BRUNEI DARUSSALAM

Agriculture & Agrifood Statistics

2017

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PREFACE

Agriculture and Agrifood Sector continues to experience positive growth, with the transition from traditional or conventional methods of farming to technology-based system which has moved the sector forward. Agricultural development in this country has achieved great progress with the increase in commodity production for the past 5 years from $291.67 million in the year 2013 to $379.65 million in the year 2017.

'Agriculture & Agrifood Statistics In Brief' is published as an easy to read booklet which contains information on agriculture and agrifood statistics and facts in Brunei Darussalam and the development of agribusiness activities for the year 2017, which would be beneficial to all public and private sector, entrepreneurs, students and researchers.

Publication and distribution of this book is an effort by the Department to assist and facilitate, especially staff of the Department of Agriculture and Agrifood in assisting the public who wish to obtain the required information.

It is our hope that this will contribute to a more well-informed society in the agricultural and agrifood sector in Brunei Darussalam.

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AGRICULTURE AT A GLANCE

In ensuring the security of food supply and enhance economic contribution to GDP, Brunei Darussalam places much importance in agriculture and agrifood development. In this respect, the Department of Agriculture and Agrifood actively promotes development of various agricultural commodities as well as facilitates the outsourcing of raw materials and food supply.

It is a fact that agriculture & agrifood development is the main factor in sustaining national food supply and agrifood production. Agriculture & agrifood activities are mainly centered on the production of food commodities.

In 2017, the livestock sector continued to dominate the agriculture & agrifood sector development with the retail value at $199.81 million compared to crop sector with an output value of $59.65 million and agrifood processing with output value $120.19 million, which contributed about 53%, 16% and 31% to the total agriculture output, respectively. Poultry, eggs and tropical leafy vegetables are the commodities which have attained self-sufficiency level.

All this was achieved through the active involvement and increasing interest in commercial production by agricultural entrepreneurs as well as small and medium enterprises (SMEs) which have become a driving force for agricultural development in the country.

THE DEPARTMENT OF AGRICULTURE AND AGRIFOOD

Agriculture and Agrifood are the major source of the primary resources and manufacturing sectors which contributes to the growth of the Gross Domestic Product (GDP), Export and Economic Diversification.

Through the proposed strategic plan, it is expected that Agricultural productions will increase exponentially whereby the Livestock and Crop Industry will be the main contributor. The productions on the processing sectors will eventually increase from the contribution of Livestock and Crop Industry.

In effort to further develop the agriculture sector, especially in livestock and crop production, the Department of Agriculture and Agrifood is encouraging the involvement of local and foreign investors and increasing access to export market.

The core trust of the Department of Agriculture and Agrifood are:-

- **Growth**
  - ensuring growth and expansion of output continuously every year to contribute to GDP;

- **Productivity**
  - importance of the application of technology and modern techniques to increase productivity, drastic increase in production and reducing the unit cost of production;

- **Export**
  - reducing the dependence on small domestic market but should explore the export market to ensure business and increase in GDP; and

- **Sustainability**
  - the implementation of strategies and programs to increase the output of these sectors must be sustainable. In order to reduce dependency on government funding, 'public-private-partnership', participation of local and foreign investors and other appropriate approaches will be explored.

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VISION

Towards Increase in Productions of Agriculture and Agrifood Based Industries through Increasing Productivity And High Technology Oriented For Export

MISSION

To Accelerate The Growth of Agriculture and Agrifood Based Industry through High-Technology and Export Oriented, Encouraging Progressive Involvement of Local and Foreign Direct Investment, while focusing on High-Yield Production inclusive of Primary and Processing Industry

AGRICULTURE AND AGRIFOOD IN BRIEF 2017

Developed Agricultural Land

Livestock:	2,948.82	ha
Crops:	4,276.32	ha
TOTAL	**: 7,225.14**	**ha**

Agriculture/Agrifood Farmers & Entrepreneurs

Livestock:	822	Entrepreneurs
Crops:	4,333	Entrepreneurs
Agrifood :	390	Entrepreneurs
TOTAL :	**5,545**	**Entrepreneurs**

Gross Output of Agricultural Production

Livestock:	$199.81	million
Crops:	$59.65	million
Agrifood Processing:	$120.19	million
TOTAL:	**$379.65**	**million**

Agricultural Labour Force

Livestock:	1,753	Persons
Crops:	2,057	Persons
Agrifood:	3,875	Persons
TOTAL:	**7,685**	**Persons**

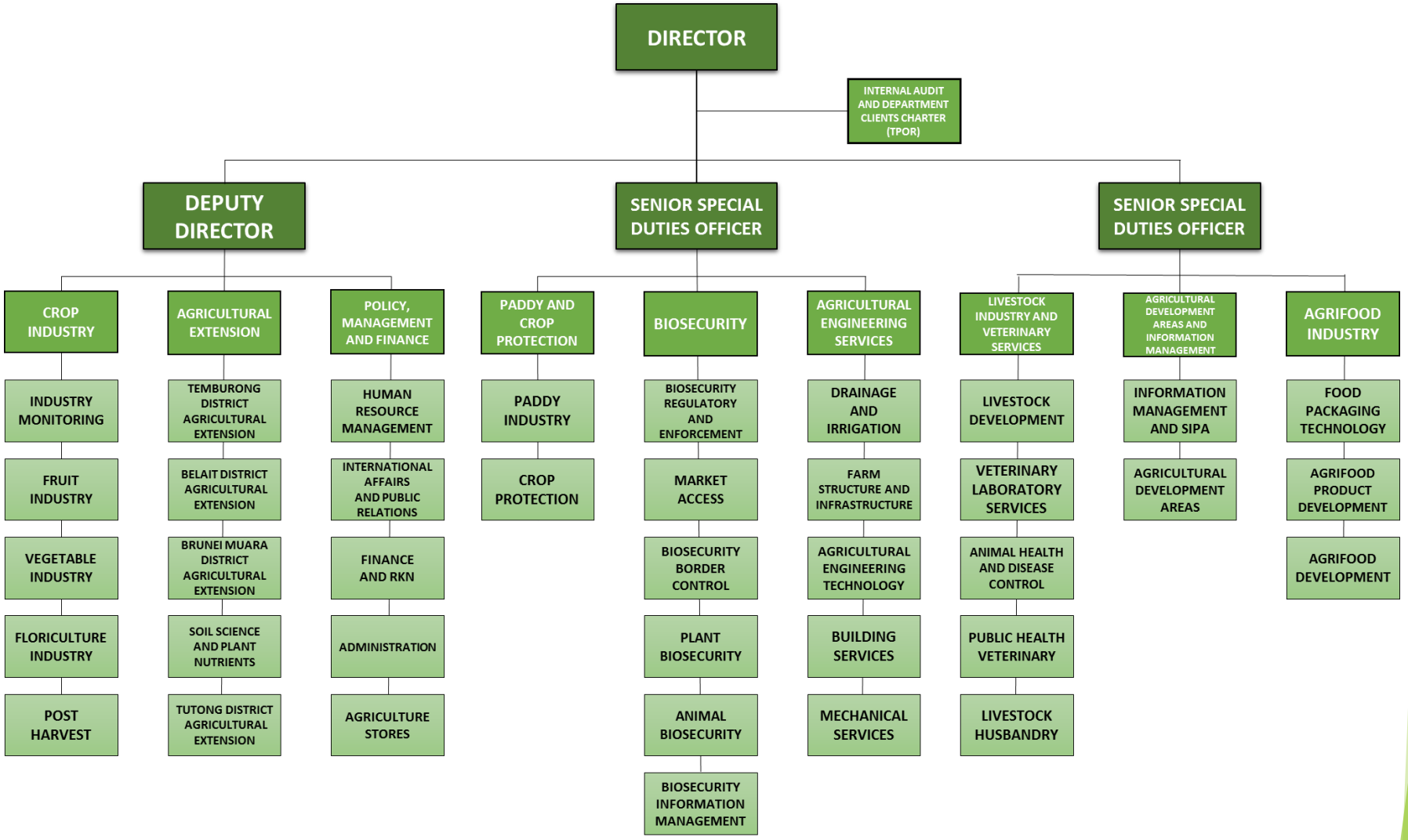
Brunei Population : 428,173 Persons

Note :

1/. Area include Agricultural Development Area (ADA), Existing Area (Ladang Sedia Ada) – EDR & TOL, Young Famer Area and Rural Agricultural Development Area (KPLB).

2/. Brunei Population – 2016 Population Census (Source : Department of Economic Planning and Development)

ORGANISATIONAL STRUCTURE

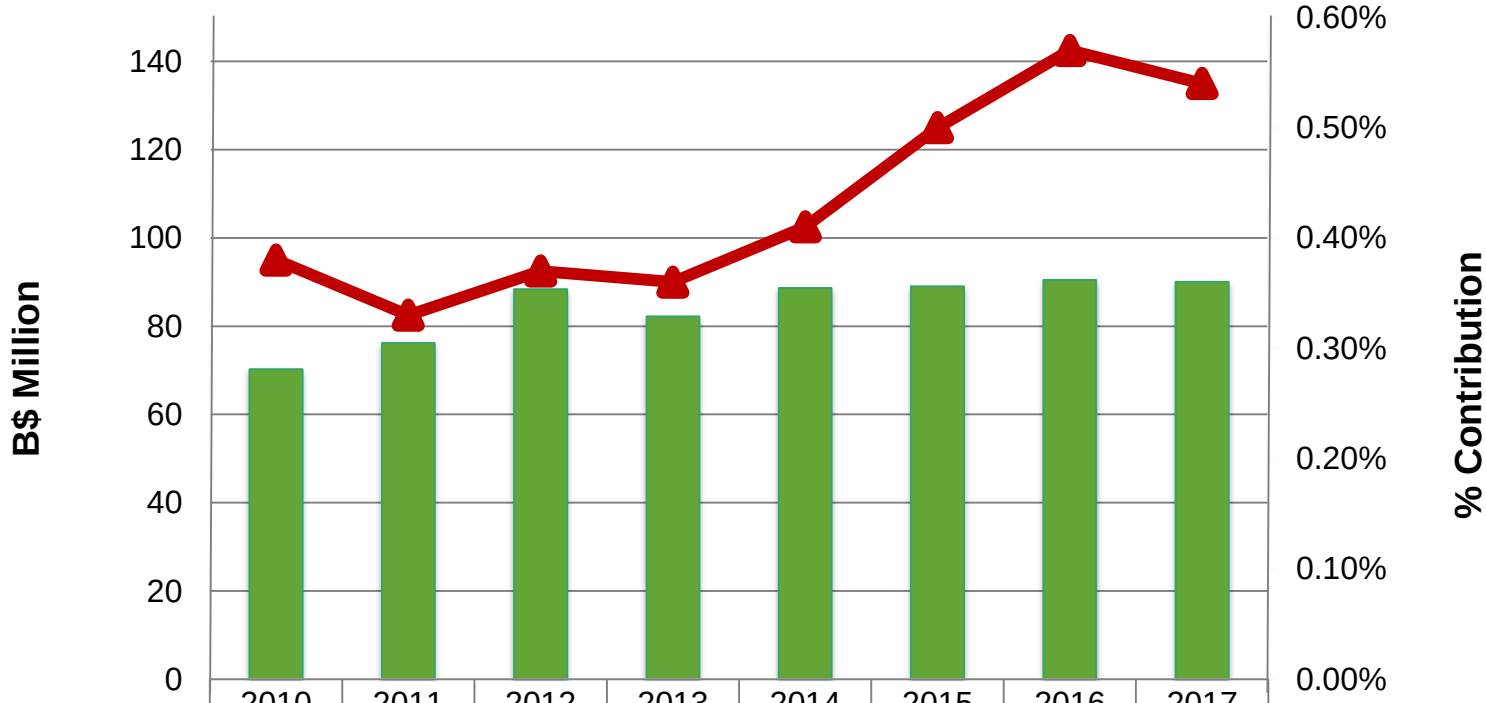


HUMAN RESOURCES

DIVISION	NO OF STAFF
I	1
II	59
III	110
IV	206
V	81
OPEN VOTE	368
DAILY PAID	173
Total	**998**

Source :
Human Resources Management Unit

AGRICULTURE GDP

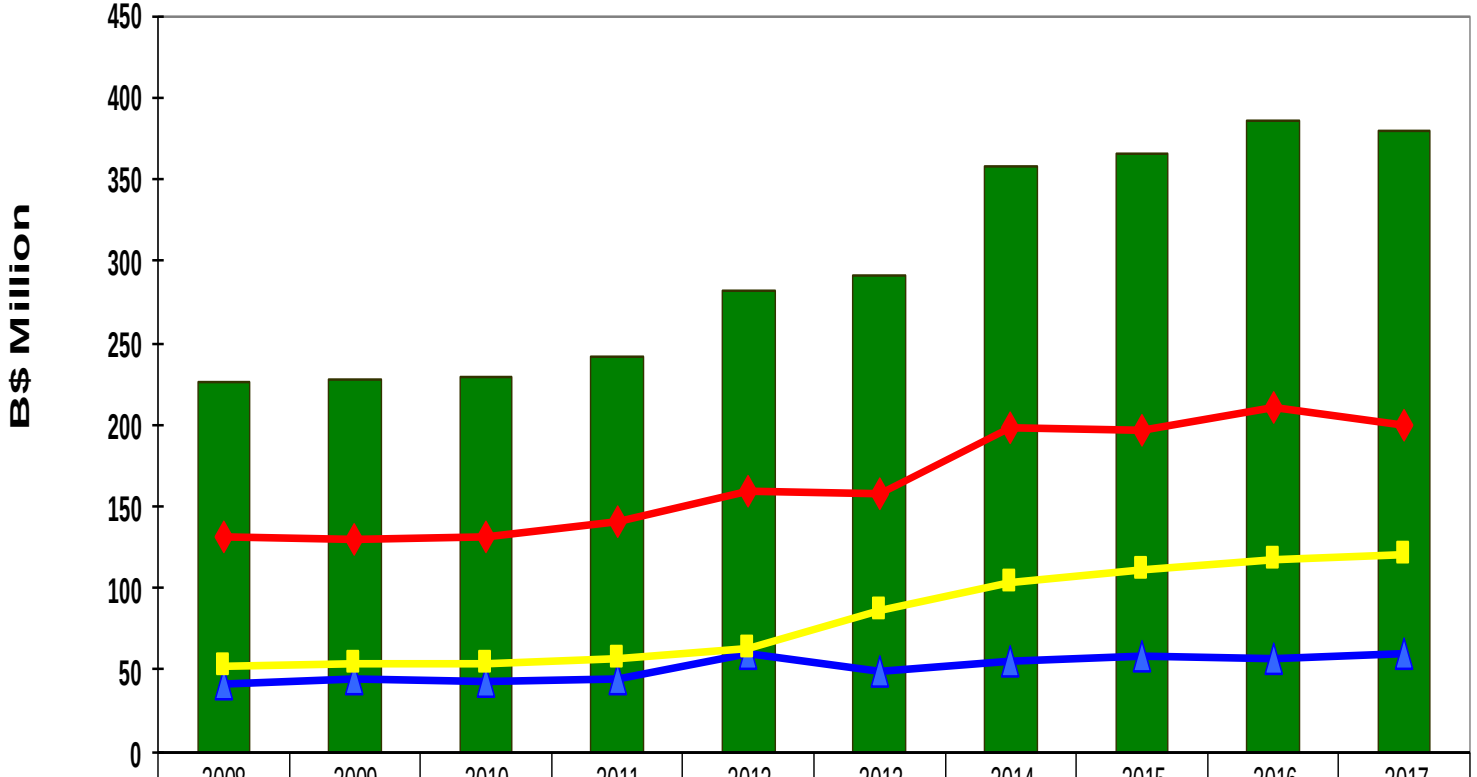


	2010	2011	2012	2013	2014	2015	2016	2017
Agriculture GDP (B$ Mil)	70.25	76.22	88.36	82.25	88.66	89.07	90.46	90.06
% Contribution	0.38%	0.33%	0.37%	0.36%	0.41%	0.50%	0.57%	0.54%

Note:

1. GDP for year 2017 is preliminary estimates and data calculated by using “base year 2010”
2. Source: Department of Economic Planning and Development

AGRICULTURAL GROSS OUTPUT



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Agriculture Production	225.44	228.26	228.43	240.96	281.52	291.67	357.25	366.15	385.18	379.65
Livestock Industry	131.57	130.10	131.99	139.89	159.43	156.97	198.58	197.14	210.83	199.81
Crop Industry	41.34	44.96	42.67	43.86	59.27	48.46	55.99	58.53	56.24	59.65
Agrifood Processing	52.53	53.20	53.76	57.21	62.83	86.24	102.68	110.48	118.11	120.19

RENTAL RATE FOR AGRICULTURAL DEVELOPMENT AREAS

NO	COMERCIAL AGRICULTURAL ACTIVITIES	DURATION RENTAL (Year)	RENTAL RATE ($/Ha/Year)
1	Vegetable	5	$25.00
2	Fruit	25	$25.00
3	Nursery (Floriculture, Grass & etc)	5	$50.00
4	Hatchery	10	$100.00
5	Poultry	5	$100.00
6	Goat	5	$5.00
7	Cow	10	$5.00
8	Deer	5	$5.00
9	Duck	5	$100.00
10	Tissue Culture	5	$50.00
11	Sugar Cane Planting	5	$25.00
12	Abattoir and Feedlot	10	$125.00
13	Agri-Mart	10	$500.00
14	Paddy	3	$12.50

Source :
Agriculture Development Area Unit, Department of Agriculture and Agrifood

AGRICULTURAL DEVELOPMENT AREAS 2017 BY DISTRICTS

NO	DISTRICT	GAZETTE AREA (Ha)	ALLOCATED AREA TO FARMERS (Ha)	STATIONS / OTHER USED (Ha)	BALANCE (Ha)
1	Brunei Muara	2,693.51	1,535.51	120.41	1,037.59
2	Tutong	1,886.37	431.43	62.83	1,392.11
3	Belait	804.25	258.84	9.82	535.59
4	Temburong	1,964.84	270.20	69.55	1,625.09
TOTAL		**7,348.97**	**2,495.98**	**262.61**	**4,590.38**

Source :
Agriculture Development Area Unit, Department of Agriculture and Agrifood

AGRICULTURAL DEVELOPMENT AREAS
BRUNEI MUARA DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTE AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Bebuloh	204.36	204.36	0	Fruits and Paddy
2	KKP Betumpu, Kg Masin	484.94	355.30	0	Vegetables, Fruits, Poultry, Goats, Ornamental Nursery, Hydroponics & etc
3	KKP Jerudong (PP Luahan)	73.33	73.33	0	Fruits, Vegetables and Poultry
4	KKP Kilanas (Station)	24.08	11.00	3.8	Hi-Tech Crops -Fertigation farming
5	KKP Limpaki, Kg Mulaut	90.54	30.0	17.0	Nursery/Grass, Feedlot, Ornamental & landscaping and Abattoir
6	KKP Luahan (Station)	20.10	15.5	4.6	Poultry
7	KKP Lumapas	38.86	22.9	0	Vegetables & Sweet Corns
8	KKP Lumapas (Station)	10.78	2.00	2	Agricultural Station
9	KKP Masin	134.66	134.66	0	Poultry (Ideal Multifeed Farm Sdn Bhd Brunei)
10	KKP Mentiri	10.66	1.5	0	Hatchery (DOC) and Nursery
11	KKP Mulaut (Station)	0.74	0.00	0.74	Agricultural Station
12	KKP Mulaut (Tapak Projek Penempatan Kerbau Mulaut)	141.30	25.00	39.0	Buffalo Grazing Area, Goats
13	KKP Mulaut, Kg Mulaut	29.656	4.2	7.8	Vegetables, Hatchery & Fodder
14	KKP Panchor Murai	165.00	55	0	Paddy

AGRICULTURAL DEVELOPMENT AREAS

BRUNEI MUARA DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTE AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
15	KKP Pengkalan Batu (Station)	3.73	3.73	0	Fruits and downstream activities
16	KKP Putat	0.88	0.88	0	Vegetables
17	KKP Rimba	32.83	10.90	18.97	Floriculture Nursery, Hi-Tech Nursery and Garden Centre
18	KKP Si Bongkok, Kg Batong & Kg Masin	141.00	79.50	0	Vegetables & Ornamentals Plants & Livestock
19	KKP Si Bongkok, Kg Parit	128.00	64.00	0	Poultry, Vegetables, Fruits & Ornamental Plants
20	KKP Sungai Tajau, Kg Wasan	116.69	99.00	0	Vegetables, Ornamental Nursery, Integrated Farming, Goats & Poultry
21	KKP Tanah Jambu (Station)	25.30	5.0	0	Hi-Tech Crops
22	KKP Tanah Tuah, Kg Kulapis	71.96	40.59	0	Poultry, Integrated Farming
23	KKP Tanjong Nangka	9.00	9.00	0	Poultry & Fruits
24	KKP Terunjing	25.3	5.00	0	Animal Clinic & Quarantine
25	KKP Tungku	233.81	26.35	3.5	Brunei Agro-Tech Park
26	KKP Wasan	476.00	256.81	23.0	Paddy, Poultry Slaughter House
TOTAL		**2,693.51**	**1,535.51**	**120.41**	

AGRICULTURAL DEVELOPMENT AREAS
TUTONG DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTE AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Bang Nukat, Lamumin (GP. 133)	0.32	0.00	0	
2	KKP Bang Nukat, Lamumin (GP. 400)	2.02	0.00	2.02	Agricultural Station
3	KKP Batang Mitus Buah	516.00	29.00	0	Fruits & Agricultural Station
4	KKP Batang Mitus Halaman	588.70	113.19	0	Hatchery, Abattoir House Processing, Goat & Fruits
5	KKP Birau (PP)	100.99	52.00	0	Broiler, Hatchery, Vegetables
6	KKP Birau (Station)	198.70	15.35	60.0	Broiler,Vegetables & Agricultural Station & Mushroom
7	KKP Kupang	59.99	59.99	0	Fruits
8	KKP Maraburong	196.84	22.00	0	Vegetables & Poultry
9	KKP Padnunok/ Sungai Burong, Liudang	112.80	95.00	0	Broiler & Deer
10	KKP Sinaut	54.90	24.90	0	Hi-Tech Crops -Fertigation farming, Fruits, Nursery & Etc
11	KKP Sungai Paku	30.00	20.00	0	Breeder,Hatchery & Poultry
12	KKP Supon Besar	0.81	0.00	0.81	Agricultural Station
13	KKP Tanjong Maya	24.30	0.00	0	Paddy
TOTAL		**1,886.37**	**431.43**	**62.83**	

AGRICULTURAL DEVELOPMENT AREAS
BELAIT DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTE AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Buau	1.99	0.00	1.99	Agricultural Station
2	KKP Kenapol (Labi Agricultural Station)	3.01	0.00	3.01	Agricultural Station
3	KKP Labi lama, Kg Tarunan, Labi	50.00	50.00	0	Fruits
4	KKP Lilas	14.61	7.52	0	Goat, Fertigation farming, Watermelon & Vegetables
5	KKP Lot Sengkuang, Labi	45.00	45.00	0	Paddy
6	KKP Merangking, Bukit Sawat	484.00	60.00	0	Fruits
7	KKP Mumong, Mukim Kuala Belait	21.19	0.00	0	Agribusiness
8	KKP Rampayoh, Kg Labi	120.82	52.50	0	Feedlot, Fruits, Vegetables, Poultry and Goats
9	KKP Singap (Bukit Sawat Agricultural Station)	2.00	0.00	2	Agricultural Station
10	KKP Sungai Liang	9.71	4.62	0.90	Hydroponics, Watermelon & Agricultural Station
11	KKP Sungai Petai, Mukim Labi	50.00	39.20	0	Poultry & Vegetables
12	KKP Tanjong Sudai	1.92	0.00	1.92	Agricultural Station
TOTAL		**804.25**	**258.84**	**9.82**	

AGRICULTURAL DEVELOPMENT AREAS
TEMBURONG DISTRICT

NO	AGRICULTURAL DEVELOPMENT AREAS	GAZETTE AREA (Ha)	AWARDED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1	KKP Bakarut	37.00	0.00	0	Fruits/ Goats
2	KKP Labu Estate	99.94	37.80	0	Fruits
3	KKP Lakiun	999.95	200.00	0.3	Paddy
4	KKP Pedayan	59.98	0.00	17.00	Arboretum/ Paddy
5	KKP Puni	1.95	0.00	1.95	Temburong Agriculture Office
6	KKP Selangan	55.59	10.00	0	Ornamental Plants
7	KKP Selapon A	79.98	6.00	0	Fruits
8	KKP Selapon B	292.05	10.00	0	Fruits & Paddy
9	KKP Semabat	250.30	0.00	50.3	Agricultural Station
10	KKP Senukoh A	56.10	6.40	0	Paddy
11	KKP Senukoh B	32.00	0.00	0	Paddy
TOTAL		**1,964.84**	**270.2**	**69.55**	

Source :
Agriculture Development Area Unit, Department of Agriculture and Agrifood

KPLB LAND AREAS
BRUNEI MUARA DISTRICT

NO	RURAL AGRICULTURAL DEVELOPMENT	GAZETTE AREA (Ha)	AWARDED / CULTIVATED AREA TO FARMERS (Ha)	STATIONS OR OTHERS (Ha)	AGRICULTURAL ACTIVITIES
1.	KPLB Bukit Pawas, Kg Lumapas	99.00	40	0	Fruits
2.	KPLB Kulapis	32.00	32	0	Fruits
3.	KPLB Masin A	42.09	42.09	0	Fruits
4.	KPLB Pengkalan Batu	43.97	43.97	0	Fruits
5.	KPLB Tempayan Pisang	34.39	34.39	0	Fruits
TOTAL		**251.45**	**192.45**	**0.00**	

Source :
Agriculture Development Area Unit, Department of Agriculture and Agrifood

LIVESTOCK Industry

SUMMARY OF THE LIVESTOCKS INDUSTRY DEVELOPMENT 2017

AGRICULTURE COMMODITY	LOCAL		IMPORT		TOTAL	SELF-SUFFICIENCY
	Quantity	Retail Value ($mil)	Quantity	CIF Value ($mil)	Quantity	%
Broilers (mt)	23,282.70	106.53	1,6140.02	4.17	24,896.72	93.52%
Eggs (mil eggs)	150.81	25.41	0.45	0.05	151.26	99.70%
Beef – Buffalo & Cattle (mt)	80.18	1.048	4,628.10	27.09	4,708.27	1.70%
Goat Meat (mt)	9.70	0.148	5.18	0.03	14.88	65.18%
Day Old Chicks (mil heads)	15.72	18.86	1.33	1.09	17.05	92.20%
Fertilized Eggs (mil egg)	10.65	8.52	4.22	2.26	14.87	71.63%
Miscellaneous Livestock (mt)	309.86	1.86	n/a	n/a	n/a	n/a
Animal Feed (mt)	48,563	37.43	97,845.93	40.79	146,409.16	33.17%
TOTAL		**199.81**		**75.47**		

LIVESTOCK LAND AREAS 2017

COMMODITIES	BRUNEI/ MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Ha)
Broiler (Chicken Meat)	154.12	21.80	96.26	1.60	**273.78**
Layer (Egg)	45.38	14.40	0.00	0.00	**59.78**
Day Old Chicks	16.00	0.00	57.90	0.00	**73.90**
Fertilized Eggs	0.00	0.00	40.00	0.00	**40.00**
Buffalo	1,022.85	16.37	787.45	123.12	**1,949.79**
Cattle	22.08	27.24	106.72	28.17	**180.58**
Goats	91.69	64.51	104.32	17.30	**277.82**
Deer	15.25	0.10	14.10	2.50	**31.95**
Sheep	10.82	24.06	0.00	21.64	**56.52**
Animal Feed	4.70	0.00	0.00	0.00	**4.70**
TOTAL (Ha)	**1,382.89**	**172.48**	**1,99.12**	**164.63**	**2,948.82**

Note :

Area include Agricultural Development Area (ADA), Young Farmer Area, Existing Area and Rural Agricultural Development Area.

LIVESTOCK ENTREPRENEURS 2017

AGRICULTURE COMMODITY	BRUNEI / MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Entrepreneurs)
Broilers	31	6	14	5	**56**
Eggs	4	4	0	0	**8**
Day Old Chicks	4	0	3	0	**7**
Fertilized Eggs	0	0	2	0	**2**
Buffalo	94	7	117	15	**233**
Cattle	19	14	29	4	**66**
Goats	170	37	73	13	**293**
Deer	9	1	6	2	**18**
Sheep	8	2	0	11	**21**
Miscellaneous Livestock	31	13	16	51	**111**
Animal Feed	7	0	0	0	**7**
Total (Entrepreneurs)	**377**	**84**	**260**	**101**	**822**

BROILER INDUSTRY 2017

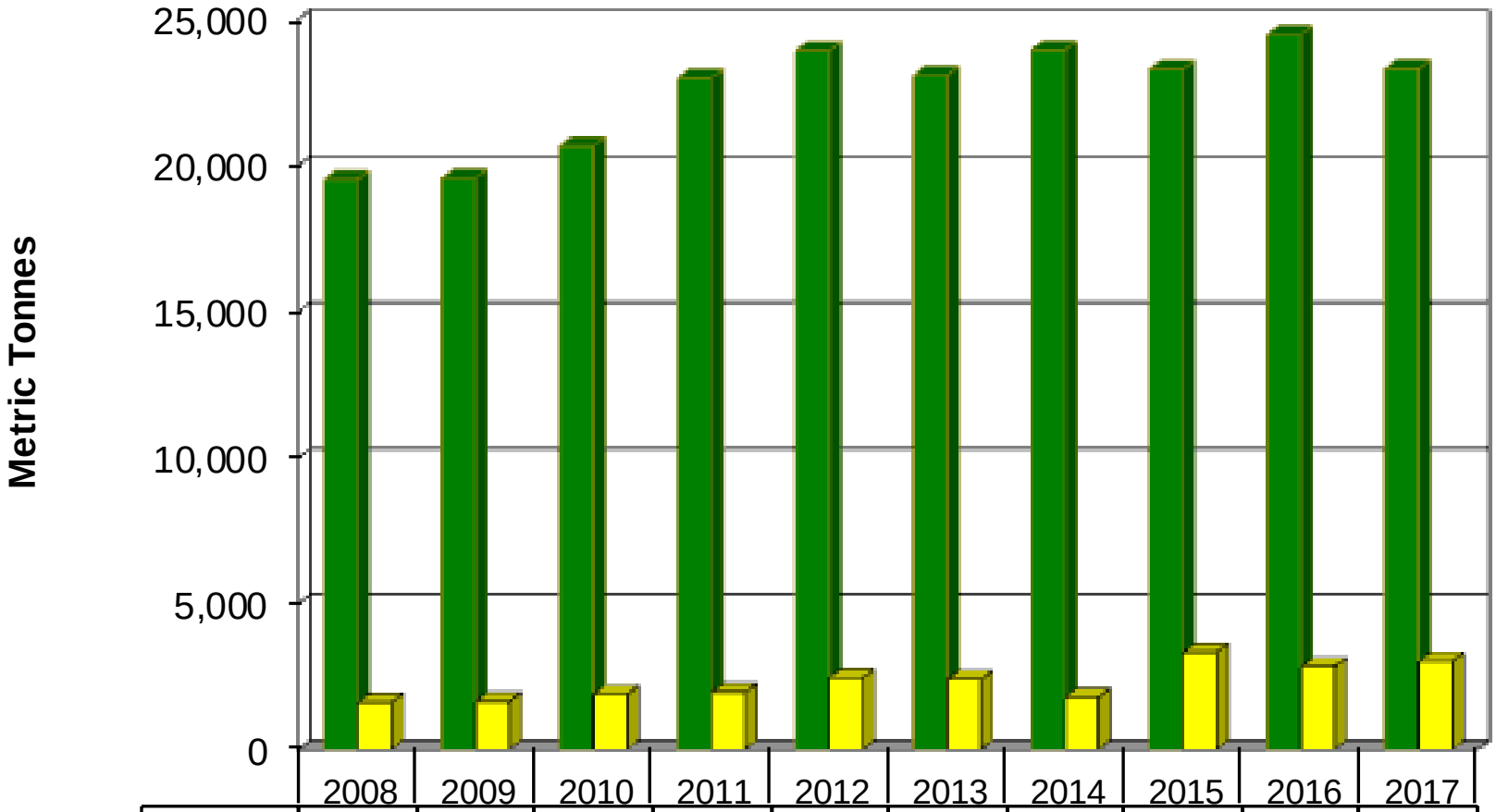
Total Consumption	**24,896.72**	**mt**
Retail Value (B$)	111.11	million
Per Capita Consumption (kg/yr)	58.1	kg
Total Day Old Chick	**17,050,890**	**birds**
Local	15,720,290	birds
Import	1,330,600	birds
Price Per Chick (B$)	1.20	/bird
No. of Slaughter Broiler	**15,521,799**	**birds**
Mortality Rate	10.3	%
Growth Period	7	weeks
Average Dressed Weight (kg)	1.50	/bird
No of Entrepreneurs	56	persons

Local Production	**23,282.7**	**mt**
Retail Value (B$)	106.53	million
Percentage Production	93.5	%
(not included process product)		
Import (Chilled & Frozen) *	**1,614.4**	**mt**
CIF Value (B$)	4.17	million
Est. Retail Value (B$)	4.58	million
Percentage Import	6.5	%
Average Retail Price (B$)		
Whole Chicken	4.57	/kg
Average CIF Price (B$)		
Whole	3.38	/kg
Part	3.80	/kg
Further Process	2.56	/kg
Process	4.41	/kg
Brunei Population	428,173	persons

Note :

* Imports in whole, part and for further process only (not including processed products).

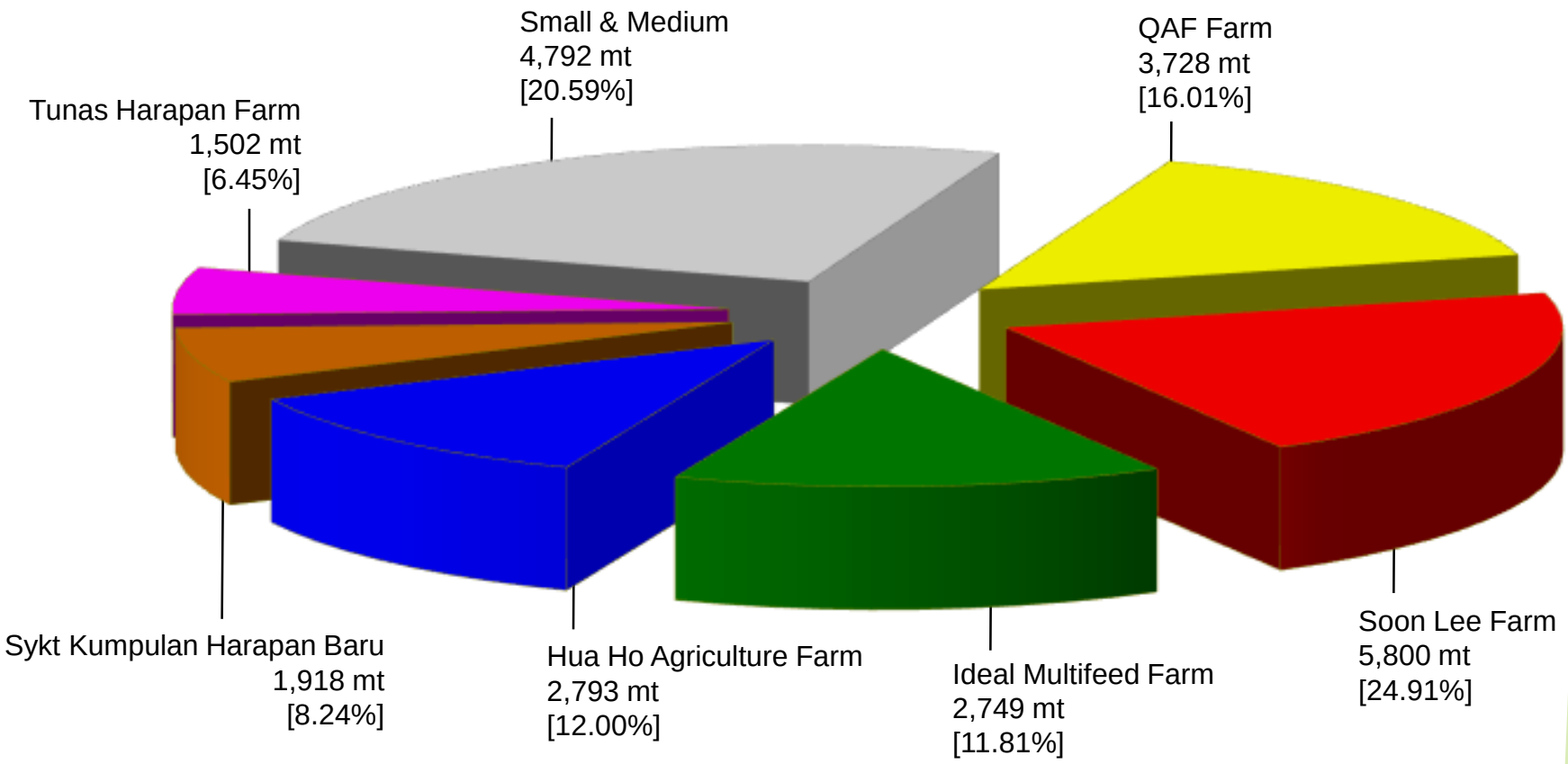
BROILER INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	19,485	19,536	20,635	22,962	23,902	23,062	23,932	23,264	24,452	23,283
Import	1,615	1,640	1,887	1,954	2,459	2,399	1,789	3,318	2,826	3,014

Note :
Import include process product

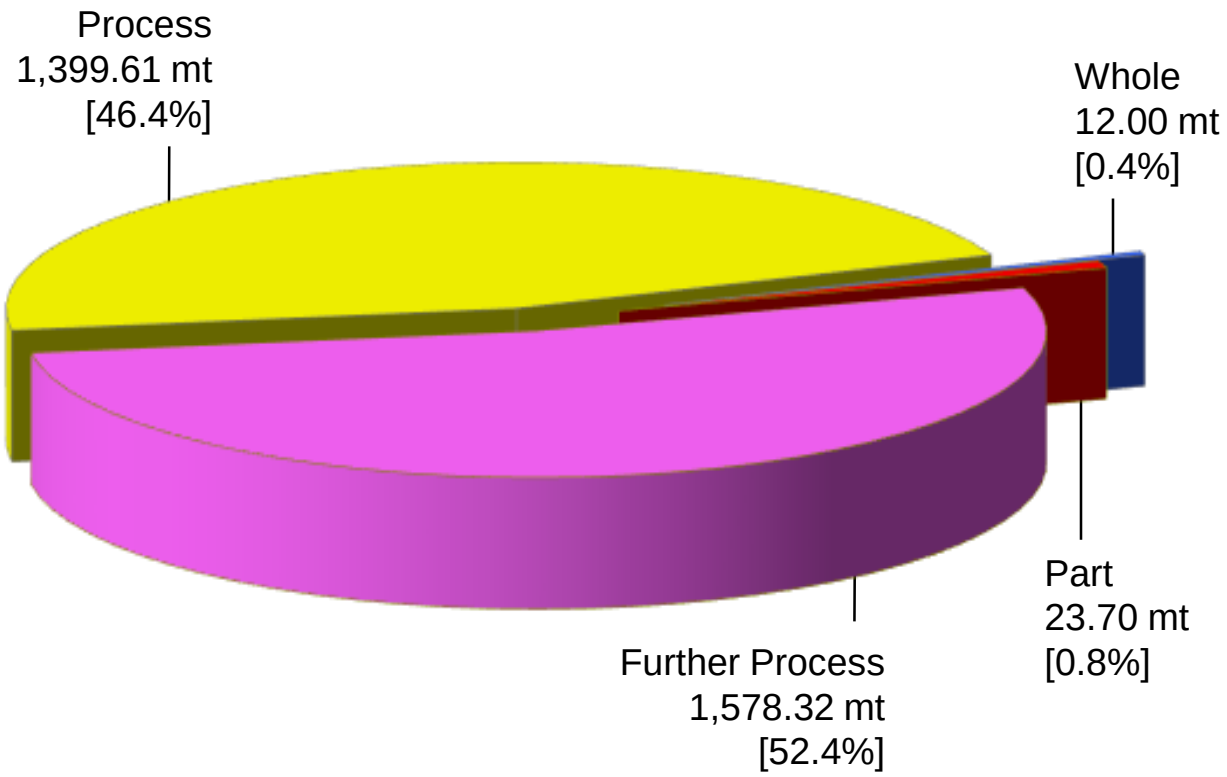
PRIVATE SECTOR CONTRIBUTION IN BROILER PRODUCTION 2017 (CHICKEN MEAT)



Note:

Market Size:	23,283 mt (B$106.53 million)
Large-Scale Company	79.4%
Small & Medium Company	20.6%

CHICKEN MEAT IMPORT (CHILLED & FROZEN) BY CATEGORY 2017



Note :

Import from Malaysia

EGG INDUSTRY 2017

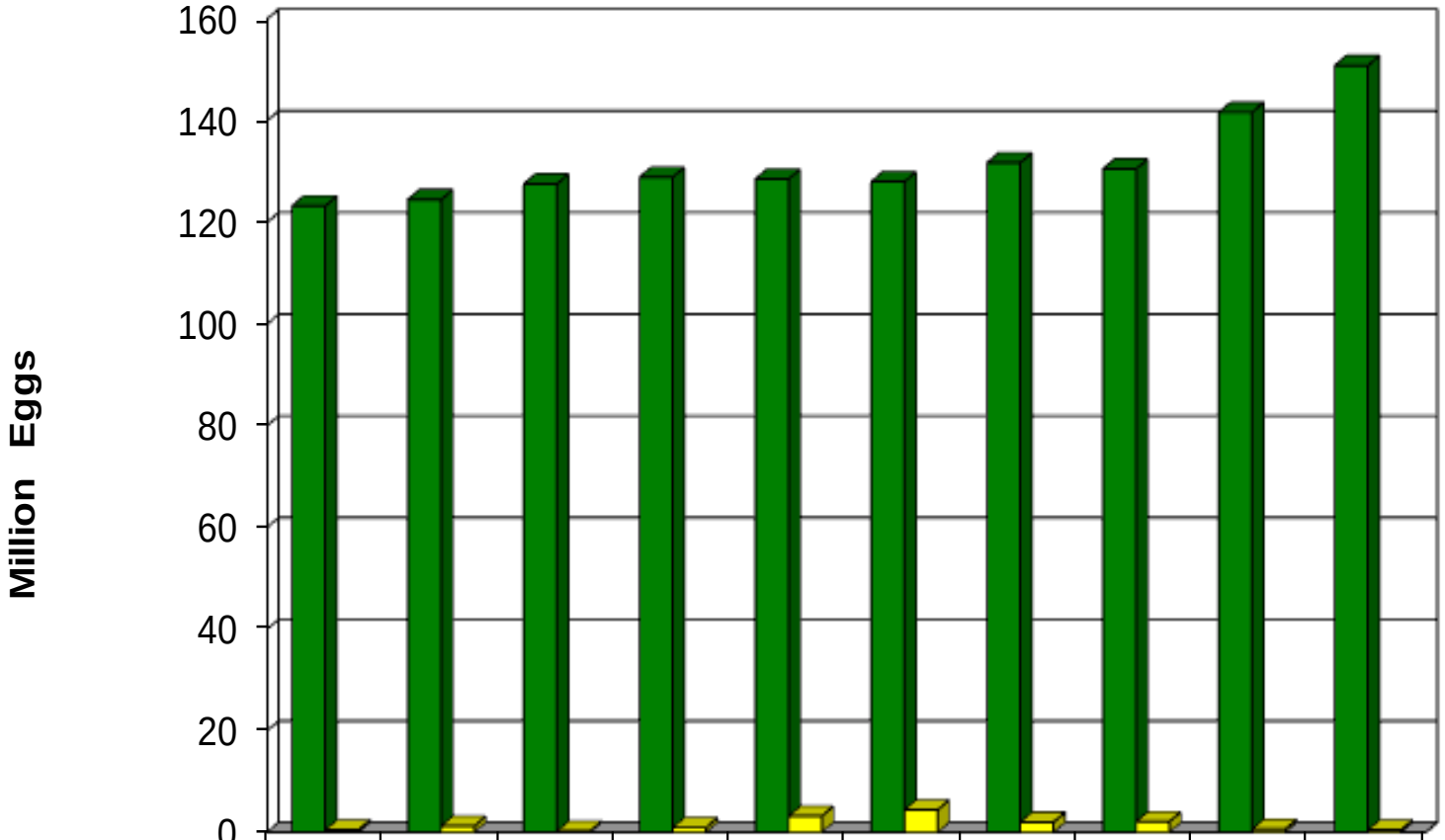
Total Consumption	**151.26**	**mil eggs**
Retail Value (B$)	25.49	million
Per Capita Consumption (egg/yr)	353	eggs
Local Production	**150.81**	**mil eggs**
Retail Value (B$)	25.41	million
No. of Layer	1,018,096	birds
Area	59.78	ha

Import	**0.45**	**mil eggs**
CIF Value (B$)	0.05	million
Est Retail Value (B$)	0.08	million
Percentage Import	0.3	%
Self-Sufficiency	99.7	**%**
Average Retail Price (B$)	0.16	/egg
Brunei Population	428,173	persons

LOCAL PRODUCTION

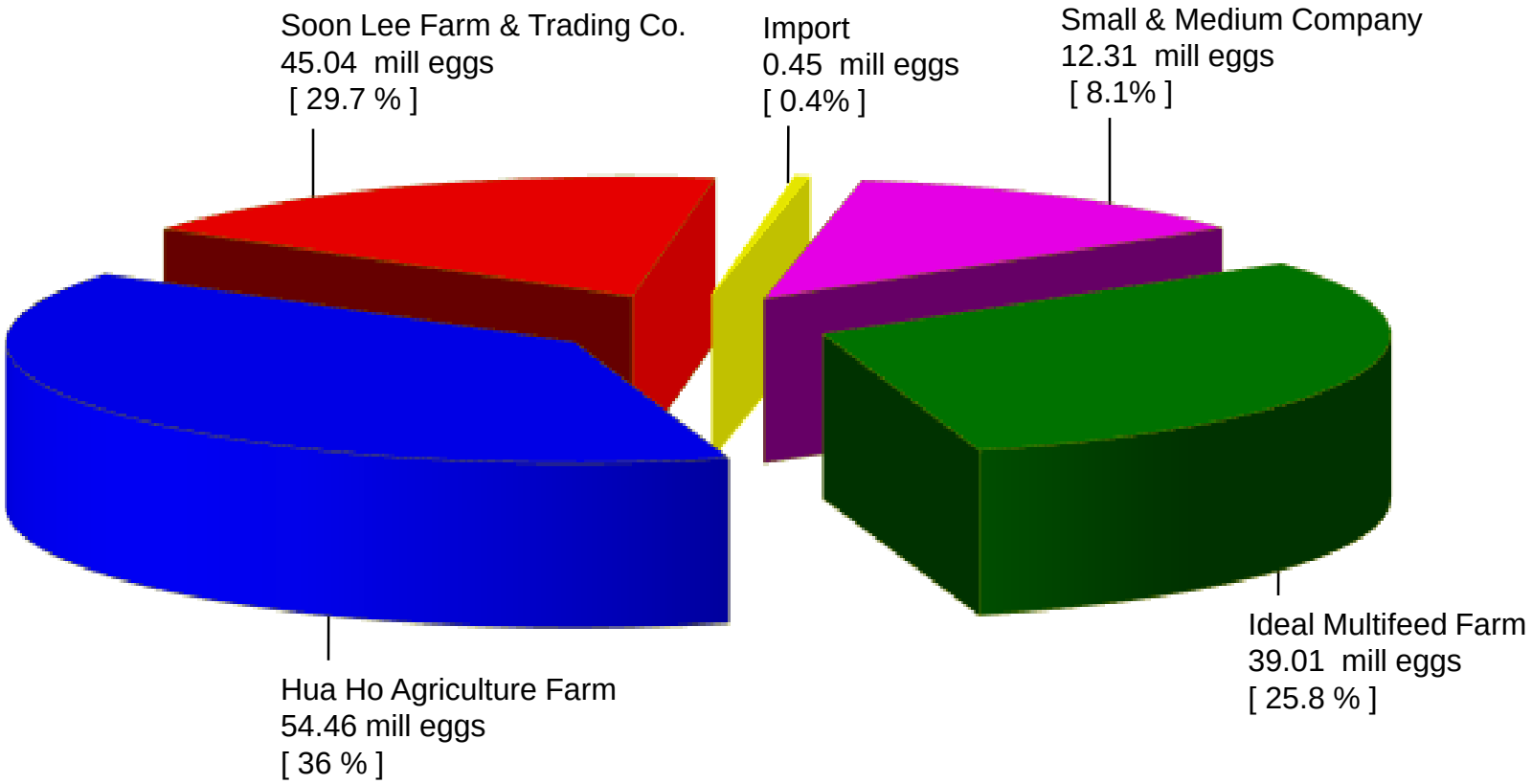
DISTRICT	QUANTITY (Mil. Eggs)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)	NO OF FARMS
Brunei/Muara	101.45	17.69	67.3 %	4
Belait	49.36	7.72	32.7 %	4
TOTAL	**150.81**	**25.41**	**100 %**	**8**

EGG INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	123.21	124.48	127.54	128.87	128.51	127.98	131.7	130.5	141.6	150.8
Import	0.45	1.20	0.20	0.93	3.15	4.40	1.98	2.08	0.61	0.45

PRIVATE SECTOR CONTRIBUTION IN EGGS PRODUCTION 2017



Note :

Market Size:	150.81 million eggs (B$25.41 million)
Large-Scale Company	92%
Small & Medium Company	8%

DOC HATCHERY INDUSTRY 2017

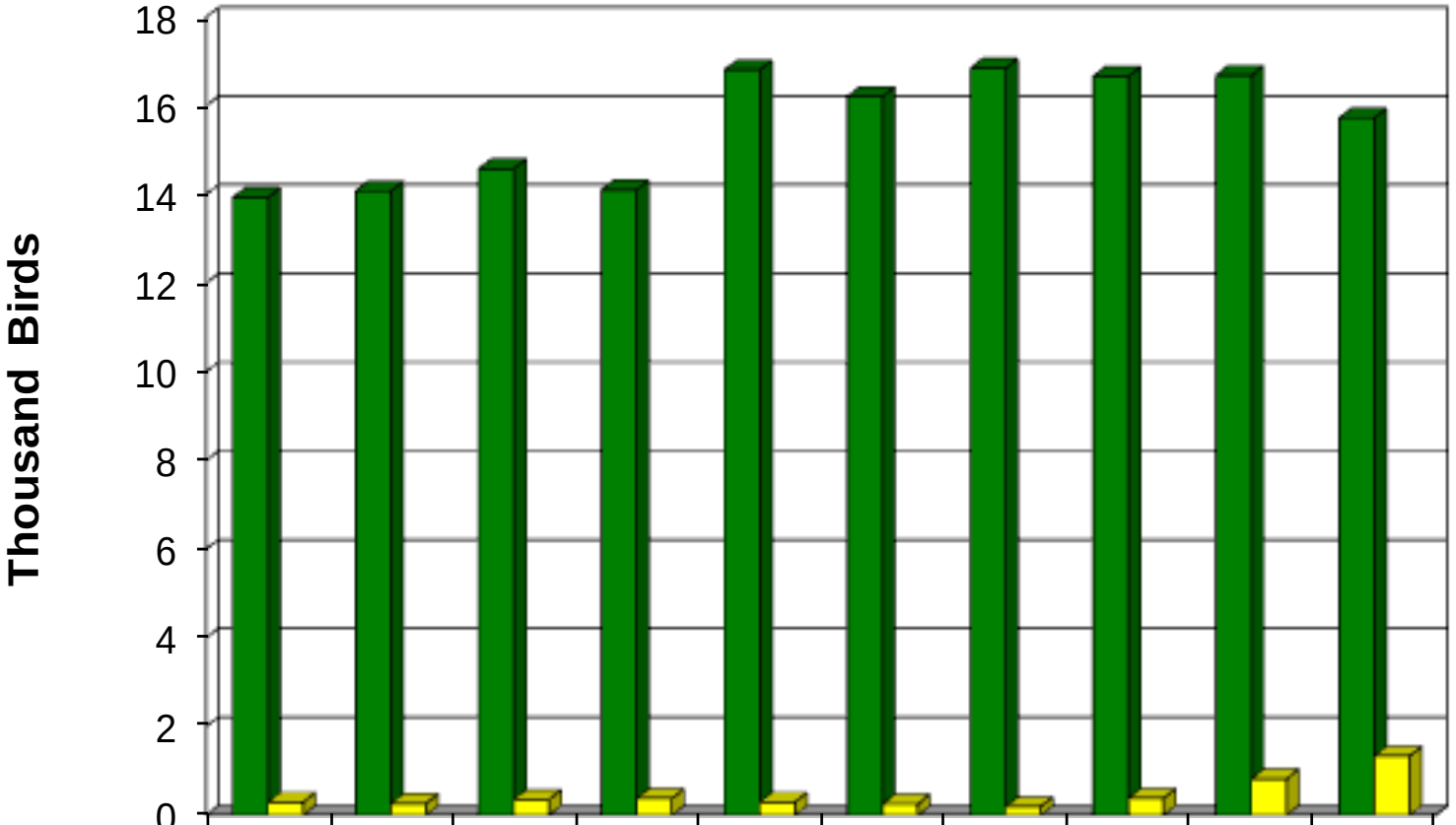
Total Consumption	**17.05**	**mil birds**
Retail Value (B$)	20.46	million
Local Production	**15.72**	**mil birds**
Retail Value (B$)	18.86	million
Percentage Production	92.2	%
Price Per Chick (B$)	1.20	/bird

Import	**1.33**	**mil birds**
CIF Value (B$)	1.09	million
Retail Value (B$)	1.60	million
Percentage Import	7.8	%

LOCAL PRODUCTION

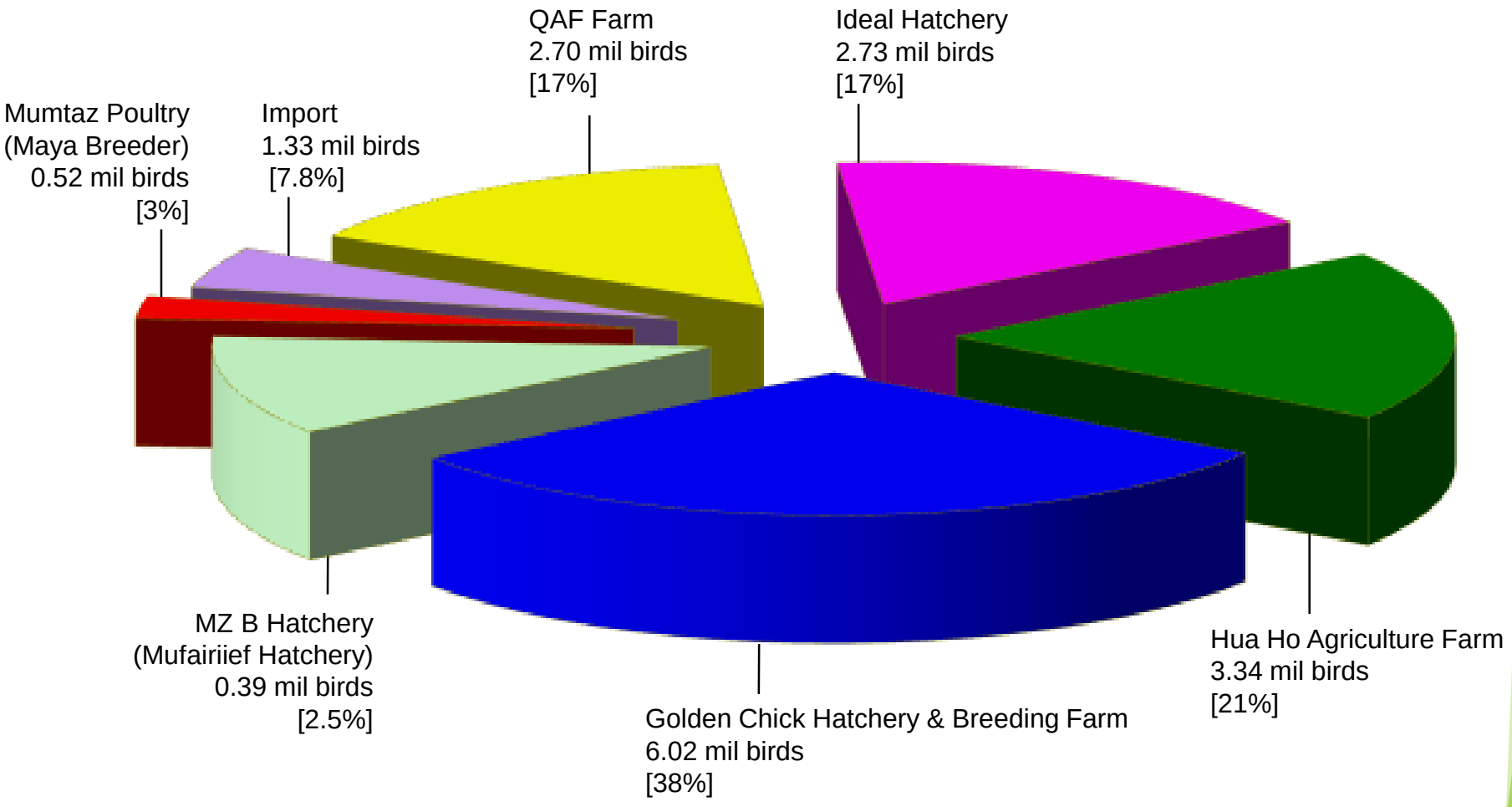
DISTRICT	QUANTITY (Mil. Birds)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)
Brunei/Muara	4.27	5.12	27.1
Tutong	11.46	13.75	72.9
TOTAL	**15.72**	**18.86**	**100.0**

DOC INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	13.92	14.07	14.57	14.10	16.80	16.20	16.84	16.66	16.68	15.72
Import	0.29	0.26	0.35	0.38	0.29	0.25	0.19	0.38	0.82	1.33

PRIVATE SECTOR CONTRIBUTION IN DAYS OLD CHICKS PRODUCTION 2017



Note:

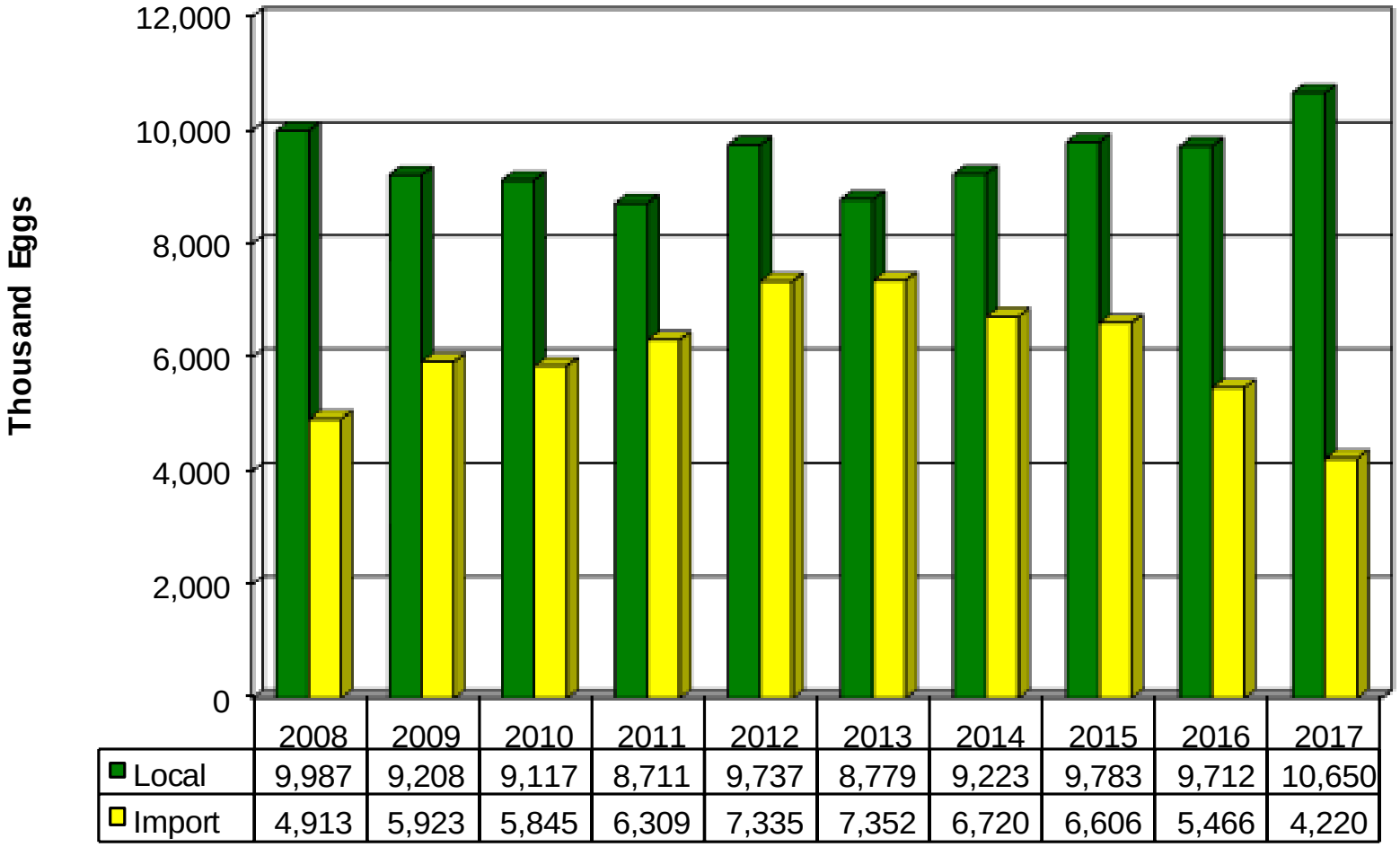
Market Size:	17.05 million birds (B$20.46 million)
Local Production	92.2 %
Import	7.8 %

FERTILIZED EGGS INDUSTRY 2017

Total Consumption	**14.87**	**mil eggs**
Retail Value (B$)	11.89	million
Local Production	**10.65**	**mil eggs**
Retail Value (B$)	8.52	million
Self-Sufficiency	71.6	%
No. of Layer	221,955	birds

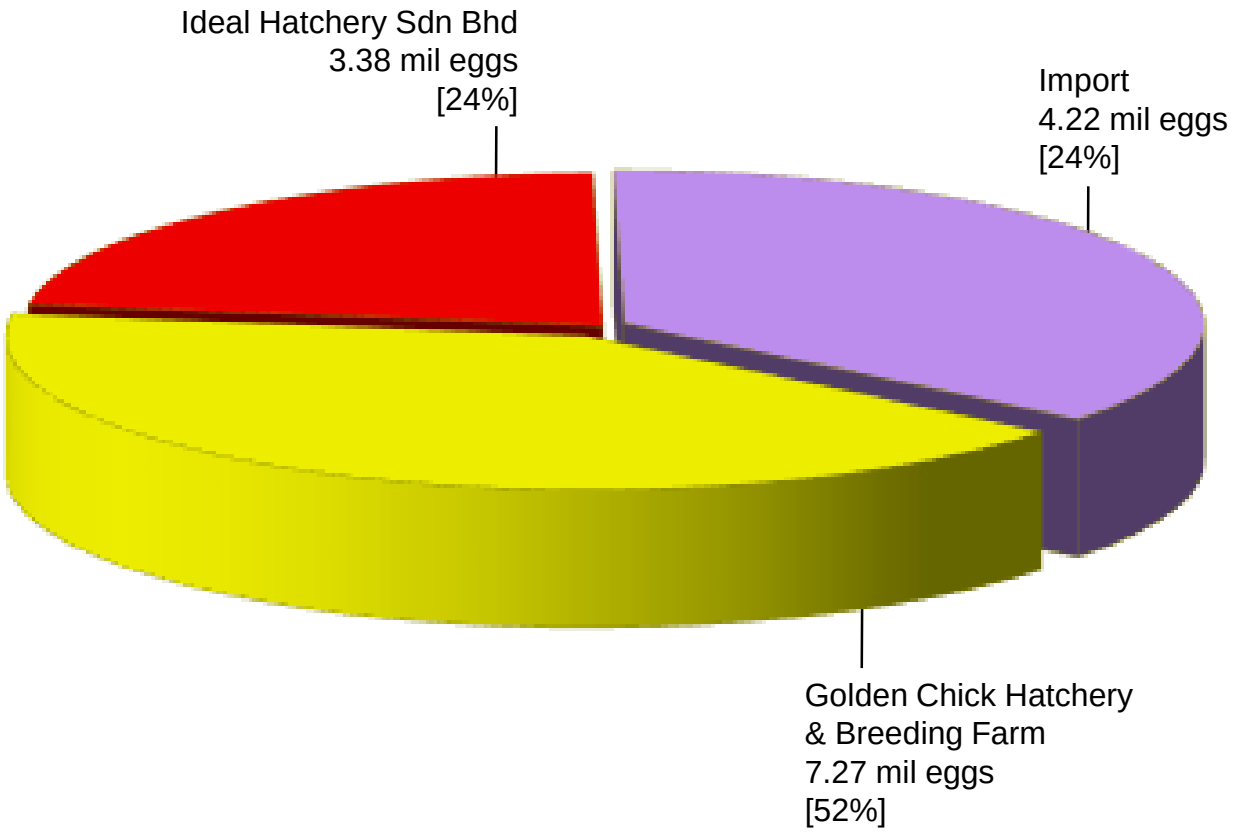
Import	**4.22**	**mil eggs**
CIF Value (B$)	2.26	million
Retail Value (B$)	3.37	million
Percentage Import	28.4	%
Average Retail Price (B$)	0.80	/egg

FERTILIZED EGGS INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	9,987	9,208	9,117	8,711	9,737	8,779	9,223	9,783	9,712	10,650
Import	4,913	5,923	5,845	6,309	7,335	7,352	6,720	6,606	5,466	4,220

PRIVATE SECTOR CONTRIBUTION IN FERTILIZED EGGS PRODUCTION 2017



Note:

Market Size:	10.65 mil eggs (B$8.52 million)
Local Production	71.6 %
Import	28.4%

BEEF INDUSTRY 2017

Total Consumption	**4,708.27**	**mt**
Buffalo	2,871.96	mt
Cattle	1,836.32	mt
Retail Value (B$)	**69.36**	**million**
Buffalo (B$)	31.38	million
Cattle (B$)	37.96	million
Per Capita Consumption	**11.00**	**kg/yr**
Local (Slaughtered)	**507**	**heads**
Dressed Weight	80.18	mt
Retail Value (B$)	1.05	million
Percentage Production	**1.70**	**%**
Total Import (Live) * **	**7,543**	**heads**
CIF Value (B$)	11.54	million
Est. Live Weight	2,746.87	mt

Live Import (Slaughtered) *	**7,325**	**heads**
Dressed Weight	1,625.74	mt
Est. CIF Value (B$)	9.69	million
Retail Value (B$)	28.48	million
Percentage Import	**34.53**	**%**
Import (Chilled & Frozen) **	**3,002.36**	**mt**
CIF Value (B$)	17.40	million
Retail Value (B$)	39.83	million
Percentage Import	**63.77**	**%**
Average Retail Price (B$)		
Cattle Meat (B$)	13.85 – 35.24	/kg
Buffalo Meat (B$)	9.01 – 13.33	/kg
Brunei Population	428,173	Persons

Note :

* - *Alive livestock that slaughtered for year 2017*

** - *Import (Chilled & Frozen) only part & for further process (not included process product)*

*** - *Total overall alive livestock imported to Brunei for the year 2017*

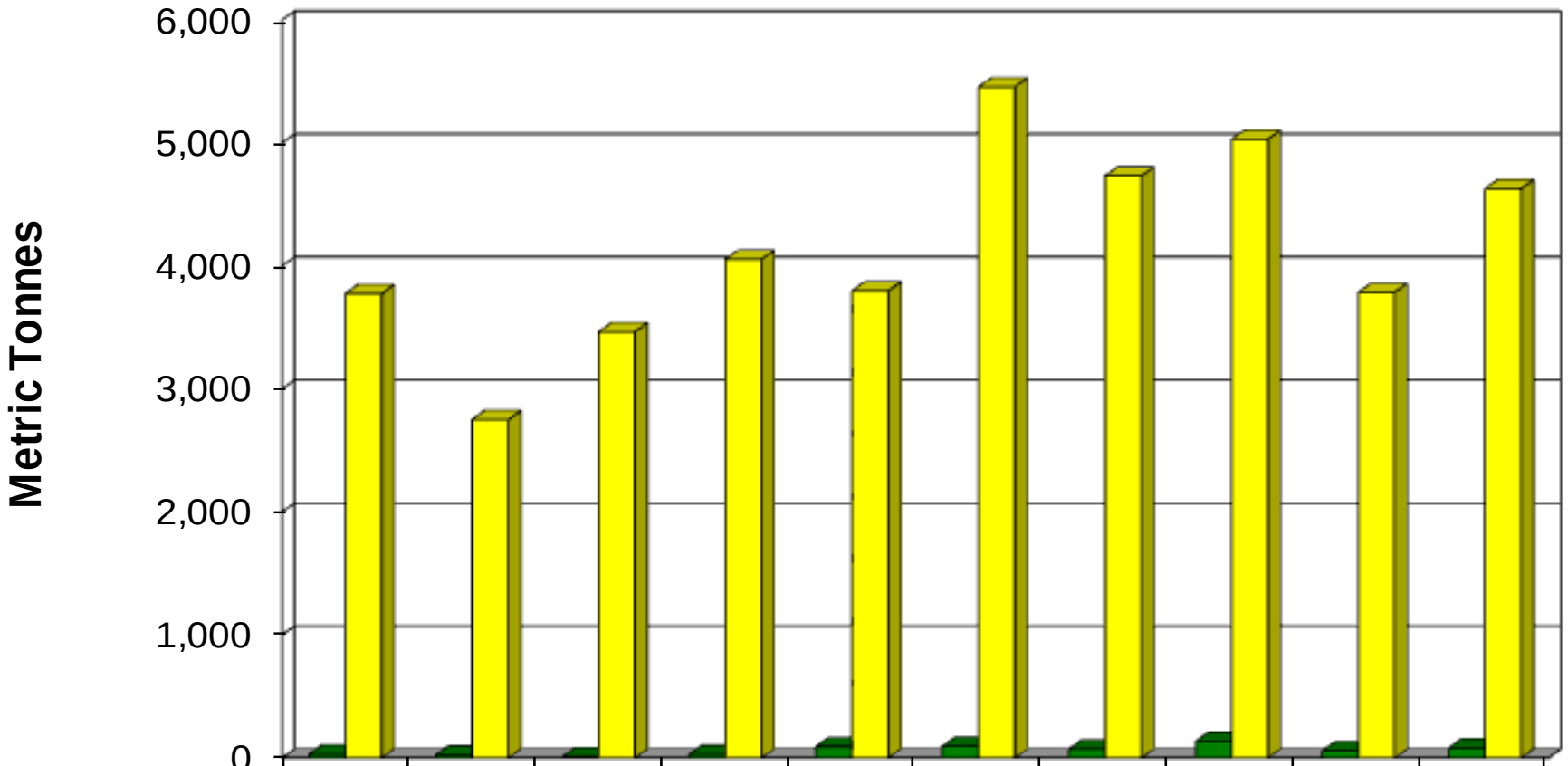
SUMMARY OF BEEF INDUSTRY 2017

TYPE OF LIVESTOCK	LOCAL (ALIVE)				
	Quantity (Head)	Live Weight (Kg)	Dressing (%)	Dressed Weight (Mt)	Retail Value (B$)
Buffalo	336	117,600	50%	58.80	612,723.65
Cattle	171	42,750	50%	21.38	435,335.00
TOTAL	**507**	**160,350**		**80.18**	**1,048,058.65**

TYPE OF LIVESTOCK	IMPORT ALIVE (SLAUGHTERED)				
	Quantity (Head)	Live Weight (Kg)	Dressing (%)	Dressed Weight (Mt)	Retail Value (B$)
Buffalo	2,218	887,200	52%	461.34	4,971,297.76
Cattle	5,107	1,940,660	60%	1,164.40	23,507,613.05
TOTAL	**7,325**	**2,827,860**		**1,625.74**	**28,478,910.81**

TYPE OF LIVESTOCK	IMPORT (CHILLED & FROZEN) – PART & FOR FURTHER PROCESS			
	Quantity (Mt)	C.I.F Value (B$)	C.I.F Price (B$/Kg)	Retail Value (B$)
Buffalo	2,351.81	13,046,166.79	5.55	25,799,577.18
Cattle	650.55	4,352,869.91	6.69	14,032,237.04
TOTAL	**3,002.36**	**17,399,036.70**	**5.80**	**39,831,814.22**

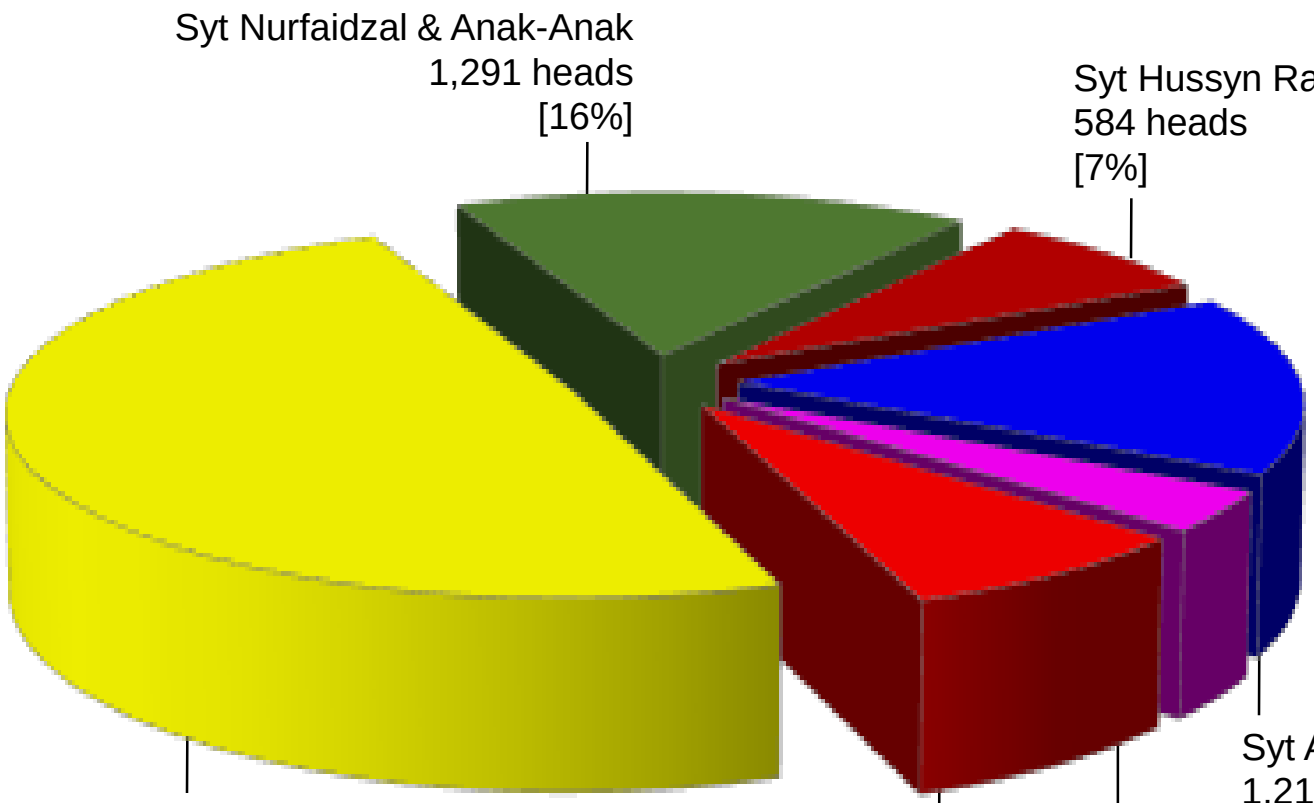
BEEF INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	30.5	24.0	9.4	28.4	91.2	93.1	71.4	133.9	56.4	80.2
Import	3,775	2,750	3,463	4,053	3,796	5,454	4,731	5,029	3,785	4,628

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

BUFFALO AND CATTLE SLAUGHTERED IN 2017



Note:

Market Size: 7,832 heads (B$29.53 mil)

IMPORTED OF CATTLE & BUFFALO BY COUNTRY 2017

COUNTRY	LIVE ANIMALS					
	CATTLE		BUFFALO		TOTAL	
	Head	CIF Value (B$)	Head	CIF Value (B$)	Head	CIF Value (B$)
Australia	4,508	8,106,072	188	298,322	**4,696**	**8,404,394**
Sarawak, Malaysia	173	150,997	1,816	2,237,732	**1,989**	**2,388,729**
Sabah, Malaysia	746	642,528	112	105,292	**858**	**747,820**
TOTAL	**5,427**	**8,899,597**	**2,116**	**2,641,346**	**7,543**	**11,540,943**

COUNTRY	BEEF (CHILLED AND FROZEN)					
	CATTLE		BUFFALO		TOTAL	
	Quantity (Kg)	CIF Value (B$)	Quantity (Kg)	CIF Value (B$)	Quantity (Kg)	CIF Value (B$)
Australia	650,546.62	4,352,869.91	-	-	**650,546.62**	**4,352,869.91**
India	-	-	2,351,812.00	13,046,166.79	**2,351,812.00**	**13,046,16679**
TOTAL	**650,546.62**	**4,352,869.91**	**2,351,812.00**	**13,046,166.79**	**3,002,358.62**	**17,399,036.70**

Note :
For chilled & frozen import, buffalo meat is part & for further process only and cattle meat include part, for further process and process product.

GOAT INDUSTRY 2017

Total Consumption	**1,121 heads**
Total Dressed Weight	14.88 mt
Retail Value (B$)	0.23 million
Per Capita Consumption	0.03 kg/yr
Local (Slaughtered)	**862 heads**
Dressed Weight	9.70 mt
Retail Value (B$)	0.15 million
Percentage Production	65.2 %

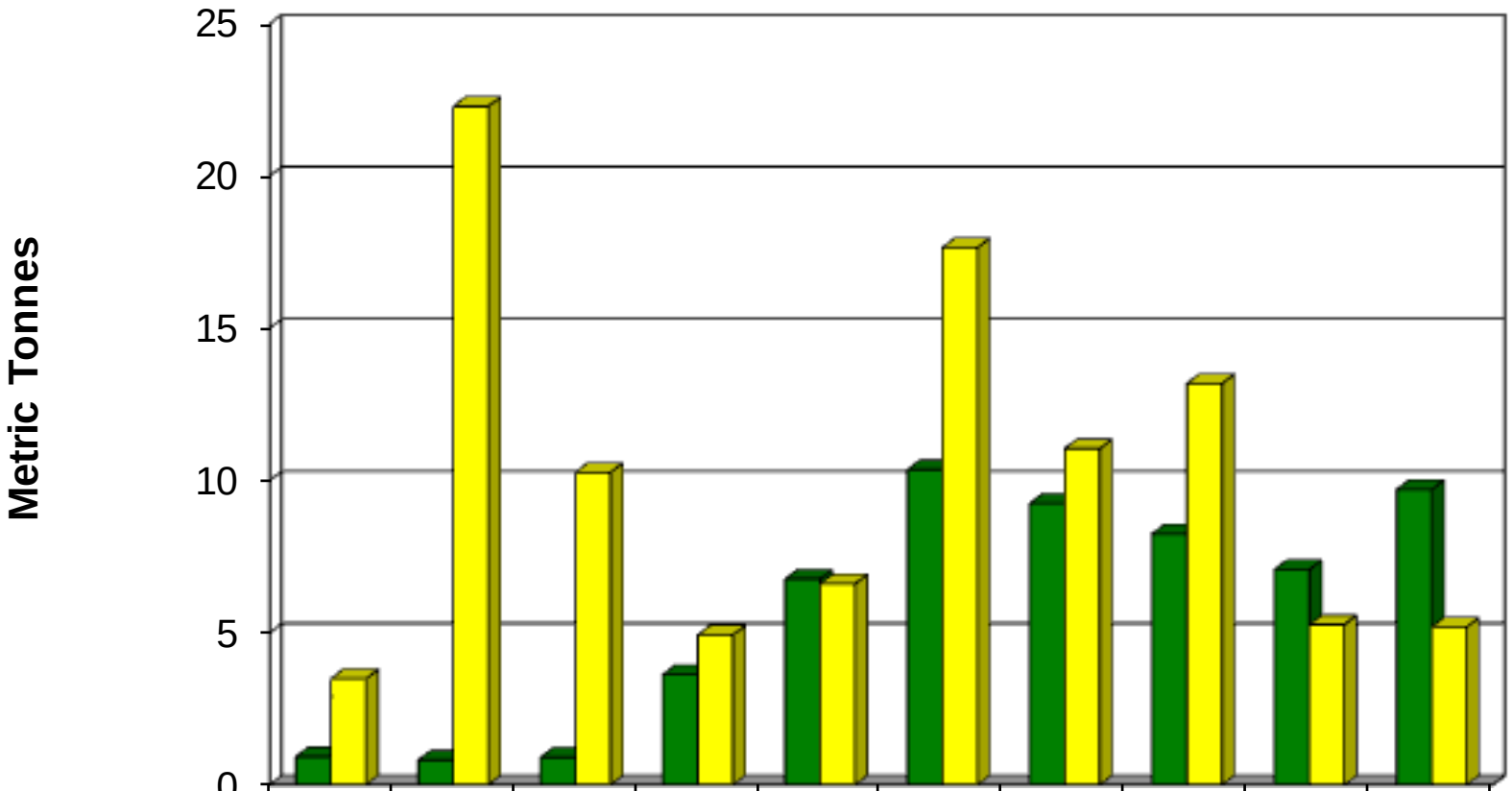
Live Import (Slaughtered) *	**259 heads**
Dressed Weight	5.18 mt
Est. C.I.F Value	0.03 million
Est. Retail Value (B$)	0.08 million
Percentage Import	34.8 %
Total Import (Live) **	**306 heads**
C.I.F Value (B$)	0.03 million
Brunei Population	428,173 Persons

Note :

* - Alive livestock that slaughtered for year 2017.

** - Total overall alive livestock imported to Brunei.

GOAT INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	0.92	0.81	0.9	3.62	6.76	10.35	9.24	8.24	7.07	9.7
Import	3.48	22.28	10.26	4.92	6.60	17.64	11.04	13.18	5.26	5.18

MISCELLANEOUS LIVESTOCK INDUSTRY 2017

TYPE OF LIVESTOCKS	UNIT	QUANTITY (Unit)	QUANTITY (Kilogram)	RETAIL VALUE (B$)
RUMINANT :-				
1. Sheep	Heads	93	1,860.00	$29,760.00
2. Deer	Heads	1	38.25	$650.25
NON-RUMINANT :-				
1. Ayam Kampong	Birds	43,265	51,918.00	$571,098.00
2. Goose	Birds	180	360.00	$29,520.00
3. Patu	Birds	171	256.50	$1,795.50
4. Duck	Birds	1,726	1,726.00	$12,082.00
5. Quail	Birds	79,271	10,701.59	$192,628.53
6. Old Layer Chicken	Birds	98,249	117,898.80	$465,700.26
7. Chicken Breeder	Birds	17,685	59,421.60	$178,264.80
EGGS :-				
1. Ayam Kampong Eggs	Eggs	78,178	3,908.90	$39,089.00
2. Goose Eggs	Eggs	146	49.64	$43.80
3. Patu Eggs	Eggs	44,287	2,657.22	13,286.10
4. Duck Eggs	Eggs	892,985	53,579.10	$267,895.50
5. Quail Eggs	Eggs	548,047	5,480.47	$54,804.70
6. Guinea Fowl Eggs	Eggs	31	1.55	$15.50
7. Turkey Eggs	Eggs	72	4.32	$36.00
TOTAL			**309,861.94**	**$1,856,669.94**

SUMMARY OF MISCELLANEOUS LIVESTOCK 2017

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	0.00	0.00	24,693.33	139,179.25	5,242.32	31,064.20	**29,935.65**	**$170,243.45**
February	740.00	11,840.00	21,246.69	122,612.53	4,998.56	29,747.60	**26,985.25**	**$164,200.13**
March	0.00	0.00	12,351.46	93,422.86	6,103.48	34,802.90	**18,454.94**	**$128,225.76**
April	0.00	0.00	4,757.15	58,212.50	6,540.07	36,221.00	**11,297.22**	**$94,433.50**
May	420.00	6,720.00	6,102.74	73,115.73	5,537.50	31,311.90	**12,060.24**	**$111,147.63**
June	0.00	0.00	5,562.95	68,280.81	6,060.44	33,741.50	**11,623.39**	**$102,022.31**
July	0.00	0.00	72,483.91	317,798.92	5,961.24	33,309.90	**78,445.15**	**$351,108.82**
August	0.00	0.00	4,879.00	62,133.41	6,189.70	34,635.70	**11,068.70**	**$96,769.11**
September	700.00	11,200.00	4,934.09	64,725.33	4,995.65	28,719.70	**10,629.74**	**$104,645.03**
October	0.00	0.00	25,531.68	140,628.54	4,872.38	28,312.00	**30,404.06**	**$168,940.54**
November	0.00	0.00	28,561.41	142,127.59	6,370.86	36,207.70	**34,932.27**	**$178,335.09**
December	38.25	650.25	31,178.11	168,851.62	2,809.00	17,096.70	**34,025.36**	**$186,598.57**
TOTAL	**1,898.25**	**30,410.25**	**242,282.49**	**1,451,089.09**	**65,681.20**	**375,170.60**	**309,861.94**	**$1,856,669.94**

MISCELLANEOUS LIVESTOCK PRODUCTION BY QUANTITY (KG) & DISTRICT - 2017

DISTRICT / TYPE OF LIVESTOCK	B/MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL
RUMINANT :-					
1. Sheep	740	0.00	1,120	0.00	**1,860.00**
2. Deer	0.00	0.00	0.00	38.25	**38.25**
TOTAL (Kg)	**740.00**	**0.00**	**1,120.00**	**38.25**	**1,898.25**
NON-RUMINANT :-					
1. Ayam Kampong	35,828.40	13,962.00	1,827.60	300.00	**51,918.00**
2. Goose	358.00	2.00	0.00	0.00	**360.00**
3. Patu	112.50	61.50	0.00	82.50	**256.50**
4. Duck	984.00	197.00	230.00	315.00	**1,726.00**
5. Quail	9,278.69	1,362.15	60.75	0.00	**10,701.59**
6. Old Layer Chicken	117,898.80	0.00	0.00	0.00	**117,898.80**
7. Chicken Breeder	59,421.60	0.00	0.00	0.00	**59,421.60**
TOTAL (Kg)	**223,881.99**	**15,584.65**	**2,118.35**	**697.50**	**242,282.49**
EGGS :-					
1. Ayam Kampong Eggs	628.90	2,542.40	0.00	737.60	**3,908.90**
2. Goose Eggs	17.00	0.00	0.00	32.64	**49.64**
3. Patu Eggs	3.60	545.22	0.00	2,108.40	**2,657.22**
4. Duck Eggs	17,432.16	11,522.40	0.00	24,624.54	**53.579.10**
5. Quail Eggs	4,821.35	659.12	0.00	0.00	**5,480.47**
6. Guinea Fowl Eggs	0.00	0.00	0.00	1.55	**1.55**
7. Turkey Eggs	3.12	0.00	0.00	1.2	**4.32**
TOTAL (Kg)	**22,906.13**	**15,269.14**	**0.00**	**27,505.93**	**65,681.20**
TOTAL OVERALL (Kg)	**247,528.12**	**30,853.79**	**3,238.35**	**28,241.68**	**309,861.94**

MISCELLANEOUS LIVESTOCK PRODUCTION BY DISTRICT & RETAIL VALUE - 2017

DISTRICT / TYPE OF LIVESTOCK	B/MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL
RUMINANT :-					
1. Sheep	$11,840.00	$0.00	$17,920.00	$0.00	$29,760.00
2. Deer	$0.00	$0.00	$0.00	$650.25	$650.25
TOTAL (B$)	**$11,840.00**	**$0.00**	**$17,920.00**	**$650.25**	**$30,410.25**
NON-RUMINANT :-					
1. Ayam Kampong	$394,113.40	$153,582.00	$20,103.60	$3,300.00	$571,098.00
2. Goose	$29,356.00	$164.00	$0.00	$0.00	$29,520.00
3. Patu	$787.50	$430.50	$0.00	$577.50	$1,795.50
4. Duck	$6,888.00	$1,379.00	$1,610.00	$2,205.00	$12,082.00
5. Quail	$167,016.33	$24,518.70	$1,093.50	$0.00	$192,628.53
6. Old Layer Chicken	$465,700.26	$0.00	$0.00	$0.00	$465,700.26
7. Chicken Breeder	$178,264.80	$0.00	$0.00	$0.00	$178,264.80
TOTAL (B$)	**$1,242,125.29**	**$180,074.20**	**$22,807.10**	**$6,082.50**	**$1,451,089.09**
EGGS :-					
1. Ayam Kampong Eggs	$6,289.00	$25,424.00	$0.00	$7,376.00	$39,089.00
2. Goose Eggs	$15.00	$0.00	$0.00	$28.80	$43.80
3. Patu Eggs	$18.00	$2,726.10	$0.00	$10,542.00	$13,286.10
4. Duck Eggs	$87,160.80	$57,612.00	$0.00	$123,122.70	$267,895.50
5. Quail Eggs	$48,213.50	$6,591.20	$0.00	$0.00	$54,804.70
6. Guinea Fowl Eggs	$0.00	$0.00	$0.00	$15.50	$15.50
7. Turkey Eggs	$26.00	$0.00	$0.00	$10.00	$36.00
TOTAL (B$)	**$141,722.30**	**$92,353.30**	**$0.00**	**$141,095.00**	**$375,170.60**
TOTAL OVERALL (B$)	**$1,395,687.59**	**$272,427.50**	**$40,727.10**	**$147,827.75**	**$1,856,669.94**

CROP Industry

SUMMARY OF CROPS INDUSTRY DEVELOPMENT 2017

AGRICULTURE COMMODITY	LOCAL		IMPORT		TOTAL (Quantity - Unit)	PERCENTAGE SELF-SUFFICIENCY
	Quantity (Unit)	Retail Value ($Mil)	Quantity (Unit)	CIF Value ($Mil)		
Vegetables (mt)	13,265.19	34.68	11,291.01	15.79	24,556.21	54.02%
Fruits (mt)	6,622.49	12.36	16,066.25	27.91	22,688.74	29.19%
Paddy (mt)	2,348.76	3.76	0.00	0.00	n/a	n/a
Miscellaneous Crops (mt)	1,323.21	2.84	14,116.17	14.03	15,439.38	8.57%
Ornamental Plants (plants)	774,037	5.95	251,547	0.74	1,025,584	75.47%
Cut Flowers (cut)	104,686	0.07	1,362,204	0.99	1,466,890	7.14%
TOTAL		**59.65**		**59.45**		

CROP LAND AREAS 2017

DISTRICT / COMMODITIES	BRUNEI-MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Ha)
Vegetables	426.71	124.50	117.45	5.97	**674.63**
Fruits	277.75	756.08	1,250.93	282.90	**2,567.66**
Paddy	464.65	129.20	111.30	214.50	**919.65**
Miscellaneous Crops	19.99	25.90	15.92	1.99	**63.80**
Floriculture	36.50	2.56	11.32	0.20	**50.58**
TOTAL (Ha)	**1,225.60**	**1,038.24**	**1,506.92**	**505.56**	**4,276.32**

Note :

Area include Agricultural Development Area (ADA), Existing Area (Ladang Sedia Ada) – EDR & TOL, Young Famer Area and Rural Agricultural Development Area

CROPS ENTREPRENEURS 2017

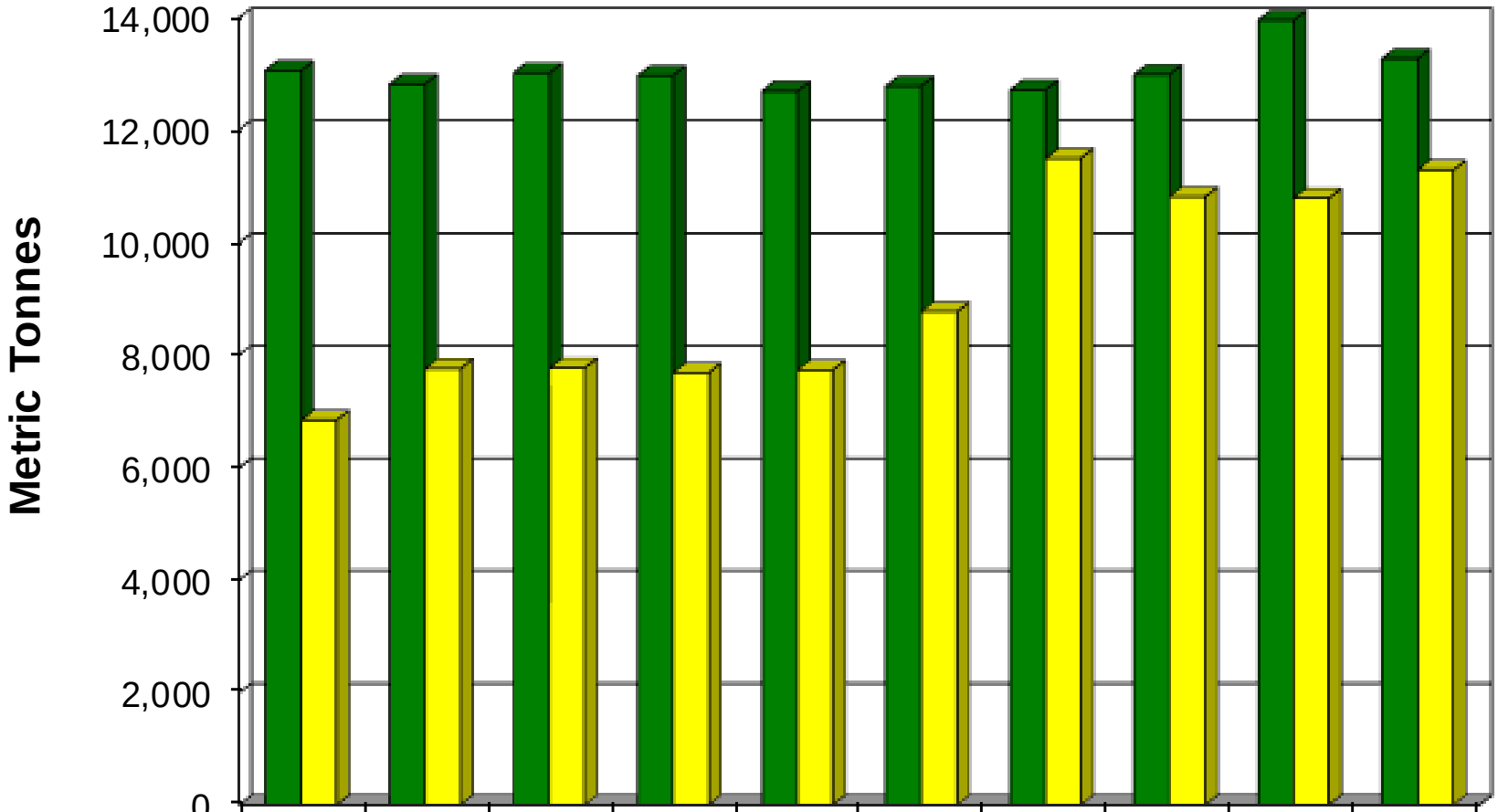
DISTRICT / AGRICULTURE COMMODITY	BRUNEI / MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL (Entrepreneurs)
Vegetables	167	137	131	51	**486**
Fruits	630	601	1,338	201	**2,770**
Paddy	205	91	144	153	**593**
Miscellaneous crops	17	70	166	42	**295**
Floriculture	21	16	31	1	**69**
TOTAL (Entrepreneurs)	**1,040**	**915**	**1,810**	**448**	**4,213**

VEGETABLE INDUSTRY 2017

Total Consumption	**24,556.2**	**mt**
Tropical	16,709.2	mt
Temperate	7,847.1	mt
Est. Retail Value (B$)	**66.49**	**million**
Per Capita Consumption	**57.4**	**kg/yr**
Local Production	**13,265.2**	**mt**
Retail Value (B$)	**34.68**	**million**
Percentage Production	54.0	%
Tropical Vegetable	79.4	%
Area Developed	**674.6**	**ha**
No of Entrepreneurs		**entrepreneurs**

Import	**11,291.0**	**mt**
CIF Value (B$)	15.79	million
Est. Retail Value (B$)	31.81	million
Percentage Import	46.0	%
Average Retail Price (B$)	1.31 – 11.27	/kg
Average CIF Price (B$)		
Tropical	0.45 – 8.72	/kg
Temperate	0.70 – 21.64	/kg
Brunei Population	428,173	persons

VEGETABLE INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	13,056	12,813	13,012	12,964	12,685	12,774	12,708	12,981	13,952	13,265
Import	6,848	7,751	7,762	7,678	7,727	8,769	11,504	10,817	10,793	11,297

Note :
Import include tropical/temperate vegetable

LOCAL VEGETABLES PRODUCTION 2017

DISTRICT	QUANTITY (Mt)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)
BRUNEI/MUARA	7,637.97	19,966,100	57.6
BELAIT	2,279.24	6,733,466	19.4
TUTONG	3,68.46	7,341,789	21.2
TEMBURONG	259.53	625,327	1.9
TOTAL	**13,265.19**	**34,684,398**	**100.0**

VEGETABLES IMPORT 2017

TYPES	QUANTITY (Mt)	C.I.F. VALUE (B$)	QUANTITY PERCENTAGE (%)
TROPICAL	3,443.96	4,846,413.14	30.5
TEMPERATE	7,847.05	10,938,782.47	69.5
TOTAL	**11,291.01**	**15,785,195.6**	**100.0**

VEGETABLES LAND AREA 2017

DISTRICT	AREA (Ha)	PERCENTAGE (%)	NO OF FARMERS (Entrepreneurs)
BRUNEI/MUARA	426.71	63.3%	167
TUTONG	117.45	17.4%	131
BELAIT	124.50	18.5%	137
TEMBURONG	5.97	0.9%	51
TOTAL	**692.90**	**100.0**	**486**

STATUS OF VEGETABLES PRODUCTION BY FARM CATEGORY AND DISTRICT – 2017

DISTRICT / FARM CATEGORY	B/MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL	Quantity %
Existing Area (Commercial)	583,252.00	974,542.00	1,886,659.23	0	3,444,453.23	26.0%
Existing Area (Non-Commercial)	61,953.00	856,494.00	420,579.50	133,776.00	1,472,802.50	11.1%
Existing Area (Unregistered Farmer)	0	12,878.00	56,367.00	118,154.00	187,399.00	1.4%
Agricultural Development Area	6,340,952.01	142,425.30	257,058.00	3,998.00	6,744,433.31	50.8%
Hydroponic Farm	0	55,780.00	0	0	55,739.00	0.4%
Rural Agricultural Development Area	0	237,122.00	18,563.75	3,601.00	259,286.75	2.0%
Young Farmers Area	640,476.00	0	447,230.00	0	1,087,706.00	8.2%
Mushroom Farm	11,332	0	2,000.00	0	13,332.10	0.1%
TOTAL (Kg)	**7,637,965.11**	**2,279,241.30**	**3,088,457.48**	**259,529.00**	**13,265,192.89**	**100.0%**

DISTRICT / FARM CATEGORY	B/MUARA	BELAIT	TUTONG	TEMBURONG	TOTAL	Retail Value %
Existing Area (Commercial)	1,582,031.11	2,645,219.57	4,437,718.43	0	8,664,969.10	28.4%
Existing Area (Non-Commercial)	216,642.22	2,773,971.91	1,061,653.24	297,815.49	4,350,082.86	12.7%
Existing Area (Unregistered Farmer)	0	51,452.50	135,921.81	325,624.41	512,998.72	1.5%
Agricultural Development Area	16,481,190.41	435,567.99	559,699.95	10,679.78	17,487,138.13	45.4%
Hydroponic Farm	0	156,739.00	0	0	156,739.00	0.4%
Rural Agricultural Development Area	0	670,515.47	44,689.28	8,922.59	724,127.31	2.5%
Young Farmers Area	1,557,517.67	0	1,080,510.50	0	2,638,028.17	8.9%
Mushroom Farm	128,718.53	0	21,596.00	0	150,314.53	0.2%
TOTAL (B$)	**19,966,099.94**	**6,733,466.44**	**7,341,789.21**	**643,042.27**	**34,684,397.86**	**100.0%**

15 MAJOR TYPE OF LOCAL VEGETABLES PRODUCTION 2017 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	RETAIL VALUE (B$)	PRICE (B$/Kg)
1	Cucumber	2,300,873	3,342,545	1.45
2	Chai Sim (Sawi Hijau/Manis)	1,309,259	3,255,033	2.49
3	Convolvulus/Water Spinach	990,358	1,905,812	1.92
4	Long Bean	989,656	2,654,379	2.68
5	Chinese Spinach/Amaranth (Bayam)	820,300	1,613,221	1.97
6	Pak Choy	700,644	1,815,691	2.59
7	Eggplant	622,515	1,550,829	2.49
8	Sweet Bean (Kacang Manis)	616,837	1,655,531	2.68
9	Lady's Finger	611,531	1,725,920	2.82
10	Bitter Guord	592,468	1,727,446	2.92
11	Loafah	581,761	1,206,805	2.07
12	Red Chilli	547,594	3,941,658	7.20
13	Water Guord	394,583	624,615	1.58
14	Pumpkin	248,312	450,033	1.81
15	Swatow Mustard (Sawi Pahit)	197,978	518,866	2.62

15 MAJOR TYPE OF IMPORT TROPICAL VEGETABLES 2017 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
1	Thailand Chilli	721,851	1,010,884	1.40
2	Baby Kailan	348,764	353,171	1.01
3	French Bean	346,944	331,983	0.96
4	Pumpkin	330,911	264,604	0.80
5	Radish	307,877	210,081	0.68
6	Red Chilli	271,669	719,128	2.65
7	Mushroom	221,327	882,937	3.99
8	Spring Onion/Chives	208,941	268,701	1.29
9	Egg Plant/Brinjal	183,104	137,945	0.75
10	Timun Duri	174,489	111,035	0.64
11	Young Corn	82,685	256,136	3.10
12	Sayur Minyak	38,750	37,077	0.96
13	Chinese Chives	33,162	34,224	1.03
14	Round Eggplant	23,274	12,496	0.54
15	Paddy Pepper (Lada Padi)	21,170	62,325	2.94

15 MAJOR TYPE OF IMPORT TEMPERATE VEGETABLES 2017 (BY QUANTITY)

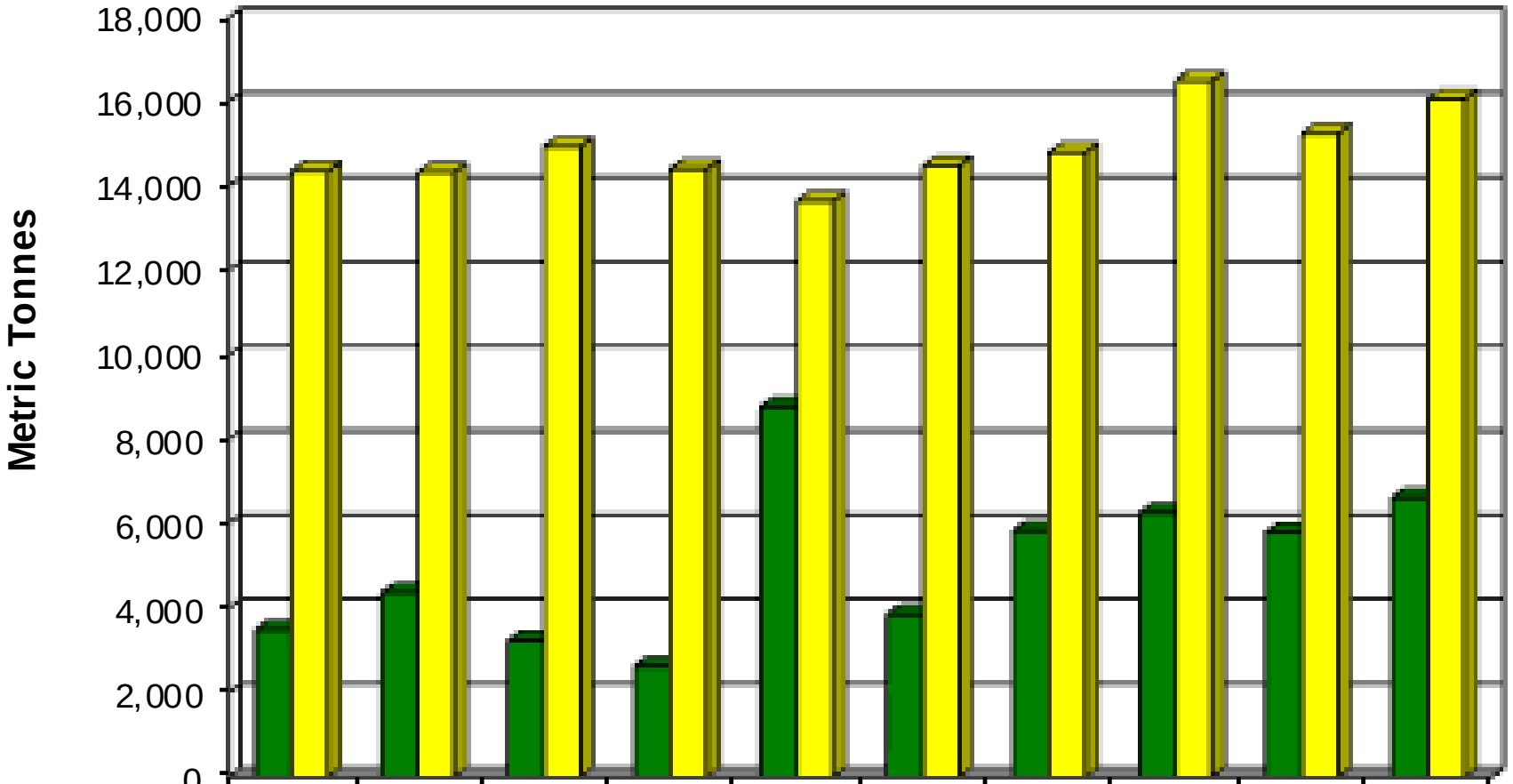
RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
1	Cabbage	2,310,822	1,625,035	0.70
2	Tomato	1,463,026	1,323,047	0.90
3	Carrot	1,138,641	1,302,149	1.14
4	Chinese Cabbage	478,449	377,548	0.79
5	Cauliflower	472,096	736,358	1.56
6	Brocolli (Bunga Kobis)	455,294	1,246,064	2.74
7	Lettuce	405,363	1,274,152	3.14
8	Capsicum/Sweet Pepper	315,647	941,497	2.98
9	Pak Choy	165,161	301,886	1.83
10	Celery	154,515	274,795	1.78
11	Leek	71,258	113,837	1.60
12	Chinese Kale	62,059	164,383	2.65
13	Beet Root	53,151	79,457	1.49
14	Lotus Root	46,293	121,837	2.63
15	Spinach	37,964	158,265	4.17

FRUITS INDUSTRY 2017

Total Consumption	**22,688.7**	**mt**
Tropical	17,567.8	mt
Temperate	5,121.0	mt
Est. Retail Value (B$)	**58.02**	**million**
Per Capita Consumption	**53.0**	**kg/yr**
Local Production	**6,622.5**	**mt**
Retail Value (B$)	12.36	million
Percentage Production	29.2	%
Percentage Tropical Fruits	37.7	%
Area Developed	**2,568**	**ha**
No of Entrepreneurs	**2,890**	**entrepreneurs**

Import	**16,066.3**	**mt**
CIF Value (B$)	27.91	million
Est. Retail Value (B$)	45.66	million
Percentage Import	70.8	%
Average Retail Price (B$)	$0.45 – $11.39	/kg
Average CIF Price (B$)		
Tropical	$1.33 – $6.83	/kg
Temperate	$2.01 – $32.95	/kg
Brunei Population	**428,173**	**Persons**

FRUITS INDUSTRY 2008 – 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	3,485	4,372	3,229	2,628	8,779	3,855	5,834	6,262	5,791	6,622
Import	14,359	14,332	14,940	14,413	13,647	14,480	14,803	16,493	15,249	16,066

LOCAL FRUITS PRODUCTION 2017

DISTRICT	QUANTITY (Mt)	RETAIL VALUE (B$)	PERCENTAGE (%)
BRUNEI/MUARA	3,033.56	4,289,830.69	45.8
BELAIT	1,590.13	3,675,714.38	24.0
TUTONG	1,349.34	2,022,748.14	20.4
TEMBURONG	349.46	2,371,313.05	9.8
TOTAL	**6,622.49**	**12,359,606.26**	**100.0**

FRUITS IMPORT 2017

TYPES	QUANTITY (Mt)	C.I.F. VALUE (B$)	PERCENTAGE (%)
TROPICAL	10,945.29	13,417,268.72	68.1
TEMPERATE	5,120.97	14,496,118.36	31.9
TOTAL	**16,066.25**	**27,913,387.08**	**100.0**

DEVELOPED FRUIT BY FARM CATEGORY 2017

DISTRICT	EXISTING AREA	RADA	ADA	YF	TOTAL	
					HA	%
BRUNEI/MUARA	57.7	99.00	919.05	22.00	477.75	10.8
TUTONG	111.80	822.88	292.25	24.00	1,250.93	48.7
BELAIT	382.78	317.00	56.30	0.00	756.08	29.4
TEMBURONG	69.50	208.10	5.30	0.00	282.90	11.0
TOTAL	**621.78**	**1,446.98**	**452.90**	**46.00**	**2,567.66**	**100.0**

Note :
RADA- Rural Agricultural Development Area , ADA - Agricultural Development Area & YF - Young Famers

STATUS OF FRUIT PRODUCTION BY FARM CATEGORY AND DISTRICT – 2017

DISTRICT / FARM CATEGORY	B/MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL	QUANTITY %
Existing Area (Commercial)	249,352	50,178	702,262	0	**1,001,792**	**15.13%**
Existing Area (Non-Commercial)	48,373	254,826	479,165	264,630	**1,046,993**	**15.81%**
Existing Area (Non-Commercial – unregistered farmer)	1,931,469	693,767	35,060	276,711	**2,937,007**	**44.35%**
Rural Agricultural Development Area	206,117	140,035	152,209	45,465	**543,825**	**8.21%**
Young Farmers Area	34,193	3,278	0	0	**37,471**	**0.57%**
Agricultural Development Area (ADA)	564,055	207,254	221,431	62,658	**1,055,398**	**15.94%**
TOTAL (Kg)	**3,033,559**	**1,349,337**	**1,590,126**	**649,464**	**6,622,487**	**100.00%**

DISTRICT / FARM CATEGORY	B/MUARA	TUTONG	BELAIT	TEMBURONG	TOTAL	VALUE %
Existing Area (Commercial)	468,741	76,413	1,690,331	0	**2,235,486**	**18.09%**
Existing Area (Non-Commercial)	88,226	399,679	1,093,152	1,154,265	**2,735,322**	**22.13%**
Existing Area (Non-Commercial – unregistered farmer)	2,223,146	811,125	54,153	891,215	**3,979,639**	**32.20%**
Rural Agricultural Development Area	468,112	360,991	362,968	249,294	**1,441,365**	**11.66%**
Young Farmers Area	55,236	5,411	0	0	**60,648**	**0.49%**
Agricultural Development Area (ADA)	986,370	369,128	475,110	76,539	**1,907,147**	**15.43%**
TOTAL (B$)	**4,289,831**	**2,022,748**	**3,675,714**	**2,371,313**	**12,359,606**	**100.00%**

15 MAJOR TYPE OF LOCAL FRUITS 2017 PRODUCTION (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	RETAIL VALUE (B$)	PRICE (B$/Kg)
1	Banana	1,821,874	2,729,287	1.50
2	Young Coconut	1,734,825	777,059	0.45
3	Limau Kasturi	643,710	1,376,763	2.14
4	Old Coconut	427,039	694,345	1.63
5	Papaya	419,287	564,654	1.35
6	Jackfruit	198,992	600,979	3.02
7	Durian	160,202	1,824,447	11.39
8	Watermelon	155,571	266,466	1.71
9	Mango	151,554	402,564	2.66
10	Guava	134,657	395,022	2.93
11	Pineapple	100,133	231,977	2.32
12	Musk Lime	93,880	275,053	2.93
13	Pamelo	73,288	345,888	4.72
14	Cempedak	56,349	185,028	3.28
15	Soursop (Durian Salat)	54,839	226,265	4.13

15 MAJOR TYPE OF IMPORT TROPICAL FRUITS 2017 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
1	Banana	3,178,609	2,157,020	0.68
2	Watermelon	2,149,412	1,137,868	0.53
3	Old Coconut	835,560	285,680	0.34
4	Rock Melon / Honeydew Melon	797,469	1,017,225	1.28
5	Papaya	764,744	410,996	0.54
6	Pineapple	705,613	793,356	1.12
7	Lemon	512,919	1,384,196	2.70
8	Durian	415,902	2,054,044	4.94
9	Mango	277,162	1,209,179	4.36
10	Pamelo	237,456	224,043	0.94
11	Guava	186,522	166,347	0.89
12	Young Coconut	151,685	207,992	1.37
13	Avocado	150,060	839,759	5.60
14	Limau Kapas	78,891	71,746	0.91
15	Jambu Air	54,647	273,356	5.00

15 MAJOR TYPE OF IMPORT TEMPERATE FRUITS 2017 (BY QUANTITY)

RANK	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
1	Apple	1,632,563	3,589,440	2.20
2	Sunkist Orange	1,077,878	2,329,215	2.16
3	Mandarin Orange	668,930	1,500,851	2.24
4	Pear	577,849	1,163,682	2.01
5	Grape	515,495	2,768,735	5.37
6	Dragon Fruit	144,757	317,552	2.19
7	Sweet Orange	129,631	317,174	2.45
8	Kiwi Fruit	92,053	467,214	5.08
9	Longan	87,455	238,322	2.73
10	Strawberry	45,557	624,002	13.70
11	Buah Kesamak	33,783	208,345	6.17
12	Plum	32,443	153,226	4.72
13	Grape Fruit	19,296	68,850	3.57
14	Cherry	12,948	206,461	15.95
15	Blueberries	12,370	240,640	19.45

RICE INDUSTRY 2017

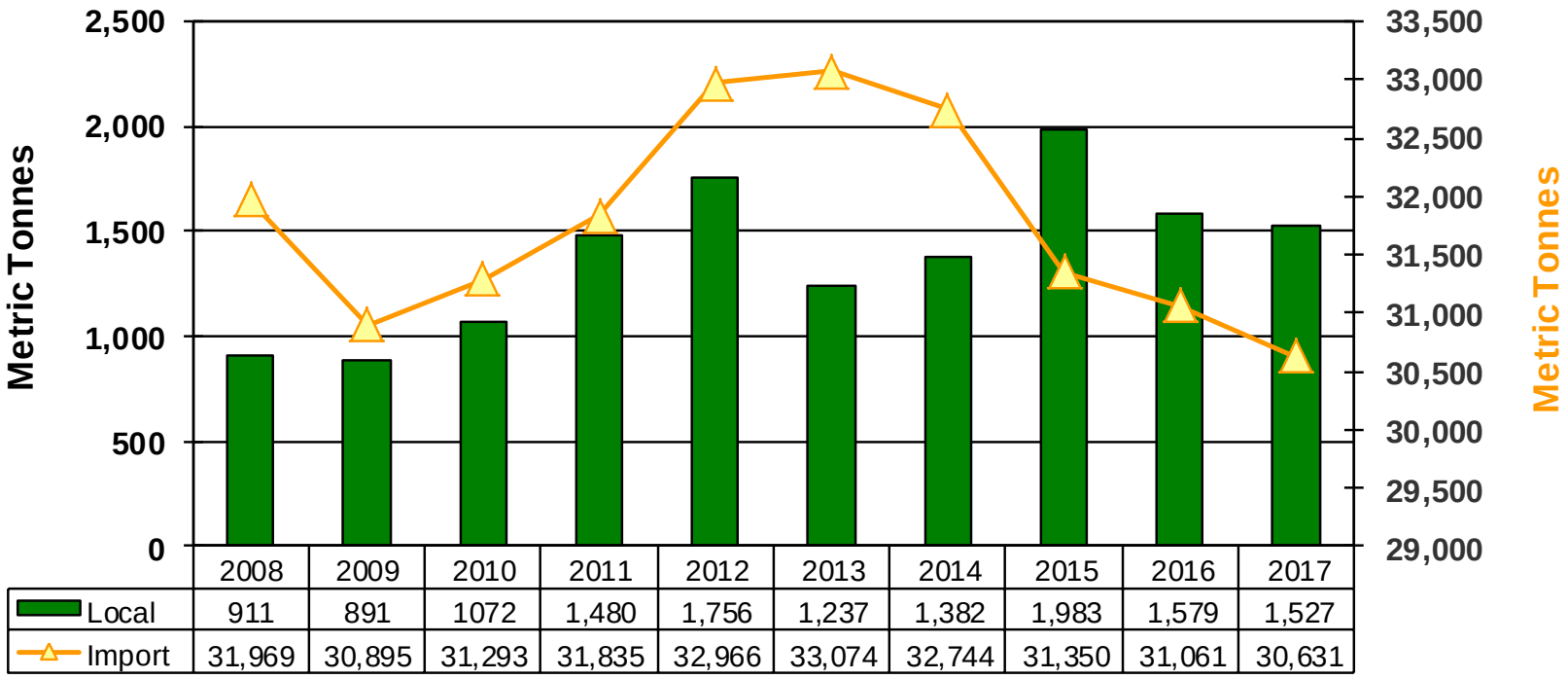
Total Consumption	**32,158**	**mt**
Est. Retail Value (B$)	40.30	million
Per Capita Consumption	**75.11**	**kg/yr**
Local Production	**1,526.69**	**mt**
Retail Value (B$)	3.63	million
Percentage Self-Sufficiency	**4.75**	**%**
Average Retail Price (B$)		
Local Rice	2.38	/kg
Area Developed	**919.65**	**ha**
Productivity		
Irrigated Area	4.49	mt/ha/yr
Non-Irrigated Area	0.91	mt/ha/yr

Total Import	**20,810**	**mt**
Saleable	**30,631**	**mt**
Est. Retail Value (B$)	36.66	million
Import (%)	95.25	%
Average Retail Price (B$)		
Fragrant Rice (AAA)	1.25	/kg
Ordinary Rice	0.85	/kg
Glutinous Rice	0.76	/kg
Brunei Population	**428,173**	**Persons**

Note:

1. *Area are divided into two data. Harvested area is 1,336.10 ha for two seasons and total developed area is 919.65 ha*
2. *The average retail price of local rice are taken from the overall average retail price which was collected by Information Management Unit & SIPA Unit. While import prices was according to the price control by EPU.*

RICE INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	911	891	1072	1,480	1,756	1,237	1,382	1,983	1,579	1,527
Import	31,969	30,895	31,293	31,835	32,966	33,074	32,744	31,350	31,061	30,631

Note :
Import is saleable rice

LOCAL RICE PRODUCTION 2017

DISTRICT	HARVESTED AREA (Ha)	NO. OF FARMERS	YEILD PADDY (Mt)	RICE 65% milling Recovery (Mt)	%
BRUNEI MUARA	861.10	205	1,932.86	1,256.4	82.3
BELAIT	138.80	91	105.23	68.4	4.5
TUTONG	117.90	144	77.28	50.2	3.3
TEMBURONG	218.30	153	233.39	151.7	9.9
TOTAL	**1,336.10**	**593**	**2,348.76**	**1,526.69**	**100.0**

Note : 1). The number of farmers & acreage are using main season only except for Brunei Muara District have to select high cultivated area for two seasons.

2). Acreage is acreage that yielded only.

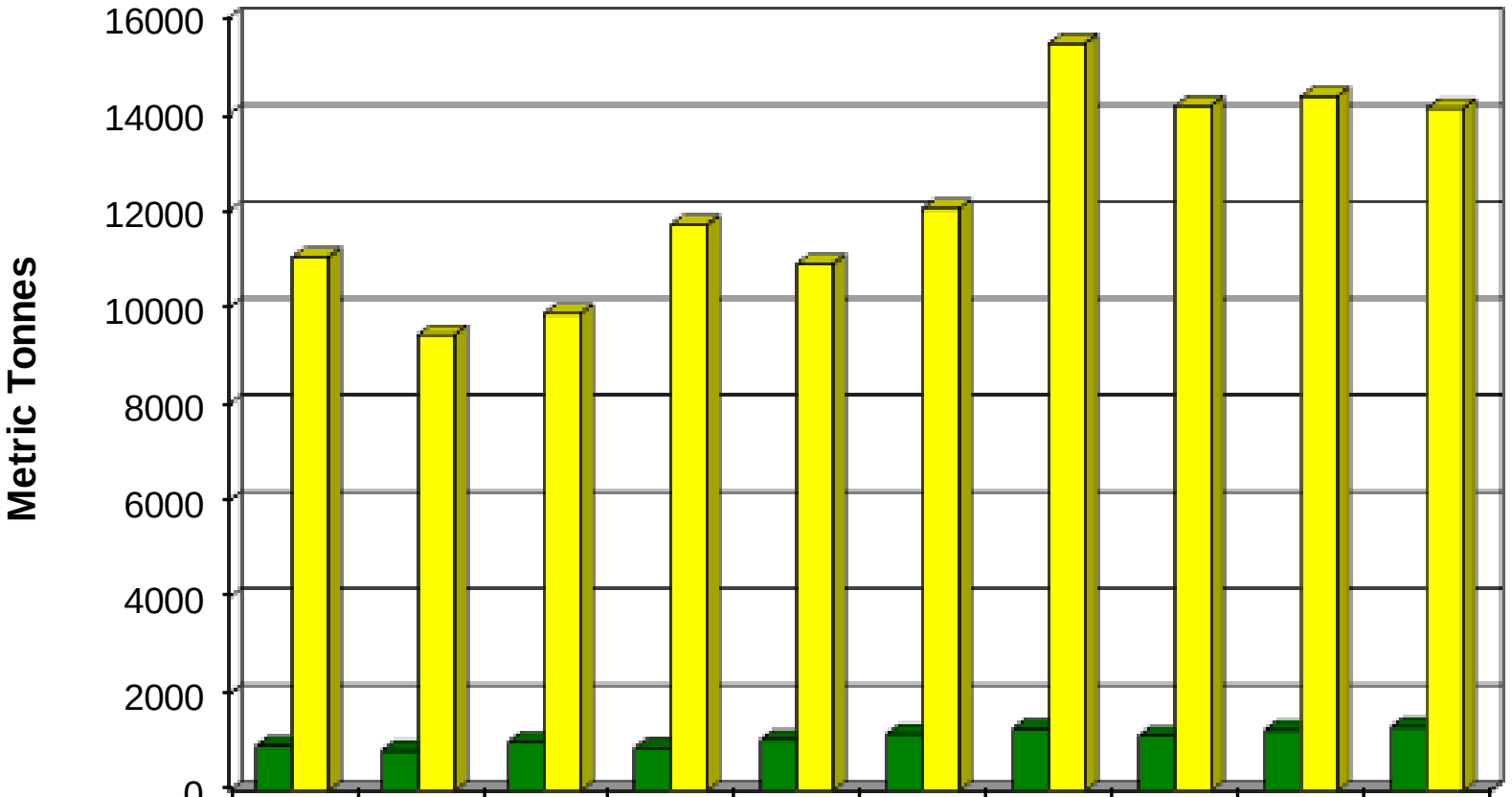
MISCELLANEOUS CROPS INDUSTRY 2017

Total Consumption	**15,439.8**	**mt**	**Total Import**	**14,116.6**	**mt**
Est. Retail Value (B$)	23.88	million	CIF Value (B$)	14.03	million
Per Capita Consumption	36.1	kg/yr	Est. Retail Value (B$)	21.04	million
			Percentage Import	91.4	%

Local Production	**1,323.2**	**mt**
Retail Value (B$)	2.84	million
Percentage Self-Sufficiency	8.6	%

Brunei Population	428,173	Persons

MISCELLANEOUS CROPS INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	932	837	1,014	886	1,060	1,174	1,285	1,137	1,256	1,323
Import	11,036	9,434	9,873	11,711	10,901	12,042	15,458	14,168	14,365	14,117

LOCAL MISCELLANEOUS CROPS PRODUCTION 2017

DISTRICT	QUANTITY (Kg)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)
BRUNEI/MUARA	508,237.00	1,167,731.44	38.41
BELAIT	402,499.00	835,727.22	30.42
TUTONG	302,808.50	639,335.26	22.88
TEMBURONG	109,667.00	196,533.10	8.29
TOTAL	1,323,211.50	2,839,327.02	**100.00**

LOCAL MISCELLANEOUS CROPS 2017 (BY TYPES)

TYPES	QUANTITY (Kg)	RETAIL VALUE (B$)	PRICE (B$ / Kg)
Beverages			
Sugar Cane	113,659	52,682	0.46
Tubers			
Tapioca	246,899	326,434	1.32
Sweet potato	95,811	272,953	2.85
Yam	24,020	67,043	2.79
Yam Bean	4,935	13,745	2.79
Spices			
Lemon Grass	157,414	275,180	1.75
Galangal	48,483	117,126	2.42
Turmeric	13,109	48,618	3.71
Lime Leaf	5,219	38,359	7.35
Garjil	480	19,200	40.00
Curry Leaf	5,570	16,709	3.00
Sweet Corn	549,53	1,435,655	2.61
Sago	26,277	55,508	2.11
Others	31,802	100,117	3.15

TYPE OF IMPORT MISCELLANEOUS CROPS 2017 (BY QUANTITY)

NO	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
	Cereals :			
1	Maize	238,740	127,267	0.53
2	Maize Corn Whole	45,700	23,904	0.52
	Tubers :			
3	Potato	3,935,895	2,641,479	0.67
4	Yam	198,751	380,183	1.91
5	Sweet Potato	201,526	278,494	1.38
6	Yam Bean	113,645	81,790	0.72
	Spices :			
7	Onion	4,827,029	3,229,026	0.67
8	Garlic	1,124,517	2,230,347	1.98
9	Ginger	989,755	1,319,928	1.33
	Shallot	568,716	705,597	1.24
10	Dried Chili	211,102	569,625	2.70
11	Coriander Leaf	126,718	202,369	1.60
12	Parsley	36,053	118,222	3.28
13	Daun Sop	57,409	113,637	1.98

TYPE OF IMPORT MISCELLANEOUS CROPS 2017 (BY QUANTITY)

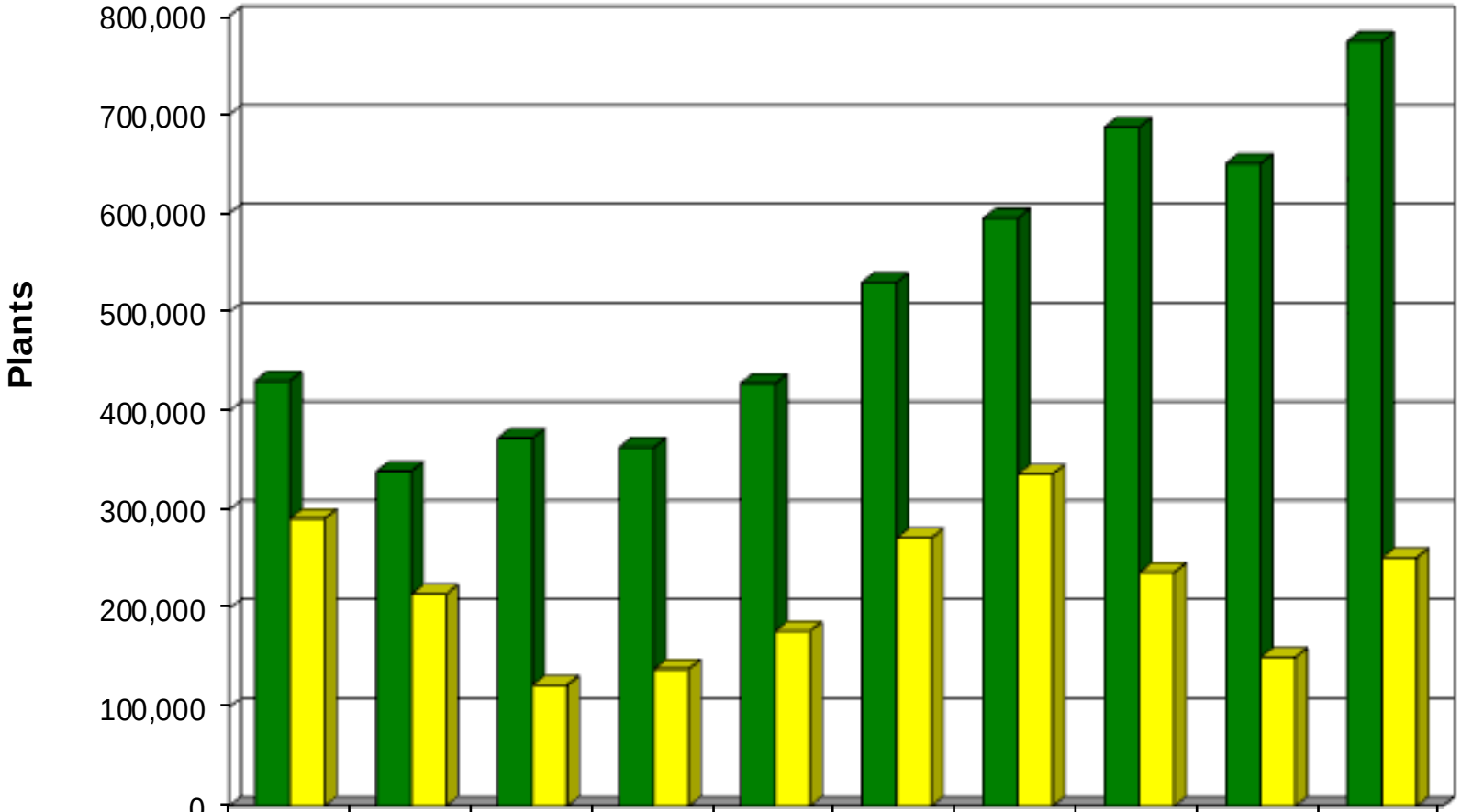
NO	TYPE	QUANTITY (Kg)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Kg)
14	Turmeric	31,143	59,206	1.90
15	Coriander Seed	18,219	40,563	2.23
16	Mint Leaf	14,622	40,129	2.74
17	Tom Yam Set	7,076	40,069	5.66
	Legumes :			
18	Soya Bean	661,985	655,466	0.99
19	Ground Nut	186,094	330,093	1.77
20	Mung Bean	212,875	278,451	1.31
21	Ground Nut Kernel	116,192	240,566	2.07
22	Kidney Bean	24,203	37,439	1.55

ORNAMENTAL INDUSTRY 2017

Total Consumption	**1,025,584**	**plants**
Est. Retail Value (B$)	7.13	million
Local Production	**774,037**	**plants**
Retail Value (B$)	5.95	million
Percentage Production	75.5	%

Total Import	**251,547**	**plants**
CIF Value (B$)	0.74	million
Est. Retail Value (B$)	1.18	million
Percentage Import	24.5	%
Average Retail Price (B$)	$0.13 – 18,187	/plant
Average CIF Price (B$)	1.02 – 47.28	/plant

ORNAMENTAL INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	430,331	338,899	372,482	363,166	427,922	530,138	595,258	687,360	650,490	774,037
Import	291,082	214,504	122,599	138,765	177,223	271,352	336,194	236,562	150,747	251,547

LOCAL ORNAMENTAL PLANTS PRODUCTION 2017

DISTRICT	QUANTITY (Plants)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)
BRUNEI/MUARA	593,022	3,742,197	76.6
BELAIT	15,480	72,369	2.0
TUTONG	165,535	2,131,576	21.4
TOTAL	**774.037**	**5,946,142**	**100.0**

LOCAL ORNAMENTAL PLANTS 2017 (BY TYPES)

NO	TYPES	QUANTITY (Plants)	RETAIL VALUE (B$)	PRICE B$/PLANT
1	Ground Cover	265,054	271,268	1.02
2	Outdoor Shrubs	229,174	845,532	3.69
3	Indoor Shrubs	114,949	435,255	3.79
4	Palms	37,512	781,393	20.83
5	Trees	63,434	2,999,142	47.28
6	Orchid	51,552	530,117	10.28
7	Cactus	12,362	83,432	6.75
TOTAL		**774,037**	**5,946,142**	**7.68**

15 MAJOR TYPE OF IMPORT ORNAMENTAL PLANTS 2017 (BY QUANTITY)

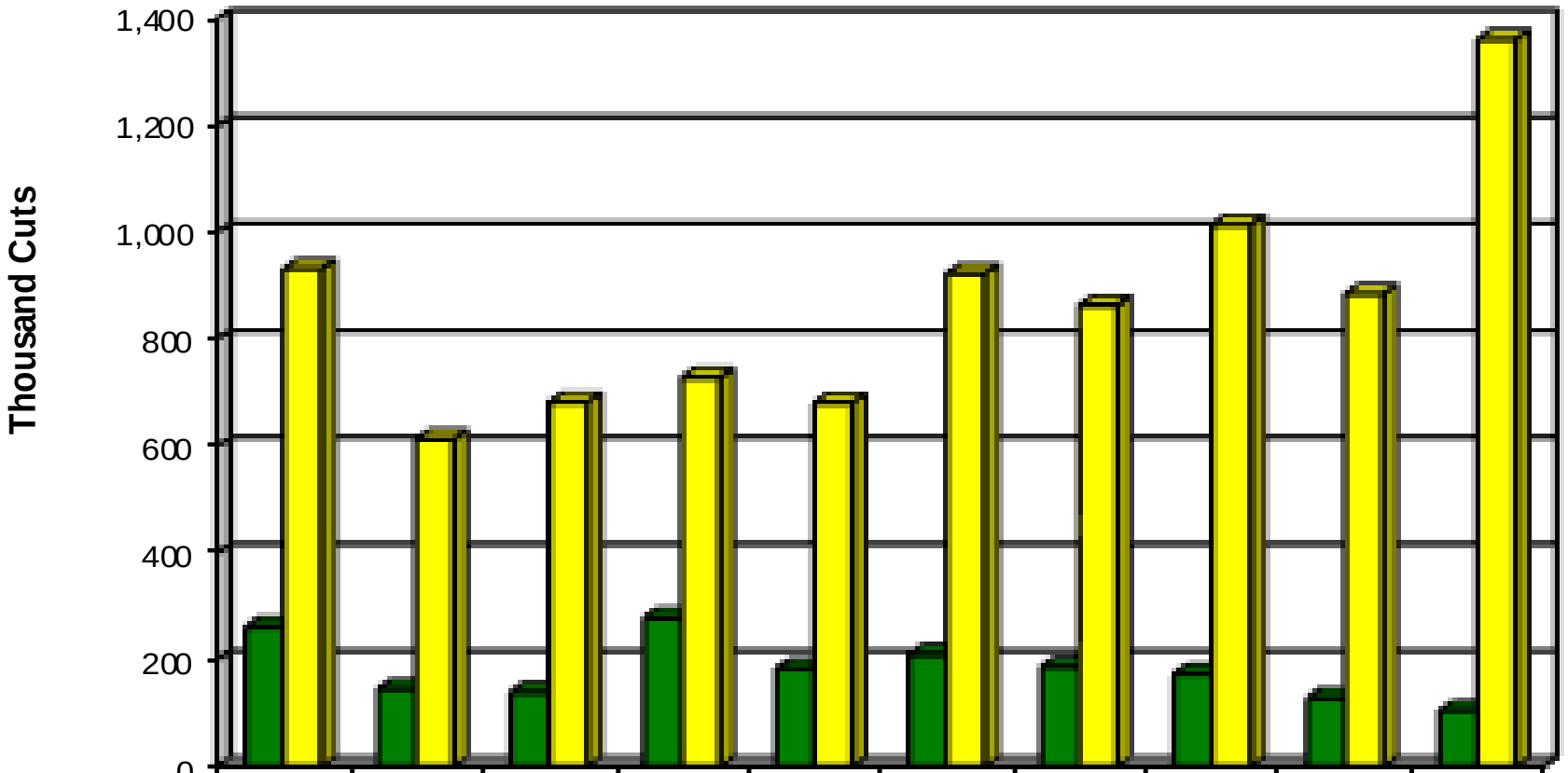
RANK	TYPE	QUANTITY (Plants)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Plant)
1	Phalaenopsis	90,274	243,224.32	2.69
2	Dendrobium Hybrids	21,420	20,250.88	0.95
3	Bougainvillea	14,131	13,304.26	0.94
4	Rose	10,319	18,983.54	1.84
5	Ixora Spp.	9,500	1,615.38	0.17
6	Begonia Spp.	8,110	11,022.04	1.36
7	Lantana Spp.	7,870	1,739.42	0.22
8	Heuchera Micrantha	7,756	17,836.00	2.30
9	Hisbiscus	6,505	5,336.83	0.82
10	Adenium Spp.	4,250	5,054.12	1.19
11	Cactus Plant	4,069	7,943.16	1.95
12	Mokara Plant	3,825	10,191.36	2.66
13	Neomarica Spp.	3,500	745.92	0.21
14	Anthurium Spp.	3,241	16,184.09	4.99
15	Orchid Plant	3,068	10,955.92	3.57

CUT FLOWERS INDUSTRY 2017

Total Consumption	**1,466,890**	**cuts**
Est. Retail Value (B$)	1.65	million
Local Production	**104,686**	**cuts**
Retail Value (B$)	67,204	
Percentage Production	**7.1**	**%**

Total Import	**1,362,204**	**cuts**
CIF Value (B$)	0.99	million
Est. Retail Value (B$)	1.58	million
Import (%)	92.9	%
Average Retail Price (B$)	0.20 – 75.60	/cut
Average CIF Price (B$)	0.10 – 20.85	/cut

CUT FLOWERS INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Local	262	145	139	278	184	210	187	174	128	105
Import	932	612	682	729	681	922	864	1,014	885	1,362

LOCAL CUT FLOWERS 2017 (BY TYPES)

NO	TYPES	QUANTITY (Cuts)	RETAIL VALUE (B$)	QUANTITY PERCENTAGE (%)
1	Orchid	79,160	85,590	75.6
2	Red Ginger	6,370	8,915	6.1
3	Goldern Red	12,520	3,130	12.0
5	Johor Fern	5,480	1,370	5.2
5	Anthurium	905	914	0.9
6	Heliconia	251	285	0.2
TOTAL		**104,686**	**67,204**	**100.0**

Note :
100% produced from Belait District

15 MAJOR TYPE OF IMPORT CUT FLOWERS 2017 (BY QUANTITY)

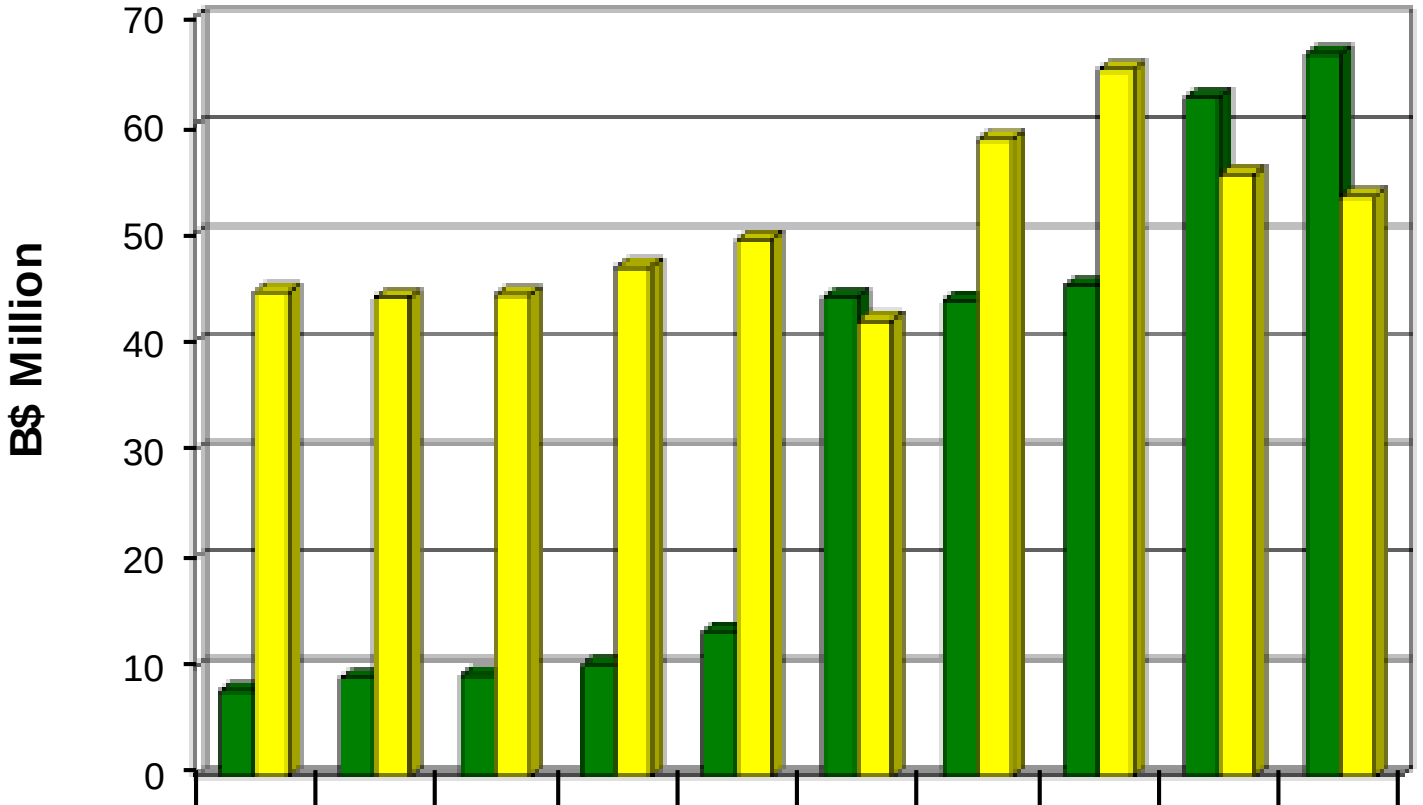
RANK	TYPE	QUANTITY (Cuts)	C.I.F VALUE (B$)	AVERAGE C.I.F PRICE (B$/Cut)
1	Chrysanthemum Spp.	492,960	324,605.30	0.66
2	Rose	247,212	149,580.70	0.61
3	Dianthus Spp.	77,530	42,574.96	0.55
4	Dendrobium Hybrids	67,120	45,392.05	0.68
5	Gerbera Spp.	53,892	34,513.11	0.64
6	Carnation	44,974	19,507.21	0.43
7	Phoenix/Peacock	40,450	26,745.20	0.66
8	Eustoma	26,737	19,761.48	0.74
9	Orchids Flowers	23,595	18,559.84	0.79
10	Mokara	21,730	14,682.85	0.68
11	Lilium Spp.	19,027	29,448.74	1.55
12	Limonium Spp.	17,165	8,691.21	0.51
13	Davallia Spp.	16,050	8,127.50	0.51
14	Gypsophila Spp.	14,080	12,358.51	0.88
15	Anthurium Spp.	12,668	15,001.67	1.18

AGRIFOOD Industry

AGRIFOOD PRODUCTION BY DISTRICT 2017

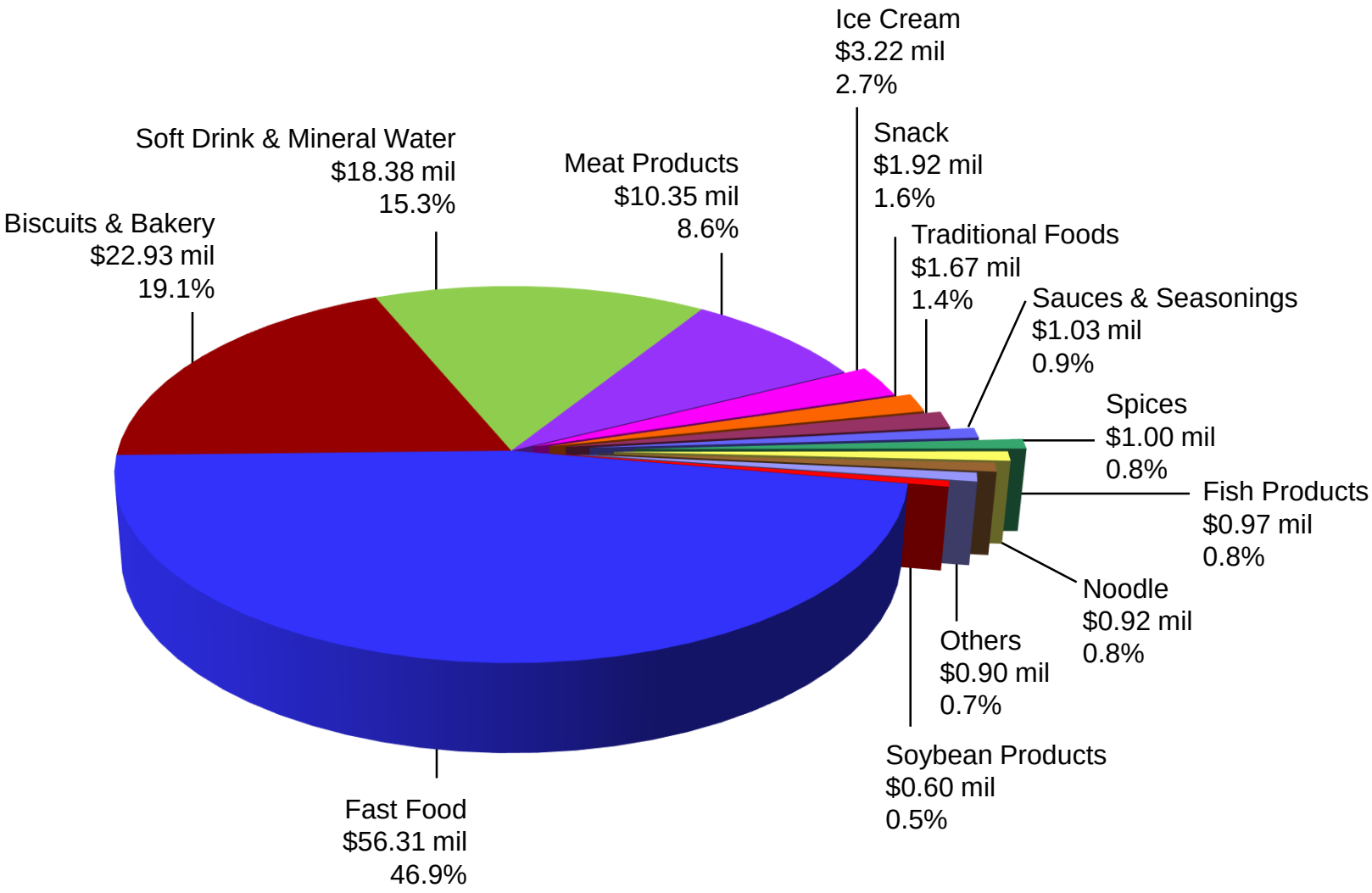
DISTRICT	ENTERPRENEURS (Persons)	ESTIMATED LABOUR (Persons)		RETAIL VALUE (B$ Million)
		Local	Foreigner	
Brunei/Muara	261	2,072	1,373	$116.26
Tutong	51	111	24	$2.55
Belait	21	67	25	$0.99
Temburong	57	202	1	$0.39
TOTAL	**390**	**2,452**	**1,423**	**$120.19**
		3,875		

LOCAL AGRIFOOD INDUSTRY 2008 - 2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Livestock Processing	7.85	9.06	9.33	10.25	13.31	44.20	43.87	45.27	62.63	66.66
Crop Processing	44.68	44.15	44.42	46.96	49.52	42.03	58.81	65.21	55.48	53.53

AGRIFOOD INDUSTRY BY CATEGORY 2017



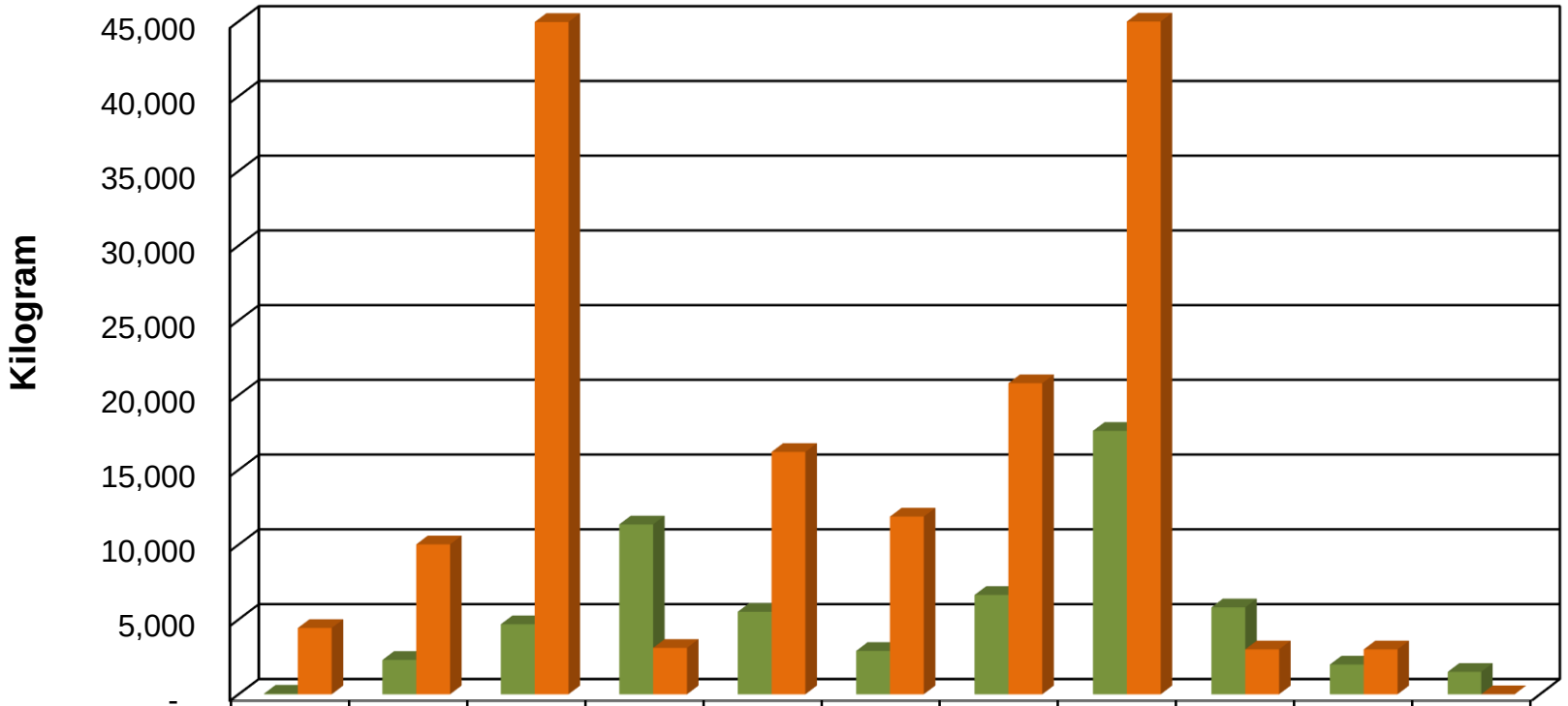
Note:

1. Market Size : B$ 20.19.11 million
2. Others – Pickles, Meals Ready To Eat, Fermentation, Confectionery, Health & Beauty Products, Sago, Oil & Fat & Flour Products

EXPORT

Chicken • Beef • Cattle Hide

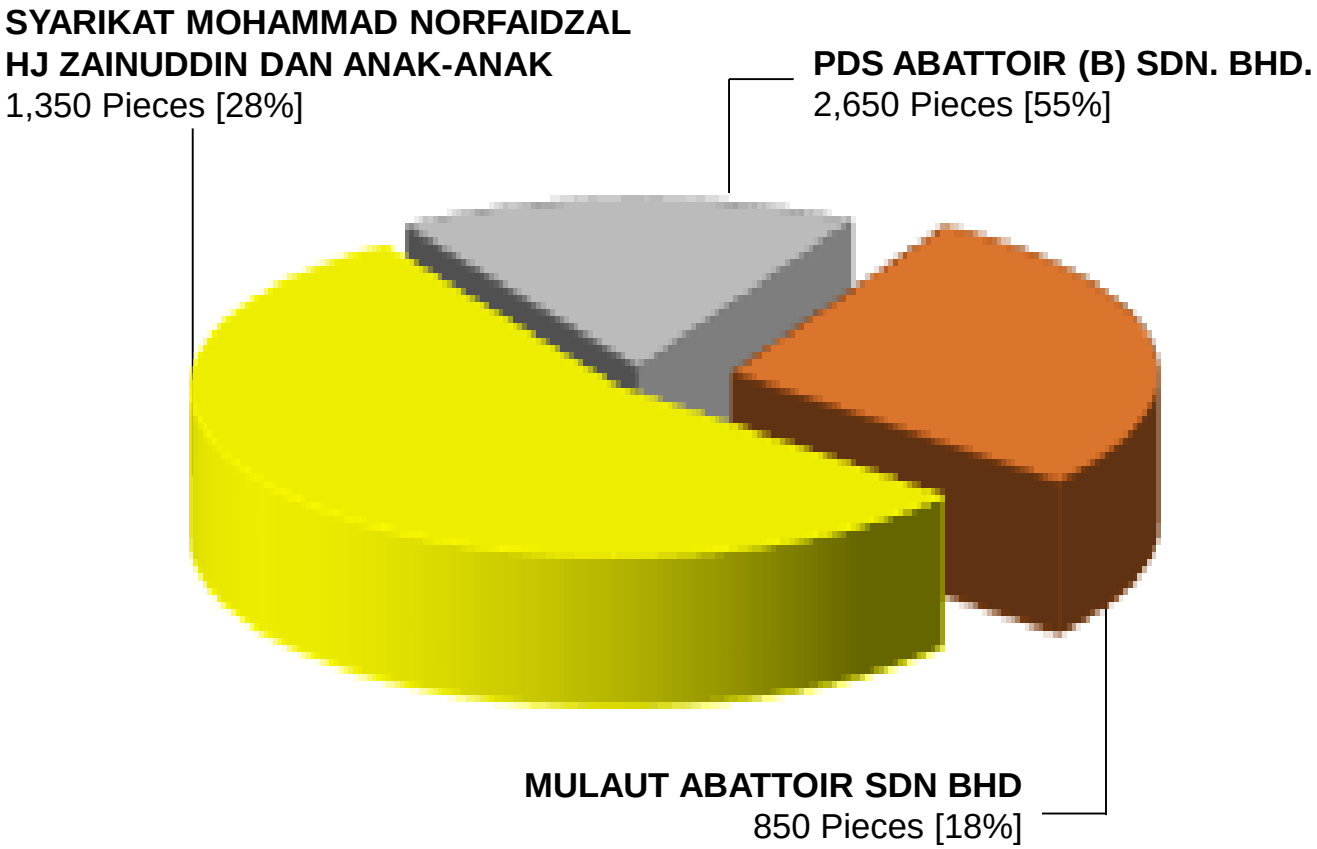
EXPORT TREND OF BEEF AND CHICKEN MEAT 2007 - 2017



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Process	44	2,296	4,679	11,349	5,511	2,900	6,638	17,610	5,809	1,986	1,500
Part	4,430	10,016	44,970	3,100	16,200	11,875	20,800	45,000	3,000	3,000	-

Note :
For year 2017, total export is 1,500 kg. Exported by BMC Food Industries Sdn Bhd & Exported to Sarawak.
Product exported only Smoked Whole Chicken

EXPORT OF CATTLE HIDE 2017

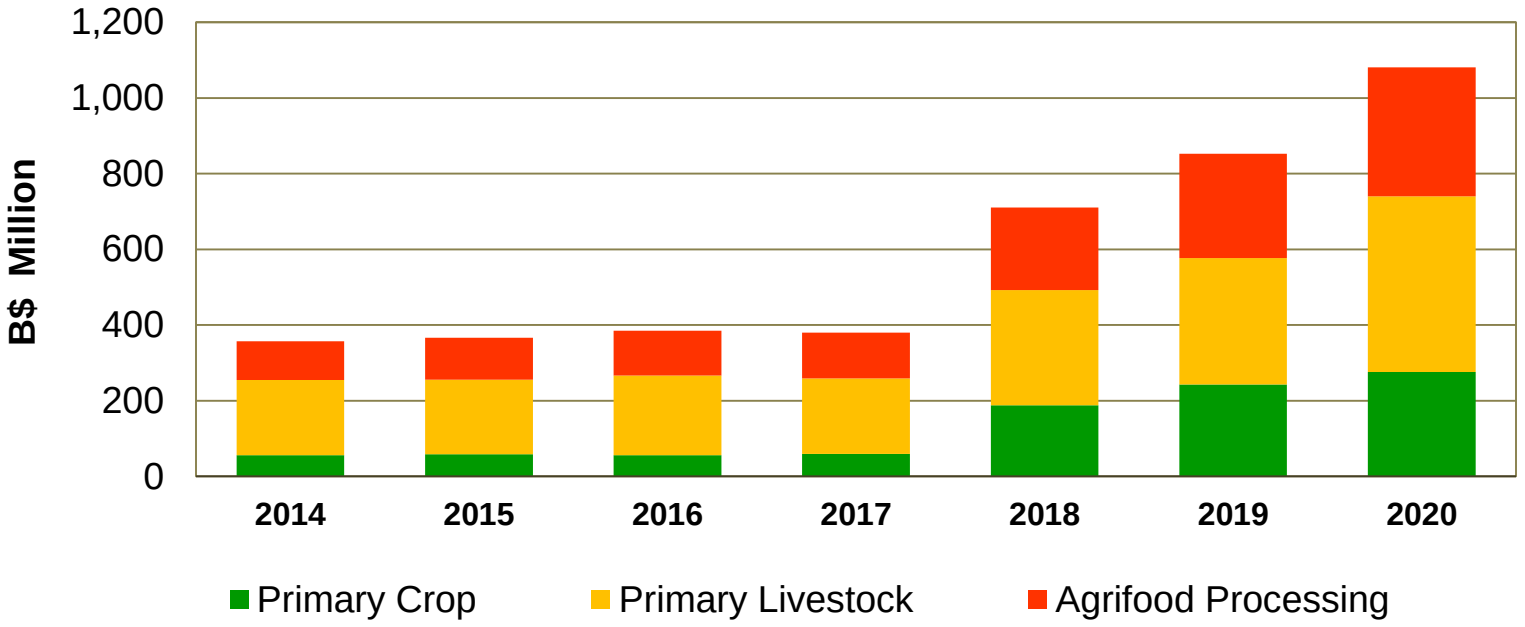


Note :
For year 2017, total export is 4,850 pieces and export to Indonesia, Thailand and India.

TARGET & TRAJECTORY

2016 - 2020

TARGET & TRAJECTORY AGRICULTURE AND AGRIFOOD



SECTOR / YEAR	2014	2015	2016	2017	2018	2019	2020
1. Primary Crop	55.99	58.53	56.24	59.65	187.62	243.17	276.06
2. Primary Livestock	198.57	197.15	210.83	199.81	304.67	334.26	464.14
3. Agrifood Processing	102.68	110.48	120.19	169.48	218.44	275.31	340.77
TOTAL (B$ Million)	**357.24**	**366.16**	**379.65**	**568.72**	**710.73**	**852.74**	**1,080.97**

Note :
1/. Main commodities only and data for year 2014 - 2017 is real achievements data
2/. Growth rates per annum is 24%

NOTE

NOTE

For further inquiry please contact :

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