

### PRELIMINARY REPORT



# BANCI EKONOMI PERUSAHAAN/PERNIAGAAN Economic Census of Enterprises

2016

### Introduction

The Department of Economic Planning and Development (JPKE) conducted the **Economic Census of Enterprises (ECE) 2016** starting in May 2016.

ECE 2016 collected data for the reference year 2015 with the following objectives:

- To collect comprehensive and latest information pertaining to the growth, contribution, composition and distribution of the economic activities undertaken by the business enterprises in the private sector;
- To obtain valuable information for a more detailed analysis of the various industries with regards to its production structure such as sales or revenue, production cost, employment and investment; and
- To provide inputs for the compilation of national accounts for Brunei Darussalam.

This **Preliminary Report of the Economic Census of Enterprises (ECE) 2016** presents the preliminary data on the profile and performance of the private sector businesses in 2015.

The ECE 2016 preliminary data is based on the information provided by the responding enterprises as of end of July 2017, and is subject to further revisions. The final data will be released in a separate publication.

### **Number of Enterprises**

A total of 5,342 enterprises have reported as being active in 2015.

### ... by Business Size

In 2015, there were 5,158 micro, small and medium enterprises (MSMEs) operating in Brunei Darussalam, representing 96.5 per cent of the total private sector businesses. Large enterprises with a total of 184 made up the remaining 3.5 per cent.

Compared to 2010, the number of medium and large enterprises has increased on average per year by 2.6 per cent (from 830 in 2010 to 944 in 2015) and 5.8 per cent (from 139 in 2010 to 184 in 2015) respectively, indicating that some enterprises have expanded in size during the period.

### ... by Type of Economic Activity

The largest economic activity in Brunei Darussalam in 2015 was the Wholesale and Retail Trade with 1,815 enterprises which made up 34.0 per cent of the total number of enterprises.

A total of 793 enterprises (14.8 per cent) were in the Construction activity, followed by the Manufacturing activity as the third largest activity with 550 enterprises (10.3 per cent).

These top three economic activities remained the same as in 2010. However, Construction activity was now placed as the second largest, instead of the Manufacturing activity in 2010.

### **Employment**

The total employment in the private sector grew by 3.1 per cent annually from 99,607 persons in 2010 to 115,894 persons in 2015.

### ... by Sex and Residential Status

The proportions of male and female workers were similar in 2010 and 2015, with the male workers accounting for 70.0 per cent (81,103 persons) in 2015.

More locals are now entering the private sector workforce where their number has risen from 42,518 persons in 2010 to 51,590 persons in 2015, or at an average growth rate of 3.9 per cent per year. As a result, local employees accounted for 44.5 per cent of the total private sector employment in 2015, compared to 42.7 per cent in 2010.

### ... by Business Size and Type of Economic Activity

In 2015, about three quarters of the private sector employees were working either in the large enterprises (52,719 persons or 45.5 per cent) or in medium enterprises (36,431 persons or 31.4 per cent). In fact, during the period 2010–2015, both the large and medium enterprises recorded increases in their employment numbers by 5.5 per cent and 3.0 per cent on average annually respectively.

The Construction activity was the top employer with 27,180 employees (23.5 per cent) of the total employment in the private sector in 2015. The Wholesale and Retail Trade was the second biggest employer with 25,793 employees (22.3 per cent), and followed by the Professional, Technical, Administrative and Support Services activity which employed 13,754 employees (11.9 per cent).

Wholesale and Retail Trade activity was the largest employer of local employees, while the Construction activity was the largest employer of non-local employees. The activities where the local employees outnumbered the non-local employees were Mining and Quarrying; Transportation and Storage; Information and Communication; Financial and Insurance Activities; Real Estate Activities; Professional, Technical, Administrative and Support Services; Education; and Human Health and Social Work Activities.

### **Payment to Employees**

In 2015, businesses in the private sector spent a total BND 2.7 billion in payment to employees, an increase of 5.5 per cent per year compared to BND 2.1 billion in 2010.

### ... by Business Size

In line with their increasing number of employment, large and medium enterprises also reported increases in the spending on payment to their employees at 7.2 per cent and 6.6 per cent annually respectively.

### ... by Type of Economic Activity

By type of economic activity, Mining and Quarrying recorded the highest share (29.4 per cent) of the total payment to workers, totalling BND 796.4 million. Meanwhile, Human Health and Social Work Activities reported the highest increase at 13.0 per cent per year, from BND 21.3 million in 2010 to BND 39.1 million in 2015.

#### Revenue

The total revenue generated from business activities in 2015 amounted to BND 23.9 billion. This represented a decline of 3.9 per cent per year compared to BND 29.2 billion in 2010.

### ... by Business Size

During the period 2010-2015, the total revenue contributed by the micro, small and medium enterprises (MSMEs) has increased, both in value (from BND 7.9 billion in 2010 to BND 8.3 billion in 2015) and its share (from 26.9 per cent in 2010 to 34.8 per cent in 2015).

The large enterprises, on the other hand, experienced a fall in their revenue from BND 21.4 billion in 2010 to BND 15.6 billion in 2015.

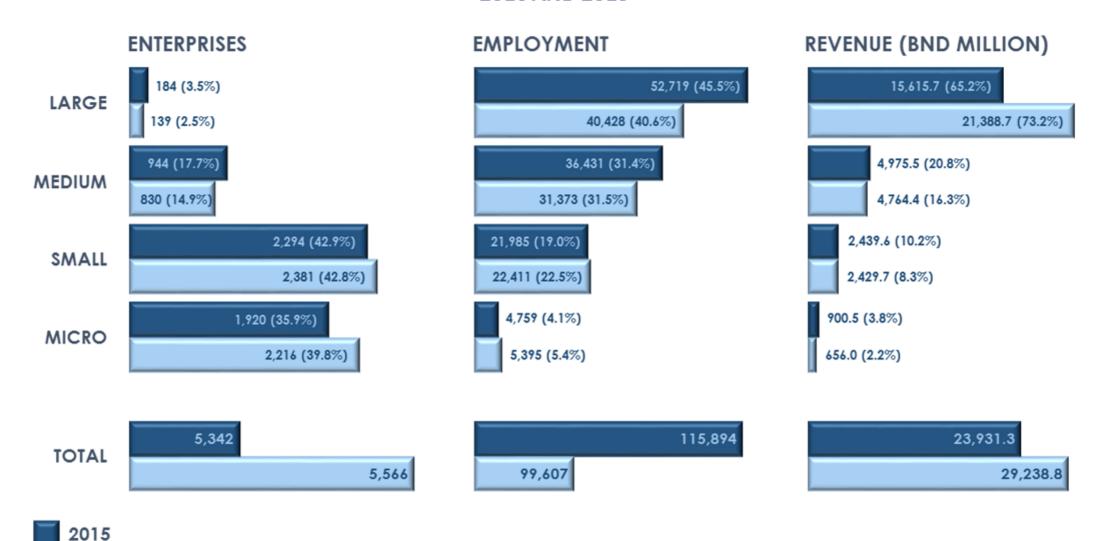
### ... by Type of Economic Activity

Despite the huge reduction in its revenue, the Mining and Quarrying was still the top earner with BND 6.9 billion in 2015 compared to BND 12.6 billion in 2010. However, its share of revenue generation has dropped to 28.9 per cent from 42.2 per cent in 2010. The Manufacturing activity also experienced a decline in revenue, from BND 6.5 billion in 2010 to BND 5.2 billion in 2015, but still maintained its second position with a share of 22.2 per cent in 2010 and 21.8 per cent in 2015.

The performance of the Mining and Manufacturing activities was largely related to the current global oil & gas sector developments. It is therefore worth to note that other activities in the non-oil & gas sector were showing increasing trends in their revenue generation.

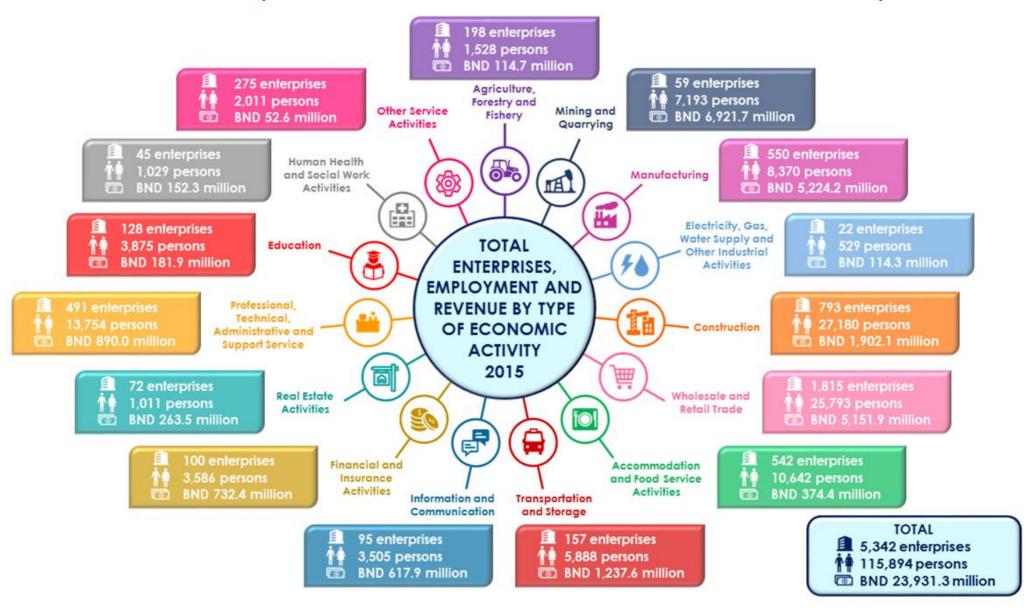
The Wholesale and Retail Trade, as the third top earner, recorded a total revenue of BND 5.2 billion, almost equal to that of the Manufacturing activity, representing an increase of 2.2 per cent per year from BND 4.6 billion in 2010. Other activities that recorded big increases in their revenue during the 2010-2015 period were Real Estate Activities (46.8 per cent); Human Health and Social Work Activities (16.9 per cent); Education (8.7 per cent); Financial and Insurance Activities (8.4 per cent); Agriculture, Forestry and Fishery (6.8 per cent); and Accommodation and Food Service Activities (6.0 per cent).

## TOTAL AND SHARE (%) OF ENTERPRISES, EMPLOYMENT AND REVENUE BY BUSINESS SIZE, 2010 AND 2015



2010

### TOTAL ENTERPRISES, EMPLOYMENT AND REVENUE BY TYPE OF ECONOMIC ACTIVITY, 2015



### SHARE (%) OF ENTERPRISES, EMPLOYMENT AND REVENUE BY TYPE OF ECONOMIC ACTIVITY, 2015

		ENTERPRISES	<b>EMPLOYMENT</b>	REVENUE
Agriculture, Forestry and Fishery	<b>6</b>	3.7	1.3	0.5
Mining and Quarrying	M	1.1	6.2	28.9
Manufacturing	14	10.3	7.2	21.8
Electricity, Gas, Water Supply and Other Industrial Activities	<b>*</b>	0.4	0.5	0.5
Construction		14.8	23.5	7.9
Wholesale and Retail Trade	<b>#</b>	34.0	22.3	21.5
Accommodation and Food Service Activities		10.1	9.2	1.6
Transportation and Storage	<del>-</del>	2.9	5.1	5.2
Information and Communication	<b>F</b>	1.8	3.0	2.6
Financial and Insurance Activities	30	1.9	3.1	3.1
Real Estate Activities	圖	1.3	0.9	1.1
Professional, Technical, Administrative and Support Service	***	9.2	11.9	3.7
Education		2.4	3.3	8.0
Human Health and Social Work Activities		0.8	0.9	0.6
Other Service Activities	<b>®</b>	5.1	1.7	0.2

	2010		2015		
	Number	Share (%)	Number	Share (%)	Growth* (%)
		` ,		` '	2010-2015
TOTAL ENTERPRISES	5,566	100.0	5,342	100.0	-0.8
Enterprises by Business Size					
Micro	2,216	39.8	1,920	35.9	-2.8
Small	2,381	42.8	2,294	42.9	-0.7
Medium	830	14.9	944	17.7	2.6
Large	139	2.5	184	3.5	5.8
Enterprises by Sector					
Primary	289	5.2	198	3.7	-7.3
Industry	1,446	26.0	1,424	26.7	-0.3
Services	3,831	68.8	3,720	69.6	-0.6
TOTAL EMPLOYMENT	99,607	100.0	115,894	100.0	3.1
Employment by Sex					
Male	68,688	69.0	81,103	70.0	3.4
Female	30,919	31.0	34,791	30.0	2.4
Employment by Residential Status					
Locals	42,518	42.7	51,590	44.5	3.9
Non-locals	57,089	57.3	64,304	55.5	2.4
Employment by Business Size					
Micro	5,395	5.4	4,759	4.1	-2.5
Small	22,411	22.5	21,985	19.0	-0.4
Medium	31,373	31.5	36,431	31.4	3.0
Large	40,428	40.6	52,719	45.5	5.5
Employment by Sector					
Primary	1,754	1.8	1,528	1.3	-2.7
Industry	36,466	36.6	43,272	37.3	3.5
Services	61,387	61.6	71,094	61.3	3.0
PAYMENT TO EMPLOYEES BY BUSINESS SIZE (BND MILLION)	2,072.9	100.0	2,706.6	100.0	5.5
Micro	78.3	3.8	53.2	3.8	-7.4
Small	325.3	15.7	303.6	15.7	-1.4
Medium	455.4	22.0	627.8	22.0	6.6
Large	1,213.9	58.5	1,722.0	58.6	7.2
TOTAL REVENUE (BND MILLION)	29,238.8	100.0	23,931.3	100.0	-3.9
Enterprises by Business Size					
Micro	656.0	2.2	900.5	3.8	6.5
Small	2,429.7	8.3	2,439.6	10.2	0.1
Medium	4,764.4	16.3	4,975.5	20.8	0.9
Large	21,388.7	73.2	15,615.7	65.2	-6.1
Enterprises by Sector					
Primary	82.7	0.3	114.7	0.5	6.8
Industry	21,183.0	72.4	14,162.2	59.2	-7.7
Services	7,973.1	27.3	9,654.4	40.3	3.9

<sup>\*</sup>based on Compound Annual Growth Rate (CAGR)

	2010		2015		
	Number	Share (%)	Number	Share (%)	Growth* (%) 2010-2015
TOTAL ENTERPRISES BY TYPE OF ECONOMIC ACTIVITY	5,566	100.0	5,342	100.0	-0.8
Agriculture, Forestry and Fishery	289	5.2	198	3.7	-7.3
Mining and Quarrying	40	0.7	59	1.1	8.1
Manufacturing	695	12.5	550	10.3	-4.6
Electricity, Gas, Water Supply and Other Industrial Activities	20	0.4	22	0.4	1.9
Construction	691	12.4	793	14.8	2.8
Wholesale and Retail Trade	1,907	34.3	1,815	34.0	-1.0
Accommodation and Food Service Activities	536	9.6	542	10.1	0.2
Transportation and Storage	166	3.0	157	2.9	-1.1
Information and Communication	98	1.8	95	1.8	-0.6
Financial and Insurance Activities	102	1.8	100	1.9	-0.4
Real Estate Activities	67	1.2	72	1.3	1.4
Professional, Technical, Administrative and Support Services	437	7.9	491	9.2	2.4
Education	128	2.3	128	2.4	0.0
Human Health and Social Work Activities	41	0.7	45	0.8	1.9
Other Service Activities	349	6.3	275	5.1	-4.7
TOTAL EMPLOYMENT BY TYPE OF ECONOMIC ACTIVITY	99,607	100.0	115,894	100.0	3.1
Agriculture, Forestry and Fishery	1,754	1.8	1,528	1.3	-2.7
Mining and Quarrying	5,277	5.3	7,193	6.2	6.4
Manufacturing	8,187	8.2	8,370	7.2	0.4
Electricity, Gas, Water Supply and Other Industrial Activities	283	0.3	529	0.5	13.3
Construction	22,719	22.8	27,180	23.5	3.7
Wholesale and Retail Trade	22,750	22.8	25,793	22.3	2.5
Accommodation and Food Service Activities	9,563	9.6	10,642	9.2	2.2
Transportation and Storage	4,972	5.0	5,888	5.1	3.4
Information and Communication	2,345	2.4	3,505	3.0	8.4
Financial and Insurance Activities	3,368	3.4	3,586	3.1	1.3
Real Estate Activities	675	0.7	1,011	0.9	8.4
Professional, Technical, Administrative and Support Services	11,234	11.3	13,754	11.9	4.1
Education	3,126	3.1	3,875	3.3	4.4
Human Health and Social Work Activities	664	0.7	1,029	0.9	9.2
Other Service Activities	2,690	2.7	2,011	1.7	-5.7

<sup>\*</sup>based on Compound Annual Growth Rate (CAGR)

	2010		2015		
TOTAL EMPLOYMENT BY TYPE OF ECONOMIC ACTIVITY AND SEX	Number	Share (%)	Number	Share (%)	Growth* (%) 2010-2015
MALES	68,688	100.0	81,103	100.0	3.4
Agriculture, Forestry and Fishery	1,448	2.1	1,347	1.7	-1.4
Mining and Quarrying	4,035	5.9	5,433	6.7	6.1
Manufacturing	5,245	7.6	5,654	7.0	1.5
Electricity, Gas, Water Supply and Other Industrial Activities	266	0.4	440	0.5	10.6
Construction	20,782	30.3	24,674	30.4	3.5
Wholesale and Retail Trade	14,122	20.6	16,047	19.8	2.6
Accommodation and Food Service Activities	5,122	7.5	6,102	7.5	3.6
Transportation and Storage	3,656	5.3	4,543	5.6	4.4
Information and Communication	1,426	2.1	2,086	2.6	7.9
Financial and Insurance Activities	1,312	1.9	1,463	1.8	2.2
Real Estate Activities	392	0.6	622	0.8	9.7
Professional, Technical, Administrative and Support Services	8,526	12.4	10,302	12.7	3.9
Education	808	1.2	1,035	1.3	5.1
Human Health and Social Work Activities	199	0.3	333	0.4	10.8
Other Service Activities	1,349	2.0	1,022	1.3	-5.4
FEMALES	30,919	100.0	34,791	100.0	2.4
Agriculture, Forestry and Fishery	306	1.0	181	0.5	-10.0
Mining and Quarrying	1,242	4.0	1,760	5.1	7.2
Manufacturing	2,942	9.5	2,716	7.8	-1.6
Electricity, Gas, Water Supply and Other Industrial Activities	17	0.1	89	0.3	39.2
Construction	1,937	6.3	2,506	7.2	5.3
Wholesale and Retail Trade	8,628	27.9	9,746	28.0	2.5
Accommodation and Food Service Activities	4,441	14.4	4,540	13.0	0.4
Transportation and Storage	1,316	4.3	1,345	3.9	0.4
Information and Communication	919	3.0	1,419	4.1	9.1
Financial and Insurance Activities	2,056	6.6	2,123	6.1	0.6
Real Estate Activities	283	0.9	389	1.1	6.6
Professional, Technical, Administrative and Support Services	2,708	8.8	3,452	9.9	5.0
Education	2,318	7.5	2,840	8.2	4.1
Human Health and Social Work Activities	465	1.5	696	2.0	8.4
Other Service Activities	1,341	4.3	989	2.8	-5.9

<sup>\*</sup>based on Compound Annual Growth Rate (CAGR)

	2010		2015		
TOTAL EMPLOYMENT BY TYPE OF ECONOMIC ACTIVITY AND RESIDENTIAL STATUS	Number	Share (%)	Number	Share (%)	Growth* (%) 2010-2015
LOCALS	42,518	100.0	51,590	100.0	3.9
Agriculture, Forestry and Fishery	484	1.1	360	0.7	-5.7
Mining and Quarrying	3,815	9.0	5,346	10.4	7.0
Manufacturing	2,782	6.5	2,635	5.1	-1.1
Electricity, Gas, Water Supply and Other Industrial Activities	73	0.2	256	0.5	28.5
Construction	3,338	7.9	4,891	9.5	7.9
Wholesale and Retail Trade	9,952	23.4	11,560	22.4	3.0
Accommodation and Food Service Activities	3,351	7.9	3,696	7.2	2.0
Transportation and Storage	3,081	7.2	3,390	6.6	1.9
Information and Communication	2,026	4.8	2,974	5.8	8.0
Financial and Insurance Activities	3,274	7.7	3,493	6.8	1.3
Real Estate Activities	514	1.2	667	1.3	5.3
Professional, Technical, Administrative and Support Services	6,439	15.1	8,874	17.2	6.6
Education	1,851	4.4	2,067	4.0	2.2
Human Health and Social Work Activities	388	0.9	653	1.3	11.0
Other Service Activities	1,150	2.7	728	1.4	-8.7
NON-LOCALS	57,089	100.0	64,304	100.0	2.4
Agriculture, Forestry and Fishery	1,270	2.2	1,168	1.8	-1.7
Mining and Quarrying	1,462	2.6	1,847	2.9	4.8
Manufacturing	5,405	9.5	5,735	8.9	1.2
Electricity, Gas, Water Supply and Other Industrial Activities	210	0.4	273	0.4	5.4
Construction	19,381	33.9	22,289	34.7	2.8
Wholesale and Retail Trade	12,798	22.4	14,233	22.1	2.1
Accommodation and Food Service Activities	6,212	10.9	6,946	10.8	2.3
Transportation and Storage	1,891	3.3	2,498	3.9	5.7
Information and Communication	319	0.6	531	0.8	10.7
Financial and Insurance Activities	94	0.2	93	0.1	-0.2
Real Estate Activities	161	0.3	344	0.5	16.4
Professional, Technical, Administrative and Support Services	4,795	8.4	4,880	7.6	0.4
Education	1,275	2.2	1,808	2.8	7.2
Human Health and Social Work Activities	276	0.5	376	0.6	6.4
Other Service Activities	1,540	2.7	1,283	2.0	-3.6

<sup>\*</sup>based on Compound Annual Growth Rate (CAGR)

	2010		2015		
	BND million	Share (%)	BND million	Share (%)	Growth* (%) 2010-2015
PAYMENT TO EMPLOYEES BY TYPE OF ECONOMIC ACTIVITY	2,073.0	100.0	2,706.6	100.0	5.5
Agriculture, Forestry and Fishery	11.4	0.5	12.1	0.4	1.2
Mining and Quarrying	579.8	28.0	796.4	29.4	6.6
Manufacturing	132.7	6.4	182.0	6.7	6.5
Electricity, Gas, Water Supply and Other Industrial Activities	5.1	0.2	8.3	0.3	10.4
Construction	242.4	11.7	398.5	14.7	10.5
Wholesale and Retail Trade	304.7	14.7	388.5	14.4	5.0
Accommodation and Food Service Activities	82.4	4.0	102.6	3.8	4.5
Transportation and Storage	122.5	5.9	137.6	5.1	2.3
Information and Communication	69.1	3.3	93.7	3.5	6.3
Financial and Insurance Activities	146.5	7.1	121.1	4.5	-3.7
Real Estate Activities	11.3	0.5	11.5	0.4	0.4
Professional, Technical, Administrative and Support Services	236.9	11.4	293.8	10.9	4.4
Education	81.8	3.9	101.1	3.7	4.3
Human Health and Social Work Activities	21.3	1.0	39.1	1.4	13.0
Other Service Activities	25.1	1.2	20.3	0.8	-4.2
REVENUE BY TYPE OF ECONOMIC ACTIVITY	29,238.8	100.0	23,931.3	100.0	-3.9
Agriculture, Forestry and Fishery	82.7	0.3	114.7	0.5	6.8
Mining and Quarrying	12,616.6	43.2	6,921.7	28.9	-11.3
Manufacturing	6,500.2	22.2	5,224.2	21.8	-4.3
Electricity, Gas, Water Supply and Other Industrial Activities	94.7	0.3	114.3	0.5	3.8
Construction	1,971.5	6.7	1,902.1	7.9	-0.7
Wholesale and Retail Trade	4,612.9	15.8	5,151.9	21.5	2.2
Accommodation and Food Service Activities	279.9	1.0	374.4	1.6	6.0
Transportation and Storage	992.6	3.4	1,237.6	5.2	4.5
Information and Communication	569.2	1.9	617.9	2.6	1.7
Financial and Insurance Activities	489.1	1.7	732.4	3.1	8.4
Real Estate Activities	38.7	0.1	263.5	1.1	46.8
Professional, Technical, Administrative and Support Services	725.9	2.5	890.0	3.7	4.2
Education	119.6	0.4	181.9	0.8	8.7
Human Health and Social Work Activities	69.8	0.2	152.3	0.6	16.9
Other Service Activities	75.4	0.3	52.6	0.2	-6.9

<sup>\*</sup>based on Compound Annual Growth Rate (CAGR)

### **Technical Notes**

### **Scope and Coverage**

The Economic Census of Enterprises (ECE) 2016 covered all active companies and businesses in the country, whether proprietorship, partnership, public limited company, private limited company, branch of a foreign company and co-operatives.

#### **Reference Year**

All companies and businesses were requested to provide data for the reference year 2015. For companies and businesses which have a different accounting year from the calendar year, they were requested to provide data according to their accounting year.

### Methodology

ECE 2016 was conducted by mail whereby the questionnaires were distributed starting in May 2016. Companies and businesses were given a period of one month to submit the completed questionnaire to JPKE starting from 1st until 30th June 2016. For companies and businesses that failed to submit the questionnaire within the given period, reminder letters were sent out and then followed up with fieldworks done by JPKE officers and staff.

### **Concepts and Definitions**

The following are some concepts and definitions used in the Economic Census of Enterprises (ECE) 2016:

### **Reporting Unit**

The reporting unit for ECE 2016 is the 'enterprise', based on the legal registration with the Registrar of Companies and Business Names (ROCBN). If an enterprise has multiple branches, only one consolidated questionnaire is required for all branches including the main branch. If however each branch has its own account, then it is required to submit separate questionnaires for each branch, where consolidation will be done at the office.

#### **Business Size**

All enterprises are divided into four categories of business size, which are micro, small, medium and large, according to the number of employees. Micro enterprises are those with less than 5 employees, small enterprises with 5 to 19 employees and medium enterprises with 20 to 99 employees. Enterprises with 100 or more employees are considered as large enterprises.

### Type of Economic Activity

Type of economic activity refers to the principal business activity as well as other business activities of the enterprise. The principal business activity is the activity which contributes the major income to the enterprise. Other business activities refer to business activities done by the enterprise other than the principal business activity. The type of economic activity of an enterprise is classified according to its principal business activity using the **Brunei Darussalam Standard Industrial Classification (BDSIC) 2011** which is based on the International Standard Industrial Classification (ISIC), Revision 4 of the United Nations Statistics Division.

### **Employment**

Employment covers all persons engaged by the enterprise as of 30th June of the reference year. Employees are categorized according to their residential status, which is either locals (Brunei citizens and permanent residents) or non-locals (Temporary residents).

### **Payment to Employees**

Payment to employees is defined as the total remuneration, in cash or in kind, payable by an enterprise to an employee in return for work done during the reference period. This includes salaries and wages and other benefits such as free accommodation, medical attention and employer's contribution to the Employees Trust Fund (TAP) and Supplemental Contributory Pension (SCP) for the local workers.

#### Revenue

Revenue from business activities refers to payments received and receivable arising from the principal and other business activities carried out during the reference year, whether in the form of sales of goods, rendering of services, value of work done, rental income from land, buildings/structures, and machinery and equipment or other operating revenue.

### Compound Annual Growth Rate

The compound annual growth rate is calculated as:

$$CAGR = \left( \left( \frac{V_{t+n}}{V_t} \right)^{\frac{1}{n}} - 1 \right) \times 100$$

where

n is the number of years between year t and year t + n

 $V_t$  is the value at the year t

 $V_{t+n}$  is the value at the year t+n