS LIVESTOCK PRODUCTION BY DISTRICT & RETAIL VALUE 2020

DISTRICT	BRUNEI & MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL
RUMINANT :-					
1. Deer	2,601	55,922	40,316	0	98,838
TOTAL (B\$)	2,601	55,922	40,316	0	98,838
NON-RUMINANT :-					
1. Village Fowls	678,784	202,250	6,970	3,749	891,752
2. Goose	10,660	0	0	0	10,660
3. Muscovy Ducks	6,027	1,554	0	1,890	9,471
4. Duck	162,568	7,735	448	4,550	175,301
5. Quail	216,236	16,526	559	0	233,321
6. Old Layer Chicken	800,970	0	0	0	800,970
7. Chicken Breeder	400,105	0	0	0	400,105
TOTAL (B\$)	2,275,350	228,066	7,977	10,189	2,521,581
EGGS :-					
1. Village Fowls Eggs	56,024	10,927	0	3,557	70,508
2. Goose Eggs	187	0	0	2	190
3. Muscovy Ducks Eggs	733	4,505	0	1,356	6,594
4. Duck Eggs	91,919	7,290	0	117,461	216,669
5. Quail Eggs	43,958	3,112	0	0	47,070
TOTAL (B\$)	192,820	25,833	0	122,376	341,029
TOTAL OVERALL (B\$)	2,470,771	309,821	48,292	132,565	2,961,448





MISCELLANEOUS LIVESTOCK INDUSTRY 2013 - 2020



Crop Industry





SUMMARY OF CROPS INDUSTRY DEVELOPMENT 2020

AGRICULTURE COMMODITY	LOCAL		IMPORT		TOTAL (Quantity - Unit)	PERCENTAGE SELF-SUFFICIENCY
	Quantity (Unit)	Retail Value (\$Mil)	Quantity (Unit)	CIF Value (\$Mil)		
Vegetables (mt)	8,507.95	25.13	4,163.72	7.21	12,671.67	67.14%
Fruits (mt)	7,214.83	14.02	8,481.34	11.71	15,696.17	45.97%
Paddy (mt)	3,863.55	6.18	0.00	0.00	n/a	n/a
Miscellaneous Crops (mt)	1,306.46	3.56	15,073.52	16.80	16,379.98	7.98%
Ornamental Plants (plants)	902,861	4.53	114,365	0.19	1,017,226	88.76%
Cut Flowers (cut)	54,999	0.05	1,103,186	1.10	1,158,185	4.75%
TOTAL		53.46		63.41		

Note :

1. Import Vegetables & Fruits only Tropical.
2. CIF – Cost, Insurance and Freight





CROP LAND AREAS 2020

DISTRICT / COMMODITIES	BRUNEI & MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Ha)
Vegetables	553.82	177.60	75.21	5.22	811.85
Fruits	428.05	1,177.00	1,183.72	419.07	3,207.84
Paddy	470.49	117.38	69.40	195.70	852.97
Miscellaneous Crops	9.00	75.30	17.70	207.84	309.84
Floriculture	46.50	2.15	11.05	0.00	59.70
TOTAL (Ha)	1,507.86	1,549.43	1,357.08	827.83	5,242.20

Note :

Area include Agricultural Development Area (ADA) / Kawasan Kemajuan Pertanian (KKP), Existing Area (Ladang Sedia Ada) – Extract From District Register (EDR) & Temporary Occupation License (TOL), Young Farmer Area (Penempatan Peladang Muda) and Rural Agricultural Development Area (RAA) / Kawasan Pertanian Luar Bandar (KPLB).





CROPS ENTREPRENEURS 2020

DISTRICT / AGRICULTURE COMMODITY	BRUNEI & MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Entrepreneurs)
Vegetables	239	139	107	50	535
Fruits	688	362	1,006	363	2,419
Paddy	204	86	87	148	525
Miscellaneous crops	3	66	42	43	154
Floriculture	74	15	34	0	123
TOTAL (Entrepreneurs)	1,208	668	1,276	604	3,756





VEGETABLE INDUSTRY 2020

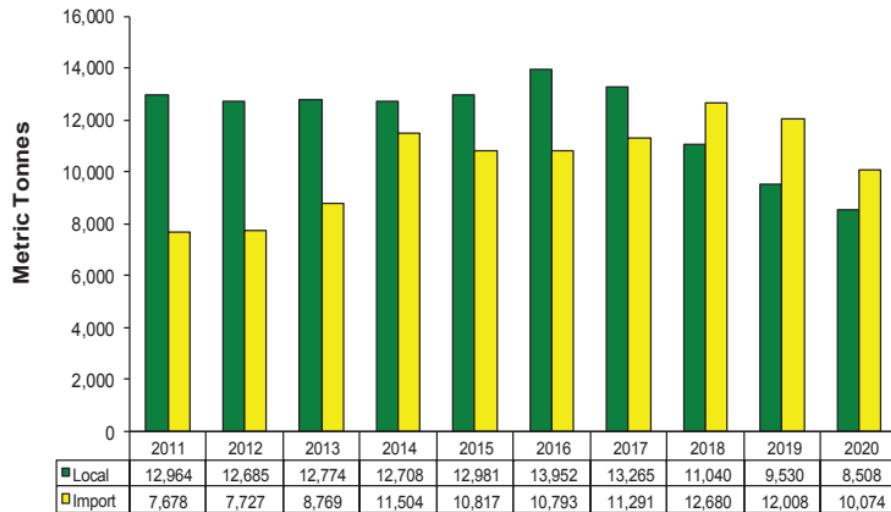
Total Consumption	18,581.9 mt
Tropical	12,671.7 mt
Temperate	5,910.3 mt
Est. Retail Value (B\$)	\$60.18 million
Per Capita Consumption	40.4 kg/yr
Local Production	8,508.0 mt
Retail Value (B\$)	25.13 million
Self-Sufficiency	
Tropical Vegetable	67.1 %
Average Retail Price (B\$)	1.48 - 13.82 /kg
Area Developed	811.9 ha
No of Entrepreneurs	535 entrepreneurs
Brunei Population	459,500 persons
Import	10,074.0 mt
CIF Value (B\$)	16.67 million
Est. Retail Value (B\$)	35.05 million
Percentage Import	54.2 %
Quantity	
Tropical	4,163.7 mt
Temperate	5,910.3 mt
CIF Value (B\$)	
Tropical	7.21 million
Temperate	9.47 million
Average CIF Price (B\$)	
Tropical	0.38 - 12.00 /kg
Temperate	0.36 - 27.89 /kg

Note :
CIF – Cost, Insurance and Freight





VEGETABLE INDUSTRY 2011 – 2020



Note :
Import include tropical and temperate vegetable





LOCAL VEGETABLES PRODUCTION 2020

DISTRICT	QUANTITY (Mt)	RETAIL VALUE (B\$)	QUANTITY PERCENTAGE (%)
BRUNEI & MUARA	4,528.25	13,790,493	54.9
BELAIT	1,835.21	5,268,696	21.0
TUTONG	1,835.45	5,024,487	20.0
TEMBURONG	309.04	1,043,781	4.2
TOTAL	8,507.95	25,127,457	100.0

IMPORTED VEGETABLES 2020

TYPES	QUANTITY (Mt)	C.I.F. VALUE (B\$)	QUANTITY PERCENTAGE (%)
TROPICAL	4,163.72	7,206,639.80	41.3
TEMPERATE	5,910.26	9,465,728.79	58.7
TOTAL	10,073.98	16,672,368.59	100.0

VEGETABLES LAND AREA & NO OF FARMERS 2020

DISTRICT	AREA (Ha)	PERCENTAGE (%)	NO OF FARMERS (Entrepreneurs)
BRUNEI & MUARA	553.82	68.2%	239
TUTONG	75.21	9.3%	107
BELAIT	177.60	21.9%	139
TEMBURONG	5.22	0.6%	50
TOTAL	811.85	100.0%	535

Note :

CIF – Cost, Insurance and Freight





15 MAJOR TYPE OF LOCAL VEGETABLES PRODUCTION 2020 (BY QUANTITY)

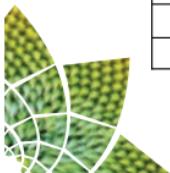
RANK	TYPE	QUANTITY (Kg)	RETAIL VALUE (B\$)	PRICE (B\$/Kg)
1	Cucumber	1,514,490	2,243,322	1.48
2	Chai Sim (Sawi Hijau/Manis)	713,675	1,955,550	2.74
3	Long Bean	666,127	1,993,649	2.99
4	Convolvulus/Water Spinach	596,427	1,315,153	2.21
5	Chinese Spinach/Amaranth	527,688	1,369,064	2.59
6	Lady's Finger	508,577	1,558,439	3.06
7	Water Guord	389,779	686,361	1.76
8	Pak Choy	388,004	1,066,343	2.75
9	Loafah	351,265	820,543	2.34
10	Eggplant	340,761	1,017,141	2.98
11	Bitter Guord	320,947	1,006,761	3.14
12	Pumpkin	262,493	486,200	1.85
13	Red Chilli	237,581	2,035,294	8.57
14	Sawi Taiwan	182,781	568,958	3.11
15	Tomato	132,354.00	474,550.50	3.59





15 MAJOR TYPE OF IMPORT TROPICAL VEGETABLES 2020 (BY QUANTITY)

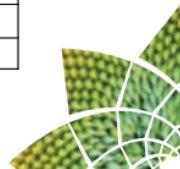
RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
1	Tomato	1,048,426	1,162,695	1.11
2	Pumpkin	486,173	459,756	0.95
3	Lettuce	403,955	1,354,027	3.35
4	Thailand Chilli	351,648	719,356	2.05
5	Mushroom	297,413	1,160,676	3.90
6	Radish	239,060	273,447	1.14
7	Red Chilli	216,458	556,724	2.57
8	French Bean	204,522	243,786	1.19
9	Pakis	108,726	58,632	0.54
10	Egg Plant/Brinjal	99,380	106,035	1.07
11	Oil Farm Shoot	81,211	44,340	0.55
12	Spring Onion/Chives	78,988	165,059	2.09
13	Bamboo Shoot	63,026	37,419	0.59
14	Timun Duri	55,352	34,035	0.61
15	Cherry Tomato	55,266	263,306	4.76





15 MAJOR TYPE OF IMPORT TEMPERATE VEGETABLES 2020 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
1	Cabbage	1,952,765	1,771,425	0.91
2	Carrot	1,185,758	1,305,403	1.10
3	Cauliflower	465,663	924,695	1.99
4	Broccoli	441,960	1,390,899	3.15
5	Chinese Cabbage	360,362	364,990	1.01
6	Capsicum/Sweet Pepper	329,090	977,506	2.97
7	Pak Choy	252,495	474,428	1.88
8	Baby Kailan	214,099	267,934	1.25
9	Celery	171,581	388,889	2.27
10	Leek	110,897	184,660	1.67
11	Lotus Root	54,509	147,748	2.71
12	Beet Root	49,482	150,596	3.04
13	Garlic Sprout	37,044	64,755	1.75
14	Chinese Kale	36,907	112,142	3.04
15	Asparagus	32,538	202,231	6.22





FRUITS INDUSTRY 2020

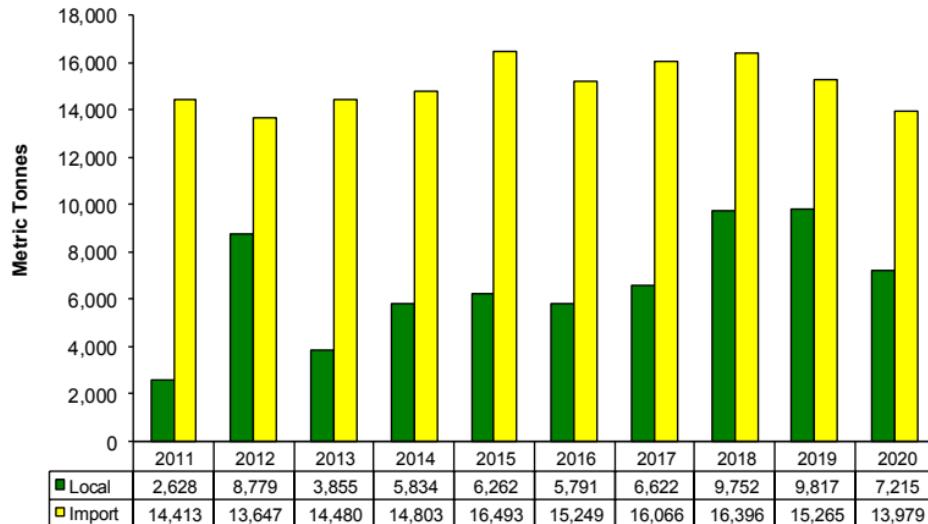
Total Consumption	21,194.3 mt
Tropical	15,696.2 mt
Temperate	5,498.1 mt
Est. Retail Value (B\$)	60.42 million
Per Capita Consumption	46.1 kg/yr
 Local Production	 7,214.8 mt
Retail Value (B\$)	14.02 million
Self-Sufficiency	
Tropical Fruits	46.0 %
Average Retail Price (B\$)	0.44 - 6.32 /kg
 Area Developed	 3,208 ha
 No of Entrepreneurs	 2,419 entrepreneurs
 Brunei Population	 459,500 persons
 Import	 13,979.4 mt
CIF Value (B\$)	28.65 million
Est. Retail Value (B\$)	46.41 million
Percentage Import	66.0 %
 Quantity	
Tropical	8,481.34 mt
Temperate	5,498.10 mt
 CIF Value (B\$)	
Tropical	11.71 million
Temperate	16.94 million
 Average CIF Price (B\$)	
Tropical	0.33 - 12.49 /kg
Temperate	1.76 - 39.48 /kg

Note :
CIF – Cost, Insurance and Freight





FRUITS INDUSTRY 2011 - 2020





LOCAL FRUITS PRODUCTION 2020

DISTRICT	QUANTITY (Mt)	RETAIL VALUE (B\$)	PERCENTAGE (%)
BRUNEI & MUARA	2,487.55	4,997,145.08	34.5
BELAIT	1,172.37	2,789,055.48	16.2
TUTONG	1,857.91	2,921,571.97	25.8
TEMBURONG	1,697.01	3,309,089.54	23.5
TOTAL	7,214.83	14,016,862.07	100.0

IMPORTED FRUITS 2020

TYPES	QUANTITY (Mt)	C.I.F. VALUE (B\$)	PERCENTAGE (%)
TROPICAL	8,481.34	11,707,514.90	60.7
TEMPERATE	5,498.10	16,940,630.13	39.3
TOTAL	13,979.44	28,648,145.03	100.0

DEVELOPED FRUIT BY FARM CATEGORY 2020

DISTRICT	EXISTING AREA	RURAL AGRICULTURAL AREA	AGRICULTURAL DEVELOPMENT AREA	YOUNG FAMERS	TOTAL	
					HA	%
BRUNEI & MUARA	76.75	270.80	70.50	10.00	428.05	13.3
BELAIT	643.00	317.00	217.00	0.00	1,177.00	36.7
TUTONG	145.24	812.23	226.25	0.00	1,183.72	36.9
TEMBURONG	66.60	203.97	148.50	0.00	419.07	13.1
TOTAL	931.59	1,604.00	662.25	10.00	3,207.84	100.0

Note :

CIF – Cost, Insurance and Freight





15 MAJOR TYPE OF LOCAL FRUITS 2020 PRODUCTION (BY QUANTITY)

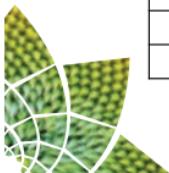
RANK	TYPE	QUANTITY (Kg)	RETAIL VALUE (B\$)	PRICE (B\$/Kg)
1	Banana	1,717,085	2,682,124	1.56
2	Young Coconut	1,255,805	552,423	0.44
3	Musk Lime	598,626	1,448,076	2.42
4	Old Coconut	500,968	835,420	1.67
5	Papaya	428,043	622,288	1.45
6	Durian	344,306	1,238,688	3.60
7	Watermelon	282,652	487,193	1.72
8	Melons	157,431	973,826	6.19
9	Jackfruit	156,344	359,345	2.30
10	Cempedak	139,428	211,552	1.52
11	Limau Kapas	134,914	405,364	3.00
12	Pineapple	128,767	283,348	2.20
13	Tarap	123,375	203,870	1.65
14	Kedundung	119,222	125,353	1.05
15	Rambutan	119,024	214,445	1.80





15 MAJOR TYPE OF IMPORT TROPICAL FRUITS 2020 (BY QUANTITY)

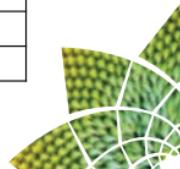
RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
1	Banana	2,746,217	1,948,490	0.71
2	Watermelon	1,164,371	743,785	0.64
3	Melon	673,724	928,394	1.38
4	Pineapple	659,938	786,988	1.19
5	Lemon	611,742	1,391,860	2.28
6	Durian	564,856	1,764,493	3.12
7	Old Coconut	382,930	173,114	0.45
8	Papaya	324,120	180,845	0.56
9	Avocado	192,159	1,292,132	6.72
10	Guava	171,516	192,916	1.12
11	Pomelo	164,441	167,992	1.02
12	Mango	158,872	666,646	4.20
13	Dragon Fruit	146,492	321,578	2.20
14	Pomegranate	75,590	159,962	2.12
15	Young Coconut	66,627	112,133	1.68





15 MAJOR TYPE OF IMPORT TEMPERATE FRUITS 2020 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
1	Apple	1,728,966	3,838,368	2.22
2	Sunkist Orange	1,324,068	2,929,173	2.21
3	Mandarin Orange	617,978	1,242,003	2.01
4	Grape	617,637	3,228,969	5.23
5	Pear	565,891	1,285,927	2.27
6	Kiwi Fruit	149,654	915,260	6.12
7	Sweet Orange	112,639	286,894	2.55
8	Dates	84,802	542,619	6.40
9	Plum	50,222	235,290	4.68
10	Strawberry	45,798	901,143	19.68
11	Persimmon	35,156	183,619	5.22
12	Peach	31,096	125,870	4.05
13	Longan	28,952	74,324	2.57
14	Cherry	22,193	408,467	18.41
15	Blueberries	21,955	388,975	17.72





PADDY INDUSTRY 2020

Local Production	3,864	mt	Area Developed	852.97	ha
Retail Value (B\$)	6.18	million			
			Productivity (*)		
Paddy Scheme Price (B\$)	1.60	/kg	Irrigated Area	3.92	mt/ha/season
			Non-Irrigated Area	1.40	mt/ha/season

Note:

1. Areas are divided into i) harvested area 1,329.02 ha for two seasons and ii) total developed area 852.97 ha.
2. * Paddy productivity is the average for main season & off season.





LOCAL PADDY PRODUCTION 2020

DISTRICT	HARVESTED AREA (Ha)	NO. OF FARMERS	YEILD PADDY (Mt)	RICE 65% milling Recovery (Mt)	%
BRUNEI & MUARA	880.92	204	3,307.72	2,150.02	85.6
BELAIT	160.20	86	167.66	108.98	4.3
TUTONG	91.00	87	127.11	82.62	3.3
TEMBURONG	196.90	148	261.06	169.69	6.8
TOTAL	1,329.02	525	3,863.55	2,511.31	100.0

Note:

1. The number of farmers & harvested area are for main season only except for Brunei & Muara District highest cultivated area for two seasons are selected.
2. Harvested area is acreage that has yield only.

PADDY RICE SUPPORT SCHEME FOR 2019/2020 SEASON

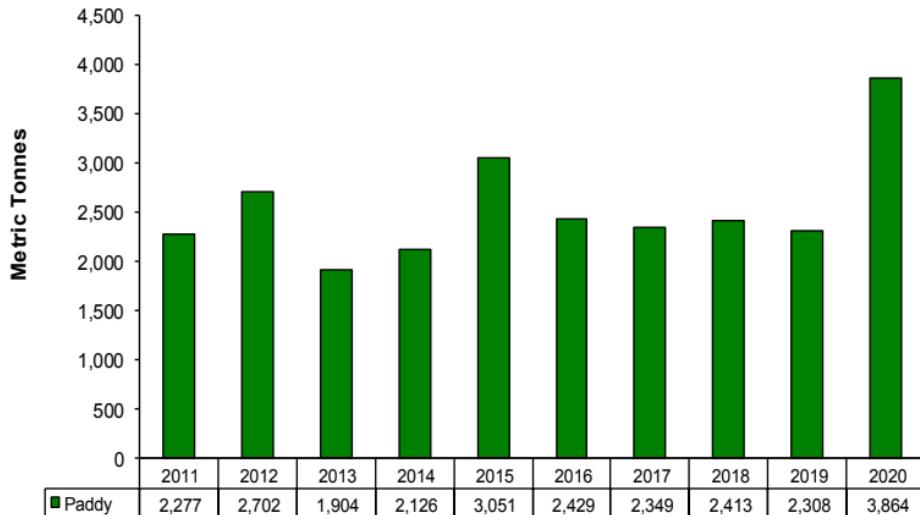
DISTRICT	AREA (Ha)	NO. OF FARMERS	TOTAL PADDY SOLD (Kg)	VALUE (B\$) @ \$1.60/Kg
BRUNEI & MUARA	880.92	387	3,185,673.50	5,097,077.60
BELAIT	160.20	105	167,477.00	267,963.20
TUTONG	36.80	18	76,500.00	122,400.00
TEMBURONG	196.90	138	117,700.00	188,320.00
TOTAL	1,274.82	648	3,547,350.50	5,675,760.80

Note:

Total of both main season 2019/2020 & Off Season 2020



PADDY INDUSTRY 2011 - 2020





RICE PRODUCTION 2020

Total Consumption	30,517 mt
Est. Retail Value (B\$)	36.56 million
Per Capita Consumption	66.41 kg/yr
Local Production	2,511 mt
Retail Value (B\$)	3.14 million
Self-Sufficiency	8.23 %
Retail Price (B\$)	
Local Rice	1.25 /kg
Area Developed	852.97 ha
Paddy Productivity (*)	
Irrigated Area	3.92 mt/ha/season
Non-Irrigated Area	1.40 mt/ha/season
Brunei Population	459,500 Persons

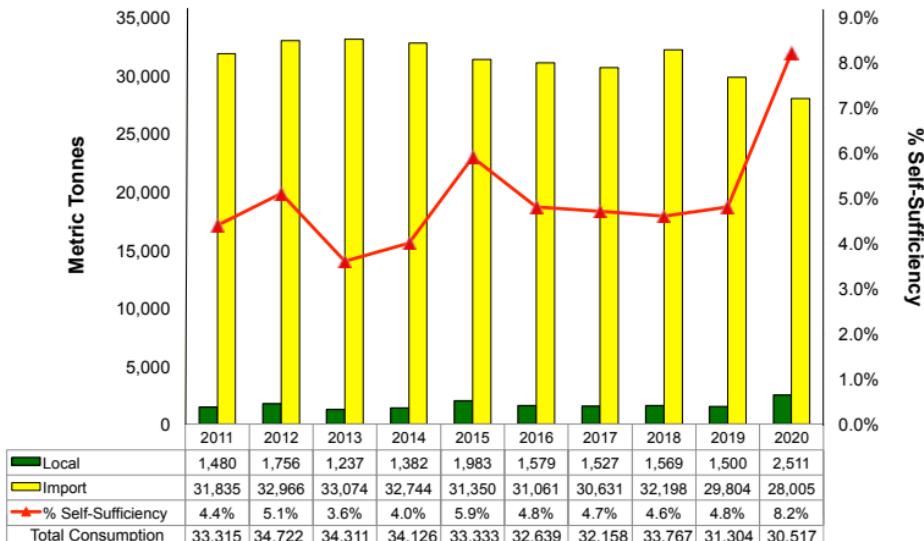
Note:

* Paddy productivity is the average for main season & off season.

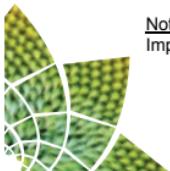




RICE PRODUCTION & IMPORT 2011 - 2020



Note :
Import is saleable rice and does not reflect total import for the year





MISCELLANEOUS CROPS INDUSTRY 2020

Total Consumption	16,380.0	mt
Est. Retail Value (B\$)	28.76	million
Per Capita Consumption	35.6	kg/yr

Local Production	1,306.5	mt	Total Import	15,073.5	mt
Retail Value (B\$)	3.56	million	CIF Value (B\$)	16.80	million
Self-Sufficiency	8.0	%	Est. Retail Value (B\$)	25.20	million

Percentage Import 92.0 %

Brunei Population 459,500 Persons

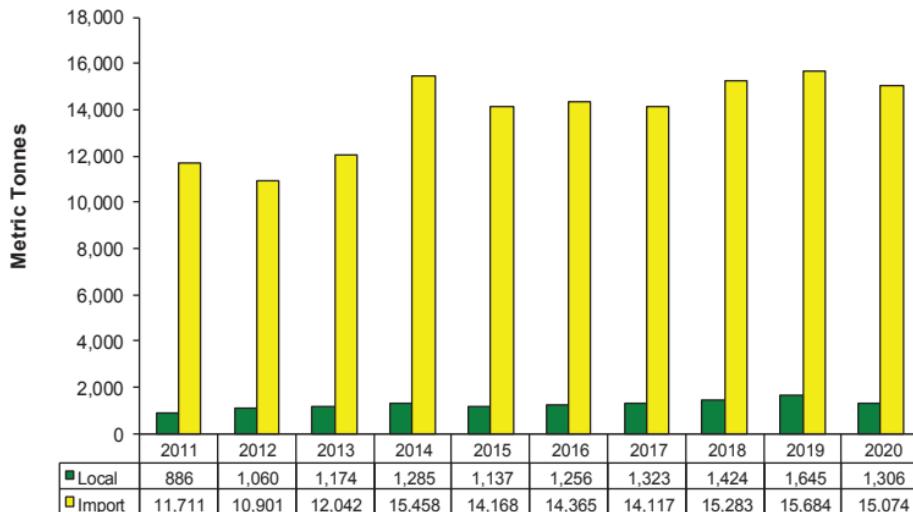
Note :

1. Miscellaneous Crops include beverages, cereals, tubers, spices and legumes
2. CIF – Cost, Insurance and Freight



MISCELLANEOUS CROPS INDUSTRY

2011 - 2020





LOCAL MISCELLANEOUS CROPS 2020 (BY TYPES)

TYPES	QUANTITY (Kg)	RETAIL VALUE (B\$)	PRICE (B\$ / Kg)
Cereal Sweet Corn	294,679	855,636	2.90
Beverages Sugar Cane Coffee	101,871 1,139	151,339 13,668	1.49 12.00
Tubers Sweet Potato Tapioca Yam	228,618 303,723 51,523	604,936 466,057 232,306	2.65 1.53 4.51
Spices Lemon Grass Dill Galangal Turmeric Basil Leaf Curry Leaf	190,428 4,695 48,305 23,507 1,554 7,681	422,028 234,738 156,970 122,677 43,512 26,884	2.22 50.00 3.25 5.22 28.00 3.50
Sago	5,988	16,504	2.76
Others	40,606	184,050	4.53
TOTAL	1,306,456	3,559,907	

LOCAL MISCELLANEOUS CROPS PRODUCTION 2020

DISTRICT	QUANTITY (Kg)	RETAIL VALUE (B\$)	QUANTITY PERCENTAGE (%)
BRUNEI & MUARA	723,907.00	1,744,298.84	55.41
BELAIT	212,629.00	821,453.14	16.28
TUTONG	233,062.47	623,896.62	17.84
TEMBURONG	136,858.00	370,258.14	10.48
TOTAL	1,306,456.47	3,559,906.74	100.00





TYPE OF IMPORTED MISCELLANEOUS CROPS 2020 (BY QUANTITY)

NO	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
Cereals :				
1	Maize	170,100	88,717	0.52
2	Sweet Corn	39,166	23,084	0.59
Tubers :				
3	Potato	3,807,450	2,775,947	0.73
4	Sweet Potato	302,575	452,711	1.50
5	Yam	210,738	347,797	1.65
6	Yam Bean	137,415	159,740	1.16
7	Arrow Root / Burdock	13,501	30,150	2.23
Spices :				
8	Onion	4,859,394	3,886,415	0.80
9	Ginger	910,507	2,021,812	2.22
10	Shallot	1,280,390	1,804,100	1.41
11	Garlic	976,312	1,491,204	1.53
12	Dried Chili	233,625	693,740	2.97
13	Coriander Leaf	93,810	191,244	2.04
14	Turmeric	85,618	183,910	2.15
15	Daun Sop	59,079	125,165	2.12





TYPE OF IMPORTED MISCELLANEOUS CROPS 2020 (BY QUANTITY)

NO	TYPE	QUANTITY (Kg)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Kg)
16	Parsley	18,558	66,455	3.58
17	Galangal	50,670	52,886	1.04
18	Coriander Seeds	24,357	48,914	2.01
19	Lemon Grass	57,926	32,763	0.57
20	Mint Leaf	12,133	30,633	2.52
21	White Pepper Seed	3,225	25,651	7.95
22	Black Pepper Seed	4,050	20,879	5.16
Legumes :				
23	Soya Bean	679,713	702,693	1.03
24	Ground Nut Kernel	232,961	440,720	1.89
25	Mung Bean/Green Gram	258,382	419,008	1.62
26	Ground Nut	181,156	330,397	1.82
Others :				
27	Nyirik Leaf	202,430	107,322	0.53

Note:

1. Includes Miscellaneous Crops with a C.I.F value of \$ 20,000.00 only.
2. CIF – Cost, Insurance and Freight





ORNAMENTAL PLANTS INDUSTRY 2020

Total Consumption		1,107,226 plants	
Est. Retail Value (B\$)		4.83 million	
Local Production		902,861 plants	
Retail Value (B\$)	4.53 million	CIF Value (B\$)	0.19 million
Self-Sufficiency	88.8 %	Est. Retail Value (B\$)	0.31 million
Average Retail Price (B\$)	1.08 - 16.22 /plant	Percentage Import	11.2 %
Average CIF Price (B\$)	0.13 - 48.70 /plant		

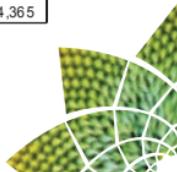
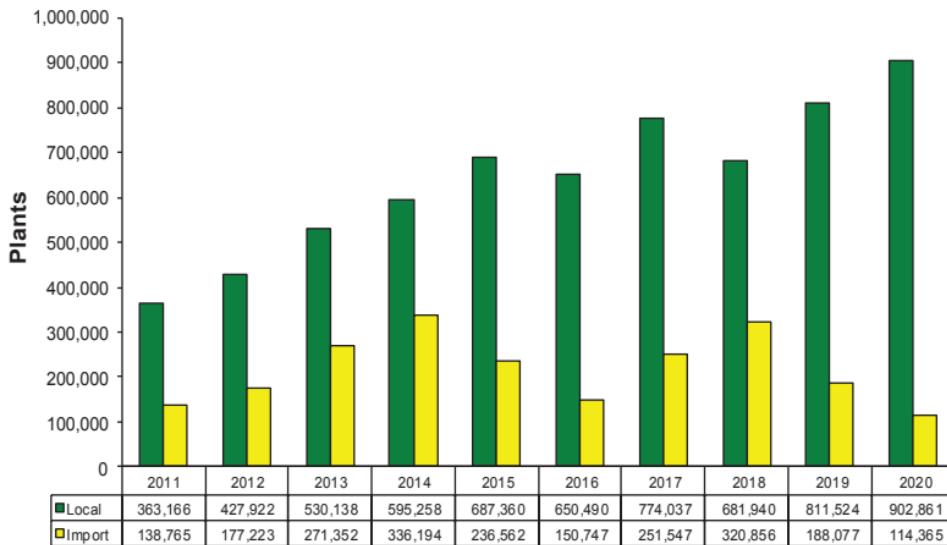
Note :

CIF – Cost, Insurance and Freight





ORNAMENTAL PLANTS INDUSTRY 2011 - 2020





LOCAL ORNAMENTAL PLANTS 2020 (BY TYPES)

NO	TYPES	QUANTITY (Plants)	RETAIL VALUE (B\$)	PRICE B\$/ PLANT
1	Ground Cover	178,132	192,044.60	1.08
2	Outdoor Shrubs	352,453	1,904,024.28	5.40
3	Indoor Shrubs	81,830	617,084.40	7.54
4	Palms	20,614	285,296.50	13.84
5	Trees	41,146	667,219.02	16.22
6	Orchid	46,030	497,388.00	10.81
7	Cactus	13,729	48,446.30	3.53
8	Grass	168,927	315,051.00	1.87
TOTAL		902,861	4,526,554.10	5.01

LOCAL ORNAMENTAL PLANTS PRODUCTION 2020

DISTRICT	QUANTITY (Plants)	RETAIL VALUE (B\$)	QUANTITY PERCENTAGE (%)
BRUNEI & MUARA	825,737	4,021,613.00	91.4
BELAIT	11,389	95,255.06	1.3
TUTONG	65,735	409,686.24	7.3
TOTAL	902,861	4,526,554.30	100.0





15 MAJOR TYPE OF IMPORTED ORNAMENTAL PLANTS 2020 (BY QUANTITY)

RANK	TYPE	QUANTITY (Plants)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Plant)
1	Succulent Plant	27,155	15,556.38	0.57
2	Rose	12,505	11,052.51	0.88
3	Capsicum Spp.	11,160	27,353.71	2.45
4	Dendrobium Hybrids	10,908	11,066.94	1.01
5	Bromelia Spp.	4,504	5,198.88	1.15
6	Bougainvillea	4,095	4,086.95	1.00
7	Calathea Plant	3,460	8,926.33	2.58
8	Aglaonema Spp.	3,067	4,784.79	1.56
9	Anthurium Spp.	2,337	9,364.91	4.01
10	Ficus Spp.	2,315	2,807.87	1.21
11	Adenium Spp.	2,070	2,842.51	1.37
12	Alocasia	1,669	10,696.54	6.41
13	Tillandsia Spp.	1,415	3,788.88	2.68
14	Crassula Spp.	1,325	2,394.97	1.81
15	Hibiscus Spp.	1,255	1,423.10	1.13

Note :
CIF – Cost, Insurance and Freight



CUT FLOWERS INDUSTRY 2020



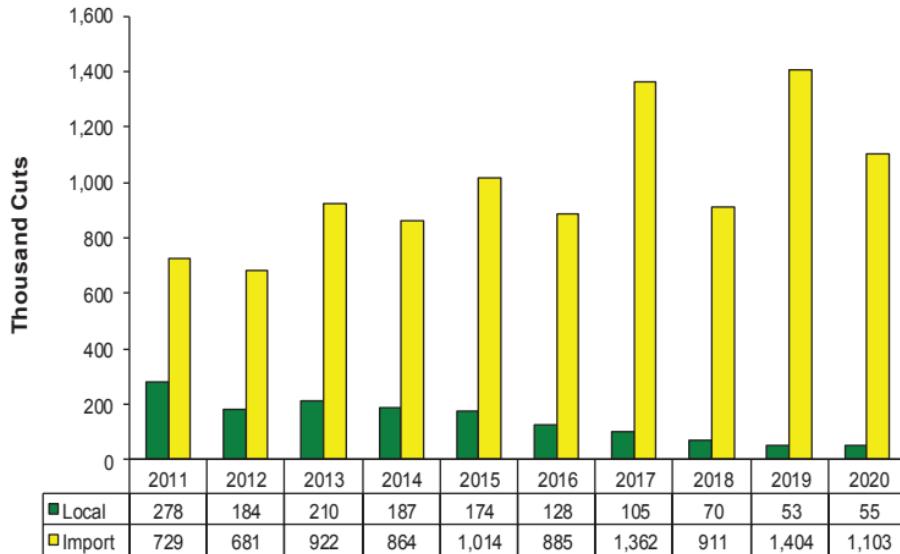
Total Consumption	1,158,185 cuts		
Est. Retail Value (B\$)	1.81 million		
 Local Production	 54,999 cuts	 Total Import	 1,103,186 cuts
Retail Value (B\$)	0.05 million	CIF Value (B\$)	1.10 million
Self-Sufficiency	4.7 %	Est. Retail Value (B\$)	1.77 million
		Percentage Import	95.3 %
Average Retail Price (B\$)	0.82 - 2.39 /cut	Average CIF Price (B\$)	0.07 - 30.00 /cut

Note :
CIF – Cost, Insurance and Freight





CUT FLOWERS INDUSTRY 2011 - 2020





LOCAL CUT FLOWERS 2020 (BY TYPES)

NO	TYPES	QUANTITY (Cuts)	RETAIL VALUE (B\$)	QUANTITY PERCENTAGE (%)
1	Orchid	50,700	41,388.00	92.2
2	Red Ginger	3,520	3,296.00	6.4
3	Goldern Red	264	215.40	0.5
4	Johor Fern	234	214.20	0.4
5	Heliconia	205	205.00	0.4
6	Anthurium	76	181.60	0.1
TOTAL		54,999	45,500.20	100.0

Note :

100% production from Belait District

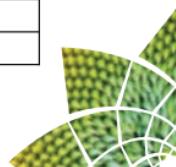




15 MAJOR TYPE OF IMPORT CUT FLOWERS 2020 (BY QUANTITY)

RANK	TYPE	QUANTITY (Cuts)	C.I.F VALUE (B\$)	AVERAGE C.I.F PRICE (B\$/Cut)
1	Chrysanthemum Spp.	301,351	223,443.42	0.74
2	Rose	157,937	212,364.00	1.34
3	Carnation	50,768	36,439.39	0.72
4	Dendrobium Hybrids	50,088	40,882.42	0.82
5	Dianthus Spp.	41,391	34,745.79	0.84
6	Limonium Spp.	34,991	26,882.95	0.77
7	Gerbera Spp.	34,244	25,713.57	0.75
8	Anthurium Spp.	31,013	34,113.66	1.10
9	Eustoma	27,733	32,379.48	1.17
10	Gypsophila Spp.	22,687	23,668.96	1.04
11	Mokara	20,693	21,833.44	1.06
12	Dracaena Spp.	19,180	19,736.24	1.03
13	Rose	17,289	22,497.95	1.30
14	Tulip	15,735	22,676.15	1.44
15	Pom Pom	12,960	11,169.50	0.86

Note :
CIF – Cost, Insurance and Freight

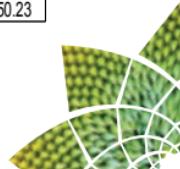
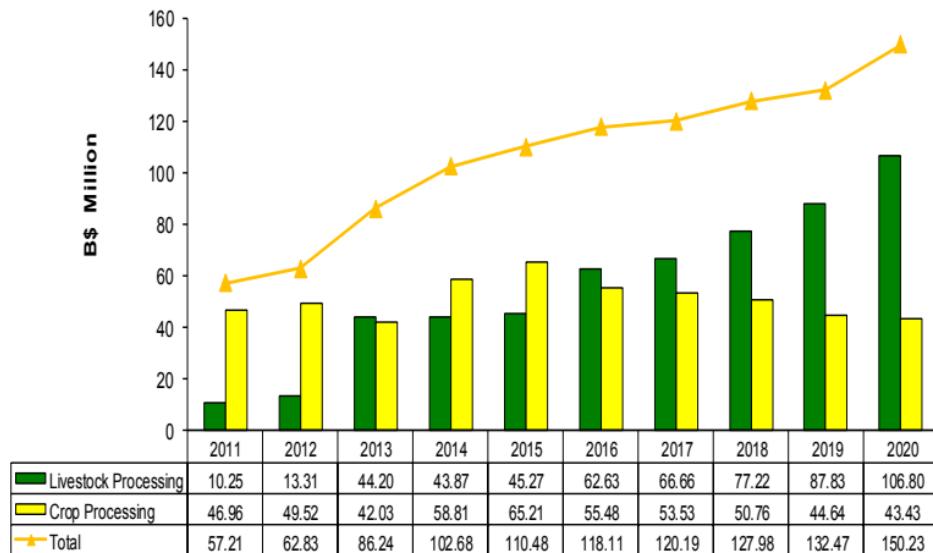


Agrifood Industry





LOCAL AGRIFOOD INDUSTRY 2011 - 2020



AGRIFOOD PRODUCTION BY DISTRICT 2020

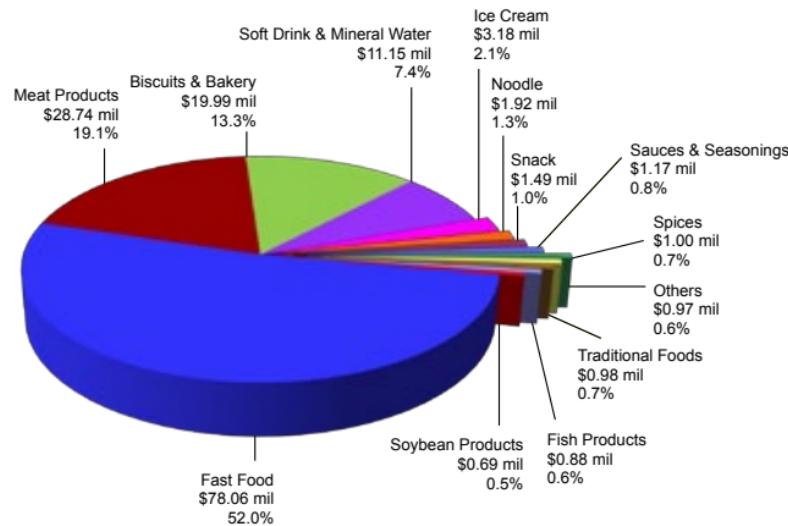


DISTRICT	QUANTITY (Mt)	RETAIL VALUE (B\$ Million)	ENTREPRENEURS (Persons)	ESTIMATED LABOUR (Persons)	
				Local	Foreigner
Brunei & Muara	52,539.85	131.19	263	2,120	1,573
Tutong	2,153.21	16.82	49	98	24
Belait	1,767.92	1.88	21	142	172
Temburong	4.42	0.34	44	164	1
TOTAL		150.23	377	2,524	1,770
					4,294





AGRIFOOD INDUSTRY BY CATEGORY 2020



Note:

1. Market Size : B\$150.23 million
2. Others – Pickles, Meals Ready To Eat, Confectionery, Health & Beauty Products, Sago, Oil & Fat & Flour Products

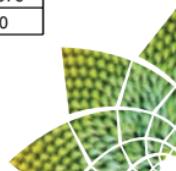
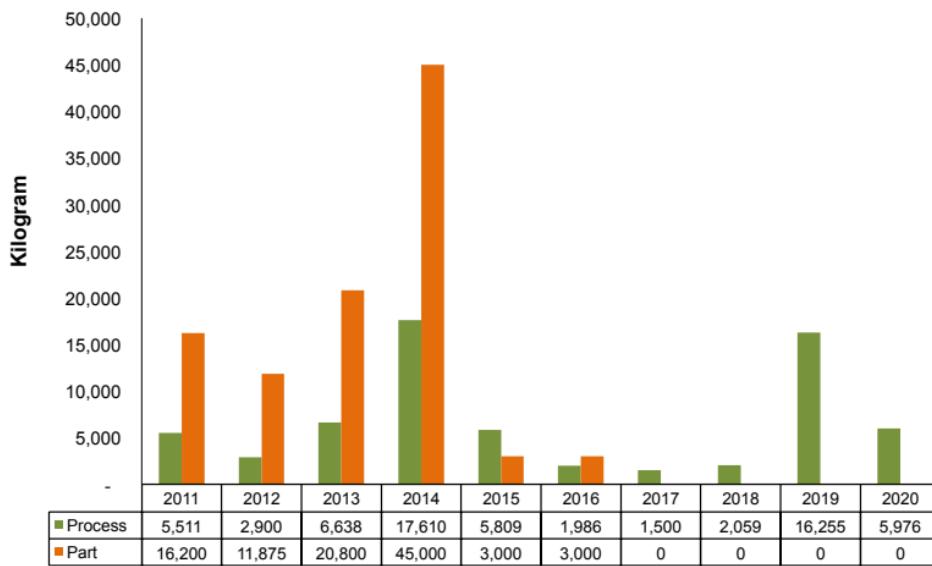


Export Industry

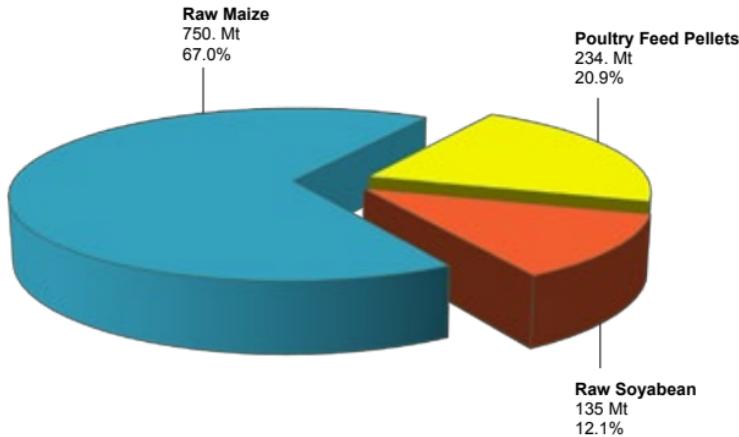




EXPORT TREND OF LIVESTOCK PRODUCT 2011 - 2020



EXPORT OF ANIMAL FEED 2020



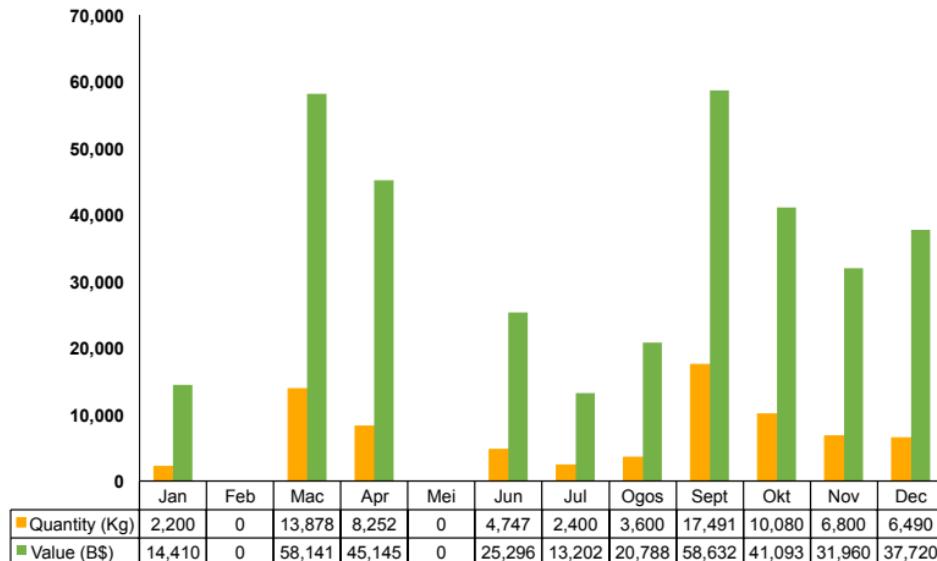
Note :

For year 2020, total export is 1,119 mt and export to Sarawak, Malaysia





EXPORT OF JAPANESE MUSKMELON 2020



Note :

In 2020, total 75,937 kg (B\$346,386.77) of Fresh Muskmelons are exported to China, Singapore & Malaysia.

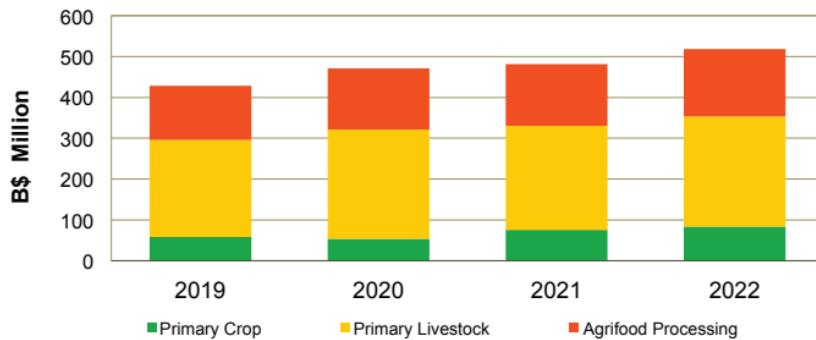


Target & Trajectory





TARGET & TRAJECTORY AGRICULTURE AND AGRIFOOD 2020 - 2022



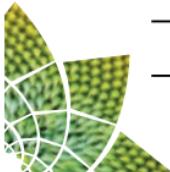
SECTOR / YEAR	2019	2020	2021	2022
1. Primary Crop	58.41	53.46	75.30	83.63
2. Primary Livestock	237.39	267.17	255.34	270.20
3. Agrifood Processing	132.47	150.23	150.80	164.11
TOTAL (B\$ Million)	428.27	470.86	481.44	517.94

Note :
MPRT Strategic Plan 2020 - 2022



NOTE







NOTE







For further inquiry please contact:

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