

ASEAN STATISTICAL YEARBOOK 2019



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ASEAN Statistical Yearbook 2019

The ASEAN Secretariat
Jakarta

The Association of Southeast Asian Nations (ASEAN) was established on 8 August 1967. The Member States of the Association are Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam. The ASEAN Secretariat is based in Jakarta, Indonesia.

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Catalogue-in-Publication Data

ASEAN Statistical Yearbook 2019
Jakarta: ASEAN Secretariat, December 2019

315.9
1. ASEAN – Statistics
2. Demography – Economic Growth – Social Indicators

ISBN 978-602-5798-52-8



ASEAN: A Community of Opportunities for All

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FOREWORD

First published in 2002, *the ASEAN Statistical Yearbook* has become one of the ASEAN Secretariat's most established publications. Now in its 15th edition, the ASEAN Statistical Yearbook 2019 continues to provide accurate, timely, and reliable historical data on social and economic progress in the region.

The ASEAN Statistical Yearbook 2019 covers data for the period of 2008-2018 and comprises of sections on ASEAN population, education, health, employment, macroeconomic performance, trade in goods and services, foreign direct investment, transport, tourism, agriculture, manufacturing and other socio-economic indicators.

The production of the ASEAN Statistical Yearbook 2019 was made possible by the strong cooperation and collaboration between the Statistics Division of the ASEAN Secretariat (ASEANstats) and the ASEAN Member States' National Statistical Offices under the ASEAN Community Statistical System (ACSS). It contributes to our continued efforts to support regional integration and progress monitoring through statistical cooperation for more informed policy making.

It is therefore my great pleasure to present the ASEAN Statistical Yearbook 2019. I hope you will find the publication resourceful.



DATO LIM JOCK HOI
Secretary-General of ASEAN
Jakarta, December 2019

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CHAPTER 1

Population

Table 1.1. Number of Mid Year Population¹⁾ in ASEAN, 2009-2018

(in thousand)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	380.1	386.8	393.4	399.8	406.2	411.9	412.4	417.3	429.5	442.4
Cambodia	14,085.3	14,302.8	14,521.3	14,741.4	14,676.5	14,932.3	15,191.7	15,453.9	15,717.7	15,981.8
Indonesia	231,369.5	234,181.4	241,990.7	245,425.2	248,818.1	252,164.8	255,461.7	258,705.0	261,890.9	265,015.3
Lao PDR	6,127.9	6,256.2	6,385.1	6,514.4	6,644.0	6,809.1	6,492.0	6,621.1	6,752.8	6,887.1
Malaysia	28,081.5	28,588.6	29,062.0	29,510.0	30,213.7	30,708.5	31,186.1	31,633.5	32,022.6	32,385.0
Myanmar	50,110.0	50,537.0	50,149.0	50,667.0	51,184.0	51,991.0	52,450.0	52,917.0	53,388.0	53,625.0
Philippines	92,226.6	93,135.1	94,823.8	96,510.9	98,196.5	99,880.3	101,562.3	103,242.9	104,921.4	106,598.6
Singapore	4,987.6	5,076.7	5,183.7	5,312.4	5,399.2	5,469.7	5,535.0	5,607.3	5,612.3	5,638.7
Thailand	66,903.0	65,921.1	66,214.0	66,491.7	66,754.6	67,002.6	67,236.0	67,454.7	67,653.2	67,831.6
Viet Nam	86,025.0	86,947.4	87,860.4	88,809.3	89,759.5	90,728.9	91,709.8	92,695.1	93,671.6	94,666.0
ASEAN	580,296.5	585,333.1	596,583.4	604,382.2	612,052.3	620,099.1	627,237.0	634,747.8	642,059.9	649,071.5

Source:
ASEAN Secretariat

Note:
1) National Estimation

Table 1.2. Population Growth in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.4	1.8	1.7	1.6	1.6	1.4	0.1	1.2	2.9	3.0
Cambodia	2.1	1.5	1.5	1.5	-0.4	1.7	1.7	1.7	1.7	1.7
Indonesia	1.2	1.2	3.3	1.4	1.4	1.3	1.3	1.3	1.2	1.2
Lao PDR	2.1	2.1	2.1	2.0	2.0	2.5	-4.7	2.0	2.0	2.0
Malaysia	1.9	1.8	1.7	1.5	2.4	1.6	1.6	1.4	1.2	1.1
Myanmar	0.8	0.9	-0.8	1.0	1.0	1.6	0.9	0.9	0.9	0.4
Philippines	2.0	1.0	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6
Singapore	3.1	1.8	2.1	2.5	1.6	1.3	1.2	1.3	0.1	0.5
Thailand	0.6	-1.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Viet Nam	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ASEAN	1.3	0.9	1.9	1.3	1.3	1.3	1.2	1.2	1.2	1.1

Source:
ASEAN Secretariat

Table 1.3. Population Density¹⁾ in ASEAN, 2009-2018

Country	Total Area (Sq. Km)	Population Density (per Sq. Km)										Rank of Pop. Density in 2018
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Brunei Darussalam	5,765.0	70.0	67.1	68.2	69.3	70.5	71.4	71.5	72.4	74.5	76.7	9
Cambodia	181,035.0	77.8	79.0	80.2	81.4	81.1	82.5	83.9	85.4	86.8	88.3	7
Indonesia	1,916,862.2	120.7	122.2	126.2	128.0	129.8	131.6	133.3	135.0	136.6	138.3	4
Lao PDR	236,800.0	25.9	26.4	27.0	27.5	28.1	28.8	27.4	28.0	28.5	29.1	10
Malaysia	331,388.0	84.7	86.3	87.7	89.0	91.2	92.7	94.1	95.5	96.6	97.7	6
Myanmar	676,576.0	87.0	88.0	89.0	89.0	75.7	76.8	77.5	78.2	78.9	79.3	8
Philippines	300,000.0	307.4	310.5	316.1	321.7	327.3	332.9	338.5	344.1	349.7	355.3	2
Singapore	719.9	7,025.0	7,146.0	7,273.0	7,379.4	7,499.9	7,597.9	7,688.6	7,789.0	7,795.9	7,832.6	1
Thailand	513,139.5	130.4	128.5	129.0	129.6	130.1	130.6	131.0	131.5	131.8	132.2	5
Viet Nam	331,230.0	259.7	262.5	265.3	268.1	271.0	273.9	276.9	279.9	282.8	285.8	3
ASEAN	4,493,515.6	129.1	130.3	132.8	134.5	136.2	138.0	139.6	141.3	142.9	144.4	-

Source:
ASEAN Secretariat

Note:
1) Derived from Table 1.1 and figures on land area

Chart 1.1. Population Density in ASEAN, 2009-2018

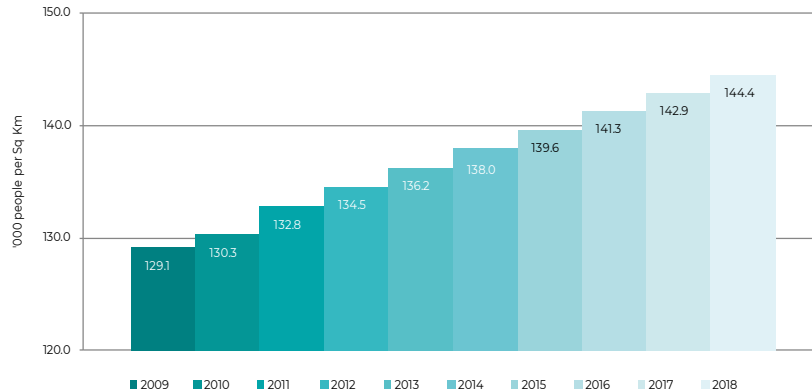


Table 1.4. Population in ASEAN by Gender, 2018

Country	Number ('000)			Percentage			Sex Ratio
	Male	Female	Total	Male	Female	Total	
Brunei Darussalam	233.4	209.0	442.4	52.8	47.2	100.0	111.7
Cambodia	7,796.2	8,185.6	15,981.8	48.8	51.2	100.0	95.2
Indonesia	126,877.7	138,137.6	265,015.3	47.9	52.1	100.0	91.8
Lao PDR	3,453.1	3,434.0	6,887.1	50.1	49.9	100.0	100.6
Malaysia	16,721.8	15,663.4	32,385.2	51.6	48.4	100.0	106.8
Myanmar	25,748.0	27,877.0	53,625.0	48.0	52.0	100.0	92.4
Philippines	53,772.8	52,825.8	106,598.6	50.4	49.6	100.0	101.8
Singapore ¹⁾	1,955.8	2,038.4	3,994.3	49.0	51.0	100.0	95.9
Thailand	33,052.4	34,779.1	67,831.6	48.7	51.3	100.0	95.0
Viet Nam	46,785.2	47,880.8	94,666.0	49.4	50.6	100.0	97.7
ASEAN²⁾	316,396.5	331,030.8	647,427.3	48.9	51.1	100.0	95.6

Source:
ASEAN Secretariat

Note:

1) Singapore residents only

2) Total ASEAN exclude Singapore's non-resident's population

Table 1.5. Population in ASEAN by Age Group, 2018

Country	Number ('000)						Percentage					
	0-4	5-19	20-54	55-64	> 65	Total	0-4	5-19	20-54	55-64	> 65	Total
Brunei Darussalam	30.1	99.2	256.7	36.2	20.2	442.4	6.8	22.4	58.0	8.2	4.6	100.0
Cambodia	1,770.9	4,303.3	7,975.1	1,084.5	848.0	15,981.8	11.1	26.9	49.9	6.8	5.3	100.0
Indonesia	23,920.3	67,065.1	124,747.5	29,736.5	19,545.9	265,015.3	9.0	25.3	47.1	11.2	7.4	100.0
Lao PDR ¹⁾	723.5	2,224.6	3,281.2	366.0	291.7	6,887.1	10.5	32.3	47.6	5.3	4.2	100.0
Malaysia	2,595.6	7,980.7	17,160.0	2,550.0	2,098.9	32,385.2	8.0	24.6	53.0	7.9	6.5	100.0
Myanmar	4,986.0	14,879.0	26,206.0	4,270.0	3,284.0	53,625.0	9.3	27.7	48.9	8.0	6.1	100.0
Philippines	11,431.7	31,694.2	50,666.8	7,232.0	5,573.9	106,598.6	10.7	29.7	47.5	6.8	5.2	100.0
Singapore ²⁾	185.5	632.1	2,052.7	576.1	547.9	3,994.3	4.6	15.8	51.4	14.4	13.7	100.0
Thailand	3,743.3	12,471.5	34,811.0	8,695.3	8,110.5	67,831.6	5.5	18.4	51.3	12.8	12.0	100.0
Viet Nam	7,263.3	21,372.6	47,521.2	10,109.3	8,399.7	94,666.0	7.7	22.6	50.2	10.7	8.9	100.0
ASEAN³⁾	56,650.3	162,722.3	314,678.3	64,655.9	48,720.6	647,427.3	8.8	25.1	48.6	10.0	7.5	100.0

Source:
ASEAN Secretariat

Notes:
1) Applying 2015 age structure
2) Total Singapore resident only -- different with total population in Table 1.1
3) Total ASEAN excludes Singapore's non-resident population

Chart 1.2. Change in ASEAN Population Structure 2000-2018

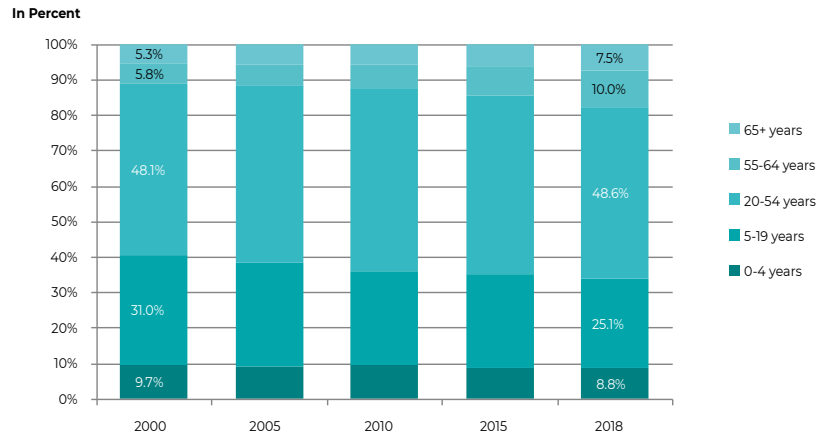


Table 1.6. Urban Population in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	-	75.7	78.5	78.7	77.0	76.9	78.0	78.0	77.0	77.6
Cambodia	19.5	19.9	21.0	21.5	21.4	22.5	23.0	23.5	24.0	23.4
Indonesia	-	49.8	51.2	51.9	52.0	53.0	53.3	54.0	55.0	55.3
Lao PDR	-	33.2	35.0	35.3	36.0	37.6	38.0	40.0	34.0	35.0
Malaysia	63.7	71.0	71.9	72.7	73.0	74.0	74.0	74.8	75.2	75.6
Myanmar	-	30.7	30.8	30.8	30.8	30.0	30.0	35.0	30.0	30.6
Philippines	-	45.3	48.5	48.6	45.0	44.0	44.0	44.0	47.0	46.9
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	-	-	36.1	33.9	44.5	49.0	49.0	52.0	49.0	49.9
Viet Nam	29.6	30.5	31.6	31.9	32.2	33.1	33.9	34.4	35.0	35.7
ASEAN¹⁾	-	44.6	45.0	45.2	45.9	46.8	47.1	48.3	48.5	48.9

Source

ASEAN Secretariat

ADB Key Indicators for Asia and the Pacific 2010-2018

World Bank WDI Population Data website as of 2010-2018; United Nations Population Division, World Urbanization Prospects: 2018 Revision.

Notes:

1) ASEAN figures are estimated based on AMS figures.

The background is a teal color with a subtle grid pattern of darker teal squares. On the left side, there are large, white, outlined numbers: a '2' at the top, a '3' below it, a large '4' in the middle, and a '4' and '8' at the bottom. The '4' and '8' are partially overlapping.

CHAPTER 2

Education & Health

Table 2.1. Adult Literacy Rate¹⁾ in ASEAN by Gender, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total										
Brunei Darussalam	96.8	96.0	96.4	96.8	97.2	96.5	96.6	96.9	97.0	97.1
Cambodia	73.9	76.7	79.9	79.7	80.7	78.1	80.5	84.4	82.5	-
Indonesia	92.6	92.9	92.4	93.0	93.9	95.1	95.2	95.4	95.5	95.7
Lao PDR	-	75.3	-	-	79.0	-	84.7	-	-	-
Malaysia	92.7	93.1	93.8	94.0	94.0	94.5	94.2	94.9	95.1	94.9
Myanmar	-	-	89.3	89.4	89.4	89.5	89.6	75.6	-	-
Philippines	-	-	-	-	96.5	-	-	-	-	-
Singapore	95.6	95.9	96.2	96.4	96.6	96.7	96.8	97.0	97.2	97.3
Thailand	-	96.1	-	-	93.7	-	92.9	-	-	-
Viet Nam	94.0	93.7	94.2	94.7	94.8	94.7	94.9	95.0	95.1	94.8
Male										
Brunei Darussalam	97.3	97.4	97.6	97.8	98.1	97.7	97.8	98.0	98.0	98.1
Cambodia	82.7	85.1	87.8	86.9	87.7	84.8	86.5	90.0	87.3	-
Indonesia	95.6	95.4	95.4	95.7	96.5	96.8	97.1	97.2	97.2	97.3
Lao PDR	-	81.2	-	-	83.0	87.1	90.0	-	-	-
Malaysia	95.2	95.3	95.8	95.9	95.9	96.2	95.8	96.3	96.5	96.1
Myanmar	-	-	92.3	92.5	92.5	92.6	92.7	80.0	-	-
Philippines	-	-	-	-	96.1	-	-	-	-	-
Singapore	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.9
Thailand	-	96.1	-	-	95.3	96.6	94.7	-	-	-
Viet Nam	96.1	95.9	96.5	96.6	96.6	96.4	96.6	96.6	96.7	96.5
Female										
Brunei Darussalam	94.6	94.6	95.2	95.8	96.3	95.3	95.3	95.7	95.9	96.0
Cambodia	65.9	69.1	72.6	73.2	74.4	71.8	75.0	79.3	78.1	-
Indonesia	89.7	90.5	89.5	90.3	91.4	93.5	93.3	93.6	93.8	94.0
Lao PDR	-	69.6	-	-	74.0	72.8	79.4	-	-	-
Malaysia	90.2	90.7	91.6	92.0	92.0	92.7	92.6	93.4	93.6	93.5
Myanmar	-	-	86.6	86.7	86.8	86.9	87.0	71.8	-	-
Philippines	-	-	-	-	96.8	-	-	-	-	-
Singapore	93.3	93.8	94.1	94.4	94.7	94.9	95.2	95.4	95.7	95.9
Thailand	-	96.4	-	-	92.2	96.7	91.2	-	-	-
Viet Nam	92.0	91.6	92.2	92.9	93.1	93.0	93.3	93.5	93.6	93.2

Sources:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific, 2010-2017
 World Bank - World Development Indicators

Notes:
 1) Adult Literacy Rate refers to 15+; for Brunei Darussalam age 10 and above
 "-" not available at the time of publication

Table 2.2. Net Enrollment Ratio in Primary School in ASEAN by Gender, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total										
Brunei Darussalam	97.5	97.4	100.6	100.8	101.8	99.9	100.0	103.0	104.4	103.1
Cambodia	94.4	94.8	95.2	97.0	95.6	94.5	93.9	93.5	92.6	-
Indonesia	94.4	94.8	91.0	92.5	95.6	96.4	96.2	96.8	97.2	97.6
Lao PDR	91.6	92.7	94.1	95.2	97.3	-	98.0	-	-	-
Malaysia	97.3	96.6	96.7	97.7	98.8	98.4	98.1	96.1	96.7	-
Myanmar	83.9	84.1	84.6	84.6	86.4	86.7	94.5	95.5	96.9	97.0
Philippines	89.2	89.4	89.9	95.1	93.8	92.6	91.0	95.2	94.2	-
Singapore	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	-	86.0	-	97.6	98.8	-	96.0	-	-	-
Viet Nam	95.5	94.9	95.3	96.5	96.6	96.8	97.2	98.0	98.0	-
Male										
Brunei Darussalam	95.9	96.9	100.2	-	-	-	-	102.5	104.5	101.8
Cambodia	94.8	95.0	95.8	98.0	95.4	94.1	93.3	93.2	92.4	-
Indonesia	94.4	95.0	91.6	92.6	95.7	96.6	96.5	97.0	97.3	97.8
Lao PDR	92.7	93.7	94.9	96.0	98.1	-	-	-	-	-
Malaysia	95.9	96.4	96.3	97.5	98.7	98.7	95.3	96.0	95.9	-
Myanmar	84.5	-	-	88.6	88.7	86.3	85.2	95.5	96.6	96.8
Philippines	76.4	94.5	95.8	94.2	93.0	91.8	90.2	-	-	-
Singapore	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	90.0	90.0	-	-	-	-	-	-	-	-
Viet Nam	95.5	95.0	95.2	96.4	96.7	-	-	-	-	-
Female										
Brunei Darussalam	91.2	91.9	100.9	-	-	-	-	103.4	104.3	104.6
Cambodia	94.0	94.6	94.6	97.7	95.8	94.9	94.7	93.9	92.9	-
Indonesia	92.2	94.7	90.5	92.4	95.5	96.3	96.9	96.7	97.0	97.4
Lao PDR	90.4	91.7	93.3	94.3	96.5	-	-	-	-	-
Malaysia	98.8	96.7	97.2	97.9	98.9	98.0	97.0	97.4	97.4	-
Myanmar	82.7	86.7	84.7	85.1	85.3	83.0	94.8	94.7	94.7	97.2
Philippines	89.0	97.5	98.5	96.2	94.7	93.4	92.0	-	-	-
Singapore	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	89.4	89.4	-	-	-	-	-	-	-	-
Viet Nam	95.4	94.9	95.4	96.6	96.5	-	-	-	-	-

Sources:
ASEAN Secretariat
World Bank - World Development Indicators

Note:
“-” not available at the time of publication

Table 2.3. Net Enrollment Ratio in Secondary School in ASEAN by Gender 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total										
Brunei Darussalam	-	97.0	95.8	93.6	93.9	92.0	92.5	90.0	90.8	88.9
Cambodia	24.9	26.0	27.6	28.7	34.7	34.8	35.7	37.1	-	-
Indonesia	67.4	67.7	68.4	70.9	73.9	77.5	77.8	78.0	78.7	78.8
Lao PDR	36.8	33.9	33.4	34.7	-	-	-	-	-	-
Malaysia	90.0	89.6	89.8	90.2	90.4	68.0	68.5	87.3	90.2	-
Myanmar	40.9	48.7	40.4	40.9	40.5	44.0	45.8	47.5	54.0	57.8
Philippines	59.5	64.7	64.8	64.2	64.9	63.2	68.2	74.2	76.0	-
Singapore	95.2	98.3	98.8	98.8	99.3	99.5	99.5	99.5	-	-
Thailand	-	83.4	-	-	-	-	-	-	-	-
Viet Nam	-	70.8	72.0	74.1	76.2	77.1	80.2	82.1	83.4	-
Male										
Brunei Darussalam	95.5	-	96.1	-	-	-	-	90.3	90.0	88.1
Cambodia	24.8	25.1	26.7	31.3	33.6	33.2	33.5	34.2	-	-
Indonesia	66.8	67.0	67.0	69.5	70.6	75.6	75.6	75.7	77.7	77.9
Lao PDR	41.1	55.5	36.8	38.0	-	-	-	-	-	-
Malaysia	87.3	87.0	87.0	87.5	87.6	65.0	65.0	84.3	88.0	-
Myanmar	38.5	41.3	41.7	41.4	44.9	-	43.7	44.7	51.1	54.6
Philippines	44.9	59.5	59.0	59.5	59.9	58.4	63.6	-	-	-
Singapore	95.6	98.5	99.0	98.9	99.5	99.5	99.5	99.5	-	-
Thailand	-	-	-	-	-	-	-	-	-	-
Viet Nam	-	-	-	-	-	-	-	-	-	-
Female										
Brunei Darussalam	99.4	-	95.6	-	-	-	-	89.7	91.7	89.8
Cambodia	25.1	27.1	28.6	29.1	35.8	36.5	38.0	40.1	-	-
Indonesia	66.9	66.4	68.9	71.5	72.8	77.7	79.0	79.6	79.7	79.9
Lao PDR	32.5	30.4	30.0	31.4	-	-	-	-	-	-
Malaysia	92.9	92.4	92.8	93.1	93.4	71.2	72.3	90.6	92.5	-
Myanmar	40.6	39.6	40.1	39.7	43.2	-	47.9	50.4	57.1	61.0
Philippines	52.5	70.2	69.6	70.0	70.1	68.3	73.0	-	-	-
Singapore	94.8	98.1	98.5	98.8	99.2	99.6	99.5	99.5	-	-
Thailand	-	-	-	-	-	-	-	-	-	-
Viet Nam	-	-	-	-	-	-	-	-	-	-

Sources:
ASEAN Secretariat
World Bank - World Development Indicators

Note:
“-” not available at the time of publication

Table 2.4. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2008-2017

(in percent)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Primary School										
Brunei Darussalam	91.9	92.7	93.4	93.7	93.8	94.4	94.7	94.1	93.9	93.8
Cambodia	90.2	91.4	90.9	91.1	88.9	92.2	93.3	93.5	93.0	92.6
Indonesia	-	93.0	100.0	101.0	102.0	-	-	91.5	-	-
Lao PDR	96.0	-	93.0	-	91.0	-	-	92.0	-	-
Malaysia	94.4	94.1	94.5	96.6	96.9	95.8	97.1	96.0	95.4	100.0
Myanmar	98.5	97.4	98.1	96.6	96.9	96.2	96.0	96.1	95.4	94.7
Philippines	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	-
Singapore	99.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	98.6	94.0	93.6	-	-	-	-	90.0	-	-
Viet Nam	94.7	-	93.0	-	91.7	91.8	91.8	93.0	-	-
Secondary School										
Brunei Darussalam	91.9	91.4	91.1	89.0	87.5	88.8	89.6	91.9	92.1	93.0
Cambodia	88.0	84.0	86.0	89.0	91.0	96.3	99.7	103.3	106.9	108.9
Indonesia	99.0	95.5	102.0	101.0	102.0	-	-	96.5	-	-
Lao PDR	81.0	-	58.4	-	-	-	-	89.0	-	-
Malaysia	99.0	99.4	99.2	99.5	98.9	99.2	94.1	107.9	109.5	109.5
Myanmar	101.0	101.3	104.6	103.9	104.3	105.6	106.6	107.9	109.5	109.1
Philippines	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
Singapore	99.8	99.2	99.6	99.0	100.0	99.8	100.1	100.0	100.0	100.0
Thailand	109.0	104.6	108.8	-	106.0	-	-	110.0	-	-
Viet Nam	-	-	95.6	-	94.3	94.9	95.4	95.0	-	-

Sources:
 ASEAN Secretariat
 United Nations Statistics Division (UNSD) Millennium Indicators Database
 ADB Key Indicators for Asia and the Pacific, 2010-2017

Note:
 "-" - not available at the time of publication

Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2008-2017

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Primary School										
Brunei Darussalam	11.9	11.9	13.6	11.3	10.6	10.2	10.3	10.0	9.9	10.2
Cambodia	49.3	49.7	48.4	48.4	48.4	-	-	45.5	42.5	44.0
Indonesia	18.0	17.0	17.0	18.4	19.7	17.5	17.2	-	14.0	17.2
Lao PDR	30.0	31.2	28.8	26.8	25.7	-	-	24.2	23.0	-
Malaysia	15.0	14.0	13.3	13.1	11.9	-	-	11.5	11.6	11.6
Myanmar	28.0	28.0	28.0	27.0	28.0	-	-	-	-	23.0
Philippines	-	31.4	-	-	-	-	-	-	-	-
Singapore	19.3	17.4	-	18.5	17.6	16.4	-	-	-	15.1
Thailand	16.0	-	-	-	-	-	-	16.9	-	-
Viet Nam	19.3	19.5	18.6	19.4	18.9	19.2	19.0	19.2	19.6	20.3
Secondary School										
Brunei Darussalam	9.7	10.6	10.3	10.2	9.9	9.3	9.3	9.0	8.8	9.0
Cambodia	28.9	27.4	26.7	25.2	23.1	-	-	-	20.9	21.9
Indonesia	14.0	14.0	14.0	17.2	18.5	17.3	16.3	-	14.1	16.1
Lao PDR	23.2	15.0	16.3	14.2	13.3	-	-	18.7	18.3	-
Malaysia	14.5	13.7	13.4	13.1	12.9	-	-	12.0	12.0	11.8
Myanmar	36.0	35.0	34.0	35.0	34.0	-	-	-	27.0	27.0
Philippines	-	35.0	-	-	-	-	-	-	-	-
Singapore	16.4	14.9	-	14.7	14.1	13.3	-	-	12.2	11.7
Thailand	21.2	-	-	19.9	-	-	-	28.2	-	-
Viet Nam	17.3	16.3	15.6	15.8	15.5	15.6	16.0	-	16.7	17.3

Sources:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific
 United Nations Educational, Scientific and Cultural Organization (UNESCO)

Note:
 "-" not available at the time of publication

Table 2.6. Crude Birth Ratio (CBR) and Crude Death Ratio (CDR) in ASEAN, 2009-2018

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Crude Birth ratio (CBR)¹⁾										
Brunei Darussalam	17.4	16.6	17.1	17.3	16.5	16.8	16.1	15.2	15.0	14.0
Cambodia	24.7	22.5	-	25.9	25.7	-	23.8	23.3	-	-
Indonesia	18.5	21.0	21	20.3	19.9	19.5	19.2	18.8	18.5	18.2
Lao PDR	30.7	22.8	-	28.1	27.2	26.6	26.3	23.9	-	-
Malaysia	17.9	17.2	17.6	17.8	16.7	17.2	16.7	16.1	15.9	15.8
Myanmar	20.3	17.3	-	17.4	17.2	20.6	20.4	20.2	19.9	-
Philippines	24.4	25.1	-	24.6	24.4	-	23.3	23.2	-	-
Singapore	9.9	9.3	9.5	10.1	9.3	9.8	9.7	9.4	8.9	8.8
Thailand	14.4	12.1	12.4	12.5	10.2	-	10.5	10.3	10.1	-
Viet Nam	17.6	17.1	16.6	16.9	17.0	17.2	16.2	16.0	14.9	14.6
Crude Death Ratio (CDR)²⁾										
Brunei Darussalam	3.1	3.1	3.1	3.0	3.5	3.6	3.8	3.9	3.9	3.8
Cambodia	8.2	8.0	-	6.0	6.0	-	6.0	6.1	-	-
Indonesia	6.3	6.4	6	6.4	6.3	6.3	6.4	6.4	6.4	6.5
Lao PDR	8.4	6.3	-	7.4	7.0	6.3	6.6	6.7	-	-
Malaysia	4.7	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.3	5.1
Myanmar	9.6	8.6	-	8.5	8.5	9.5	9.3	9.1	8.9	-
Philippines	4.8	5.8	-	6.0	6.0	-	6.8	6.5	-	-
Singapore	4.3	4.4	4.5	4.5	4.6	4.7	4.8	4.8	5.0	5.0
Thailand	6.2	6.5	6.5	6.5	7.7	-	8.0	7.9	7.0	-
Viet Nam	6.8	6.8	6.9	7.0	7.1	6.9	6.8	6.8	6.8	6.8

Sources:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific 2010-2017
 World Bank - World Development Indicators

Notes:
 1) CBR: number of live births per 1000 mid-year total population, per 1000 residents for Singapore
 2) CDR: number of deaths per 1000 mid-year total population, per 1000 residents for Singapore
 "-." not available at the time of publication

Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2009-2018

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Infant Mortality Rate (IMR)¹⁾										
Brunei Darussalam	7.4	6.1	8.3	9.3	7.8	7.3	8.8	8.1	9.3	9.0
Cambodia	60.0	44.9	36.0	33.0	-	28.0	27.0	26.3	25.0	24.0
Indonesia	-	34.0	34.0	27.9	27.2	26.6	22.2	25.5	21.0	21.0
Lao PDR	59.2	56.6	68.0	51.5	48.9	46.5	57.0	48.9	49.0	38.0
Malaysia	6.9	6.7	6.5	6.2	6.3	6.7	6.9	6.7	6.9	6.2
Myanmar ³⁾	27.2	27.1	38.4	37.3	35.3	45.9	44.8	43.8	42.8	37.0
Philippines	23.9	27.0	20.0	-	-	-	23.0	21.5	21.0	22.0
Singapore	2.2	2.0	2.0	1.8	2.0	1.8	1.7	2.4	2.2	2.1
Thailand	7.1	7.0	6.6	6.8	6.4	6.5	6.2	6.4	5.9	8.0
Viet Nam	16.0	15.8	15.5	15.4	15.3	14.9	14.7	14.5	14.4	14.2
Under-5 mortality rate ²⁾										
Brunei Darussalam	8.2	7.2	10.0	10.3	9.7	8.7	9.9	10.1	11.3	10.8
Cambodia	-	54.0	43.0	40.0	-	-	35.0	30.6	29.0	28.0
Indonesia	-	42.0	32.0	40.0	-	-	26.3	26.4	25.0	25.0
Lao PDR	80.4	76.4	79.0	68.4	64.3	-	86.0	63.9	63.0	47.0
Malaysia	8.6	8.4	8.0	7.6	7.9	8.3	8.4	8.1	8.4	7.7
Myanmar	36.5	34.9	45.2	44.7	43.0	66.5	65.3	64.0	62.6	46.0
Philippines	-	36.0	25.0	-	-	-	31.0	27.1	27.0	28.0
Singapore	2.8	2.9	2.9	2.7	2.6	2.5	2.6	2.7	2.8	2.7
Thailand	9.8	9.8	9.0	9.0	9.0	-	8.6	12.2	10.0	9.0
Viet Nam	24.1	23.8	23.3	23.2	23.1	22.4	22.1	21.8	21.5	21.4

Sources:

ASEAN Secretariat
 World Health Statistics Report 2018
 World Bank - World Development Indicators
 UNDP - Human Development Indices and Indicator - 2018 Statistical Update
 UN UGME Child Mortality Report 2019 for 2018 data except Brunei Darussalam, Malaysia, Singapore, and Viet Nam

Notes:

1) IMR: number of infant deaths per 1000 live births
 2) Under-5 mortality rate: number of under-5 babies death per 1000 live births
 3) Myanmar IMR is for urban area
 "-" not available at the time of publication

Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2008-2017

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Fertility Rate (TFR)¹⁾										
Brunei Darussalam	1.9	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
Cambodia	2.9	2.9	2.6	-	-	2.7	2.6	2.6	2.6	-
Indonesia	2.2	2.1	2.1	-	-	2.5	2.4	2.4	2.4	2.3
Lao PDR	4.0	3.4	2.7	-	3.4	3.2	2.8	2.9	2.7	-
Malaysia	2.3	2.2	2.1	2.2	2.2	2.0	2.1	2.0	1.9	1.9
Myanmar	2.3	2.3	2.4	2.3	2.2	2.2	2.3	2.2	2.2	-
Philippines	3.1	3.0	3.1	-	-	3.0	3.0	2.9	2.9	-
Singapore	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2
Thailand	1.8	1.8	1.6	-	-	1.5	1.5	1.5	1.5	1.5
Viet Nam	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0
Maternal Mortality Ratio (MMR)²⁾										
Brunei Darussalam	0.0	15.1	15.6	0.0	43.4	15.0	14.5	59.7	0.0	62.0
Cambodia	460.8	-	206.0	-	-	170.0	-	161.0	-	-
Indonesia	-	-	169.0	-	-	190.0	-	126.0	-	-
Lao PDR	-	-	280.0	-	-	220.0	-	197.0	-	-
Malaysia	27.0	26.7	26.1	26.2	23.2	21.4	22.3	23.8	29.1	25.0
Myanmar	148.0	141.0	142.0	148.0	146.0	143.0	209.0	236.0	203.0	-
Philippines	-	-	129.0	-	-	120.0	-	114.0	-	-
Singapore	7.5	0.0	2.6	7.6	2.3	2.5	2.4	7.1	4.8	0.0
Thailand	11.3	10.8	10.2	8.9	17.6	22.2	23.3	24.6	26.6	21.8
Viet Nam	76.0	69.0	58.0	-	-	49.0	-	54.0	-	-

Sources:
 ASEAN Secretariat
 ADB Key Indicators 2008-2017
 UNDP - Human Development Indices and Indicator - 2018 Statistical Update
 World Bank - World Development Indicators

Notes:
 1) TFR: average number of children that would be born to a woman over her lifetime
 2) MMR: Maternal death per 100,000 live births
 "-" not available at the time of publication

Table 2.9. Life Expectancy at Birth¹⁾ in ASEAN by Gender, 2009-2018

(in years)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total										
Brunei Darussalam	77.7	77.7	77.1	80.1	78.0	77.2	77.7	77.8	76.6	77.5
Cambodia	63.8	64.5	65.2	65.9	66.6	67.6	68.3	69.1	69.9	70.6
Indonesia	70.7	69.8	70.0	70.2	70.4	70.6	70.8	70.9	71.1	71.2
Lao PDR	-	64.7	65.4	66.1	66.9	68.0	68.0	-	67.0	-
Malaysia	73.9	74.1	74.3	74.4	74.6	74.7	74.8	74.4	74.6	75.0
Myanmar	66.5	66.6	67.3	67.4	67.8	63.9	64.4	65.0	65.5	-
Philippines	68.9	68.9	70.4	-	68.7	70.4	70.4	-	69.2	-
Singapore	81.4	81.7	81.9	82.1	82.4	82.8	82.9	82.9	83.1	83.2
Thailand	-	-	74.1	74.2	74.4	-	74.6	74.3	75.5	-
Viet Nam	72.8	72.9	73.0	73.0	73.1	73.2	73.3	73.4	73.5	73.5
Male										
Brunei Darussalam	77.1	77.5	75.6	78.9	77.7	75.8	77.8	76.9	74.8	76.4
Cambodia	61.4	62.3	63.1	64.0	64.8	65.6	66.4	67.1	67.9	68.6
Indonesia	68.8	67.9	68.1	68.3	68.5	68.9	68.9	69.0	69.2	69.3
Lao PDR	65.4	62.7	66.5	-	-	66.0	65.0	-	65.4	-
Malaysia	71.7	71.9	72.1	72.2	72.3	72.4	72.5	72.1	72.3	72.7
Myanmar	64.5	64.6	64.9	65.1	65.5	59.3	59.7	60.3	60.8	-
Philippines	66.1	66.1	67.6	65.2	65.4	-	73.1	-	65.9	-
Singapore	78.9	79.2	79.5	79.8	80.1	80.5	80.5	80.6	80.7	81.0
Thailand	70.4	70.6	70.8	70.9	71.1	-	71.3	-	71.8	-
Viet Nam	70.2	70.3	70.4	70.4	70.5	70.6	70.7	70.8	70.9	70.9
Female										
Brunei Darussalam	78.3	77.8	78.5	81.2	78.3	78.5	77.5	78.7	78.3	78.5
Cambodia	65.2	66.1	67.0	67.9	68.8	69.6	70.4	71.2	72.0	72.7
Indonesia	72.7	71.8	72.0	72.2	72.4	72.6	72.8	72.9	73.1	73.2
Lao PDR	68.0	66.7	68.9	-	-	70.0	62.0	-	68.6	-
Malaysia	76.3	76.6	76.8	76.9	76.9	77.0	77.1	77.0	77.2	77.6
Myanmar	68.4	68.6	68.7	68.9	69.1	68.7	69.3	69.8	70.3	-
Philippines	71.6	71.6	73.1	-	72.2	-	67.6	-	72.8	-
Singapore	83.7	84.0	84.1	84.3	84.5	84.9	85.1	85.1	85.2	85.4
Thailand	77.3	77.4	77.5	77.6	77.8	-	78.0	-	79.3	-
Viet Nam	75.6	75.7	75.8	75.8	75.9	76.0	76.1	76.1	76.2	76.2

Sources:

ASEAN Secretariat

World Bank - World Development Indicators

UNDP - Human Development Indices and Indicator - 2018 Statistical Update

Notes:

1) Life expectancy at birth: number of years a new born will live if the prevailing patterns of mortality at the time of the child's birth were to stay the same throughout his or her life

"-" not available at the time of publication

Table 2.10. Immunization Against Measles and DPT Among Children of 1 Year Old in ASEAN, 2008-2017

(in percent)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Measles										
Brunei Darussalam	97.0	99.0	94.4	91.0	98.6	96.0	97.0	96.0	98.0	97.0
Cambodia	80.0	81.0	81.9	93.0	93.0	93.0	94.0	81.0	81.0	84.0
Indonesia	75.5	77.2	77.7	76.9	78.0	77.9	78.7	75.0	72.8	70.7
Lao PDR	40.0	59.0	78.0	69.0	72.0	82.0	87.0	88.0	76.0	82.0
Malaysia	94.3	96.9	96.1	95.2	95.5	95.3	94.0	93.1	94.4	93.0
Myanmar	82.0	87.0	88.0	84.9	84.0	86.0	88.0	84.0	91.0	83.0
Philippines	92.0	88.0	88.0	79.0	85.0	90.0	88.0	82.0	80.0	89.0
Singapore ¹⁾	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Thailand	96.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0	99.0	99.0
Viet Nam	95.6	97.0	97.8	96.5	96.4	97.7	86.2	97.0	99.0	92.7
DPT²⁾										
Brunei Darussalam	99.0	99.0	95.4	97.0	95.4	99.6	99.0	99.0	100.0	100.0
Cambodia	82.0	94.0	92.0	94.0	95.0	92.0	97.0	89.0	90.0	93.0
Indonesia	86.1	89.1	89.8	89.1	90.0	90.3	90.7	83.5	84.8	83.8
Lao PDR	50.0	57.0	74.0	78.0	79.0	89.0	94.0	89.0	82.0	85.0
Malaysia	96.0	95.0	94.0	99.0	99.0	97.0	93.0	99.0	98.0	99.0
Myanmar	85.0	90.0	90.0	83.5	85.0	90.0	92.0	89.0	90.0	89.0
Philippines	87.0	87.0	87.0	81.0	86.0	98.0	86.0	60.0	86.0	88.0
Singapore ¹⁾	97.0	97.0	96.0	96.0	97.0	97.0	96.0	96.0	98.0	96.0
Thailand	98.0	99.0	99.0	99.0	99.0	100.0	100.0	99.0	99.0	99.0
Viet Nam	92.0	96.0	93.0	95.0	97.0	83.0	95.0	97.0	96.0	94.4

Sources:
 ASEAN Secretariat
 Statistical Yearbook for Asia and the Pacific 2009-2012 for immunisation against Measles and DPT
 WHO and UNICEF estimates of immunization for 2014, for 2013 and 2014 except Indonesia, Singapore, and Viet Nam on Measles
 World Bank - World Development Indicators for 2017 except Brunei Darussalam, Indonesia, Singapore, Viet Nam

Note:
 1) Immunization coverage for children at 2 years of age
 2) DPT: Diphtheria, pertussis, and tetanus

Table 2.11. Incidence of Malaria and Tuberculosis¹⁾ in ASEAN, 2008-2017

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Malaria										
Brunei Darussalam	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	-	-	20.5	-	-	-	-	13.0	8.9	18.4
Indonesia	2.4	1.8	2.0	1.8	1.7	1.4	1.0	0.9	0.8	5.8
Lao PDR	-	-	17.8	-	-	-	-	20.9	7.8	5.8
Malaysia	20.1	26.7	24.8	23.5	18.6	16.1	13.0	13.0	7.6	0.1
Myanmar	10.8	10.0	11.7	10.9	8.1	6.8	4.1	3.6	2.3	3.7
Philippines	26.2	21.6	13.0	9.8	-	-	-	8.0	0.5	0.3
Singapore ²⁾	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	-	-	-	0.6	1.0	1.2	1.2	0.7	1.4	0.2
Viet Nam	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1
Tuberculosis										
Brunei Darussalam	59.5	56.0	61.3	58.5	60.2	52.6	48.6	51.4	58.0	56.5
Cambodia	465.0	450.0	436.0	423.0	411.0	400.0	390.0	380.0	345.0	326.0
Indonesia	424.0	419.0	415.0	410.0	407.0	403.0	399.0	395.0	391.0	319.0
Lao PDR	240.0	230.0	221.0	213.0	204.0	197.0	189.0	182.0	175.0	168.0
Malaysia	73.0	72.0	76.0	80.0	86.0	91.0	92.0	88.0	92.0	93.0
Myanmar	392.0	388.0	384.0	381.0	376.0	373.0	369.0	365.0	361.0	358.0
Philippines	524.0	528.0	531.0	535.0	539.0	543.0	546.0	550.0	554.0	554.0
Singapore	40.3	39.4	39.9	41.0	41.5	37.6	36.9	36.1	41.2	39.0
Thailand	196.0	188.0	181.0	176.0	170.0	170.0	167.0	163.0	160.0	156.0
Viet Nam	164.0	159.0	155.0	151.0	147.0	144.0	140.0	137.0	133.0	129.0

Sources:

ASEAN Secretariat
 World Health Statistic Report 2019 for Malaria in 2017 except for Brunei Darussalam, Singapore, and Vietnam
 World Bank - World Development Indicators for Tuberculosis in Cambodia(2007-2015), for 2017 (except Brunei Darussalam, Cambodia, Singapore, and Thailand)

Notes:

- 1) per 1000 population for Malaria, per 100,000 population for Tuberculosis
 2) per 100,000 population for Singapore

Table 2.12. HIV Prevalence Rate Among 15-49 Year Old in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Cambodia	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Indonesia	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Lao PDR	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Malaysia	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Myanmar	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Philippines	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Singapore	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Thailand	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
Viet Nam	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3

*Sources:**ASEAN Secretariat**World Bank - World Development Indicators for 2018 except Brunei Darussalam, Cambodia, and Singapore*

Table 2.13. Proportion of Population with Access to Safe Drinking Water and Access to Improved Sanitation in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Access to Safe Drinking Water										
Brunei Darussalam	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Cambodia	48.7	48.2	50.5	50.5	54.2	-	59.2	61.1	64.8	
Indonesia	47.7	44.2	42.8	42.8	41.1	68.1	71.0	71.1	72.0	73.7
Lao PDR	-	82.0	70.0	70.0	-	-	61.4	88.9	77.5	-
Malaysia	93.0	94.2	94.4	94.4	-	-	95.1	95.5	96.5	-
Myanmar	83.0	83.0	-	-	-	-	80.0	-	80.2	-
Philippines	-	82.5	82.7	82.7	-	-	86.0	83.2	92.0	-
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	99.4	99.1	99.5	99.5	97.0	-	97.0	-	97.8	-
Viet Nam	-	89.3	96.0	91.0	-	92.0	93.0	93.4	98.0	-
Access to Improved Sanitation										
Brunei Darussalam	80.0	80.0	80.0	80.0	-	-	86.7	86.7	92.0	-
Cambodia	35.0	40.0	43.6	43.6	51.7	-	61.8	72.9	76.0	-
Indonesia	51.2	51.0	55.6	55.6	57.9	61.1	62.1	67.8	67.9	69.3
Lao PDR	-	49.0	57.0	62.0	-	-	73.2	73.8	75.3	-
Malaysia	98.0	98.4	98.0	99.3	-	-	99.5	99.7	96.0	-
Myanmar	83.0	84.0	80.8	80.8	80.0	-	80.0	-	80.7	-
Philippines	-	91.9	91.6	91.6	-	-	94.0	91.9	74.4	-
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	99.2	99.3	99.6	99.6	97.2	-	100.0	-	93.0	-
Viet Nam	-	75.7	75.0	77.4	-	79.2	83.6	83.8	82.1	-

Sources:
 ASEAN Secretariat
 ADB - Basic Statistics 2018 for 2017 data in Myanmar

Note:
 "-" not available at the time of publication



CHAPTER 3

Employment

Table 3.1. Unemployment Rate of 15 Years Old and Over in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	8.8	9.1	9.3	9.6	-	6.9	-	-	9.3	8.7
Cambodia	0.1	0.3	0.2	0.2	0.3	0.2	1.0	0.2	0.1	1.1
Indonesia	7.9	7.1	6.6	6.1	6.3	5.9	6.2	5.6	5.3	5.3
Lao PDR	-	1.9	-	-	-	-	-	-	-	-
Malaysia	3.7	3.3	3.1	3.0	3.1	2.9	2.9	3.1	3.4	3.3
Myanmar ¹⁾	4.0	4.0	4.0	4.0	4.0	4.0	0.8	0.0	2.1	1.0
Philippines	7.5	7.4	7.0	7.0	7.1	6.6	6.3	5.4	5.7	5.4
Singapore ²⁾	4.3	3.1	2.9	2.8	2.8	2.7	2.8	3.0	3.1	2.9
Thailand ³⁾	1.5	1.0	0.7	0.7	0.7	0.8	0.9	1.0	1.2	1.1
Viet Nam ⁴⁾	2.6	2.6	2.0	1.8	2.0	1.9	2.1	2.1	2.0	2.2

 Source:
 ASEAN Secretariat

Notes:

- 1) Myanmar unemployment rate is 10 years and over
 - 2) Singapore's resident unemployment (annual average)
 - 3) Thailand unemployment rate using average period.
 - 4) Unemployment rate at urban area of Viet Nam
- .. " not available at the time of publication

Table 3.2. Number of Unemployment in ASEAN, 2009-2018

(in thousand)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	16.9	17.9	18.8	19.8	-	14.1	-	-	19.2	19.2
Cambodia	11.0	27.5	16.0	12.0	8.0	15.0	8.0	16.0	12.9	-
Indonesia	8,962.6	8,319.8	7,700.1	7,245.0	7,388.7	7,244.9	7,560.8	7,031.8	7,040.3	7,000.7
Lao PDR	-	-	-	3,886.6	-	-	-	-	-	-
Malaysia	418.0	404.4	389.2	401.2	435.1	411.1	450.3	504.1	503.3	504.3
Myanmar	-	1,240.0	1,260.0	1,280.0	1,290.0	954.0	168.0	-	350.0	230.0
Philippines	2,831.0	2,858.0	2,814.0	2,826.0	2,904.0	2,728.0	2,602.0	2,363.0	2,441.0	2,324.0
Singapore ¹⁾	86.9	64.8	60.6	60.0	59.8	61.2	62.5	67.4	70.9	66.9
Thailand ²⁾	572.3	402.2	264.3	259.1	283.5	322.7	340.6	377.5	450.7	404.3
Viet Nam	1,287.0	1,344.0	1,045.0	926.0	1,037.8	1,003.5	1,144.0	1,143.0	1,120.4	1,104.8

 Source:
 ASEAN Secretariat

Notes:

- 1) Singapore's residents only
 - 2) Thailand unemployment rate using average period.
- .. " not available at the time of publication

Table 3.3. Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Male										
Brunei Darussalam	7.5	7.6	7.5	7.6	-	6.2	-	-	8.8	7.7
Cambodia	0.2	0.4	0.3	0.1	0.3	1.0	1.0	0.2	0.1	-
Indonesia	7.5	6.2	5.9	5.8	6.0	5.8	6.1	5.7	5.5	5.4
Lao PDR	-	1.8	-	-	-	-	-	-	-	-
Malaysia	3.6	3.1	2.9	3.0	2.9	2.7	2.9	3.1	3.3	3.1
Myanmar	3.7	3.7	3.7	3.7	3.7	3.9	0.7	-	1.2	0.9
Philippines	7.4	7.4	6.7	7.0	6.7	-	6.6	5.6	6.0	5.4
Singapore	4.1	3.0	2.6	2.7	2.7	2.7	2.7	3.0	3.1	2.9
Thailand	1.5	1.1	0.7	0.7	0.8	0.9	0.9	1.0	1.2	1.1
Viet Nam	2.5	2.3	1.7	1.6	2.0	1.9	2.3	2.2	2.2	2.0
Female										
Brunei Darussalam	10.7	11.3	11.7	12.4	-	7.8	-	-	10.0	10.1
Cambodia	0.1	0.3	0.1	0.2	0.3	1.0	-	0.1	0.1	-
Indonesia	8.5	8.7	7.6	6.7	6.4	6.3	6.4	5.4	5.4	5.3
Lao PDR	-	2.0	-	-	-	-	-	-	-	-
Malaysia	3.8	3.6	3.3	3.2	3.4	3.2	3.4	3.9	3.5	3.6
Myanmar	4.6	4.6	4.6	4.6	4.6	4.1	0.9	-	2.0	1.2
Philippines	6.7	6.7	6.1	6.7	5.9	-	5.8	5.2	5.2	5.5
Singapore	4.7	3.4	3.2	3.1	2.9	2.9	2.9	3.0	3.1	3.0
Thailand	1.4	1.0	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.0
Viet Nam	2.7	3.1	2.4	2.0	1.9	1.8	2.0	1.9	1.9	2.5

Source:
ASEAN Secretariat

Note:
“-” - not available at the time of publication

Chart 3.1. Unemployment Rate of Males 15 Years Old and Over in ASEAN, 2009-2018

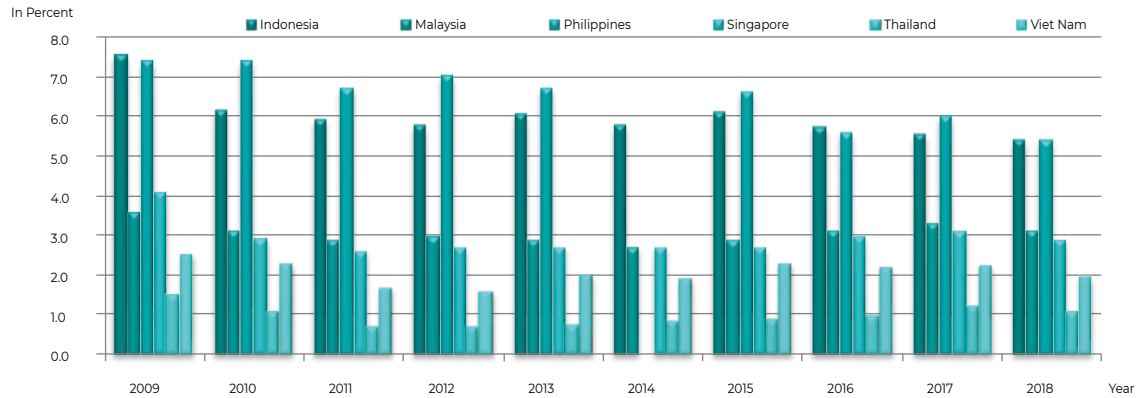


Chart 3.2. Unemployment Rate of Females 15 Years Old and Over in ASEAN, 2009-2018

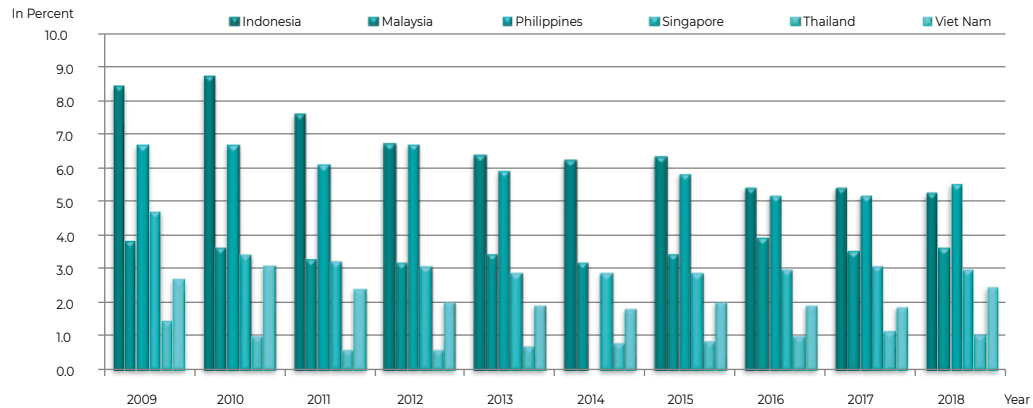


Table 3.4. Unemployment Rate of 15-24 Years Old in ASEAN by Gender, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Male										
Brunei Darussalam	-	-	-	-	-	23.5	-	-	28.4	28.2
Cambodia	0.2	0.7	0.4	0.3	0.2	0.2	0.1	-	-	-
Indonesia	21.6	21.1	22.2	19.5	21.2	21.7	22.3	19.8	20.1	19.4
Lao PDR	-	3.4	-	-	-	-	-	-	-	-
Malaysia	11.5	9.6	9.1	9.5	8.7	8.6	9.9	9.8	10.4	9.9
Myanmar	-	-	-	-	-	9.1	1.4	-	3.3	1.7
Philippines ¹⁾	15.3	15.5	12.9	14.2	13.6	12.9	12.4	12.7	13.7	-
Singapore	6.6	5.5	4.8	5.3	5.2	4.9	5.6	4.6	5.2	5.0
Thailand	5.1	3.7	2.5	2.5	2.9	3.8	3.6	4.3	5.3	4.8
Viet Nam	6.3	5.9	4.3	4.6	5.4	5.5	6.8	7.4	7.5	6.0
Female										
Brunei Darussalam	-	-	-	-	-	27.8	-	-	29.5	32.5
Cambodia	0.2	0.4	0.3	0.2	0.1	0.1	0.1	-	-	-
Indonesia	23.0	22.0	23.8	19.8	22.1	22.9	23.1	19.0	20.9	20.1
Lao PDR	-	3.6	-	-	-	-	-	-	-	-
Malaysia	12.5	11.1	10.7	10.7	11.5	10.9	11.8	11.4	11.4	12.5
Myanmar	-	-	-	-	-	9.5	1.8	-	4.8	2.1
Philippines ¹⁾	18.7	18.6	15.7	17.4	15.7	15.1	14.3	14.9	15.6	-
Singapore	11.5	9.6	9.0	8.2	8.6	8.1	8.1	8.8	9.1	8.6
Thailand	6.3	4.2	3.0	3.1	4.0	5.0	4.9	5.8	6.8	6.1
Viet Nam	6.1	8.3	6.2	6.6	7.1	7.2	7.3	7.5	7.5	7.9

Source:
ASEAN Secretariat

Note:
1) Philippines data for 2017 both male and female are preliminary
“-” not available at the time of publication

Chart 3.3. Unemployment Rate of Males 15-24 Years Old in ASEAN, 2009-2018

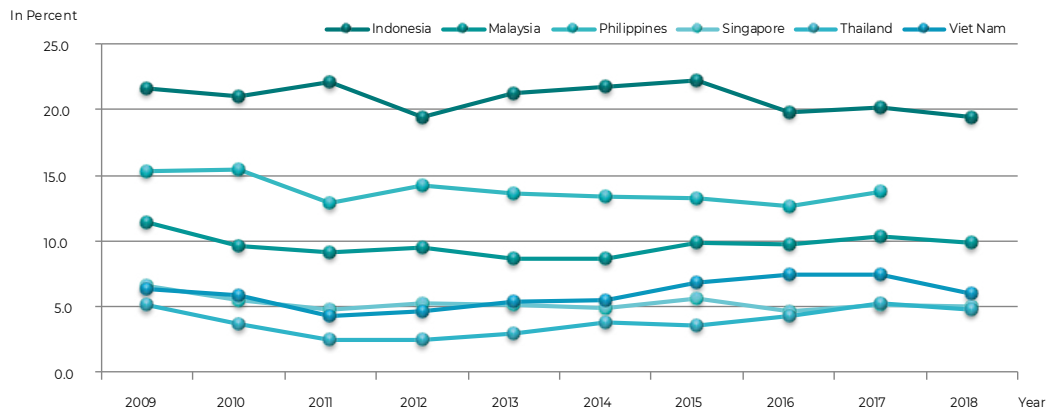


Chart 3.4. Unemployment Rate of Females 15-24 Years Old in ASEAN, 2009-2018

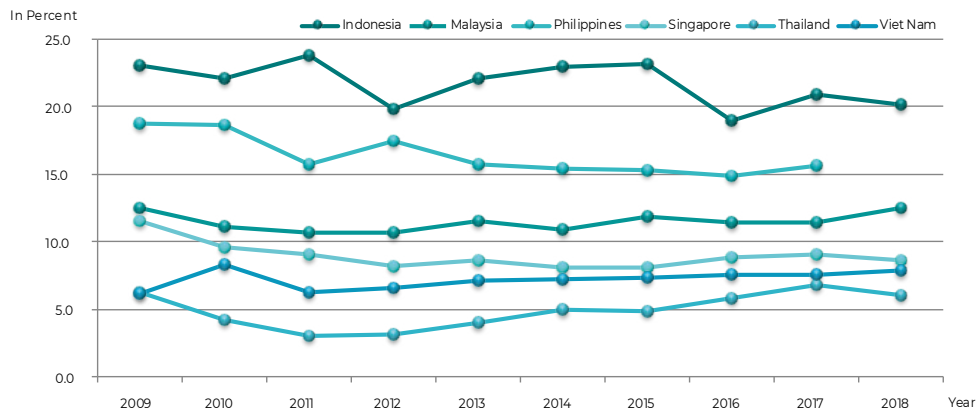


Table 3.5. Labour Force Participation Rate in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	70.8	71.4	68.9	72.2	-	65.6	-	-	62.7	65.4
Cambodia	81.7	84.4	85.1	84.2	83.0	82.6	82.7	82.5	84.3	-
Indonesia	67.2	67.7	68.3	67.9	66.9	66.6	65.8	66.3	69.0	69.2
Lao PDR	-	77.7	-	-	-	-	68.0	-	-	-
Malaysia	62.9	63.7	64.5	65.6	67.3	67.6	67.9	67.7	68.0	68.5
Myanmar	66.6	66.1	66.0	66.3	66.9	57.0	64.7	-	61.2	62.0
Philippines	64.0	64.2	66.3	63.9	63.9	64.6	63.7	63.5	61.2	60.1
Singapore	65.4	66.2	66.1	66.6	66.7	67.0	68.3	68.0	67.7	67.7
Thailand	73.5	73.0	73.3	73.0	71.6	70.3	69.8	68.8	68.1	68.3
Viet Nam	76.5	77.4	77.0	76.8	77.5	77.7	77.8	77.3	76.3	76.8

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 3.6. Number of Labour Force in ASEAN, 2009-2018

(in thousand)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	191.6	196.5	202.5	206.0	-	203.7	-	-	206.1	221.0
Cambodia	7,480.0	7,702.0	7,907.0	7,718.0	7,974.0	8,259.0	8,359.0	8,624.0	8,779.3	-
Indonesia	115,825.0	117,844.1	116,825.5	120,317.7	120,172.0	121,872.9	122,380.0	125,443.7	128,062.7	131,005.6
Lao PDR	-	-	-	-	-	-	3,489.1	-	-	-
Malaysia	11,315.3	12,303.9	12,740.7	13,221.7	13,980.5	14,263.6	14,518.0	14,667.8	14,980.0	15,280.3
Myanmar	30,490.0	30,960.0	31,390.0	31,820.0	32,140.0	22,110.0	21,960.0	-	22,280.0	22,680.0
Philippines	37,892.0	38,893.0	40,006.0	40,426.0	41,022.0	41,379.0	41,343.0	43,361.0	42,774.0	42,982.0
Singapore ¹⁾	1,985.7	2,047.3	2,080.1	2,119.6	2,138.8	2,185.2	2,232.3	2,257.6	2,269.7	2,292.7
Thailand	38,426.8	38,643.5	38,921.5	39,407.8	38,661.1	38,576.2	38,548.2	38,266.6	38,099.8	38,433.6
Viet Nam	49,322.0	50,393.0	51,398.0	52,348.0	53,246.0	53,748.0	53,984.0	54,445.3	54,823.8	55,354.2

Source:
ASEAN Secretariat

Notes:
1) Singapore's residents only
“-” not available at the time of publication

Table 3.7. Labour Force Participation Rate in ASEAN by Gender, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Male										
Brunei Darussalam	79.5	80.1	77.3	80.5	-	72.4	-	-	68.9	72.7
Cambodia	86.8	88.3	89.0	89.1	88.7	87.9	88.5	89.4	88.8	-
Indonesia	83.6	83.8	83.9	84.2	83.4	83.1	82.7	82.0	83.0	83.0
Lao PDR	-	79.3	-	-	-	-	62.0	-	-	-
Malaysia	78.9	79.3	79.7	80.5	81.0	80.6	80.6	80.2	80.1	80.4
Myanmar	83.0	82.4	82.4	82.7	83.5	85.2	80.2	-	77.3	76.8
Philippines	78.7	78.5	79.0	78.5	78.1	78.6	77.3	77.6	76.2	73.9
Singapore	76.3	76.5	75.6	76.0	75.8	75.9	76.7	76.2	76.0	75.6
Thailand	81.3	80.7	80.3	80.7	80.4	79.3	78.6	77.6	76.9	77.1
Viet Nam	81.0	82.0	81.7	81.2	82.1	82.5	83.0	82.4	81.2	82.3
Female										
Brunei Darussalam	61.5	62.0	59.9	63.2	-	58.3	-	-	56.5	57.3
Cambodia	77.0	80.8	81.6	79.7	77.8	77.5	72.2	78.9	80.1	-
Indonesia	51.0	51.8	49.8	51.4	50.3	50.2	48.9	50.8	55.0	55.4
Lao PDR	-	76.2	-	-	-	-	69.0	-	-	-
Malaysia	46.4	46.8	48.0	49.5	52.6	53.7	54.1	54.3	54.7	55.2
Myanmar	50.4	50.0	50.0	5.2	50.7	50.5	51.6	-	47.7	49.6
Philippines	49.4	49.7	50.4	50.0	49.9	50.7	50.1	49.3	46.2	46.2
Singapore	55.2	56.5	57.0	57.7	58.1	58.6	60.4	60.4	59.8	60.2
Thailand	64.7	64.3	64.3	64.3	63.2	62.0	61.6	60.6	59.8	60.1
Viet Nam	72.3	73.0	72.6	72.5	73.2	73.3	72.9	72.5	71.6	71.6

 Source:
 ASEAN Secretariat

 Note:
 "-." not available at the time of publication

Table 3.8. Number of Employment in ASEAN by Major Industry Group

(in thousand)

Country	Year	Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	Total
Brunei Darussalam	2014	1.0	7.0	14.0	33.0	10.0	17.0	83.0	25.0	190.0
	2017	2.5	7.2	10.4	39.7	9.9	20.2	73.6	23.3	186.9
	2018	2.1	8.1	20.6	42.4	10.0	17.5	77.5	23.4	201.7
Cambodia	2010	4,716.4	624.8	202.4	964.9	219.0	22.5	215.2	-	6,965.0
	2011	4,796.3	757.2	217.5	930.6	237.8	30.4	213.1	-	7,183.0
	2012	3,929.5	940.6	356.1	1,219.0	321.2	29.1	232.9	-	7,028.4
Indonesia	2016	37,770.2	15,540.2	7,978.6	26,689.6	5,608.7	3,531.5	19,459.4	1,833.7	118,412.0
	2017	35,923.9	17,008.9	8,136.6	28,173.6	5,759.7	3,752.3	20,482.0	1,785.6	121,022.4
	2018	35,701.0	18,253.5	8,295.9	30,740.8	6,287.1	3,856.6	12,598.9	8,271.1	124,005.0
Lao PDR	2010	2,155.1	153.0	71.1	267.4	32.0	7.2	132.7	202.7	3,021.2
	2015	2,500.8	123.1	103.1	183.5	28.3	12.0	220.5	317.9	3,489.1
Malaysia	2016	1,609.9	2,390.6	1,251.7	3,689.2	839.1	1,448.1	2,328.1	606.1	14,162.8
	2017	1,635.0	2,513.3	1,258.9	3,808.6	878.5	1,478.8	2,294.8	607.4	14,475.3
	2018	1,570.3	2,499.9	1,257.8	4,018.0	914.3	1,551.1	2,345.7	616.9	14,774.0
Myanmar	2015	11,265.9	2,375.2	1,024.2	3,116.1	958.8	0.0	501.2	2,549.5	21,791.0
	2017	11,105.8	2,296.5	931.1	3,437.7	1,016.8	93.4	1,021.5	-	19,902.8
	2018	10,686.2	2,379.7	1,369.5	3,659.4	1,122.5	67.4	1,414.4	-	20,698.9
Philippines	2016	11,064.0	3,404.0	3,378.0	8,039.0	3,404.0	707.0	-	219.0	30,215.0
	2017	10,261.0	3,481.0	3,537.0	7,900.0	3,524.0	692.0	-	203.0	29,598.0
	2018	9,392.0	3,639.0	3,894.0	7,803.0	3,639.0	800.0	-	205.0	29,372.0
Singapore ¹⁾	2016	-	227.5	100.9	502.3	273.0	525.4	516.1	20.2	2,165.4
	2017	-	223.6	100.6	490.6	284.6	535.2	519.1	21.7	2,175.4
	2018	-	228.2	104.0	486.8	291.2	544.3	527.6	21.6	2,203.7
Thailand	2016	11,746.6	6,288.5	2,352.1	9,060.9	1,429.8	1,086.3	579.4	6,347.5	38,891.2
	2017	11,783.3	6,107.5	2,160.2	9,099.1	1,451.9	1,092.4	586.8	1,255.6	33,536.8
	2018	12,168.3	6,258.6	2,112.4	9,104.4	1,458.9	1,071.6	560.0	1,282.6	34,016.8
Viet Nam	2016	22,315.2	8,866.6	3,800.1	9,218.1	1,957.0	1,091.8	5,325.1	728.9	53,302.8
	2017	21,564.8	9,316.0	4,027.7	9,393.9	2,090.4	1,171.8	4,580.9	1,557.9	53,703.4
	2018	20,465.1	9,717.4	4,273.3	10,076.1	2,095.3	1,320.6	4,676.5	1,625.1	54,249.4

Sources:
 ASEAN Member States (AMSs) data submission
 Official website of National Statistical Offices

Notes:

1) Employment as of June in respected year; covering Singapore residents only
 ** not available at the time of publication

Table 3.9. Percentage of Employment in ASEAN by Major Industry Group

(in percent)

Country	Year	Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	Total
Brunei Darussalam	2014	0.5	3.7	7.4	17.4	5.3	8.9	43.7	13.2	100.0
	2017	1.4	3.8	5.5	21.3	5.3	10.8	39.4	12.5	100.0
	2018	1.1	4.0	10.2	21.0	5.0	8.7	38.4	11.6	100.0
Cambodia	2010	67.7	9.0	2.9	13.9	3.1	0.3	3.1	-	100.0
	2011	66.8	10.5	3.0	13.0	3.3	0.4	3.0	-	100.0
	2012	55.9	13.4	5.1	17.3	4.6	0.4	3.3	-	100.0
Indonesia	2016	31.9	13.1	6.7	22.5	4.7	3.0	16.4	1.5	100.0
	2017	29.7	14.1	6.7	23.3	4.8	3.1	16.9	1.5	100.0
	2018	28.8	14.7	6.7	24.8	5.1	3.1	-	-	100.0
Lao PDR	2010	71.3	5.1	2.4	8.9	1.1	0.2	4.4	6.7	100.0
	2015	71.7	3.5	3.0	5.3	0.8	0.3	6.3	9.1	100.0
Malaysia	2016	11.4	16.9	8.8	26.0	5.9	10.2	16.4	4.3	100.0
	2017	11.3	17.4	8.7	26.3	6.1	10.2	15.9	4.2	100.0
	2018	10.6	16.9	8.5	27.2	6.2	10.5	15.9	4.2	100.0
Myanmar	2015	51.7	10.9	4.7	14.3	4.4	0.0	2.3	11.7	100.0
	2017	55.8	11.5	4.7	17.3	5.1	0.5	5.1	-	100.0
	2018	51.6	11.5	6.6	17.7	5.4	0.3	6.8	-	100.0
Philippines	2016	36.6	11.3	11.2	26.6	11.3	2.3	-	0.7	100.0
	2017	34.7	11.8	12.0	26.7	11.9	2.3	-	0.7	100.0
	2018	32.0	12.4	13.3	26.6	12.4	2.7	-	0.7	100.0
Singapore ¹⁾	2016	-	10.5	4.7	23.2	12.6	24.3	23.8	0.9	100.0
	2017	-	10.3	4.6	22.6	13.1	24.6	23.9	1.0	100.0
	2018	-	10.4	4.7	22.1	13.2	24.7	23.9	1.0	100.0
Thailand	2016	30.2	16.2	6.0	23.3	3.7	2.8	1.5	16.3	100.0
	2017	35.1	18.2	6.4	27.1	4.3	3.3	1.7	3.7	100.0
	2018	35.8	18.4	6.2	26.8	4.3	3.2	1.6	3.8	100.0
Viet Nam	2016	41.9	16.6	7.1	17.3	3.7	2.0	10.0	1.4	100.0
	2017	40.2	17.3	7.5	17.5	3.9	2.2	8.5	2.9	100.0
	2018	41.9	16.6	7.1	17.3	3.7	2.0	10.0	1.4	100.0

Sources:
 ASEAN Member States (AMSS) data submission
 Official website of National Statistical Offices

Notes:
 1) Employment as of June in respected year; covering Singapore residents only
 "-" not available at the time of publication

Table 3.10. Number of Employment in ASEAN by Occupation

(in thousand)

Occupation	Brunei Darussalam (2018)	Cambodia (2016)	Indonesia (2018)	Malaysia (2018)	Myanmar (2015)	Philippines (2018) ²⁾	Singapore (2018) ¹⁾	Thailand (2018)	Viet Nam (2018)
1. Professionals, technical and related workers	60.7	377.0	8,886.7	3,361.0	1,046.0	4,030.0	931.2	2,104.8	5,700.2
2. Administrative, executive and managerial workers	10.8	73.0	1,564.0	660.5	152.5	6,429.0	322.8	1,393.8	624.1
3. Clerical and related workers	21.6	401.0	7,416.5	1,247.7	326.9	2,332.0	237.7	1,595.9	1,078.9
4. Sales workers and services workers	48.2	1,616.0	31,200.4	3,422.8	3,486.6	6,115.0	266.1	7,656.2	9,605.4
5. Agricultural, animal husbandry and forestry workers; fishermen and hunters	1.8	4,639.0	34,796.6	921.9	9,304.8	4,818.0	-	11,088.7	5,151.9
6. Production and related workers, transport equipment operators and labourers	25.0	1,427.0	37,946.1	3,333.4	3,573.7	5,986.0	219.7	7,952.9	12,673.1
7. Others	33.6	74.0	2,194.6	1,828.7	3,900.6	10,883.0	226.2	6,072.2	19,415.8
Total	201.7	8,607.0	124,005.0	14,776.0	21,791.0	40,593.0	2,203.7	37,864.5	54,249.4

Source:
ASEAN Secretariat

Notes:
1) Employed Resident of Singapore
2) Preliminary data
*- not available at the time of publication

Table 3.11. Percentage of Employment in ASEAN by Occupation

(in percent)

Occupation	Brunei Darussalam (2017)	Cambodia (2016)	Indonesia (2018)	Malaysia (2018)	Myanmar (2015)	Philippines (2018) ²⁾	Singapore (2018) ¹⁾	Thailand (2018)	Viet Nam (2018)
1. Professionals, technical and related workers	30.1	4.4	7.2	22.7	4.8	9.9	42.3	5.6	10.5
2. Administrative, executive and managerial workers	5.4	0.8	1.3	4.5	0.7	15.8	14.6	3.7	1.2
3. Clerical and related workers	10.7	4.7	6.0	8.4	1.5	5.7	10.8	4.2	2.0
4. Sales workers and services workers	23.9	18.8	25.2	23.2	16.0	15.1	12.1	20.2	17.7
5. Agricultural, animal husbandry and forestry workers; fishermen and hunters	0.9	53.9	28.1	6.2	42.7	11.9	-	29.3	9.5
6. Production and related workers, transport equipment operators and labourers	12.4	16.6	30.6	22.6	16.4	14.7	10.0	21.0	23.4
7. Others	16.7	0.9	1.8	12.4	17.9	26.8	10.3	16.0	35.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source:
ASEAN Secretariat

Notes:
1) Employed Resident of Singapore
2) Preliminary data
*- not available at the time of publication

CHAPTER 4

Macroeconomic



Table 4.1. GDP at Current Prices in National Currency in ASEAN, 2009-2018

(in Billions)

Country										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	15.6	18.7	23.3	23.8	22.6	21.7	17.8	15.8	16.7	18.3
Cambodia	43,057.0	47,048.0	52,068.7	56,616.8	62,219.5	67,740.4	73,422.7	81,241.9	88,982.6	99,544.3
Indonesia	5,606,203.4	6,446,851.9	7,419,187.1	8,230,925.9	9,546,134.0	10,569,705.3	11,526,332.8	12,401,728.5	13,587,212.6	14,837,357.5
Lao PDR	47,562.3	55,694.0	64,727.1	81,610.0	93,868.0	106,797.0	117,252.0	129,279.0	140,697.7	152,414.2
Malaysia	712.9	821.4	911.7	971.3	1,018.6	1,106.4	1,176.9	1,249.7	1,371.6	1,446.9
Myanmar	29,233.3	39,776.8	46,307.9	51,259.3	58,011.6	65,261.9	72,714.0	79,760.1	90,450.9	105,482.3
Philippines	8,026.1	9,003.5	9,708.3	10,561.1	11,538.4	12,634.2	13,322.0	14,480.3	15,807.6	17,426.2
Singapore	279.9	327.0	351.4	368.8	384.9	398.9	423.4	439.4	467.3	491.2
Thailand	9,658.7	10,808.1	11,306.9	12,357.3	12,915.2	13,230.3	13,743.5	14,554.6	15,452.0	16,318.0
Viet Nam	1,809,148.9	2,157,828.5	2,779,880.2	3,245,419.2	3,584,261.6	3,937,856.1	4,192,862.3	4,502,733.0	5,005,975.5	5,542,331.9

Source:
ASEAN Secretariat

Table 4.2. GDP at Constant Prices in National Currency in ASEAN, 2009-2018

(in Billions)

Country										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	11.5	18.7	19.4	19.6	19.2	18.7	18.6	18.1	18.4	18.4
Cambodia	28,692.0	30,403.3	32,552.7	34,916.5	37,528.2	40,182.0	43,009.3	45,969.4	49,262.5	52,956.2
Indonesia	2,178,850.4	2,314,458.8	2,464,566.1	2,618,932.0	2,815,497.8	3,056,866.6	3,318,517.1	3,594,613.4	3,912,703.6	4,245,316.3
Lao PDR	29,132.2	31,500.9	34,033.7	41,610.0	48,160.0	54,871.0	61,768.0	69,915.0	78,376.8	87,695.6
Malaysia	629.9	821.4	864.9	912.3	955.1	1,012.4	1,176.9	1,229.3	1,299.9	1,361.5
Myanmar	18,964.9	39,776.8	42,000.9	45,080.7	48,879.2	52,785.2	56,476.2	59,787.1	63,827.9	68,168.2
Philippines	5,297.2	5,701.5	5,910.2	6,305.2	6,750.6	7,165.5	7,600.2	8,123.4	8,665.8	9,206.9
Singapore	279.7	322.4	342.4	355.7	373.5	386.8	423.3	435.9	452.1	466.3
Thailand	7,657.1	8,254.5	8,330.8	8,954.3	9,215.8	9,321.6	9,663.1	10,010.1	10,426.8	10,874.8
Viet Nam	2,027,590.9	2,157,828.5	2,292,483.4	2,412,778.4	2,543,596.2	2,695,795.7	2,875,856.2	3,054,470.2	3,262,547.6	3,493,998.9

Source:
ASEAN Secretariat

Table 4.3. Rate of Economic Growth¹⁾ in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010-2018
Brunei Darussalam	-1.8	2.6	3.7	0.9	-2.1	-2.5	-0.4	-2.5	1.3	0.1	-0.2
Cambodia	0.1	6.0	7.1	7.3	7.5	7.1	7.0	6.9	7.2	7.5	7.2
Indonesia	4.6	6.2	6.5	6.3	5.6	5.0	4.9	5.0	5.1	5.2	5.4
Lao PDR	7.5	8.1	8.0	7.9	8.0	7.6	7.3	7.0	6.9	6.3	7.4
Malaysia	-1.5	7.4	5.3	5.5	4.7	6.0	5.0	4.4	5.7	4.7	6.5
Myanmar	10.5	9.6	5.6	7.3	8.4	8.0	7.0	5.9	6.8	6.8	7.0
Philippines	1.1	7.6	3.7	6.7	7.1	6.1	6.1	6.9	6.7	6.2	6.2
Singapore	-0.6	15.2	6.4	4.1	5.1	3.9	2.2	3.0	3.7	3.2	4.7
Thailand	-0.7	7.8	0.9	7.5	2.9	1.1	3.7	3.6	4.2	4.3	3.5
Viet Nam	5.4	6.4	6.2	5.2	5.4	6.0	6.7	6.2	6.8	7.1	6.2
ASEAN²⁾	2.5	7.6	5.1	6.2	5.2	4.7	4.9	4.9	5.3	5.2	5.4

Source:
ASEAN Secretariat

Notes:

- 1) Computed based on Table 4.2 (GDP Constant Price)
- 2) ASEAN GDP growth is calculated as a weighted average using PPP-GDP share as used in the IMF-WEO Database of October 2019

Table 4.4. GDP at Current Prices in USD¹⁾ in ASEAN, 2009-2018

(in US\$ Million)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	14,450.6	10,815.4	13,741.1	18,534.2	19,049.6	18,100.5	17,102.6	12,943.2	11,447.6	12,136.0	13,567.6
Cambodia	11,073.4	10,353.7	11,229.3	12,803.9	14,010.9	15,442.9	16,763.6	18,091.1	19,426.6	22,041.8	24,608.7
Indonesia	512,753.0	545,854.5	710,068.3	846,522.6	874,638.9	904,691.9	889,384.6	855,020.1	930,836.5	1,013,808.3	1,039,864.4
Lao PDR	5,290.9	5,594.9	6,752.0	8,060.6	10,192.5	11,955.3	13,274.1	14,420.1	15,893.3	16,952.8	18,095.7
Malaysia	231,382.0	202,627.4	250,772.9	298,141.8	314,895.1	322,159.3	337,455.7	299,483.8	298,681.1	321,538.9	358,411.7
Myanmar ²⁾	24,408.5	26,961.5	41,003.6	56,502.0	60,281.7	61,862.6	66,331.1	59,795.3	64,632.3	66,671.0	77,263.6
Philippines	173,427.3	168,643.9	199,975.9	224,155.5	250,457.9	268,800.1	284,913.5	292,508.1	304,619.7	313,898.0	329,061.8
Singapore	192,239.5	192,408.4	239,809.4	279,328.6	295,083.8	307,578.0	314,849.5	308,001.9	318,070.3	338,455.5	364,075.7
Thailand	291,802.7	282,052.2	341,518.9	370,932.8	397,764.0	420,616.2	407,303.5	401,658.3	412,373.7	455,777.6	505,107.1
Viet Nam	99,125.8	106,018.3	116,299.9	135,541.1	155,820.0	171,219.3	186,223.6	193,628.4	205,438.9	223,837.1	241,038.8
ASEAN³⁾	1,555,953.5	1,551,330.0	1,931,171.4	2,250,523.1	2,392,194.3	2,502,425.9	2,533,602.0	2,455,550.2	2,581,420.0	2,785,116.9	2,971,095.2

 Source:
 ASEAN Secretariat

Notes:

- 1) Computed based on Table 4.1, using period average exchange rate
- 2) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of October 2019
- 3) As a proxy, the combined GDP of ASEAN is computed as the sum of GDP at current price of ASEAN Member Countries

Table 4.5. GDP per Capita at Current Prices in USD¹⁾ in ASEAN, 2009-2018

(in US\$)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	38,534.8	28,454.0	35,525.2	47,116.2	47,647.8	44,560.5	41,521.3	31,385.0	27,435.5	28,256.0	30,668.3
Cambodia	802.7	735.1	785.1	881.7	950.4	1,052.2	1,122.6	1,190.9	1,257.1	1,402.4	1,539.8
Indonesia	2,243.8	2,359.2	3,032.1	3,498.2	3,563.8	3,636.0	3,527.0	3,347.0	3,598.1	3,871.1	3,923.8
Lao PDR	881.8	913.0	1,079.3	1,262.4	1,564.6	1,799.4	1,949.5	2,221.2	2,400.4	2,510.5	2,627.5
Malaysia	8,393.3	7,215.7	8,771.8	10,258.8	10,670.8	10,662.7	10,989.0	9,603.1	9,441.9	10,041.0	11,067.2
Myanmar ²⁾	491.0	538.0	811.4	1,126.7	1,189.8	1,208.6	1,275.8	1,140.0	1,221.4	1,248.8	1,440.8
Philippines	1,917.2	1,828.6	2,147.2	2,363.9	2,595.1	2,737.4	2,852.5	2,880.1	2,950.5	2,991.7	3,086.9
Singapore	39,723.8	38,577.3	47,237.3	53,886.0	55,546.2	56,967.3	57,562.5	55,646.2	56,724.3	60,306.0	64,567.3
Thailand	4,389.2	4,215.8	5,180.7	5,602.0	5,982.2	6,300.9	6,078.9	5,973.9	6,113.3	6,737.0	7,446.5
Viet Nam	1,164.6	1,232.4	1,337.6	1,542.7	1,754.5	1,907.5	2,052.5	2,111.3	2,216.3	2,389.6	2,546.2
ASEAN³⁾	2,716.1	2,673.3	3,299.3	3,772.4	3,958.1	4,088.6	4,085.8	3,914.9	4,066.8	4,337.8	4,577.5

 Source:
 ASEAN Secretariat

Notes:

- 1) Computed based on Table 4.1, using period average exchange rate
- 2) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of October 2019
- 3) As a proxy, the combined GDP per capita as GDP at current price divided by number of population

Chart 4.1. ASEAN GDP (US\$ trillion) and GDP per capita (US\$), 2009-2018

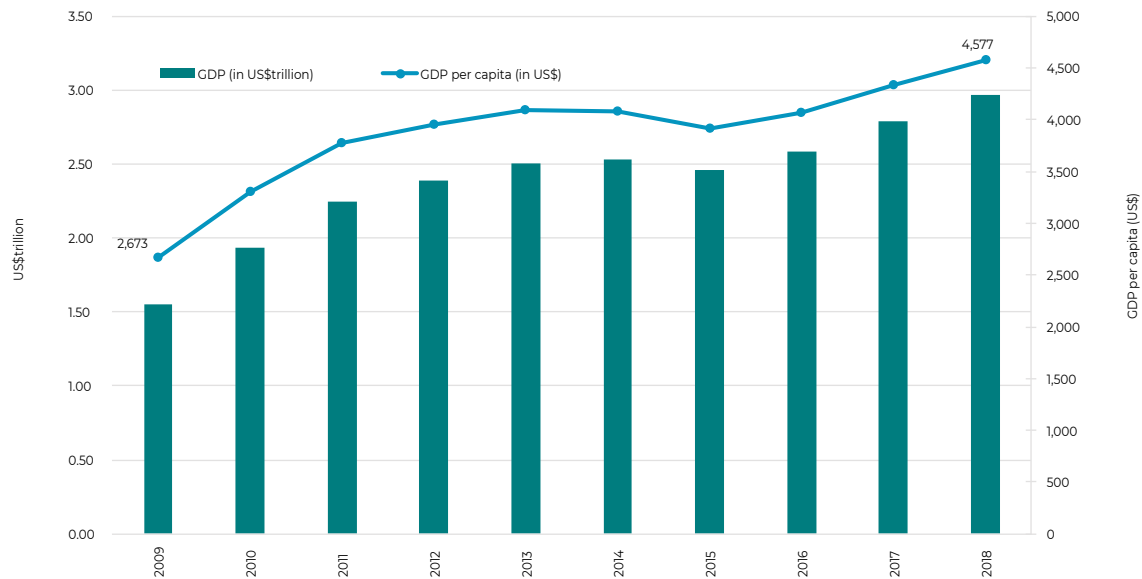


Chart 4.2. Total GDP (US\$ billion) by ASEAN Member States, 2009-2018

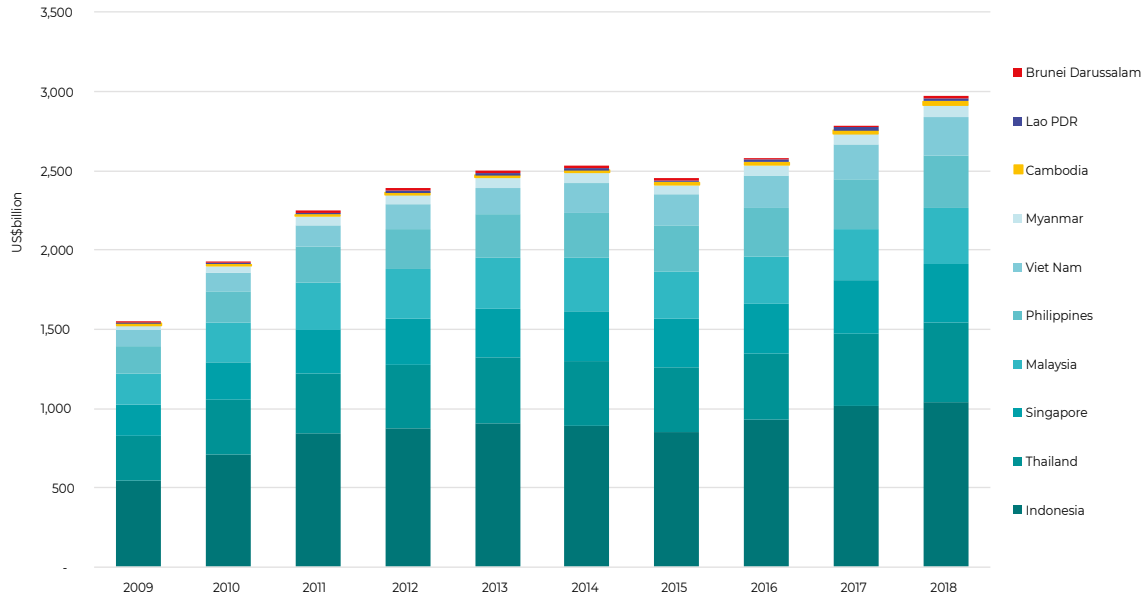


Table 4.6. ASEAN GDP Share of Major Group of Economic Sectors¹⁾, 2015-2018

(in percent)

Country	2015				2016				2017				2018			
	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S
Brunei Darussalam	0.9	63.4	37.6	101.9	0.8	63.1	38.0	101.9	0.8	63.2	37.9	101.9	0.8	62.9	38.0	101.8
Cambodia	22.2	32.1	39.6	93.9	20.1	33.1	39.6	92.8	20.6	33.0	39.2	92.7	16.3	32.1	43.1	91.6
Indonesia	13.0	41.0	42.8	96.8	12.8	40.5	43.1	96.4	12.7	40.2	43.3	96.1	12.5	39.8	43.6	96.0
Lao PDR	16.5	32.2	41.3	89.9	16.5	32.2	41.3	89.9	15.3	35.2	39.4	89.8	14.5	35.7	39.6	89.8
Malaysia	8.3	38.4	52.0	98.8	7.6	38.4	52.6	98.7	7.6	38.0	52.9	98.6	7.3	37.5	54.0	98.8
Myanmar	28.9	30.0	41.1	100.0	27.1	30.9	41.9	100.0	25.8	31.7	42.6	100.0	24.6	32.1	43.2	99.9
Philippines	9.5	33.5	57.0	100.0	8.8	33.9	57.4	100.0	8.5	34.0	57.5	100.0	8.1	34.1	57.8	100.0
Singapore	0.0	24.3	65.7	90.0	0.0	24.2	65.1	89.4	0.0	24.7	64.6	89.2	0.0	25.1	64.4	89.5
Thailand	6.4	36.4	56.8	99.6	6.1	36.1	57.4	99.5	6.1	35.3	58.3	99.6	6.1	34.7	58.7	99.5
Viet Nam	15.3	32.5	36.4	84.2	15.3	34.6	38.6	88.5	14.8	35.0	38.8	88.6	14.3	35.6	38.8	88.7

Source:
ASEAN Secretariat

Notes :

- 1) Major group of economic sectors:
 - a. Agriculture comprises: Fishing, Forestry
 - b. Industries comprises: Mining and Quarrying, Manufacturing, Construction and Utilities
 - c. Services comprises: Wholesales & Retail Trade, Transportation & Storage, Accommodation & Food Services, Information & Communications, Finance & Insurance, Business Services, and Other Services Industries
 - d. The sum of GDP shares of Agriculture+Industries+Services may not equal to 100% in some ASEAN countries, due to mainly the separate treatment of GDP associated balancing items from the total GDP including items on taxes, subsidies on particular products and services

Table 4.7. Inflation Rates in ASEAN, Year-on-Year End of Period, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.2	-2.1	1.8	0.4	0.2	-0.2	-1.0	-1.6	-0.1	0.1
Cambodia	5.3	3.1	4.9	2.5	4.6	2.4	2.8	3.9	2.3	1.6
Indonesia	2.8	7.0	3.8	4.3	8.4	2.7	3.4	3.0	3.6	3.1
Lao PDR	3.9	5.8	7.7	4.7	6.6	2.4	0.9	2.5	0.1	1.5
Malaysia	1.1	2.2	3.0	1.2	3.2	2.7	2.7	1.8	3.4	0.2
Myanmar	-	-	0.7	6.0	4.4	-0.1	10.3	6.6	4.0	6.8
Philippines	4.5	3.6	4.2	3.0	4.1	2.7	1.5	2.6	3.3	6.6
Singapore	-0.5	4.6	5.5	4.3	1.5	-0.1	-0.6	0.2	0.3	0.5
Thailand	3.5	3.0	3.5	3.6	1.7	0.6	-0.9	1.1	0.8	0.4
Viet Nam	6.5	11.8	18.1	6.8	6.0	1.8	0.6	4.7	2.8	2.7

Table 4.8. Inflation Rates in ASEAN, Year-on-Year Average of Period, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.8	0.4	1.7	-5.9	0.4	-0.2	-0.4	-0.7	-0.2	0.1
Cambodia	-0.7	4.0	5.5	2.9	2.9	3.9	1.3	3.0	2.2	2.5
Indonesia	5.0	5.1	5.4	4.3	7.0	8.4	6.4	3.5	3.6	3.2
Lao PDR	0.03	6.0	7.6	4.3	6.4	4.2	1.3	1.6	0.8	2.0
Malaysia	0.6	1.7	3.2	1.7	2.1	4.2	2.1	2.1	3.7	0.9
Myanmar	2.2	8.2	2.8	2.8	5.7	5.5	10.8	7.0	4.5	6.9
Philippines	4.2	3.8	4.7	3.2	2.9	4.2	1.4	1.8	3.2	5.3
Singapore	0.6	2.8	5.3	4.6	2.4	1.0	-0.5	-0.5	0.6	0.4
Thailand	-0.9	3.3	3.8	3.0	2.2	1.9	-0.9	0.2	0.7	1.1
Viet Nam	6.9	9.2	18.6	9.1	6.6	4.1	0.6	2.7	3.5	3.5

Source:
ASEAN Secretariat

Notes:

- Brunei Darussalam and Malaysia (y-o-y average period) were computed using inflation rate based on the 2010 base year
- Cambodia inflation rate computed using 2006 base year
- Indonesia, Myanmar and Philippines inflation rates were computed using 2012 based year
- Lao PDR; 2006-current using 2006 as the base year
- Singapore and Viet Nam inflation rate were computed using 2014 as base year
- Thailand inflation rate computed using 2015 as base year
- "—" not available at the time of publication

Table 4.9. Foreign Exchange Rates in ASEAN, Average of Period¹⁾, 2009-2018

(National Currency per US \$)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.5	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.4	1.3
Cambodia	4,158.6	4,189.8	4,066.6	4,040.9	4,029.0	4,040.9	4,058.5	4,182.0	4,037.0	4,045.1
Indonesia	10,369.8	9,085.8	8,767.6	9,410.6	10,585.9	11,884.5	13,481.8	13,327.5	13,401.0	14,267.3
Lao PDR	8,501.0	8,248.5	8,030.1	8,006.9	7,851.6	8,045.5	8,131.1	8,134.2	8,299.4	8,422.7
Malaysia	3.5	3.3	3.1	3.1	3.2	3.3	3.9	4.2	4.3	4.0
Myanmar ²⁾	1,084.3	970.1	819.6	850.3	937.8	983.9	1,216.1	1,234.1	1,356.7	1,365.2
Philippines	47.6	45.1	43.3	42.2	42.9	44.3	45.5	47.5	50.3	53.0
Singapore	1.5	1.4	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.3
Thailand	34.3	31.7	30.5	31.1	30.7	32.5	34.2	35.3	33.9	32.3
Viet Nam	17,064.5	18,554.0	20,509.5	20,828.0	20,933.8	21,130.5	21,620.7	21,908.8	22,343.8	22,982.3

Source:

ASEAN Secretariat

Notes:

1) Average for the year was computed as a simple average of the quarterly averages

2) Myanmar figures (average period) are based on the exchange rates used in the IMF-WEO Database of April 2018

Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM); Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong

Table 4.10. Foreign Exchange Rates in ASEAN, End of Period, 2009-2018

(National Currency per US \$)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.4
Cambodia	4,065.0	4,004.0	4,121.0	4,185.5	4,050.5	4,061.5	3,995.0	3,995.0	4,075.0	4,051.7
Indonesia	8,995.0	9,419.0	10,950.0	9,400.0	8,991.0	9,069.0	9,793.0	12,173.0	12,440.0	13,788.0
Lao PDR	9,763.5	9,385.0	8,514.0	8,471.0	8,039.0	8,016.2	7,996.6	8,015.2	8,078.2	8,152.9
Malaysia	3.5	3.3	3.5	3.4	3.1	3.2	3.1	3.3	3.5	4.3
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	49.1	41.4	47.5	46.4	43.9	43.9	41.2	44.4	44.6	47.2
Singapore	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.4
Thailand	36.1	33.7	34.9	33.3	30.2	31.7	30.6	32.3	32.7	36.0
Viet Nam	16,091.0	16,114.0	16,977.0	17,941.0	18,932.0	20,828.0	20,828.0	21,036.0	21,246.0	21,890.0

Source:

ASEAN Secretariat

Notes:

Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM); Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong

"-": not available at the time of publication

Table 4.11. Interest Rates in ASEAN: 3-Month Deposit¹⁾, 2009-2018

(in percent)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.80	0.63	0.40	0.40	0.23	0.28	0.30	0.34	0.33	0.32	0.36
Cambodia	5.20	4.09	4.50	4.33	4.08	4.03	4.19	4.71	4.84	3.29	3.91
Indonesia	11.16	7.48	7.06	6.81	5.76	7.61	8.94	7.99	6.69	6.10	6.84
Lao PDR	6.07	5.66	5.51	5.42	5.17	5.41	3.07	4.47	3.05	3.04	3.02
Malaysia	3.04	2.03	2.74	2.99	2.97	2.97	3.13	3.13	2.92	2.94	3.15
Myanmar	10.50	10.50	10.50	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	10.00	11.00
Philippines	5.92	3.03	3.00	4.00	3.03	1.17	1.64	1.78	1.60	2.60	4.10
Singapore	0.39	0.25	0.19	0.14	0.14	0.14	0.14	0.18	0.19	4.19	8.19
Thailand	1.35-1.88	0.65-0.75	0.95-1.30	1.85 - 2.25	1.60-2.05	1.50-2.50	1.00-2.50	0.25-2.00	1.06	1.00	2.00
Viet Nam	7.94	10.14	13.25	14.00	10.50	7.14	4.64	5.09	5.08	4.65	5.65

Table 4.12. Interest Rates in ASEAN: Minimum Lending Rate¹⁾, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	5.50	5.50	5.50	5.27	5.22	5.20	5.16	5.17	5.18	5.50
Cambodia	23.08	22.49	19.35	11.79	15.79	19.79	23.79	20.46	17.98	16.02
Indonesia	13.69	12.83	12.16	11.49	12.12	12.79	12.46	11.36	10.68	10.34
Lao PDR	14.40	14.47	12.24	13.89	13.49	12.83	11.75	9.40	9.26	9.20
Malaysia	5.51	6.27	6.53	6.53	6.53	6.79	6.79	6.65	6.68	6.91
Myanmar	17.00	17.00	15.00	13.00	13.00	13.00	13.00	13.00	13.00	14.00
Philippines	6.96	6.00	6.00	5.46	5.72	5.59	6.63	10.63	14.63	18.63
Singapore	5.38	5.38	5.38	5.38	5.38	5.35	5.35	5.35	5.28	5.33
Thailand	5.85-6.25	6.12-6.50	7.25 -7.63	7.00-7.50	7.00-7.40	7.28 -7.88	7.10-7.92	6.25	6.25	7.25
Viet Nam	11.73	14.47	18.68	13.47	11.50-13.00	9.50-11.00	9.30-10.50	9.30-10.30	9.30-10.30	9.00-11.00

Sources:
 ASEAN Secretariat and International Financial Statistics (IMF Database)
 CEIC Database

Notes:

1) Minimum Lending rate and 3-Month Deposits in 2012 and 2013 for Viet Nam and 2012-2017 for Brunei Darussalam figures were taken from CEIC database
 - not available at the time of publication

Table 4.13. Money Growth (M2)¹⁾ in ASEAN, Year-on-Year end of the period, 2009-2018

(in percent)

Country	M2										
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	9.6	9.7	4.8	10.0	1.0	1.4	3.2	-1.8	1.5	-0.4	2.8
Cambodia	4.8	36.8	20.0	21.5	20.9	14.6	30.0	14.7	17.9	47.3	4.2
Indonesia	12.7	12.4	16.0	16.4	15.0	12.8	11.9	9.0	10.0	8.3	6.3
Lao PDR	18.3	31.2	39.1	29.0	31.0	17.0	25.2	14.7	10.9	12.2	8.4
Malaysia*)	11.9	9.2	6.8	14.3	9.0	7.3	7.3	3.0	3.2	4.9	8.0
Myanmar	24.0	30.6	42.6	30.4	31.7	32.5	21.0	30.7	17.4	22.9	14.6
Philippines*)	30.6	7.7	13.0	29.2	9.6	29.5	12.2	9.3	13.4	11.4	8.7
Singapore	11.6	10.6	8.3	10.1	7.6	4.3	3.4	1.7	7.7	3.2	1.7
Thailand	3.3	7.5	9.9	16.2	15.9	7.3	4.6	4.4	4.2	5.0	4.7
Viet Nam	20.3	29.0	33.3	7.0	15.8	21.4	19.7	14.9	17.9	13.8	12.4

Table 4.14. Money Growth (M1)¹⁾ in ASEAN, Year-on-Year end of the period, 2009-2018

(in percent)

Country	M1										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Brunei Darussalam	22.9	-29.2	10.9	1.5	4.0	-1.5	6.5	-0.1	-5.7	-3.0	
Cambodia	30.0	3.2	22.8	2.3	20.6	30.4	6.7	7.2	85.9	-24.4	
Indonesia	10.7	19.7	19.4	16.4	5.4	6.2	12.0	17.3	12.4	4.8	
Lao PDR	28.9	32.6	12.9	16.4	5.4	6.3	4.2	-7.6	19.3	5.4	
Malaysia	9.8	11.7	15.4	11.9	13.1	5.6	4.0	5.6	11.0	0.9	
Myanmar	24.0	30.3	20.5	14.1	25.9	13.6	31.9	0.7	3.5	8.7	
Philippines	13.6	10.6	10.9	7.7	27.3	13.2	15.2	15.1	16.1	9.1	
Singapore	23.5	20.3	16.1	7.7	9.9	3.6	0.1	7.7	6.3	0.4	
Thailand	7.7	11.7	13.0	20.3	3.9	1.3	5.7	4.8	9.4	2.8	
Viet Nam	31.3	10.2	-0.9	21.9	27.9	21.2	18.0	18.1	12.4	9.7	

Sources:
 ASEAN Secretariat and International Financial Statistics (IMF Database)
 CEIC Database

Notes:
 1) M1 instead of M2 for Malaysia and M4 for Philippines; Myanmar's M1 and M2 figures for 2008, is y-o-y growth of Q2 figures.

. not available at the time of publication

Table 4.15. Reserve Money in ASEAN, 2009-2018

(in Billions of National Currency)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.2	1.3	1.5	-	-	-	-	-	-	-
Cambodia	8,741.0	10,244.9	11,033.0	13,129.0	14,840.0	18,492.0	22,501.0	28,419.0	36,692.6	44,156.5
Indonesia	402,119.1	518,447.3	613,487.5	704,843.2	821,679.2	918,433.7	945,915.9	989,565.0	1,085,796.3	1,069,553.8
Lao PDR	6,427.7	5,151.1	4,771.6	6,476.7	6,840.1	12,907.0	18,223.6	18,966.0	19,718.8	20,215.3
Malaysia	54.8	61.3	96.3	105.8	115.8	124.8	137.3	141.3	147.4	155.6
Myanmar	4,665.6	5,700.6	6,671.8	8,410.3	10,050.0	11,855.0	12,477.0	-	-	-
Philippines	1,046.8	1,119.7	1,322.4	1,475.3	1,925.9	2,323.9	2,467.1	2,757.8	3,136.7	3,338.0
Singapore	36.3	40.5	45.4	48.7	64.0	55.2	60.7	64.6	68.2	71.8
Thailand	1,103.3	1,243.3	1,366.3	1,497.8	1,581.3	1,666.8	1,710.1	1,816.4	1,939.9	1,848.5
Viet Nam	422,253.0	439,622.0	522,809.0	655,511.0	695,652.9	825,687.4	985,307.4	1,111,230.3	-	-

Source:
ASEAN Secretariat and International Financial Statistics (IMF Database)

Note:
“-” not available at the time of publication

Table 4.16. Government Budget Balance in ASEAN as a Percentage of GDP, 2009-2018

(as percent of GDP)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	3.9	7.7	25.6	15.5	7.6	-1.0	-14.0	-21.7	-10.4	-3.6
Cambodia	3.3	3.5	3.8	-	-	-4.9	-4.7	-4.2	0.0	-5.1
Indonesia	0.3	0.1	-1.1	-1.9	-2.2	-2.1	-2.6	-2.5	-2.5	-1.8
Lao PDR	-2.4	-2.2	-1.9	-1.3	-4.3	-3.6	-5.9	-5.2	-5.6	-4.6
Malaysia	0.2	1.0	0.3	-4.5	-3.9	0.1	0.2	0.0	0.0	-3.7
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	-3.7	-3.5	-2.0	-2.3	-1.4	-0.6	-0.9	-2.4	-2.2	-3.2
Singapore	-0.3	0.3	1.1	1.6	1.3	0.1	-1.0	1.2	2.1	0.4
Thailand	-4.2	-2.5	-4.1	-4.2	-1.9	-2.9	-2.9	-2.3	0.0	-2.5
Viet Nam	-5.84	-3.35	-1.78	-	-	-	-	-	-	-

Source:
ASEAN Secretariat and International Financial Statistics (IMF Database)

Note:
"-" not available at the time of publication

Table 4.17. Government Budget Balance in ASEAN, 2009-2018

(Million of National Currency)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	612.4	1,441.4	5,972.8	3,700.5	1,719.8	-213.1	-2,481.9	-3,415.2	-1,743.2	-659.0
Cambodia	1,433,800.0	1,659,776.5	1,969,751.0	-	-	-3,319,080.0	-3,450,430.0	-3,415,210.0	0.0	-5,076,758.0
Indonesia	18,150,382.3	5,730,695.8	-84,399,000.0	-153,301,000.0	-211,673,000.0	-226,692,040.0	-298,494,830.0	-308,340,940.0	-340,975,900.0	-269,442,940.0
Lao PDR	-1,143,619.0	-1,199,437.0	-1,212,830.0	-1,028,630.0	-4,028,490.0	-3,845,590.0	-6,952,690.0	-6,711,980.0	-7,810,990.0	-7,011,053.0
Malaysia	1,572.0	8,019.0	2,825.0	2,376.0	2,101.0	1,037.0	2,090.0	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	-298,532.0	-314,458.0	-197,754.0	-242,909.0	-164,000.0	-73,092.0	-121,689.0	-353,422.0	-350,637.0	-557,638.5
Singapore	-820.0	980.0	4,002.7	5,821.1	4,998.2	571.5	-4,049.7	5,180.0	9,608.0	1,964.7
Thailand	-401,287.0	-265,861.0	-465,800.0	-516,500.0	-239,000.0	-384,400.0	-402,300.0	-341,800.0	0.0	-407,950.8
Viet Nam	-105,647,000.0	-72,337,000.0	-49,405,000.0	-	-	-	-	-	-	-

Source:
ASEAN Secretariat and International Financial Statistics (IMF Database)

Note:
"-" not available at the time of publication

The background is a dark teal color with a grid of lighter teal squares. Large, stylized numbers are scattered across the left side: a '2' at the top left, a '3' below it, a large '4' in the center left, and a large '8' at the bottom center. There are also some smaller, faint numbers and shapes.

CHAPTER 5

Trade in Goods

Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total Trade in Goods										
Brunei Darussalam	9,602.5	11,274.2	15,383.3	16,854.7	15,057.4	14,180.7	9,592.2	8,694.3	8,676.3	10,728.8
Cambodia	8,886.7	8,601.2	11,220.5	12,797.1	14,877.5	16,408.1	20,355.0	22,443.9	25,562.7	30,190.3
Indonesia	213,339.2	293,442.4	380,932.2	381,721.3	369,180.5	354,158.8	292,977.1	280,839.0	325,796.2	385,534.6
Lao PDR	2,962.1	3,745.4	4,480.1	4,194.7	6,540.0	7,024.6	6,763.5	7,718.6	10,069.4	11,662.8
Malaysia	280,221.4	363,234.4	415,559.1	423,942.4	434,019.5	442,777.8	375,168.7	358,089.1	412,471.5	466,642.8
Myanmar	10,191.3	11,866.6	15,232.7	17,173.2	23,275.5	27,256.7	28,275.9	27,542.4	33,131.4	35,991.3
Philippines	83,868.6	109,660.3	111,751.6	117,381.6	119,108.9	130,806.1	128,834.5	142,248.0	170,614.7	188,310.3
Singapore	516,535.4	666,318.1	788,754.7	801,432.0	807,988.7	793,292.7	666,003.8	629,992.6	700,945.8	782,656.9
Thailand	286,266.8	376,225.3	451,358.6	477,301.9	478,247.4	455,525.9	417,147.4	409,994.2	459,457.6	432,977.9
Viet Nam	125,921.9	157,075.2	203,655.5	227,793.3	264,774.0	293,777.1	327,743.7	351,038.5	424,557.0	480,567.6
TOTAL	1,537,795.9	2,001,443.0	2,398,328.3	2,480,592.1	2,533,069.2	2,535,208.4	2,272,861.8	2,238,600.6	2,571,282.7	2,825,263.3
Intra-ASEAN Trade in Goods										
Brunei Darussalam	2,442.2	2,330.6	3,282.4	3,707.2	4,488.0	3,860.7	2,644.9	2,783.1	3,126.4	3,193.5
Cambodia	2,097.9	1,989.5	2,623.5	3,282.3	3,345.0	3,278.0	5,366.8	5,483.7	6,647.5	7,985.5
Indonesia	52,366.3	80,472.2	93,399.1	95,654.5	94,661.0	90,571.3	72,485.0	68,647.6	78,686.7	92,058.4
Lao PDR	2,478.1	2,639.6	2,897.0	2,589.2	3,963.0	4,877.0	4,356.9	4,659.1	6,190.7	7,546.9
Malaysia	72,061.8	95,112.7	108,271.9	115,816.1	118,968.9	118,965.0	102,847.8	97,149.9	113,241.7	126,824.3
Myanmar	5,262.3	6,175.0	8,417.8	8,391.9	10,211.5	11,454.1	11,294.8	9,430.6	11,512.0	12,873.7
Philippines	17,399.5	27,827.5	23,675.6	24,758.3	22,786.2	25,616.1	25,578.9	30,895.5	36,735.1	41,147.8
Singapore	141,499.0	182,597.4	212,369.3	213,957.9	216,127.5	205,968.8	172,677.5	162,108.1	179,035.9	200,429.2
Thailand	59,250.1	76,960.9	93,508.0	99,535.5	103,668.6	102,725.3	96,236.8	94,258.6	104,436.9	102,222.2
Viet Nam	22,121.5	26,758.5	34,493.5	37,947.4	39,531.9	40,797.7	41,891.1	41,159.1	49,561.0	56,447.5
TOTAL	376,978.7	502,863.8	582,937.9	605,640.2	617,751.6	608,113.8	535,380.4	516,575.3	589,174.0	650,729.2

Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2009-2018 (Continued)

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Extra-ASEAN Trade in Goods										
Brunei Darussalam	7,160.3	8,943.6	12,101.0	13,147.5	10,569.4	10,320.1	6,947.2	5,911.2	5,549.9	7,535.2
Cambodia	6,788.8	6,611.7	8,597.0	9,514.8	11,532.5	13,130.1	14,988.2	16,960.2	18,915.1	22,204.8
Indonesia	160,972.9	212,970.2	287,533.1	286,066.9	274,519.5	263,587.6	220,492.1	212,191.4	247,109.5	293,476.1
Lao PDR	484.0	1,105.8	1,583.1	1,605.5	2,577.1	2,147.6	2,406.6	3,059.4	3,878.7	4,116.0
Malaysia	208,159.6	268,121.7	307,287.2	308,126.3	315,050.6	323,812.9	272,321.0	260,939.3	299,229.8	339,818.5
Myanmar	4,929.0	5,691.7	6,814.9	8,781.2	13,064.0	15,802.6	16,981.1	18,111.9	21,619.4	23,117.5
Philippines	66,469.1	81,832.9	88,076.0	92,623.3	96,322.7	105,190.0	103,255.7	111,352.5	133,879.7	147,162.5
Singapore	375,036.5	483,720.6	576,385.4	587,474.0	591,861.1	587,323.9	493,326.3	467,884.5	521,909.9	582,227.7
Thailand	227,016.7	299,264.3	357,850.6	377,766.4	374,578.7	352,800.6	320,910.6	315,735.5	355,020.7	330,755.7
Viet Nam	103,800.4	130,316.7	169,162.1	189,845.9	225,242.1	252,979.4	285,852.6	309,879.4	374,996.0	424,120.1
TOTAL	1,160,817.2	1,498,579.2	1,815,390.4	1,874,951.9	1,915,317.6	1,927,094.6	1,737,481.4	1,722,025.4	1,982,108.7	2,174,534.1

Source:
ASEAN Secretariat

Table 5.2. ASEAN Exports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	7,152.0	8,837.2	12,440.5	13,180.6	11,445.6	10,584.1	6,353.9	6,024.1	5,588.3	6,571.4
Cambodia	4,985.8	3,825.9	5,121.1	5,330.5	6,665.9	6,748.7	8,557.7	10,073.0	11,278.1	12,700.3
Indonesia	116,510.0	157,779.1	203,496.6	190,031.8	182,551.8	175,980.0	150,282.3	145,186.2	168,810.7	180,012.7
Lao PDR	1,237.2	1,908.7	1,898.0	1,597.1	2,987.8	2,572.2	2,985.1	3,611.5	4,909.7	5,814.8
Malaysia	156,890.9	198,612.1	228,086.0	227,544.1	228,223.4	233,927.4	199,157.9	189,659.2	217,722.0	248,671.7
Myanmar	6,341.5	7,871.1	7,418.9	8,374.8	11,232.9	11,030.6	11,432.3	11,836.6	13,878.0	16,654.2
Philippines	38,334.7	51,431.7	48,042.2	51,995.2	53,978.3	62,101.6	58,648.4	56,312.9	68,712.9	69,307.4
Singapore	270,145.3	353,242.6	416,202.1	415,613.9	419,936.7	415,377.8	357,905.9	338,083.2	383,252.4	411,973.3
Thailand	152,497.2	193,298.1	222,579.1	229,529.3	228,730.2	227,573.6	214,396.2	215,326.6	236,694.2	241,010.5
Viet Nam	56,691.0	72,236.7	96,905.7	114,510.7	132,664.1	148,091.5	162,013.9	176,575.1	213,931.5	243,698.7
TOTAL	810,785.5	1,049,043.2	1,242,190.2	1,257,708.2	1,278,416.6	1,293,987.5	1,171,733.6	1,152,688.4	1,324,777.7	1,436,415.0

Source:
ASEAN Secretariat

Table 5.3. ASEAN Imports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	2,450.5	2,437.0	2,942.8	3,674.1	3,611.8	3,596.6	3,238.2	2,670.2	3,088.0	4,157.4
Cambodia	3,900.9	4,775.3	6,099.4	7,466.6	8,211.6	9,659.4	11,797.3	12,370.9	14,284.5	17,490.0
Indonesia	96,829.2	135,663.3	177,435.6	191,689.5	186,628.7	178,178.8	142,694.8	135,652.8	156,985.6	205,521.9
Lao PDR	1,725.0	1,836.6	2,582.1	2,597.5	3,552.3	4,452.4	3,778.4	4,107.1	5,159.7	5,848.0
Malaysia	123,330.5	164,622.2	187,473.1	196,398.3	205,796.1	208,850.5	176,010.8	168,430.0	194,749.5	217,971.1
Myanmar	3,849.9	3,995.6	7,813.8	8,798.3	12,042.6	16,226.1	16,843.6	15,705.9	19,253.5	19,337.1
Philippines	45,533.9	58,228.6	63,709.4	65,386.4	65,130.6	68,704.5	70,186.1	85,935.1	101,901.8	119,002.9
Singapore	246,390.1	313,075.5	372,552.7	385,818.0	388,051.9	377,914.8	308,097.9	291,909.4	317,693.4	370,683.6
Thailand	133,769.6	182,927.1	228,779.4	247,772.6	249,517.1	227,952.3	202,751.2	194,667.5	222,763.5	191,967.4
Viet Nam	69,230.9	84,838.6	106,749.9	113,282.5	132,109.9	145,685.6	165,729.9	174,463.4	210,625.5	236,868.9
TOTAL	727,010.5	952,399.7	1,156,138.1	1,222,883.9	1,254,652.6	1,241,220.9	1,101,128.3	1,085,912.3	1,246,505.0	1,388,848.3

Source:
ASEAN Secretariat

Table 5.4. Extra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	5,964.9	7,741.0	10,707.0	11,076.5	8,801.2	8,491.1	5,114.4	4,531.4	3,793.3	4,724.1
Cambodia	4,341.2	3,512.4	4,704.2	4,813.7	6,139.1	6,386.5	7,868.2	9,202.9	10,155.5	11,745.6
Indonesia	91,886.1	124,431.6	161,397.8	148,200.7	141,921.8	136,311.9	116,710.0	111,355.9	129,487.0	138,099.4
Lao PDR	239.8	756.9	858.2	692.5	1,642.2	1,181.4	1,407.1	2,004.7	1,781.4	2,088.7
Malaysia	116,529.4	148,216.4	171,987.7	166,597.2	164,275.9	168,688.7	142,988.8	133,913.8	154,490.2	177,539.1
Myanmar	3,145.0	3,677.0	2,920.3	3,986.3	5,774.1	6,670.6	7,142.8	8,325.2	9,985.9	12,447.2
Philippines	32,496.2	39,874.1	39,406.9	42,190.9	45,363.4	52,889.9	50,111.5	47,912.3	58,585.1	58,126.4
Singapore	187,804.3	245,569.8	282,333.8	281,890.3	281,990.6	285,179.2	250,102.9	238,708.3	275,163.5	290,069.8
Thailand	120,006.6	148,980.2	168,534.2	172,798.8	169,409.7	168,147.8	159,231.2	160,669.6	177,030.3	176,048.2
Viet Nam	48,136.2	61,885.7	83,322.4	97,437.9	114,485.2	129,831.0	143,950.1	159,286.0	192,422.8	219,064.5
TOTAL	610,549.8	784,645.1	926,172.4	929,684.7	939,803.3	963,778.1	884,627.2	875,910.1	1,012,895.2	1,089,953.0

Source:
ASEAN Secretariat

Table 5.5. Intra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1,187.1	1,096.2	1,733.6	2,104.2	2,644.4	2,093.0	1,239.5	1,492.7	1,794.9	1,847.3
Cambodia	644.6	313.5	416.9	516.9	526.8	362.2	689.5	870.2	1,122.6	954.7
Indonesia	24,623.9	33,347.5	42,098.9	41,831.1	40,630.0	39,668.1	33,572.3	33,830.3	39,323.7	41,913.2
Lao PDR	997.3	1,151.8	1,039.8	904.7	1,345.6	1,390.8	1,578.0	1,606.8	3,128.3	3,726.1
Malaysia	40,361.5	50,395.7	56,098.3	60,946.9	63,947.5	65,238.6	56,169.1	55,745.4	63,231.8	71,132.6
Myanmar	3,196.4	4,194.1	4,498.6	4,388.5	5,458.8	4,360.0	4,289.5	3,511.4	3,892.1	4,207.1
Philippines	5,838.4	11,557.6	8,635.3	9,804.4	8,614.9	9,211.7	8,536.9	8,400.6	10,127.8	11,181.1
Singapore	82,341.0	107,672.9	133,868.3	133,723.7	137,946.1	130,198.7	107,802.9	99,374.9	108,088.9	121,903.5
Thailand	32,490.6	44,317.9	54,044.9	56,730.5	59,320.5	59,425.8	55,165.0	54,657.0	59,663.9	64,962.3
Viet Nam	8,554.8	10,351.0	13,583.3	17,072.8	18,178.9	18,260.5	18,063.7	17,289.1	21,508.6	24,634.2
TOTAL	200,235.7	264,398.2	316,017.7	328,023.5	338,613.4	330,209.5	287,106.4	276,778.3	311,882.6	346,462.0

Source:
ASEAN Secretariat

Table 5.6. Extra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1,195.4	1,202.6	1,394.0	2,071.0	1,768.2	1,828.9	1,832.8	1,379.8	1,756.5	2,811.2
Cambodia	2,447.6	3,099.3	3,892.8	4,701.2	5,393.3	6,743.6	7,120.0	7,757.3	8,759.6	10,459.2
Indonesia	69,086.8	88,538.6	126,135.4	137,866.1	132,597.7	127,275.7	103,782.1	100,835.5	117,622.6	155,376.7
Lao PDR	244.2	348.9	724.9	913.0	934.9	966.2	999.5	1,054.7	2,097.3	2,027.3
Malaysia	91,630.2	119,905.3	135,299.5	141,529.2	150,774.7	155,124.2	129,332.2	127,025.4	144,739.6	162,279.4
Myanmar	1,784.0	2,014.7	3,894.6	4,794.9	7,289.9	9,132.0	9,838.3	9,786.7	11,633.5	10,670.4
Philippines	33,972.9	41,958.8	48,669.1	50,432.5	50,959.3	52,300.0	53,144.2	63,440.2	75,294.5	89,036.1
Singapore	187,232.1	238,150.9	294,051.6	305,583.8	309,870.5	302,144.7	243,223.4	229,176.2	246,746.4	292,157.9
Thailand	107,010.1	150,284.1	189,316.4	204,967.6	205,169.0	184,652.8	161,679.3	155,065.9	177,990.4	154,707.4
Viet Nam	55,664.2	68,431.0	85,839.7	92,408.0	110,756.9	123,148.4	141,902.5	150,593.4	182,573.1	205,055.6
TOTAL	550,267.5	713,934.1	889,217.9	945,267.2	975,514.3	963,316.6	852,854.3	846,115.3	969,213.6	1,084,581.1

Source:
ASEAN Secretariat

Table 5.7. Intra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1,255.1	1,234.4	1,548.8	1,603.0	1,843.7	1,767.7	1,405.4	1,290.4	1,331.5	1,346.2
Cambodia	1,453.3	1,676.0	2,206.7	2,765.4	2,818.3	2,915.8	4,677.3	4,613.6	5,524.9	7,030.8
Indonesia	27,742.4	47,124.7	51,300.2	53,823.4	54,031.0	50,903.1	38,912.7	34,817.3	39,363.0	50,145.2
Lao PDR	1,480.8	1,487.7	1,857.2	1,684.5	2,617.4	3,486.2	2,778.9	3,052.4	3,062.4	3,820.7
Malaysia	31,700.2	44,717.0	52,173.6	54,869.1	55,021.4	53,726.3	46,678.7	41,404.5	50,010.0	55,691.7
Myanmar	2,065.9	1,980.9	3,919.2	4,003.5	4,752.7	7,094.1	7,005.3	5,919.2	7,619.9	8,666.7
Philippines	11,561.1	16,269.8	15,040.3	14,953.9	14,171.4	16,404.4	17,042.0	22,494.8	26,607.3	29,966.8
Singapore	59,158.0	74,924.6	78,501.0	80,234.2	78,181.4	75,770.1	64,874.5	62,733.2	70,947.0	78,525.7
Thailand	26,759.5	32,643.0	39,463.1	42,805.0	44,348.1	43,299.5	41,071.8	39,601.6	44,773.0	37,260.0
Viet Nam	13,566.7	16,407.5	20,910.2	20,874.6	21,353.0	22,537.1	23,827.4	23,870.1	28,052.4	31,813.3
TOTAL	176,743.0	238,465.6	266,920.2	277,616.7	279,138.3	277,904.3	248,274.0	239,797.0	277,291.4	304,267.2

Source:
ASEAN Secretariat

Table 5.8. ASEAN Balance of Trade¹⁾ in Goods by ASEAN Member States, 2009-2018

(in US\$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	4,701.5	6,400.2	9,497.7	9,506.5	7,833.7	6,987.6	3,115.7	3,353.9	2,500.2	2,414.0
Cambodia	1,084.9	-949.4	-978.4	-2,136.1	-1,545.7	-2,910.7	-3,239.7	-2,297.9	-3,006.4	-4,789.7
Indonesia	19,680.8	22,115.8	26,061.1	-1,657.6	-4,076.9	-2,198.8	7,587.4	9,533.4	11,825.1	-25,509.2
Lao PDR	-487.8	72.1	-684.1	-1,000.4	-564.5	-1,880.2	-793.3	-495.6	-250.0	-33.2
Malaysia	33,560.4	33,989.9	40,612.9	31,145.8	22,427.3	25,076.9	23,147.1	21,229.2	22,972.5	30,700.6
Myanmar	2,491.6	3,875.5	-394.9	-423.5	-809.7	-5,195.4	-5,411.3	-3,869.3	-5,375.5	-2,682.8
Philippines	-7,199.3	-6,796.9	-15,667.2	-13,391.2	-11,152.4	-6,602.9	-11,537.7	-29,622.2	-33,188.9	-49,695.5
Singapore	23,755.2	40,167.2	43,649.4	29,795.9	31,884.8	37,463.0	49,807.9	46,173.8	65,559.0	41,289.7
Thailand	18,727.6	10,371.0	-6,200.3	-18,243.3	-20,786.9	-378.7	11,645.1	20,659.1	13,930.7	49,043.1
Viet Nam	-12,539.8	-12,601.9	-9,844.2	1,228.2	554.2	2,405.9	-3,716.0	2,111.7	3,305.9	6,829.8
TOTAL	83,775.0	96,643.5	86,052.1	34,824.4	23,764.0	52,766.6	70,605.3	66,776.1	78,272.7	47,566.7

Source:
ASEAN Secretariat

Note:
1) Balance of trade is the difference between the value of exports and value of imports.

Table 5.9. ASEAN Trade in Goods by Trading Partner, 2009-2018

(in US\$ Million)

Trading Partner	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	376,978.7	502,863.8	582,937.9	605,640.2	617,751.6	608,113.8	535,380.4	516,575.3	589,174.0	650,729.2
Trading Partner	1,160,817.3	1,491,967.5	1,806,793.4	1,865,437.1	1,903,785.1	1,913,964.6	1,737,481.4	1,722,025.4	1,982,108.8	2,174,534.1
Australia	43,977.7	57,399.0	67,442.6	70,378.5	68,975.2	73,289.3	57,492.6	52,878.6	59,093.0	66,169.3
Canada	9,028.0	10,454.6	12,279.6	11,932.0	13,063.6	12,809.0	12,655.2	12,631.9	13,797.5	15,744.1
China	178,049.1	234,295.6	293,102.9	316,983.9	348,324.7	362,644.6	363,496.8	368,693.9	440,939.5	483,764.7
EU-28	171,316.6	202,800.2	238,401.1	240,707.7	243,896.3	245,276.8	230,655.1	233,564.4	260,772.4	288,225.3
India	39,171.2	56,665.2	74,145.1	71,132.8	68,169.2	67,835.7	60,165.7	58,597.4	73,668.2	81,066.7
Japan	160,956.1	218,700.1	255,998.3	264,035.1	239,942.3	228,485.9	202,800.1	202,407.9	218,797.8	231,715.4
Korea, Republic of	74,721.8	101,744.4	124,403.4	130,974.4	134,400.1	130,924.7	120,566.7	124,454.8	154,836.1	161,514.6
New Zealand	5,371.5	7,604.6	9,039.1	9,283.4	9,783.4	10,698.3	8,753.0	7,899.6	9,505.0	10,322.1
Russian Federation	6,756.2	12,666.9	16,803.1	18,091.3	19,925.1	22,524.9	13,969.0	11,956.6	16,748.2	20,006.3
USA	148,667.7	179,219.7	195,878.7	198,086.7	203,127.5	209,290.4	210,582.4	211,807.1	233,826.5	263,023.1
Rest of the World	322,801.5	410,417.3	519,299.5	533,831.4	554,177.8	550,185.0	456,344.9	437,133.2	500,124.7	552,982.7
Total	1,537,795.9	1,994,831.3	2,389,731.3	2,471,077.3	2,521,536.8	2,522,078.3	2,272,861.8	2,238,600.6	2,571,282.8	2,825,263.3

Source:
ASEAN Secretariat

Chart 5.1. ASEAN Total of Exports and Imports of Goods, 2009-2018

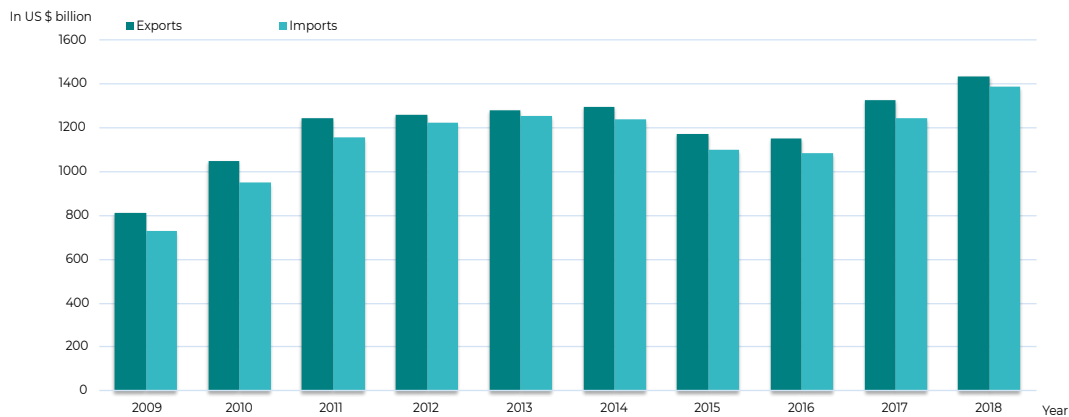


Chart 5.2. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, 2009-2018

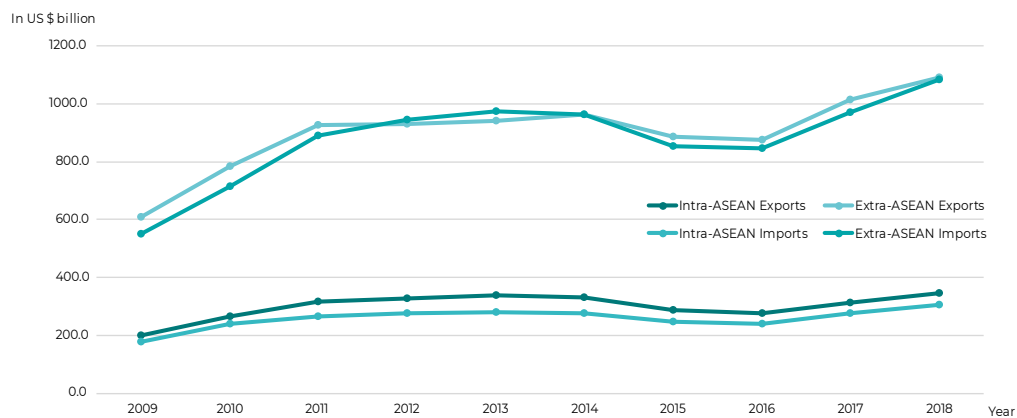


Chart 5.3. ASEAN Total of Exports and Imports of Goods, % Share to Gross Domestic Products (GDP), 2009-2018

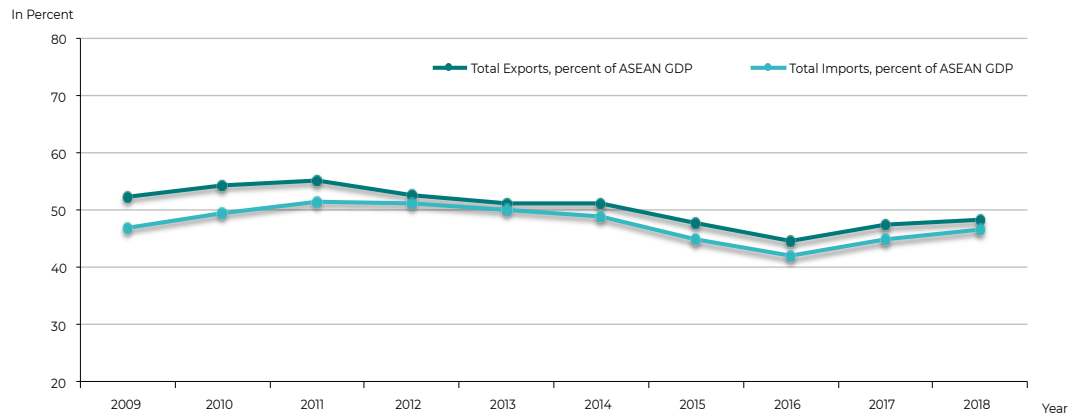
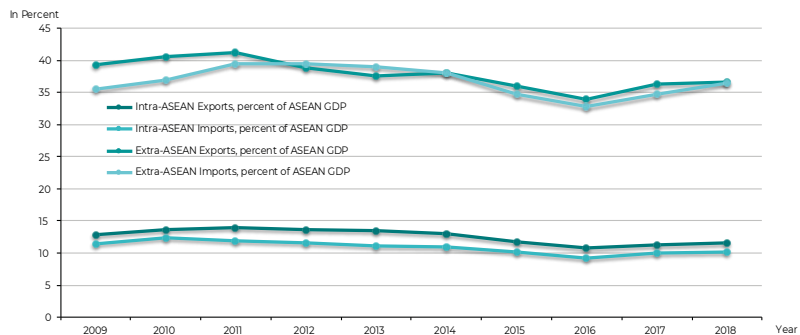


Chart 5.4. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, % Share to Gross Domestic Products (GDP), 2009-2018



514,530.8	5.1
1,388,848.3	7.4

Chart 5.5. ASEAN Total of Extra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018

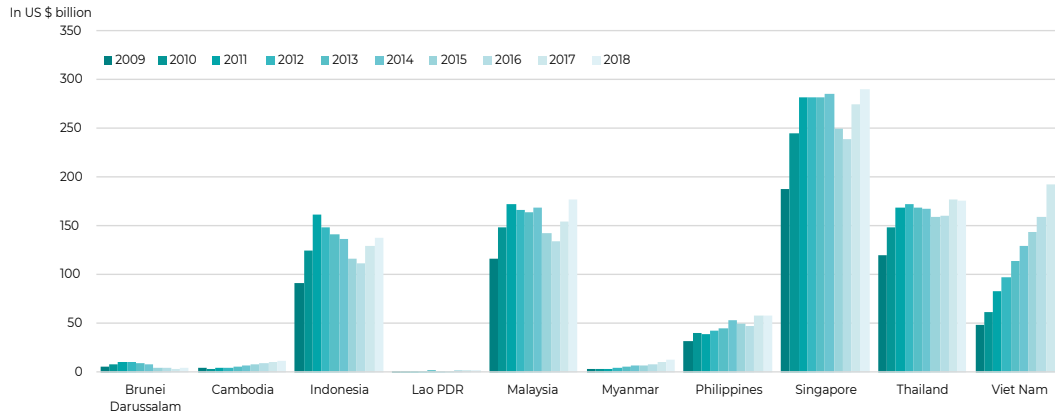


Chart 5.6. ASEAN Total of Extra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018

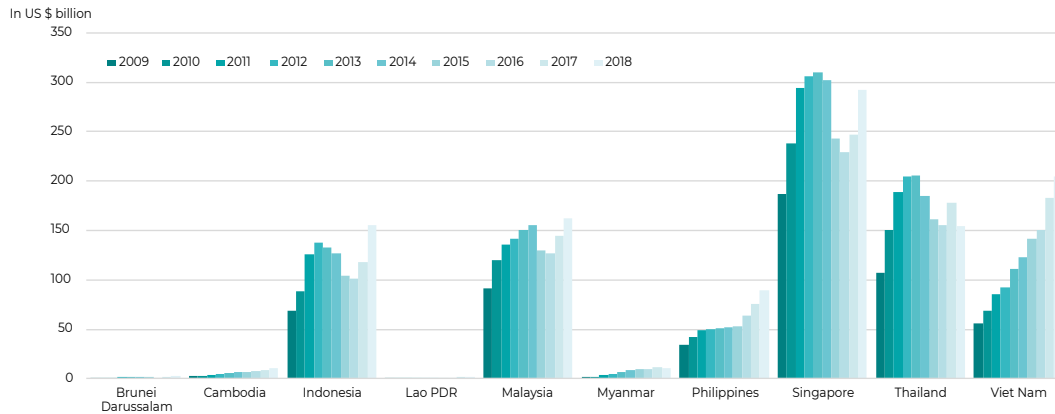


Chart 5.7. ASEAN Total of Intra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018

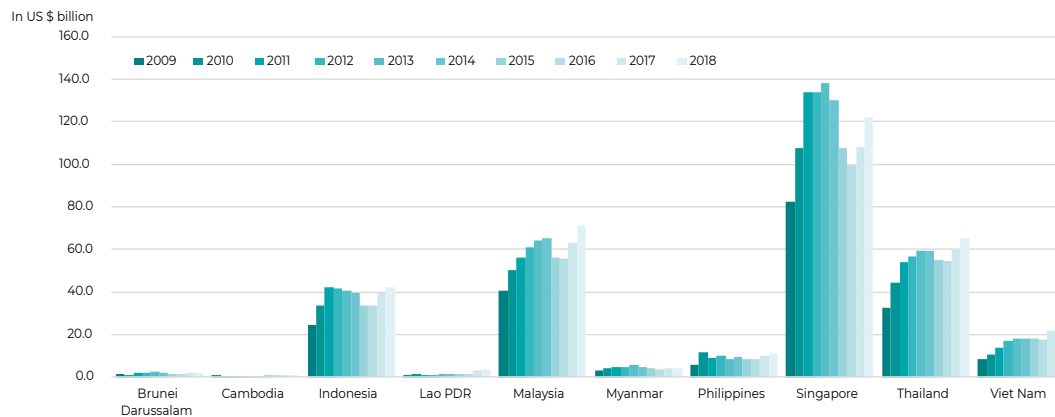


Chart 5.8. ASEAN Total of Intra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018

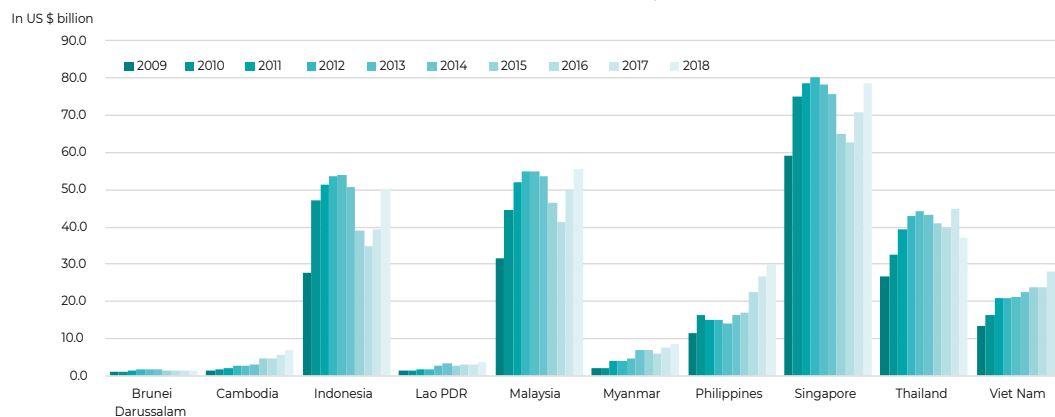


Chart 5.9. Shares of Extra and Intra-ASEAN to ASEAN Total Exports of Goods, 2009-2018

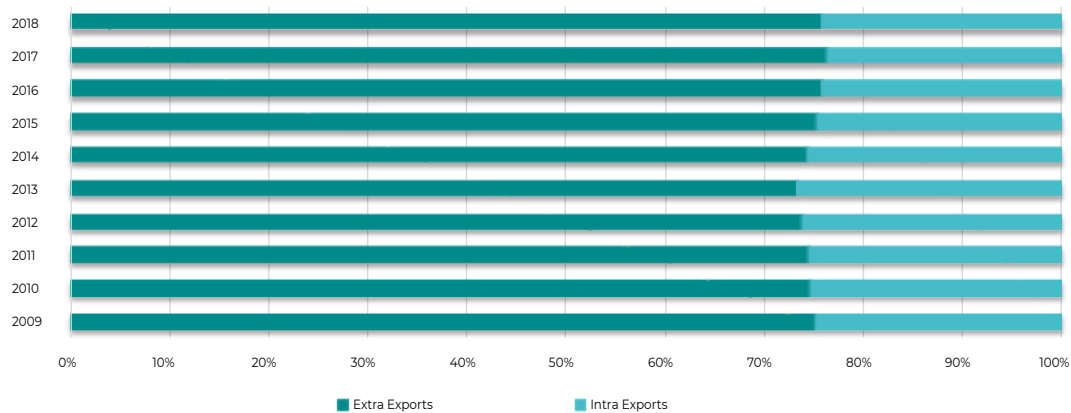


Chart 5.10. Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods, 2009-2018

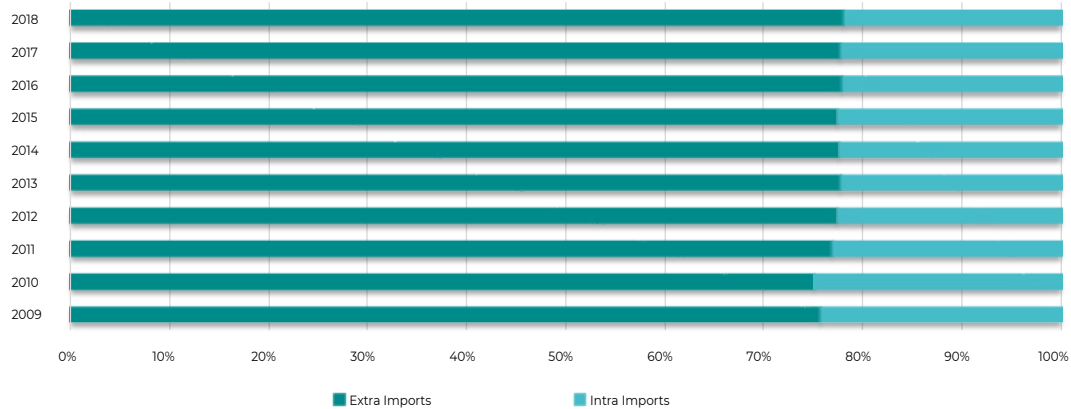


Table 5.10. ASEAN Exports and Imports of Goods by Trading Partner, 2009-2018

(in US\$ Million)

Trading Partner	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EXPORT OF GOODS										
ASEAN	200,235.7	264,398.2	316,017.7	328,023.5	338,613.4	330,209.5	287,106.4	276,778.3	311,882.6	346,462.0
Trading Partner	610,549.8	781,132.7	921,468.3	924,871.0	933,664.2	957,391.6	884,627.2	875,910.1	1,012,895.2	1,089,953.0
Australia	29,048.7	37,960.4	42,686.4	46,013.9	45,238.7	45,147.9	35,790.9	33,083.4	34,588.8	39,210.6
Canada	5,491.9	5,727.8	6,380.3	6,185.6	6,780.6	6,955.7	7,182.4	7,395.0	7,823.3	8,741.3
China	81,511.2	112,512.4	139,912.7	142,362.0	153,111.8	153,656.1	145,291.4	144,175.6	186,993.8	198,955.7
EU-28	92,674.7	114,228.8	129,625.7	123,091.2	122,156.4	129,938.3	127,387.0	130,423.6	157,679.6	160,936.5
India	26,593.3	37,075.6	45,977.0	43,586.5	42,319.1	43,686.3	40,553.4	37,768.5	45,393.3	50,737.1
Japan	78,045.7	102,901.0	127,916.5	127,748.5	122,239.6	119,813.5	101,941.2	96,552.4	105,937.6	114,833.5
Korea, Republic of	34,254.1	45,011.2	54,117.0	55,319.3	52,747.9	51,502.2	45,420.8	45,917.4	56,718.6	60,489.6
New Zealand	3,134.7	4,369.7	4,974.3	5,619.9	5,680.4	6,371.2	5,225.7	4,547.0	5,461.7	6,093.5
Russian Federation	1,659.4	3,402.7	4,668.4	4,843.0	5,198.7	5,369.5	4,268.9	4,782.1	5,865.8	5,959.5
USA	82,012.5	97,984.0	103,001.9	106,272.7	111,780.9	119,213.1	125,442.9	131,074.1	142,473.7	160,283.5
Rest of the World	176,123.7	219,959.2	262,208.1	263,828.7	266,410.0	275,737.8	246,122.5	240,190.9	263,959.1	283,712.3
Total	810,785.5	1,045,530.8	1,237,486.0	1,252,894.6	1,272,277.5	1,287,601.0	1,171,733.6	1,152,688.4	1,324,777.7	1,436,415.0
IMPORT OF GOODS										
ASEAN	176,743.0	238,465.6	266,920.2	277,616.7	279,138.3	277,904.3	248,274.0	239,797.0	277,291.4	304,267.2
Trading Partner	550,267.5	710,834.9	885,325.1	940,566.1	970,121.0	956,573.0	852,854.3	846,115.2	969,213.6	1,084,581.1
Australia	14,929.0	19,438.6	24,756.2	24,364.6	23,736.5	28,141.3	21,701.7	19,795.3	24,504.2	26,958.7
Canada	3,536.1	4,726.8	5,899.4	5,746.5	6,283.0	5,853.2	5,472.8	5,236.9	5,974.2	7,002.8
China	96,537.9	121,783.3	153,190.2	174,621.9	195,212.8	208,988.5	218,205.4	224,518.2	253,945.7	284,809.0
EU-28	78,642.0	88,571.4	108,775.4	117,616.5	121,739.8	115,338.5	103,268.1	103,140.8	103,092.8	127,288.8
India	12,577.9	19,589.6	28,168.1	27,546.4	25,850.1	24,149.5	19,612.3	20,828.9	28,274.9	30,329.6
Japan	82,910.4	115,799.1	128,081.8	136,286.6	117,702.7	108,672.4	100,858.9	105,855.5	112,860.2	116,881.9
Korea, Republic of	40,467.7	56,733.2	70,286.4	75,655.1	81,652.2	79,422.5	75,145.9	78,537.4	98,117.5	101,025.0
New Zealand	2,236.7	3,235.0	4,064.8	3,663.5	4,103.0	4,327.1	3,527.3	3,352.6	4,043.4	4,228.6
Russian Federation	5,096.8	9,264.2	12,134.7	13,248.3	14,726.4	17,155.4	9,700.1	7,174.5	10,882.4	14,046.8
USA	66,655.2	81,235.7	92,876.8	91,814.1	91,346.6	90,077.4	85,139.6	80,732.9	91,352.8	102,739.6
Rest of the World	146,677.8	190,458.1	257,091.4	270,002.7	287,767.8	274,447.2	210,222.3	196,942.3	236,165.6	269,270.4
Total	727,010.5	949,300.5	1,152,245.3	1,218,182.7	1,249,259.3	1,234,477.3	1,101,128.3	1,085,912.3	1,246,505.0	1,388,848.3

Source:
ASEAN Secretariat

Table 5.11. ASEAN Balance of Trade¹⁾ in Goods by Trading Partner, 2009-2018

(in US\$ Million)

Trading Partner	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Trade Balance (X-M)										
ASEAN	23,492.7	25,932.6	49,097.5	50,406.9	59,475.1	52,305.1	38,832.4	36,981.2	34,591.1	42,194.9
Trading Partner	60,282.3	70,297.8	36,143.1	-15,695.0	-36,456.8	818.6	31,772.9	29,794.9	43,681.6	5,371.9
Australia	14,119.7	18,521.9	17,930.2	21,649.3	21,502.3	17,006.6	14,089.2	13,288.1	10,084.6	12,251.9
Canada	1,955.8	1,001.1	480.9	439.1	497.6	1,102.5	1,709.7	2,158.1	1,849.1	1,738.5
China	-15,026.7	-9,270.9	-13,277.5	-32,260.0	-42,101.0	-55,332.5	-72,914.0	-80,342.6	-66,951.9	-85,853.3
EU-28	14,032.7	25,657.3	20,850.4	5,474.6	416.6	14,599.8	24,118.9	27,282.9	54,586.8	33,647.7
India	14,015.4	17,486.1	17,808.9	16,040.1	16,469.0	19,536.8	20,941.2	16,939.6	17,118.5	20,407.5
Japan	-4,864.7	-12,898.1	-165.4	-8,538.0	4,536.9	11,141.1	1,082.3	-9,303.0	-6,922.5	-2,048.3
Korea, Republic of	-6,213.6	-11,722.0	-16,169.4	-20,335.7	-28,904.4	-27,920.3	-29,725.0	-32,620.0	-41,399.0	-40,535.4
New Zealand	898.0	1,134.7	909.5	1,956.5	1,577.3	2,044.2	1,698.4	1,194.4	1,418.3	1,864.9
Russian Federation	-3,437.5	-5,861.5	-7,466.3	-8,405.3	-9,527.7	-11,785.9	-5,431.2	-2,392.4	-5,016.6	-8,087.4
USA	15,357.3	16,748.3	10,125.1	14,458.6	20,434.4	29,135.7	40,303.3	50,341.2	51,120.9	57,543.9
Rest of the World	29,446.0	29,501.1	5,116.7	-6,174.0	-21,357.9	1,290.7	35,900.2	43,248.6	27,793.4	14,442.0
Total	83,775.0	96,230.4	85,240.7	34,711.8	23,018.2	53,123.7	70,605.3	66,776.1	78,272.7	47,566.7

Source:
ASEAN Secretariat

Note:
1) Balance of trade is the difference between the value of exports and value of imports.

Table 5.12. ASEAN Top Ten Destinations of Exports of Goods, 2017-2018

2017		
Country	Value ¹⁾	Share (%)
ASEAN	311,882.6	23.5
China	186,993.8	14.1
EU-28	157,679.6	11.9
United states	142,473.7	10.8
Japan	105,937.6	8.0
Hong Kong	88,828.5	6.7
Korea, Republic of	56,718.6	4.3
India	45,393.3	3.4
Taiwan, Province of China	35,654.0	2.7
Australia	34,588.8	2.6
Top Ten Countries	1,166,150.4	88.0
Others	158,627.3	12.0
TOTAL	1,324,777.7	100.0

Source:
ASEAN Secretariat

2018		
Country	Value ¹⁾	Share (%)
ASEAN	346,462.0	24.1
China	198,955.7	13.9
EU-28	160,936.5	11.2
United states	160,283.5	11.2
Japan	114,833.5	8.0
Hong Kong	100,226.5	7.0
Korea, Republic of	60,489.6	4.2
India	50,737.0	3.5
Taiwan, Province of China	39,736.8	2.8
Australia	39,210.6	2.7
Top Ten Countries	1,271,871.8	88.5
Others	164,543.2	11.5
TOTAL	1,436,415.0	100.0

Note:
1) Value is in US\$ million

Table 5.13. ASEAN Top Ten Origins of Imports of Goods, 2017-2018

2017		
Country	Value ¹⁾	Share (%)
ASEAN	277,291.4	22.2
China	253,945.7	20.4
Japan	112,860.2	9.1
EU-28	103,092.8	8.3
Korea, Republic of	98,117.5	7.9
United states	91,352.8	7.3
Taiwan, Province of China	70,301.9	5.6
India	28,274.8	2.3
Australia	24,504.2	2.0
Saudi Arabia	23,643.8	1.9
Top Ten Countries	1,083,385.1	86.9
Others	163,120.0	13.1
TOTAL	1,246,505.0	100.0

Source:
ASEAN Secretariat

2018		
Country	Value ¹⁾	Share (%)
ASEAN	304,267.2	21.9
China	284,809.0	20.5
EU-28	127,288.8	9.2
Japan	116,881.9	8.4
United states	102,739.6	7.4
Korea, Republic of	101,025.0	7.3
Taiwan, Province of China	77,629.4	5.6
Saudi Arabia	31,960.9	2.3
India	30,329.6	2.2
Australia	26,958.7	1.9
Top Ten Countries	1,203,890.1	86.7
Others	184,958.2	13.3
TOTAL	1,388,848.3	100.0

Note:
1) Value is in US\$ million

Table 5.14. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	346,356.3	26.1	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	377,595.5	26.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	144,560.2	10.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	161,037.7	11.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	142,461.9	10.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	152,651.3	10.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	45,072.8	3.4	39	Plastics and articles thereof	47,375.4	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	41,872.1	3.2	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	46,988.9	3.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	41,784.9	3.2	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	44,237.6	3.1
39	Plastics and articles thereof	41,638.3	3.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	40,981.3	2.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	39,244.6	3.0	40	Rubber and articles thereof	35,890.6	2.5
40	Rubber and articles thereof	38,254.4	2.9	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	34,697.1	2.4
29	Organic chemicals	28,280.7	2.1	29	Organic chemicals	31,901.3	2.2
Top Ten Commodities		909,525.9	68.7	Top Ten Commodities		973,356.8	67.8
Others		415,251.8	31.3	Others		463,058.2	32.2
Total		1,324,777.7	100.0	Total		1,436,415.0	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.15. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2017 - 2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	296,058.4	23.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	181,265.8	14.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	154,472.8	12.4
39	Plastics and articles thereof	48,979.3	3.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	43,370.0	3.5
72	Iron and steel	42,326.8	3.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	41,425.8	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	34,249.0	2.7
29	Organic chemicals	24,308.3	2.0
73	Iron or steel articles	21,387.2	1.7
Top Ten Commodities		887,843.3	71.2
Others		358,661.7	28.8
Total		1,246,505.0	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	321,586.2	23.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	223,812.7	16.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	166,653.4	12.0
39	Plastics and articles thereof	55,685.6	4.0
72	Iron and steel	49,250.6	3.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	45,610.0	3.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	40,932.8	2.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	36,467.2	2.6
29	Organic chemicals	28,339.5	2.0
73	Iron or steel articles	24,107.1	1.7
Top Ten Commodities		992,445.1	71.5
Others		396,403.2	28.5
Total		1,388,848.3	100.0

Note:
1) Value is in US\$ million

Table 5.16. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	69,962.5	22.4	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	77,958.1	22.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	61,522.6	19.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	70,488.9	20.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	35,830.8	11.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	38,290.3	11.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,195.0	4.6	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,703.6	4.5
39	Plastics and articles thereof	13,564.2	4.3	39	Plastics and articles thereof	14,963.8	4.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,883.3	3.2	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	13,764.4	4.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,540.4	2.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,792.2	2.0
29	Organic chemicals	6,358.2	2.0	29	Organic chemicals	6,738.8	1.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,707.8	1.5	72	Iron and steel	5,714.2	1.6
40	Rubber and articles thereof	4,581.5	1.5	73	Iron or steel articles	4,893.8	1.4
Top Ten Commodities		227,146.1	72.8	Top Ten Commodities		255,308.1	73.7
Others		84,736.5	27.2	Others		91,153.9	26.3
Total		311,882.6	100.0	Total		346,462.0	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.17. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	63,403.5	22.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	74,353.1	24.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	63,045.3	22.7	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	66,540.6	21.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	27,943.3	10.1	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,031.3	9.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,397.7	5.2	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,991.6	5.3
39	Plastics and articles thereof	11,225.6	4.0	39	Plastics and articles thereof	12,762.0	4.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	6,433.9	2.3	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	7,244.3	2.4
29	Organic chemicals	6,193.1	2.2	29	Organic chemicals	6,412.2	2.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,164.5	1.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,302.5	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,331.8	1.6	72	Iron and steel	4,469.3	1.5
40	Rubber and articles thereof	4,191.5	1.5	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,110.7	1.4
Top Ten Commodities		206,330.1	74.4	Top Ten Commodities		226,217.5	74.3
Others		70,961.3	25.6	Others		78,049.7	25.7
Total		277,291.4	100.0	Total		304,267.2	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.18. Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,083.7	23.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,746.7	30.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,219.1	18.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,308.6	16.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,903.8	11.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,859.4	9.8
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	3,104.0	9.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	3,268.4	8.3
39	Plastics and articles thereof	1,321.7	3.8	39	Plastics and articles thereof	1,380.5	3.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	797.5	2.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	862.2	2.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	723.7	2.1	21	Miscellaneous edible preparations	639.7	1.6
21	Miscellaneous edible preparations	656.4	1.9	73	Iron or steel articles	622.1	1.6
40	Rubber and articles thereof	569.7	1.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	606.3	1.5
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	533.9	1.5	40	Rubber and articles thereof	603.1	1.5
Top Ten Commodities		25,913.4	74.9	Top Ten Commodities		29,896.9	76.2
Others		8,675.4	25.1	Others		9,313.7	23.8
Total		34,588.8	100.0	Total		39,210.6	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.19. Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2017-2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,646.9	14.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,842.3	7.5
10	Cereals	1,790.8	7.3
01	Animals; live	970.0	4.0
02	Meat and edible meat offal	891.5	3.6
74	Copper and articles thereof	750.4	3.1
75	Nickel and articles thereof	682.5	2.8
76	Aluminium and articles thereof	669.3	2.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	665.8	2.7
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	640.1	2.6
Top Ten Commodities		12,549.5	51.2
Others		11,954.7	48.8
Total		24,504.2	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,737.0	21.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,553.6	9.5
10	Cereals	2,421.1	9.0
26	Ores, slag and ash	1,283.9	4.8
02	Meat and edible meat offal	979.8	3.6
74	Copper and articles thereof	941.4	3.5
01	Animals; live	828.3	3.1
76	Aluminium and articles thereof	814.5	3.0
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	774.0	2.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	603.9	2.2
Top Ten Commodities		16,937.5	62.8
Others		10,021.2	37.2
Total		26,958.7	100.0

Note:
1) Value is in US\$ million

Table 5.20. Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2017-2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,516.1	19.4
61	Apparel and clothing accessories; knitted or crocheted	996.1	12.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	720.1	9.2
62	Apparel and clothing accessories; not knitted or crocheted	463.5	5.9
40	Rubber and articles thereof	439.0	5.6
64	Footwear; gaiters and the like; parts of such articles	423.6	5.4
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	307.3	3.9
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	285.9	3.7
3	Fish and crustaceans, molluscs and other aquatic invertebrates	247.4	3.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	155.6	2.0
Top Ten Commodities		5,554.4	71.0
Others		2,268.9	29.0
Total		7,823	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,564.9	17.9
61	Apparel and clothing accessories; knitted or crocheted	1,081.1	12.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	851.1	9.7
62	Apparel and clothing accessories; not knitted or crocheted	572.5	6.5
64	Footwear; gaiters and the like; parts of such articles	496.7	5.7
40	Rubber and articles thereof	433.0	5.0
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	313.9	3.6
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	302.1	3.5
3	Fish and crustaceans, molluscs and other aquatic invertebrates	242.3	2.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	204.0	2.3
Top Ten Commodities		6,061.7	69.3
Others		2,679.6	30.7
Total		8,741.3	100.0

Note:
1) Value is in US\$ million

Table 5.21. Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
10	Cereals	807.4	13.5	10	Cereals	916.9	13.1
31	Fertilizers	657.6	11.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	835.7	11.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	631.6	10.6	31	Fertilizers	830.3	11.9
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	563.0	9.4	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	697.0	10.0
88	Aircraft, spacecraft and parts thereof	433.7	7.3	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	449.6	6.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	371.1	6.2	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	366.9	5.2
44	Wood and articles of wood; wood charcoal	209.6	3.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	341.2	4.9
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	192.4	3.2	88	Aircraft, spacecraft and parts thereof	282.3	4.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	180.6	3.0	44	Wood and articles of wood; wood charcoal	254.4	3.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	169.8	2.8	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	193.8	2.8
Top Ten Commodities		4,216.7	70.6	Top Ten Commodities		5,168.2	73.8
Others		1,757.5	29.4	Others		1,834.6	26.2
Total		5,974.2	100.0	Total		7,002.8	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.22. Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	51,238.8	27.4	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	54,039.7	27.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	22,411.0	12.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	22,618.9	11.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	14,654.5	7.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	15,072.5	7.6
40	Rubber and articles thereof	11,402.5	6.1	39	Plastics and articles thereof	12,497.6	6.3
39	Plastics and articles thereof	9,771.1	5.2	29	Organic chemicals	9,023.6	4.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,556.5	4.6	40	Rubber and articles thereof	8,943.6	4.5
29	Organic chemicals	6,258.0	3.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,358.1	4.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,234.3	2.8	8	Fruit and nuts, edible; peel of citrus fruit or melons	4,795.0	2.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,797.2	2.6	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,594.1	2.3
8	Fruit and nuts, edible; peel of citrus fruit or melons	4,381.7	2.3	26	Ores, slag and ash	4,365.4	2.2
Top Ten Commodities		138,705.4	74.2	Top Ten Commodities		144,308.6	72.5
Others		48,288.4	25.8	Others		54,647.1	27.5
Total		186,993.8	100.0	Total		198,955.7	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.23. Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	77,974.1	30.7	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	85,521.3	30.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	42,923.1	16.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	47,605.2	16.7
72	Iron and steel	13,644.8	5.4	72	Iron and steel	14,922.0	5.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,741.1	4.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,660.6	4.8
39	Plastics and articles thereof	9,706.6	3.8	39	Plastics and articles thereof	10,853.8	3.8
73	Iron or steel articles	8,141.6	3.2	73	Iron or steel articles	9,792.3	3.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,495.0	2.2	29	Organic chemicals	5,894.7	2.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,966.6	2.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,447.5	1.9
29	Organic chemicals	4,946.9	1.9	60	Fabrics; knitted or crocheted	5,352.8	1.9
60	Fabrics; knitted or crocheted	4,715.3	1.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,262.4	1.8
Top Ten Commodities		183,255.0	72.2	Top Ten Commodities		204,312.6	71.7
Others		70,690.7	27.8	Others		80,496.4	28.3
Total		253,945.7	100.0	Total		284,809.0	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.24. Top Ten Goods Exported from ASEAN to EU-28 by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	42,882.5	27.2	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	46,693.5	29.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,332.9	12.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,198.0	13.2
64	Footwear; gaiters and the like; parts of such articles	7,267.7	4.6	64	Footwear; gaiters and the like; parts of such articles	7,483.4	4.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,852.6	4.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,690.5	4.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,949.6	3.8	62	Apparel and clothing accessories; not knitted or crocheted	6,327.9	3.9
61	Apparel and clothing accessories; knitted or crocheted	5,862.2	3.7	61	Apparel and clothing accessories; knitted or crocheted	6,119.7	3.8
29	Organic chemicals	5,692.3	3.6	29	Organic chemicals	5,522.9	3.4
62	Apparel and clothing accessories; not knitted or crocheted	5,096.1	3.2	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,858.6	3.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,880.9	3.1	99	Other products	4,773.1	3.0
40	Rubber and articles thereof	4,697.6	3.0	40	Rubber and articles thereof	4,630.3	2.9
Top Ten Commodities		109,514.4	69.5	Top Ten Commodities		114,297.9	71.0
Others		48,165.2	30.5	Others		46,638.6	29.0
Total		157,679.6	100.0	Total		160,936.5	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.25. Top Ten Goods Imported to ASEAN from EU-28 by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,984.4	20.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	24,506.5	19.3
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	15,417.9	15.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	19,795.5	15.6
88	Aircraft, spacecraft and parts thereof	6,604.4	6.4	88	Aircraft, spacecraft and parts thereof	11,066.1	8.7
30	Pharmaceutical products	5,728.6	5.6	30	Pharmaceutical products	6,425.8	5.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,472.0	5.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,300.4	4.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,105.0	5.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,227.4	4.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,584.2	4.4	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,009.1	4.7
39	Plastics and articles thereof	2,664.5	2.6	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,705.4	2.9
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,659.3	2.6	39	Plastics and articles thereof	3,137.8	2.5
29	Organic chemicals	2,191.7	2.1	22	Beverages, spirits and vinegar	2,935.2	2.3
Top Ten Commodities		71,412.0	69.3	Top Ten Commodities		90,109.2	70.8
Others		31,680.8	30.7	Others		37,179.6	29.2
Total		103,092.8	100.0	Total		127,288.8	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.26. Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,541.1	16.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,942.0	17.6
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,555.2	14.4	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	8,817.9	17.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	6,101.7	13.4	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,181.9	10.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,228.0	9.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,669.1	9.2
29	Organic chemicals	2,366.3	5.2	29	Organic chemicals	2,651.5	5.2
39	Plastics and articles thereof	2,198.1	4.8	39	Plastics and articles thereof	2,360.9	4.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery, coin	1,488.9	3.3	74	Copper and articles thereof	1,549.7	3.1
74	Copper and articles thereof	1,428.0	3.1	72	Iron and steel	1,436.5	2.8
40	Rubber and articles thereof	1,149.2	2.5	40	Rubber and articles thereof	1,387.3	2.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	985.0	2.2	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery, coin	1,206.6	2.4
Top Ten Commodities		34,041.4	75.0	Top Ten Commodities		38,203.2	75.3
Others		11,352.0	25.0	Others		12,533.8	24.7
Total		45,393.3	100.0	Total		50,737.1	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.27. Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,265.3	25.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,993.7	23.1
72	Iron and steel	2,362.3	8.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,531.9	8.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,890.7	6.7	29	Organic chemicals	2,211.8	7.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,728.0	6.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,786.0	5.9
29	Organic chemicals	1,486.0	5.3	72	Iron and steel	1,559.1	5.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,206.5	4.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,420.4	4.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,085.0	3.8	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,217.7	4.0
30	Pharmaceutical products	1,014.4	3.6	30	Pharmaceutical products	1,052.3	3.5
2	Meat and edible meat offal	778.8	2.8	2	Meat and edible meat offal	944.5	3.1
3	Fish and crustaceans, molluscs and other aquatic invertebrates	713.1	2.5	52	Cotton	944.5	3.1
Top Ten Commodities		19,530.1	69.1	Top Ten Commodities		20,661.9	68.1
Others		8,744.8	30.9	Others		9,667.7	31.9
Total		28,274.9	100.0	Total		30,329.6	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.28. Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	24,663.2	23.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	27,053.2	23.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	14,335.5	13.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,312.2	2.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,019.8	9.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	22,780.6	19.8
39	Plastics and articles thereof	4,076.8	3.8	39	Plastics and articles thereof	5,798.0	5.0
44	Wood and articles of wood; wood charcoal	3,623.3	3.4	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,508.4	3.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,559.7	3.4	62	Apparel and clothing accessories; not knitted or crocheted	46.7	0.0
62	Apparel and clothing accessories; not knitted or crocheted	2,836.7	2.7	61	Apparel and clothing accessories; knitted or crocheted	55.4	0.0
61	Apparel and clothing accessories; knitted or crocheted	2,777.5	2.6	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,019.6	10.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,738.3	2.6	44	Wood and articles of wood; wood charcoal	122.0	0.1
40	Rubber and articles thereof	2,575.5	2.4	16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	30.4	0.0
Top Ten Commodities		71,206.3	67.2	Top Ten Commodities		74,726.5	65.1
Others		34,731.4	32.8	Others		40,107.1	34.9
Total		105,937.6	100.0	Total		114,833.5	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.29. Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	25,203.9	22.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	27,053.2	23.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	23,018.5	20.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	22,780.6	19.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	11,833.1	10.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,019.6	10.3
72	Iron and steel	9,126.8	8.1	72	Iron and steel	9,996.9	8.6
39	Plastics and articles thereof	5,692.8	5.0	39	Plastics and articles thereof	5,798.0	5.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,419.8	3.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,508.4	3.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,951.7	3.5	73	Iron or steel articles	3,968.5	3.4
73	Iron or steel articles	3,825.9	3.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,850.3	3.3
74	Copper and articles thereof	2,290.8	2.0	74	Copper and articles thereof	2,467.3	2.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,263.2	2.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,312.2	2.0
Top Ten Commodities		91,626.3	81.2	Top Ten Commodities		94,755.0	81.1
Others		21,233.8	18.8	Others		22,126.9	18.9
Total		112,860.2	100.0	Total		116,881.9	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.30. Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	18,324.7	32.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	17,616.5	29.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,770.8	13.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,158.6	13.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,785.4	10.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,333.4	8.8
62	Apparel and clothing accessories; not knitted or crocheted	2,169.7	3.8	62	Apparel and clothing accessories; not knitted or crocheted	2,784.1	4.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,884.2	3.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,645.8	4.4
44	Wood and articles of wood; wood charcoal	1,325.7	2.3	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	1,803.6	3.0
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	1,291.2	2.3	44	Wood and articles of wood; wood charcoal	1,700.0	2.8
61	Apparel and clothing accessories; knitted or crocheted	1,148.4	2.0	72	Iron and steel	1,444.3	2.4
38	Chemical products n.e.c.	1,081.5	1.9	61	Apparel and clothing accessories; knitted or crocheted	1,391.7	2.3
40	Rubber and articles thereof	1,036.8	1.8	38	Chemical products n.e.c.	1,179.7	2.0
Top Ten Commodities		41,818.3	73.7	Top Ten Commodities		44,057.8	72.8
Others		14,900.3	26.3	Others		16,431.8	27.2
Total		56,718.6	100.0	Total		60,489.6	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.31. Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	41,804.9	42.6	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	43,553.4	43.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	9,263.1	9.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,521.5	10.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,544.9	8.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,326.7	7.3
39	Plastics and articles thereof	5,463.3	5.6	39	Plastics and articles thereof	6,033.7	6.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,878.6	5.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,009.7	5.0
72	Iron and steel	4,476.0	4.6	72	Iron and steel	4,663.0	4.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,075.0	2.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,847.2	1.8
40	Rubber and articles thereof	1,623.7	1.7	40	Rubber and articles thereof	1,587.6	1.6
73	Iron or steel articles	1,417.8	1.4	60	Fabrics; knitted or crocheted	1,525.5	1.5
60	Fabrics; knitted or crocheted	1,395.4	1.4	29	Organic chemicals	1,523.4	1.5
Top Ten Commodities		80,942.7	82.5	Top Ten Commodities		83,591.7	82.7
Others		17,174.8	17.5	Others		17,433.3	17.3
Total		98,117.5	100.0	Total		101,025.0	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.32. Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,194.3	21.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,390.6	22.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	989.0	18.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	918.0	15.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	544.7	10.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	854.8	14.0
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	508.1	9.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	533.7	8.8
39	Plastics and articles thereof	305.8	5.6	39	Plastics and articles thereof	282.4	4.6
23	Food industries, residues and wastes thereof; prepared animal fodder	205.9	3.8	23	Food industries, residues and wastes thereof; prepared animal fodder	247.7	4.1
21	Miscellaneous edible preparations	105.0	1.9	88	Aircraft, spacecraft and parts thereof	151.2	2.5
88	Aircraft, spacecraft and parts thereof	99.4	1.8	21	Miscellaneous edible preparations	116.2	1.9
40	Rubber and articles thereof	96.0	1.8	40	Rubber and articles thereof	108.8	1.8
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	92.6	1.7	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	100.2	1.6
Top Ten Commodities		4,140.6	75.8	Top Ten Commodities		4,703.7	77.2
Others		1,321.1	24.2	Others		1,389.8	22.8
Total		5,461.7	100.0	Total		6,093.5	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.33. Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
4	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,992.1	49.3	4	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,069.7	48.9
2	Meat and edible meat offal	223.9	5.5	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	234.3	5.5
44	Wood and articles of wood; wood charcoal	183.7	4.5	2	Meat and edible meat offal	207.6	4.9
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	176.2	4.4	44	Wood and articles of wood; wood charcoal	200.6	4.7
8	Fruit and nuts, edible; peel of citrus fruit or melons	168.7	4.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	180.8	4.3
97	Works of art; collectors' pieces and antiques	148.1	3.7	8	Fruit and nuts, edible; peel of citrus fruit or melons	164.4	3.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	125.7	3.1	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	107.8	2.5
35	Albuminoidal substances; modified starches; glues; enzymes	89.5	2.2	35	Albuminoidal substances; modified starches; glues; enzymes	107.4	2.5
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	79.4	2.0	72	Iron and steel	105.0	2.5
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	73.6	1.8	21	Miscellaneous edible preparations	87.4	2.1
Top Ten Commodities		3,260.8	80.6	Top Ten Commodities		3,464.8	81.9
Others		782.5	19.4	Others		763.8	18.1
Total		4,043.4	100.0	Total		4,228.6	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.34. Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2017-2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,891.4	32.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	665.9	11.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	579.9	9.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	447.3	7.6
40	Rubber and articles thereof	263.7	4.5
9	Coffee, tea, mate and spices	228.6	3.9
64	Footwear; gaiters and the like; parts of such articles	169.2	2.9
61	Apparel and clothing accessories; knitted or crocheted	138.4	2.4
62	Apparel and clothing accessories; not knitted or crocheted	115.5	2.0
3	Fish and crustaceans, molluscs and other aquatic invertebrates	113.9	1.9
Top Ten Commodities		4,613.7	78.7
Others		1,252.1	21.3
Total		5,865.8	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,958.1	32.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	583.3	9.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	490.7	8.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	429.6	7.2
40	Rubber and articles thereof	275.2	4.6
9	Coffee, tea, mate and spices	198.2	3.3
64	Footwear; gaiters and the like; parts of such articles	187.7	3.1
61	Apparel and clothing accessories; knitted or crocheted	140.1	2.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	130.6	2.2
62	Apparel and clothing accessories; not knitted or crocheted	129.4	2.2
Top Ten Commodities		4,522.9	75.9
Others		1,436.6	24.1
Total		5,959.5	100.0

Note:
1) Value is in US\$ million

Table 5.35. Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2017-2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,004.1	64.4
72	Iron and steel	1,171.4	10.8
31	Fertilizers	758.8	7.0
10	Cereals	590.6	5.4
76	Aluminium and articles thereof	205.8	1.9
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	134.7	1.2
3	Fish and crustaceans, molluscs and other aquatic invertebrates	117.4	1.1
40	Rubber and articles thereof	109.7	1.0
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	93.2	0.9
25	Salt; sulphur; earths, stone; plastering materials, lime and cement	82.0	0.8
Top Ten Commodities		10,267.6	94.4
Others		614.7	5.6
Total		10,882.4	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,493.0	60.5
72	Iron and steel	2,079.1	14.8
10	Cereals	1,210.6	8.6
31	Fertilizers	791.6	5.6
76	Aluminium and articles thereof	225.3	1.6
3	Fish and crustaceans, molluscs and other aquatic invertebrates	140.4	1.0
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	105.1	0.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	104.1	0.7
40	Rubber and articles thereof	96.7	0.7
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	94.3	0.7
Top Ten Commodities		13,340.2	95.0
Others		706.6	5.0
Total		14,046.8	100.0

Note:
1) Value is in US\$ million

Table 5.36. Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2017-2018

2017			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	36,273.2	25.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,445.8	15.1
61	Apparel and clothing accessories; knitted or crocheted	12,407.5	8.7
62	Apparel and clothing accessories; not knitted or crocheted	7,991.3	5.6
40	Rubber and articles thereof	6,948.5	4.9
64	Footwear; gaiters and the like; parts of such articles	6,756.3	4.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,297.1	4.4
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	5,366.7	3.8
3	Fish and crustaceans, molluscs and other aquatic invertebrates	2,841.3	2.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	2,383.8	1.7
Top Ten Commodities		108,711.7	76.3
Others		33,762.0	23.7
Total		142,473.7	100.0

Source:
ASEAN Secretariat

2018			
HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	39,626.2	24.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	23,372.5	14.6
61	Apparel and clothing accessories; knitted or crocheted	13,514.6	8.4
62	Apparel and clothing accessories; not knitted or crocheted	8,856.9	5.5
64	Footwear; gaiters and the like; parts of such articles	7,633.7	4.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,358.5	4.6
40	Rubber and articles thereof	7,320.6	4.6
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	5,997.0	3.7
21	Miscellaneous edible preparations	3,374.6	2.1
3	Fish and crustaceans, molluscs and other aquatic invertebrates	2,681.8	1.7
Top Ten Commodities		119,736.4	74.7
Others		40,547.1	25.3
Total		160,283.5	100.0

Note:
1) Value is in US\$ million

Table 5.37. Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2017-2018

2017				2018			
HS	Commodities	Value ¹⁾	Share (%)	HS	Commodities	Value ¹⁾	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	20,114.3	22.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,254.1	20.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,345.8	19.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	19,960.2	19.4
88	Aircraft, spacecraft and parts thereof	7,817.6	8.6	88	Aircraft, spacecraft and parts thereof	8,939.2	8.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,952.3	6.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,021.0	5.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,772.3	4.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,683.2	5.5
39	Plastics and articles thereof	3,109.9	3.4	39	Plastics and articles thereof	3,889.8	3.8
38	Chemical products n.e.c.	2,653.8	2.9	23	Food industries, residues and wastes thereof; prepared animal fodder	3,096.8	3.0
23	Food industries, residues and wastes thereof; prepared animal fodder	2,238.7	2.5	52	Cotton	2,617.8	2.5
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,172.4	2.4	38	Chemical products n.e.c.	2,586.0	2.5
52	Cotton	2,068.9	2.3	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,509.5	2.4
Ten Major Commodities		67,245.8	73.6	Ten Major Commodities		76,557.5	74.5
Others		24,107.0	26.4	Others		26,182.2	25.5
Total		91,352.8	100.0	Total		102,739.6	100.0

Source:
ASEAN Secretariat

Note:
1) Value is in US\$ million

Table 5.38. Top Ten Intra-ASEAN Trade in Goods, 2018

Exports					Imports				
HS	Commodities	To ASEAN (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From ASEAN (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	77,958.1	377,595.5	20.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	74,353.1	223,812.7	33.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	70,488.9	161,037.7	43.8	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	66,540.6	321,586.2	20.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	38,290.3	152,651.3	25.1	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,031.3	166,653.4	17.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,703.6	46,988.9	33.4	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,991.6	45,610.0	35.1
39	Plastics and articles thereof	14,963.8	47,375.4	31.6	39	Plastics and articles thereof	12,762.0	55,685.6	22.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	13,764.4	40,981.3	33.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	7,244.3	40,932.8	17.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,792.2	44,237.6	15.4	29	Organic chemicals	6,412.2	28,339.5	22.6
29	Organic chemicals	6,738.8	31,901.3	21.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,302.5	36,467.2	14.5
72	Iron and steel	5,714.2	17,555.3	32.5	72	Iron and steel	4,469.3	49,250.6	9.1
73	Iron or steel articles	4,893.8	14,230.8	34.4	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,110.7	5,458.3	75.3
	Top Ten Exports	255,308.1	934,555.1	27.3		Top Ten Imports	226,217.5	973,796.3	23.2
	Others	91,153.9	501,859.9	18.2		Others	78,049.7	415,052.0	18.8
	Total Exports	346,462.0	1,436,415.0	24.1		Total Imports	304,267.2	1,388,848.3	21.9

Source:
ASEAN Secretariat

Table 5.39. Top Ten Traded Goods between Australia and ASEAN, 2018

Exports					Imports				
HS	Commodities	To Australia (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Australia (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,746.7	161,037.7	7.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,737.0	223,812.7	2.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,308.6	46,988.9	13.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,553.6	40,932.8	6.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,859.4	152,651.3	2.5	10	Cereals	2,421.1	13,277.8	18.2
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	3,268.4	377,595.5	0.9	26	Ores, slag and ash	1,283.9	6,042.4	21.2
39	Plastics and articles thereof	1,380.5	47,375.4	2.9	02	Meat and edible meat offal	979.8	4,579.0	21.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	862.2	44,237.6	1.9	74	Copper and articles thereof	941.4	13,665.0	6.9
21	Miscellaneous edible preparations	639.7	10,678.2	6.0	01	Animals; live	828.3	1,558.2	53.2
73	Iron or steel articles	622.1	14,230.8	4.4	76	Aluminium and articles thereof	814.5	15,821.0	5.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	606.3	40,981.3	1.5	28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	774.0	10,065.3	7.7
40	Rubber and articles thereof	603.1	35,890.6	1.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	603.9	166,653.4	0.4
	Top Ten Exports	29,896.9	931,667.3	3.2		Top Ten Imports	16,937.5	496,407.6	3.4
	Others	9,313.7	504,747.7	1.8		Others	10,021.2	892,440.6	1.1
	Total Exports	39,210.6	1,436,415.0	2.7		Total Imports	26,958.7	1,388,848.3	1.9

Source:
ASEAN Secretariat

Table 5.40. Top Ten Traded Goods between Canada and ASEAN, 2018

Exports					Imports				
HS	Commodities	To Canada (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Canada (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,564.9	377,595.5	0.4	10	Cereals	916.9	13,277.8	6.9
61	Apparel and clothing accessories; knitted or crocheted	1,081.1	29,286.1	3.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	835.7	166,653.4	0.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	851.1	152,651.3	0.6	31	Fertilizers	830.3	7,155.7	11.6
62	Apparel and clothing accessories; not knitted or crocheted	572.5	25,629.5	2.2	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	697.0	4,108.7	17.0
64	Footwear; gaiters and the like; parts of such articles	496.7	24,799.8	2.0	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	449.6	40,932.8	1.1
40	Rubber and articles thereof	433.0	35,890.6	1.2	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	366.9	321,586.2	0.1
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	313.9	10,681.9	2.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	341.2	223,812.7	0.2
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	302.1	14,184.3	2.1	88	Aircraft, spacecraft and parts thereof	282.3	23,369.8	1.2
3	Fish and crustaceans, molluscs and other aquatic invertebrates	242.3	13,564.1	1.8	44	Wood and articles of wood; wood charcoal	254.4	5,324.0	4.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	204.0	46,988.9	0.4	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	193.8	4,700.0	4.1
Top Ten Exports		6,061.7	731,271.9	0.8	Top Ten Imports		5,168.2	810,921.2	0.6
Others		2,679.6	705,143.0	0.4	Others		1,834.6	577,927.1	0.3
Total Exports		8,741.3	1,436,415.0	0.6	Total Imports		7,002.8	1,388,848.3	0.5

Source:
ASEAN Secretariat

Table 5.41. Top Ten Traded Goods between China and ASEAN, 2018

Exports					Imports				
HS	Commodities	To China (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From China (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	54,039.7	377,595.5	14.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	85,521.3	321,586.2	26.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	22,618.9	161,037.7	14.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	47,605.2	166,653.4	28.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	15,072.5	152,651.3	9.9	72	Iron and steel	14,922.0	49,250.6	30.3
39	Plastics and articles thereof	12,497.6	47,375.4	26.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,660.6	223,812.7	6.1
29	Organic chemicals	9,023.6	31,901.3	28.3	39	Plastics and articles thereof	10,853.8	55,685.6	19.5
40	Rubber and articles thereof	8,943.6	35,890.6	24.9	73	Iron or steel articles	9,792.3	24,107.1	40.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,358.1	44,237.6	18.9	29	Organic chemicals	5,894.7	28,339.5	20.8
8	Fruit and nuts, edible; peel of citrus fruit or melons	4,795.0	12,275.6	39.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,447.5	36,467.2	14.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,594.1	34,697.1	13.2	60	Fabrics; knitted or crocheted	5,352.8	10,333.4	51.8
26	Ores, slag and ash	4,365.4	8,830.5	49.4	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,262.4	45,610.0	11.5
Top Ten Exports		144,308.6	906,492.6	15.9	Top Ten Imports		204,312.6	961,845.7	21.2
Others		54,647.1	529,922.4	10.3	Others		80,496.4	427,002.6	18.9
Total Exports		198,955.7	1,436,415.0	13.9	Total Imports		284,809.0	1,388,848.3	20.5

Source:
ASEAN Secretariat

Table 5.42. Top Ten Traded Goods between EU-28 and ASEAN, 2018

Exports					Imports				
HS	Commodities	To EU-28 (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From EU-28 (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	46,693.5	377,595.5	12.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	24,506.5	166,653.4	14.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,198.0	152,651.3	13.9	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	19,795.5	321,586.2	6.2
64	Footwear; gaiters and the like; parts of such articles	7,483.4	24,799.8	30.2	88	Aircraft, spacecraft and parts thereof	11,066.1	23,369.8	47.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,690.5	44,237.6	15.1	30	Pharmaceutical products	6,425.8	13,053.5	49.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,327.9	34,697.1	18.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,300.4	223,812.7	2.8
61	Apparel and clothing accessories; knitted or crocheted	6,119.7	29,286.1	20.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,227.4	45,610.0	13.7
29	Organic chemicals	5,522.9	31,901.3	17.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,009.1	36,467.2	16.5
62	Apparel and clothing accessories; not knitted or crocheted	4,858.6	25,629.5	19.0	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,705.4	10,659.5	34.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,773.1	46,988.9	10.2	39	Plastics and articles thereof	3,137.8	55,685.6	5.6
40	Rubber and articles thereof	4,630.3	35,890.6	12.9	22	Beverages, spirits and vinegar	2,935.2	5,847.9	50.2
	Top Ten Exports	114,297.9	803,677.7	14.2		Top Ten Imports	90,109.2	902,745.8	10.0
	Others	46,638.6	632,737.3	7.4		Others	37,179.6	486,102.5	7.6
	Total Exports	160,936.5	1,436,415.0	11.2		Total Imports	127,288.8	1,388,848.3	9.2

Source:
ASEAN Secretariat

Table 5.43. Top Ten Traded Goods between India and ASEAN, 2018

Exports					Imports				
HS	Commodities	To India (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From India (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,942.0	161,037.7	5.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,993.7	223,812.7	3.1
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	8,817.9	377,595.5	2.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,531.9	166,653.4	1.5
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,181.9	34,697.1	14.9	29	Organic chemicals	2,211.8	28,339.5	7.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,669.1	152,651.3	3.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,786.0	40,932.8	4.4
29	Organic chemicals	2,651.5	31,901.3	8.3	72	Iron and steel	1,559.1	49,250.6	3.2
39	Plastics and articles thereof	2,360.9	47,375.4	5.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,420.4	45,610.0	3.1
74	Copper and articles thereof	1,549.7	12,353.9	12.5	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,217.7	321,586.2	0.4
72	Iron and steel	1,436.5	17,555.3	8.2	30	Pharmaceutical products	1,052.3	13,053.5	8.1
40	Rubber and articles thereof	1,387.3	35,890.6	3.9	2	Meat and edible meat offal	944.5	4,579.0	20.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,206.6	40,981.3	2.9	52	Cotton	944.5	9,659.2	9.8
	Top Ten Exports	38,203.2	912,039.5	4.2		Top Ten Imports	20,661.9	903,477.0	2.3
	Others	12,533.8	524,375.4	2.4		Others	9,667.7	485,371.3	2.0
	Total Exports	50,737.1	1,436,415.0	3.5		Total Imports	30,329.6	1,388,848.3	2.2

Source:
ASEAN Secretariat

Table 5.44. Top Ten Traded Goods between Japan and ASEAN, 2018

Exports					Imports				
HS	Commodities	To Japan (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Japan (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	27,053.2	377,595.5	7.2	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	27,053.2	321,586.2	8.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,312.2	161,037.7	1.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	22,780.6	166,653.4	13.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	22,780.6	152,651.3	14.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,019.6	45,610.0	26.4
39	Plastics and articles thereof	5,798.0	47,375.4	12.2	72	Iron and steel	9,996.9	49,250.6	20.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,508.4	44,237.6	10.2	39	Plastics and articles thereof	5,798.0	55,685.6	10.4
62	Apparel and clothing accessories; not knitted or crocheted	46.7	25,629.5	0.2	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,508.4	36,467.2	12.4
61	Apparel and clothing accessories; knitted or crocheted	55.4	29,286.1	0.2	73	Iron or steel articles	3,968.5	24,107.1	16.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,019.6	46,988.9	25.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,850.3	40,932.8	9.4
44	Wood and articles of wood; wood charcoal	122.0	14,791.0	0.8	74	Copper and articles thereof	2,467.3	13,665.0	18.1
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	30.4	10,681.9	0.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,312.2	223,812.7	1.0
	Top Ten Exports	74,726.5	910,274.8	8.2		Top Ten Imports	94,755.0	977,770.6	9.7
	Others	40,107.1	526,140.1	7.6		Others	22,126.9	411,077.7	5.4
	Total Exports	114,833.5	1,436,415.0	8.0		Total Imports	116,881.9	1,388,848.3	8.4

Source:
ASEAN Secretariat

Table 5.45. Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2018

Exports					Imports				
HS	Commodities	To ROK (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From ROK (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	17,616.5	377,595.5	4.7	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	43,553.4	321,586.2	13.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,158.6	161,037.7	5.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,521.5	223,812.7	4.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,333.4	152,651.3	3.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,326.7	166,653.4	4.4
62	Apparel and clothing accessories; not knitted or crocheted	2,784.1	25,629.5	10.9	39	Plastics and articles thereof	6,033.7	55,685.6	10.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,645.8	44,237.6	6.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,009.7	36,467.2	13.7
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	1,803.6	12,027.7	15.0	72	Iron and steel	4,663.0	49,250.6	9.5
44	Wood and articles of wood; wood charcoal	1,700.0	14,791.0	11.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,847.2	45,610.0	4.0
72	Iron and steel	1,444.3	17,555.3	8.2	40	Rubber and articles thereof	1,587.6	13,294.1	11.9
61	Apparel and clothing accessories; knitted or crocheted	1,391.7	29,286.1	4.8	60	Fabrics; knitted or crocheted	1,525.5	10,333.4	14.8
38	Chemical products n.e.c.	1,179.7	17,678.1	6.7	29	Organic chemicals	1,523.4	28,339.5	5.4
	Top Ten Exports	44,057.8	852,489.8	5.2		Top Ten Imports	83,591.7	951,032.7	8.8
	Others	16,431.8	583,925.2	2.8		Others	17,433.3	437,815.6	4.0
	Total Exports	60,489.6	1,436,415.0	4.2		Total Imports	101,025.0	1,388,848.3	7.3

Source:
ASEAN Secretariat

Table 5.46. Top Ten Traded Goods between New Zealand and ASEAN, 2018

Exports					Imports				
HS	Commodities	To New Zealand (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From New Zealand (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,390.6	161,037.7	0.9	4	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,069.7	5,537.0	37.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	918.0	46,988.9	2.0	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	234.3	4,108.7	5.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	854.8	152,651.3	0.6	2	Meat and edible meat offal	207.6	4,579.0	4.5
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	533.7	377,595.5	0.1	44	Wood and articles of wood; wood charcoal	200.6	5,324.0	3.8
39	Plastics and articles thereof	282.4	47,375.4	0.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	180.8	223,812.7	0.1
23	Food industries, residues and wastes thereof; prepared animal fodder	247.7	4,136.8	6.0	8	Fruit and nuts, edible; peel of citrus fruit or melons	164.4	7,166.4	2.3
88	Aircraft, spacecraft and parts thereof	151.2	12,109.3	1.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	107.8	166,653.4	0.1
21	Miscellaneous edible preparations	116.2	10,678.2	1.1	35	Albuminoidal substances; modified starches; glues; enzymes	107.4	2,632.4	4.1
40	Rubber and articles thereof	108.8	35,890.6	0.3	72	Iron and steel	105.0	49,250.6	0.2
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	100.2	9,699.1	1.0	21	Miscellaneous edible preparations	87.4	6,285.4	1.4
	Top Ten Exports	4,703.7	858,163.0	0.5		Top Ten Imports	3,464.8	475,349.7	0.7
	Others	1,389.8	578,252.0	0.2		Others	763.8	913,498.6	0.1
	Total Exports	6,093.5	1,436,415.0	0.4		Total Imports	4,228.6	1,388,848.3	0.3

Source:
ASEAN Secretariat

Table 5.47. Top Ten Traded Goods between Russian Federation and ASEAN, 2018

Exports					Imports				
HS	Commodities	To Russia (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Russia (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,958.1	377,595.5	0.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,493.0	223,812.7	3.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	583.3	152,651.3	0.4	72	Iron and steel	2,079.1	49,250.6	4.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	490.7	34,697.1	1.4	10	Cereals	1,210.6	13,277.8	9.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	429.6	46,988.9	0.9	31	Fertilizers	791.6	7,155.7	11.1
40	Rubber and articles thereof	275.2	35,890.6	0.8	76	Aluminium and articles thereof	225.3	15,821.0	1.4
9	Coffee, tea, mate and spices	198.2	6,256.9	3.2	3	Fish and crustaceans, molluscs and other aquatic invertebrates	140.4	6,921.7	2.0
64	Footwear; gaiters and the like; parts of such articles	187.7	24,799.8	0.8	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	105.1	321,586.2	0.0
61	Apparel and clothing accessories; knitted or crocheted	140.1	29,286.1	0.5	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	104.1	40,932.8	0.3
62	Apparel and clothing accessories; not knitted or crocheted	130.6	25,629.5	0.5	40	Rubber and articles thereof	96.7	13,294.1	0.7
3	Fish and crustaceans, molluscs and other aquatic invertebrates	129.4	13,564.1	1.0	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	94.3	11,511.5	0.8
Top Ten Exports		4,522.9	747,359.8	0.6	Top Ten Imports		13,340.2	703,564.1	1.9
Others		1,436.6	689,055.2	0.2	Others		706.6	685,284.2	0.1
Total Exports		5,959.5	1,436,415.0	0.4	Total Imports		14,046.8	1,388,848.3	1.0

Source:
ASEAN Secretariat

Table 5.48. Top Ten Traded Goods between USA and ASEAN, 2018

Exports					Imports				
HS	Commodities	To USA (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From USA (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	39,626.2	377,595.5	10.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,254.1	166,653.4	12.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	23,372.5	152,651.3	15.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	19,960.2	321,586.2	6.2
61	Apparel and clothing accessories; knitted or crocheted	13,514.6	29,286.1	46.1	88	Aircraft, spacecraft and parts thereof	8,939.2	23,369.8	38.3
62	Apparel and clothing accessories; not knitted or crocheted	8,856.9	25,629.5	34.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,021.0	36,467.2	16.5
64	Footwear; gaiters and the like; parts of such articles	7,633.7	24,799.8	30.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,683.2	223,812.7	2.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,358.5	44,237.6	16.6	39	Plastics and articles thereof	3,889.8	55,685.6	7.0
40	Rubber and articles thereof	7,320.6	35,890.6	20.4	23	Food industries, residues and wastes thereof; prepared animal fodder	3,096.8	12,679.1	24.4
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	5,997.0	14,184.3	42.3	52	Cotton	2,617.8	9,659.2	27.1
21	Miscellaneous edible preparations	3,374.6	10,678.2	31.6	38	Chemical products n.e.c.	2,586.0	19,704.3	13.1
3	Fish and crustaceans, molluscs and other aquatic invertebrates	2,681.8	13,564.1	19.8	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,509.5	4,700.0	53.4
Top Ten Exports		119,736.4	728,516.9	16.4	Top Ten Imports		76,557.5	874,317.5	8.8
Others		40,547.1	707,898.1	5.7	Others		26,182.2	514,530.8	5.1
Total Exports		160,283.5	1,436,415.0	11.2	Total Imports		102,739.6	1,388,848.3	7.4

Source:
ASEAN Secretariat

Chart 5.11. ASEAN Markets of Exports of Goods, 2009

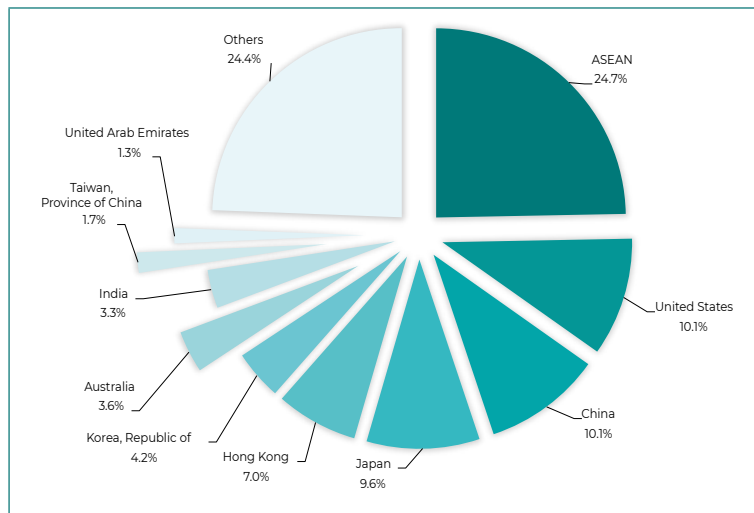


Chart 5.12. ASEAN Markets of Exports of Goods, 2018

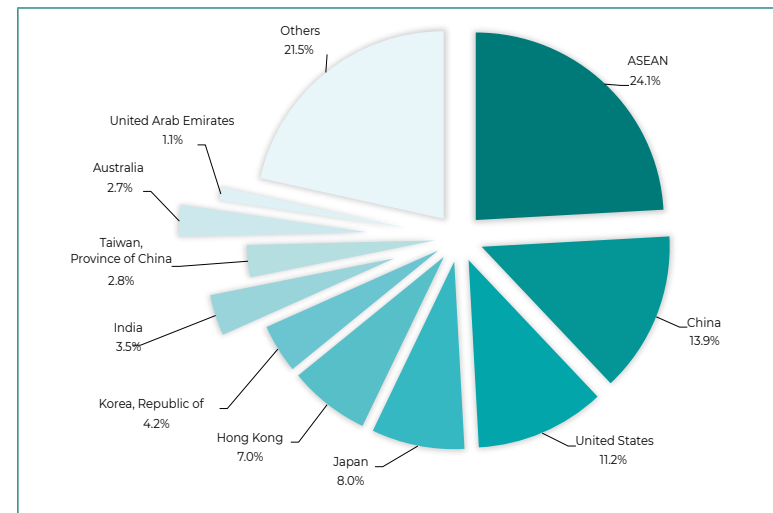


Chart 5.13. ASEAN Source of Imports of Goods, 2009

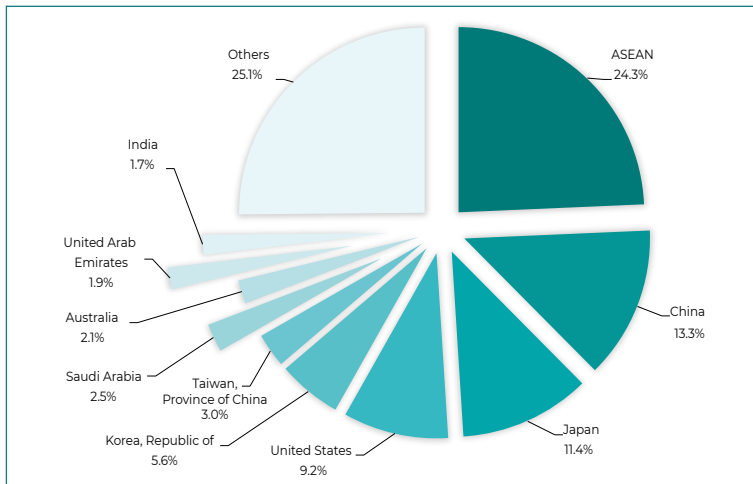


Chart 5.14. ASEAN Source of Imports of Goods, 2018

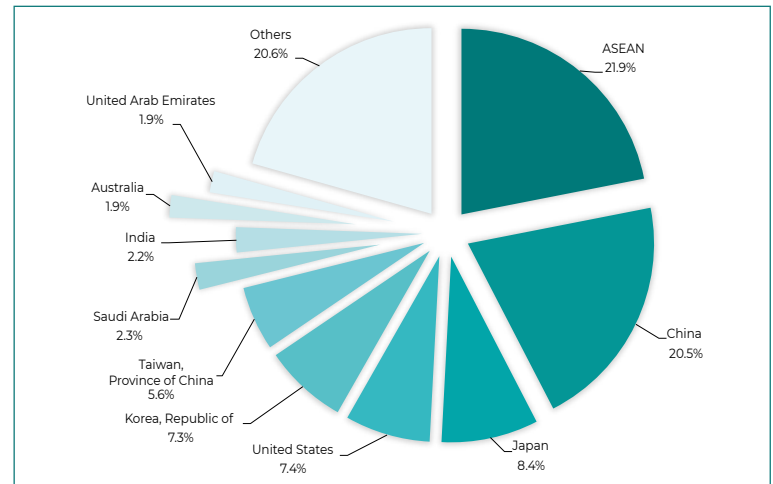


Chart 5.15. Top Ten Exports of Commodities in ASEAN, 2009

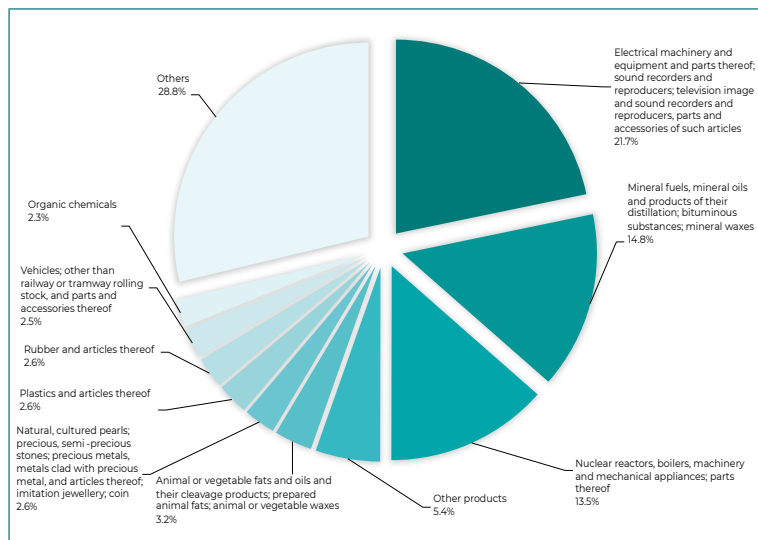


Chart 5.16. Top Ten Exports of Commodities in ASEAN, 2018

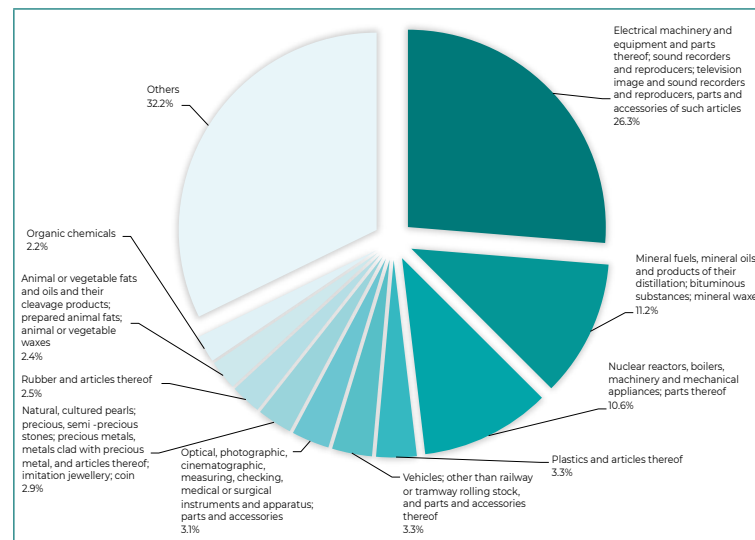


Chart 5.17. Top Ten Imports of Goods in ASEAN, 2009

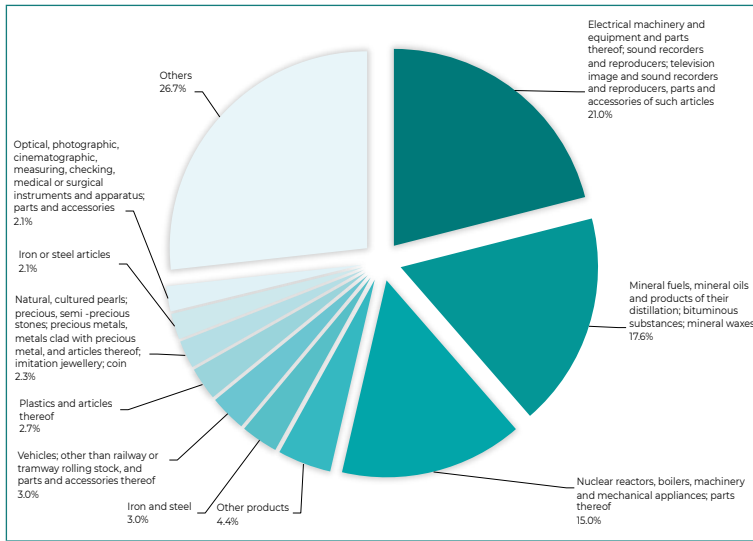
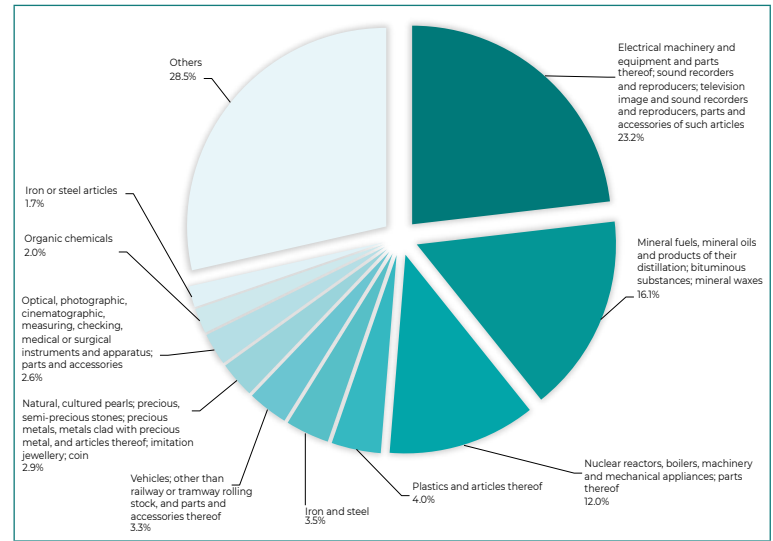


Chart 5.18. Top Ten Imports of Goods in ASEAN, 2018



The background is a teal color with a grid of smaller, darker teal squares. Large, white, outlined numbers are scattered on the left side: a '2' at the top, a '3' below it, a large '4' in the middle, and an '8' at the bottom. There are also some faint, overlapping shapes that look like stylized letters or symbols.

CHAPTER 6

Trade in Services

Table 6.1. ASEAN Exports of Services¹⁾ by ASEAN Member States, 2009-2018

(in US\$ million)

Host Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	386.6	460.5	500.6	482.7	492.8	557.8	650.6	530.4	551.4	570.6
Cambodia	1,811.9	2,028.5	2,730.1	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2	5,451.2
Indonesia	12,115.1	16,670.5	21,888.2	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	28,002.5
Lao PDR	397.3	511.0	549.7	643.4	780.6	764.4	844.1	834.9	780.5	921.4
Malaysia	28,013.6	33,822.8	38,879.3	40,629.4	41,981.1	41,967.3	34,847.1	35,579.8	37,066.0	40,164.5
Myanmar	319.4	350.7	700.9	1,040.5	1,622.8	3,127.6	3,789.9	3,798.5	3,846.5	4,690.4
Philippines	14,084.1	17,782.0	18,878.0	20,439.2	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	37,468.7
Singapore	81,012.0	100,383.1	119,256.7	129,446.4	142,027.7	153,771.0	153,202.4	155,165.4	171,576.8	182,500.0
Thailand	30,204.2	34,339.8	41,544.6	46,521.4	54,804.1	51,940.2	58,082.1	63,786.4	70,964.2	81,331.4
Viet Nam	5,766.0	7,460.0	8,691.2	9,620.0	10,709.9	11,049.9	11,249.8	21,050.5	21,018.5	23,754.8
ASEAN	174,110.2	213,808.9	253,619.2	275,675.3	302,191.9	316,018.0	317,906.8	339,305.9	370,571.5	404,855.6

 Source:
ASEAN Secretariat

 Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.2. ASEAN Imports of Services¹⁾ by ASEAN Member States, 2009-2018

(in US\$ million)

Host Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1,078.2	1,267.3	1,817.4	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1	1,578.5
Cambodia	842.5	1,084.3	1,387.9	1,591.8	1,790.6	2,083.8	2,242.4	2,430.5	2,744.9	3,044.1
Indonesia	23,298.0	26,461.0	31,691.4	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	35,070.7
Lao PDR	135.6	263.1	321.6	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,116.4	1,154.1
Malaysia	26,830.4	31,833.5	38,402.9	43,398.3	45,016.1	45,232.3	40,129.8	40,140.1	42,382.0	44,557.5
Myanmar	536.9	729.2	1,100.0	1,322.8	1,475.0	2,198.7	2,398.4	2,518.8	2,882.6	3,456.6
Philippines	9,186.2	12,017.0	12,318.0	14,259.5	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,975.8
Singapore	83,279.9	100,518.8	117,827.2	132,909.6	149,712.9	166,662.1	161,696.0	157,604.8	179,445.2	184,145.1
Thailand	34,429.6	41,333.3	46,097.4	45,671.4	47,402.8	45,247.3	42,518.3	43,511.4	46,668.3	55,173.6
Viet Nam	8,170.6	9,902.0	11,836.0	11,022.0	13,820.0	15,000.0	16,015.0	16,766.2	17,109.4	18,611.0
ASEAN	187,787.9	225,409.5	262,799.8	287,778.4	314,466.9	334,226.7	322,263.7	320,207.4	352,442.3	373,767.1

 Source:
ASEAN Secretariat

 Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.3. ASEAN Exports of Services¹⁾ by Service Heading, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-929.1	2,509.3	3,917.4	3,193.7	3,009.5	3,302.3	2,907.5	14,361.9	14,854.0	17,649.0
Maintenance and repair n.i.e.	6,659.8	6,728.1	7,870.6	7,720.1	9,121.6	8,403.5	7,661.4	7,369.3	6,857.7	7,682.7
Transport	46,424.9	56,351.9	61,463.2	63,273.1	65,498.5	70,287.8	65,766.0	60,536.3	69,528.4	75,285.5
Travel	53,611.9	68,086.9	84,586.4	92,577.8	103,805.3	104,521.6	104,961.5	112,923.1	126,080.3	138,846.7
Construction	3,148.8	3,204.6	3,741.7	4,170.0	4,589.6	3,637.7	3,053.5	2,930.9	2,842.1	2,727.3
Insurance and pension	2,047.1	2,997.5	3,216.8	3,808.4	3,816.6	4,116.5	4,537.3	5,031.8	5,289.8	6,010.5
Financial	11,595.2	13,430.7	16,804.9	17,986.9	20,484.6	22,548.0	22,812.6	23,958.0	27,288.1	29,653.5
Charges for the use of intellectual property n.i.e	1,819.8	2,151.2	2,975.1	3,149.8	3,645.2	4,141.6	8,914.9	7,548.9	8,491.9	9,261.6
Telecommunications, computer, and information	8,243.9	9,869.4	12,689.9	14,823.3	16,007.5	16,584.1	17,419.9	22,110.2	23,296.2	24,669.5
Other business	39,597.9	46,335.7	53,862.9	62,265.4	69,325.3	75,483.1	76,679.5	79,348.8	82,767.0	89,316.1
Personal, cultural, and recreational	569.3	694.4	912.7	1,027.9	1,089.9	1,311.5	1,405.7	1,373.1	1,412.7	1,681.8
Government goods and services, n.i.e.	1,320.8	1,449.1	1,577.5	1,678.3	1,798.2	1,680.2	1,786.9	1,813.7	1,863.2	2,071.3
TOTAL	174,110.2	213,808.9	253,619.2	275,674.8	302,191.9	316,018.0	317,906.8	339,305.9	370,571.5	404,855.6

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.4. ASEAN Imports of Services¹⁾ by Service Heading, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	2,248.7	3,325.4	3,601.3	4,324.2	5,248.2	6,313.3	6,217.7	5,864.7	6,016.3	6,633.9
Maintenance and repair services n.i.e.	1,102.3	1,050.8	1,249.4	1,713.9	2,045.8	1,981.5	2,202.0	2,459.9	2,061.4	2,230.4
Transport	64,259.2	78,179.4	91,048.5	93,876.3	98,364.6	103,603.4	98,000.2	93,074.8	107,525.1	114,789.8
Travel	37,344.3	46,598.4	52,101.6	58,577.0	62,647.1	67,929.8	66,285.8	68,773.3	73,355.9	79,050.0
Construction	3,699.8	3,836.6	3,309.4	4,485.6	6,330.9	6,089.7	5,752.1	5,229.3	6,176.6	5,475.5
Insurance and pension services	6,152.6	9,024.9	10,187.6	10,879.3	11,247.4	10,422.3	10,177.5	11,154.4	11,178.3	12,483.4
Financial Services	3,544.1	4,405.6	5,246.2	5,619.9	6,538.9	6,968.9	7,317.7	7,806.5	9,288.9	10,372.6
Charges for the use of intellectual property n.i.e	18,838.6	23,563.8	27,443.4	30,655.4	31,826.9	29,572.7	27,983.1	23,969.1	24,296.5	25,540.2
Telecommunications, computer, and information services	6,077.0	7,168.6	10,608.0	12,906.4	15,691.4	22,705.5	18,030.2	20,240.7	22,369.5	23,808.8
Other business services	42,380.9	45,621.8	55,216.3	61,553.0	71,018.3	75,048.2	77,224.7	78,757.0	87,012.8	89,960.0
Personal, cultural, and recreational services	797.9	917.1	1,086.4	1,400.7	1,689.0	1,804.8	1,626.8	1,402.0	1,547.0	1,731.9
Government goods and services, n.i.e.	1,342.5	1,717.0	1,701.7	1,786.6	1,818.4	1,786.7	1,445.9	1,475.6	1,614.1	1,690.6
TOTAL	187,787.9	225,409.5	262,799.8	287,778.4	314,466.9	334,226.7	322,263.7	320,207.4	352,442.3	373,767.1

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.5. Brunei Darussalam Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance and repair services n.i.e.	0.1	0.1	1.1	1.2	0.1	0.3	0.4	0.5	0.5	0.0
Transport	301.5	334.4	361.5	329.1	337.4	433.0	468.7	345.2	347.3	303.1
Travel	45.5	68.3	80.4	91.7	95.7	78.8	147.3	144.1	177.3	190.2
Construction	2.9	4.2	2.6	2.8	0.0	0.3	0.0	0.0	0.0	49.4
Insurance and pension services	2.1	3.1	0.0	0.0	3.0	2.0	1.6	2.9	1.6	1.0
Financial Services	0.7	1.1	3.3	3.5	15.2	1.3	1.4	1.6	0.9	0.2
Charges for the use of intellectual property n.i.e.	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Telecommunications, computer, and information services	1.8	2.6	0.0	0.0	0.1	0.2	0.1	0.0	0.0	1.0
Other business services	17.1	25.0	28.9	30.4	17.3	18.2	12.5	14.4	5.3	6.8
Personal, cultural, and recreational services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Government goods and services, n.i.e.	14.4	21.0	22.8	24.0	24.0	23.7	18.6	21.7	18.5	18.9
TOTAL	386.6	460.5	500.6	482.7	492.8	557.8	650.6	530.4	551.4	570.6

Source:
ASEAN SecretariatNote:
1) Based on IMF Balance of Payments Manual, 6th Edition**Table 6.6. Brunei Darussalam Imports of Services¹⁾, 2009-2018**

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance and repair services n.i.e.	14.9	17.9	70.2	119.3	147.8	103.6	97.7	106.5	89.5	88.7
Transport	155.3	164.6	194.7	243.5	453.0	363.0	233.2	213.3	259.7	226.0
Travel	409.6	490.1	560.6	590.5	624.2	477.1	460.3	500.4	504.6	585.2
Construction	193.9	231.4	59.2	100.7	263.9	260.7	124.9	26.2	26.8	118.8
Insurance and pension services	16.2	19.3	3.2	5.4	13.2	13.7	10.9	12.5	8.4	12.4
Financial Services	1.7	2.0	0.0	0.1	78.0	30.7	0.7	43.7	35.2	10.6
Charges for the use of intellectual property n.i.e.	18.9	22.6	1.6	2.8	17.3	9.2	13.9	37.8	17.3	19.8
Telecommunications, computer, and information services	37.9	45.3	27.0	45.9	82.8	129.3	100.0	53.6	39.8	64.6
Other business services	205.2	244.8	881.1	1,497.9	1,145.3	771.3	586.8	619.2	231.7	422.0
Personal, cultural, and recreational services	1.1	1.3	1.0	1.8	0.0	0.0	0.1	3.1	6.1	0.8
Government goods and services, n.i.e.	23.5	28.0	18.8	32.0	32.0	31.6	29.1	29.0	29.0	29.6
TOTAL	1,078.2	1,267.3	1,817.4	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1	1,578.5

Source:
ASEAN SecretariatNote:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.7. Cambodia Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	257.4	226.0	276.0	312.9	343.7	392.3	419.4	456.1	562.2	687.9
Travel	1,335.9	1,518.7	2,083.8	2,462.8	2,660.4	2,953.0	3,137.0	3,212.3	3,639.3	4,361.8
Construction	7.2	10.5	8.4	16.6	15.3	10.2	10.1	13.1	16.6	13.9
Insurance and pension services	6.6	1.0	5.4	1.4	0.6	0.5	0.2	0.4	1.6	3.1
Financial Services	0.1	3.6	26.1	19.1	19.6	25.1	33.8	8.7	7.1	14.9
Charges for the use of intellectual property n.i.e	0.0	0.3	1.0	3.8	2.4	2.7	0.6	1.5	1.0	2.4
Telecommunications, computer, and information services	43.0	83.8	71.3	66.3	57.9	74.1	86.6	73.9	66.5	65.4
Other business services	94.3	71.9	128.7	169.0	251.0	251.9	95.7	80.3	94.5	97.6
Personal, cultural, and recreational services	2.0	1.5	2.0	2.5	3.0	3.6	0.5	1.2	1.8	1.7
Government goods and services, n.i.e.	65.4	111.2	127.5	137.8	139.7	97.4	170.8	185.5	217.7	202.5
TOTAL	1,811.9	2,028.5	2,730.1	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2	5,451.2

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.8. Cambodia Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	486.6	604.3	746.3	841.6	982.3	1,105.7	1,206.9	1,298.1	1,440.9	1,485.8
Travel	104.2	60.6	263.8	314.0	354.7	401.4	510.4	615.6	741.5	862.5
Construction	79.9	141.0	140.7	156.5	134.2	124.6	118.8	137.8	156.3	155.8
Insurance and pension services	41.0	134.7	81.2	103.2	112.9	131.8	138.2	143.0	165.7	187.5
Financial Services	5.5	21.1	3.9	5.5	29.3	8.6	3.1	8.2	3.5	4.5
Charges for the use of intellectual property n.i.e	8.4	6.3	10.1	11.1	11.9	20.5	12.5	10.4	12.7	27.7
Telecommunications, computer, and information services	37.7	46.6	43.9	46.0	51.6	118.8	133.8	113.0	104.5	167.1
Other business services	53.3	41.9	67.4	74.3	79.3	136.7	83.1	69.4	84.5	128.1
Personal, cultural, and recreational services	5.6	5.3	5.6	5.7	5.9	6.1	2.2	3.9	4.9	3.4
Government goods and services, n.i.e.	20.4	22.5	25.1	33.9	28.4	29.4	33.5	31.2	30.6	21.7
TOTAL	842.5	1,084.3	1,387.9	1,591.8	1,790.6	2,083.8	2,242.4	2,430.5	2,744.9	3,044.1

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.9. Indonesia Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-1,151.4	-216.0	1,081.2	396.7	430.1	425.0	355.6	350.5	354.2	381.9
Maintenance and repair services n.i.e.	72.3	65.2	72.6	114.0	126.6	100.5	283.5	410.8	169.4	247.6
Transport	2,439.0	2,665.4	3,456.2	3,822.3	3,610.6	3,791.0	3,456.2	3,571.9	3,472.1	3,597.9
Travel	5,597.9	6,957.9	7,996.7	8,323.6	9,119.2	10,261.1	10,761.0	11,205.7	13,139.4	14,109.7
Construction	585.5	520.1	551.3	862.7	848.5	711.7	378.7	225.7	369.0	405.1
Insurance and pension services	20.7	22.2	23.3	24.1	24.9	25.7	54.2	80.2	82.7	85.7
Financial Services	216.9	387.7	450.9	225.4	254.1	222.9	247.7	336.0	639.8	659.5
Charges for the use of intellectual property n.i.e.	38.1	59.6	78.8	58.1	52.0	59.6	52.1	46.7	49.8	61.2
Telecommunications, computer, and information services	1,156.6	1,239.7	1,657.7	1,293.8	1,040.7	1,139.9	971.1	970.4	996.7	1,300.6
Other business services	2,527.2	4,309.4	5,788.6	7,739.2	6,640.5	6,032.5	4,917.4	5,358.5	5,260.9	6,068.8
Personal, cultural, and recreational services	75.3	104.2	158.6	210.0	187.0	149.7	111.5	88.9	131.1	367.4
Government goods and services, n.i.e.	537.1	555.1	572.4	590.5	610.1	611.4	631.8	678.2	662.6	717.3
TOTAL	12,115.1	16,670.5	21,888.2	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	28,002.5

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.10. Indonesia Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	256.0	224.4	196.1	572.1	374.2	476.5	623.7	764.0	347.8	442.7
Transport	6,522.3	8,672.7	12,149.3	12,500.9	12,539.0	11,974.5	9,601.8	9,116.2	10,335.9	12,437.5
Travel	5,316.1	6,394.5	6,255.3	6,770.5	7,674.9	7,682.0	7,292.2	7,566.4	8,288.9	8,772.0
Construction	798.1	592.5	497.4	631.8	853.2	660.0	452.5	133.0	186.3	143.6
Insurance and pension services	1,318.2	1,153.3	1,290.2	1,096.5	1,053.7	964.1	942.3	741.5	653.1	728.3
Financial Services	551.1	597.2	754.1	694.6	707.4	620.8	744.4	913.3	1,081.6	1,094.2
Charges for the use of intellectual property n.i.e.	1,530.1	1,616.5	1,788.0	1,800.1	1,736.4	1,861.9	1,652.7	1,732.4	1,900.6	1,464.6
Telecommunications, computer, and information services	1,094.0	1,131.2	1,520.9	1,443.3	1,548.1	1,620.5	1,791.1	2,145.7	2,533.1	2,878.7
Other business services	5,525.5	5,456.1	6,492.9	7,848.1	7,671.6	6,972.1	7,587.3	7,194.1	7,207.5	6,971.1
Personal, cultural, and recreational services	126.2	132.7	212.5	281.0	266.5	244.1	66.8	53.0	56.8	89.4
Government goods and services, n.i.e.	260.5	489.9	534.7	585.5	589.6	464.2	162.8	47.9	115.1	48.7
TOTAL	23,298.0	26,461.0	31,691.4	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	35,070.7

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.11. Lao PDR Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	40.5	55.8	51.3	54.3	70.6	57.3	67.5	81.0	83.2	114.8
Travel	267.7	381.7	406.2	513.6	595.9	641.6	724.2	716.1	648.0	734.4
Construction	27.0	13.1	12.0	11.6	8.6	3.9	5.0	4.4	4.4	36.7
Insurance and pension services	10.0	11.0	24.5	3.6	44.1	11.6	10.7	0.9	13.0	3.2
Financial Services	0.0	0.0	0.6	1.3	1.3	0.8	1.3	1.4	1.8	1.4
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	28.8	27.3	31.0	34.8	40.1	38.6	34.3	29.8	24.0	24.0
Other business services	-	-	-	-	-	-	-	-	-	-
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	23.3	22.2	24.1	24.3	20.1	10.7	1.1	1.3	6.1	7.0
TOTAL	397.3	511.0	549.7	643.4	780.6	764.4	844.1	834.9	780.5	921.4

 Source:
 ASEAN Secretariat

 Notes:
 . not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.12. Lao PDR Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	18.7	22.1	22.8	53.9	36.0	34.9	34.9	68.9	86.2	126.8
Travel	82.5	202.7	237.1	604.9	903.9	1,051.1	998.0	911.5	922.0	925.5
Construction	11.7	10.7	13.8	29.2	37.2	31.0	4.4	13.3	37.3	32.5
Insurance and pension services	11.0	13.2	32.2	32.9	52.9	12.3	15.0	11.4	39.4	35.8
Financial Services	0.0	0.0	1.5	0.1	0.2	0.3	6.1	0.4	0.5	0.8
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	5.8	8.9	8.5	11.5	16.6	13.5	15.4	16.9	16.6	15.5
Other business services	3.2	3.1	2.5	0.0	0.0	0.0	0.0	0.0	8.9	10.7
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	2.6	2.5	3.2	6.2	10.4	6.9	4.7	0.0	5.6	6.6
TOTAL	135.6	263.1	321.6	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,116.4	1,154.1

 Source:
 ASEAN Secretariat

 Notes:
 . not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.13. Malaysia Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	2,513.0	2,629.2	2,597.3	2,353.1	2,423.5	2,151.4	2,275.7	2,494.2	2,872.8
Maintenance and repair services n.i.e.	242.8	214.0	294.6	265.8	314.3	368.2	373.8	362.4	422.0	516.1
Transport	4,672.8	4,762.8	5,063.4	4,460.8	4,651.4	4,762.4	4,190.1	4,158.6	4,478.2	5,065.3
Travel	15,601.1	17,705.6	19,670.5	20,275.5	21,430.5	22,551.6	17,584.2	18,074.8	18,359.1	19,621.6
Construction	876.6	1,008.6	1,103.5	1,177.9	1,024.8	852.7	1,033.8	997.3	952.7	858.8
Insurance and pension services	284.0	323.0	439.7	539.1	447.8	460.8	374.7	320.3	290.7	313.2
Financial Services	84.5	189.9	352.7	323.4	316.8	345.6	341.1	492.4	535.3	606.0
Charges for the use of intellectual property n.i.e.	265.8	97.1	148.9	135.1	108.4	75.7	89.8	114.6	286.8	267.0
Telecommunications, computer, and information services	1,893.6	2,078.7	2,424.2	2,928.1	2,847.8	2,756.5	2,655.8	2,576.9	2,675.9	2,822.1
Other business services	3,946.0	4,736.1	6,502.1	7,674.0	8,190.1	7,003.4	5,571.6	5,751.4	6,008.8	6,644.0
Personal, cultural, and recreational services	104.4	108.7	159.2	169.0	201.5	282.5	386.3	367.5	469.1	501.0
Government goods and services, n.i.e.	42.0	85.3	91.4	83.4	94.8	84.6	94.4	87.9	93.2	76.7
TOTAL	28,013.6	33,822.8	38,879.3	40,629.4	41,981.1	41,967.3	34,847.1	35,579.8	37,066.0	40,164.5

Source:
ASEAN Secretariat

Notes:
 * - not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.14. Malaysia Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	24.3	34.4	43.8	53.2	45.0	54.1	60.8	78.2	130.6
Maintenance and repair services n.i.e.	145.2	145.4	198.6	235.7	328.9	301.7	378.1	405.3	447.2	478.3
Transport	9,160.1	9,972.1	11,422.9	11,605.4	12,216.1	12,706.3	10,480.0	9,813.6	11,367.0	11,898.2
Travel	6,475.6	8,111.8	10,199.5	12,229.3	12,202.2	12,417.0	10,685.9	10,477.7	10,808.0	12,174.8
Construction	1,025.5	1,151.3	1,351.2	2,402.3	2,562.7	2,645.4	2,701.0	2,946.0	3,905.6	2,879.4
Insurance and pension services	533.9	2,131.7	2,530.8	2,884.2	2,756.4	2,758.9	2,361.4	2,234.8	2,281.2	2,445.1
Financial Services	229.2	472.0	495.1	522.4	453.5	413.5	430.5	526.0	551.2	641.3
Charges for the use of intellectual property n.i.e.	1,117.7	1,286.5	1,639.3	1,545.3	1,390.6	1,420.8	1,288.7	1,348.0	1,825.3	2,008.3
Telecommunications, computer, and information services	1,871.7	1,934.9	2,369.8	2,771.4	3,184.5	3,133.6	3,266.3	3,242.6	3,035.5	3,253.7
Other business services	5,781.2	6,082.4	7,551.0	8,335.3	8,826.9	8,229.1	7,420.1	8,066.5	6,861.1	7,564.2
Personal, cultural, and recreational services	275.5	283.5	347.8	605.4	877.3	970.0	815.0	770.5	803.3	819.2
Government goods and services, n.i.e.	214.7	237.7	262.6	217.8	163.9	190.9	248.7	248.3	418.4	264.4
TOTAL	26,830.4	31,833.5	38,402.9	43,398.3	45,016.1	45,232.3	40,129.8	40,140.1	42,382.0	44,557.5

Source:
ASEAN Secretariat

Notes:
 * - not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.15. Myanmar Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	118.9	148.5	253.9	427.6	1,208.8
Maintenance and repair services n.i.e.	-	-	-	-	-	57.4	141.7	175.5	24.7	22.8
Transport	144.8	151.1	212.8	214.5	232.9	411.8	356.6	287.9	168.2	378.9
Travel	63.0	78.1	329.1	551.5	926.0	1,613.3	2,122.5	2,197.2	1,968.9	1,651.5
Construction	11.8	9.7	15.1	0.0	0.0	131.8	82.6	63.7	207.5	148.0
Insurance and pension services	-	-	-	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Financial Services	-	-	-	-	-	6.0	6.3	26.8	15.5	7.2
Charges for the use of intellectual property n.i.e	-	-	-	-	-	24.9	21.6	11.3	2.4	2.6
Telecommunications, computer, and information services	-	-	-	80.6	80.4	188.9	351.2	219.7	112.7	65.6
Other business services	65.3	79.2	112.1	142.3	316.2	515.5	429.3	403.5	800.5	937.6
Personal, cultural, and recreational services	-	-	-	-	-	23.6	71.7	71.4	28.1	35.4
Government goods and services, n.i.e.	34.5	32.6	31.8	51.5	67.2	35.5	57.9	87.6	90.4	232.0
TOTAL	319.4	350.7	700.9	1,040.5	1,622.8	3,127.6	3,789.9	3,798.5	3,846.5	4,690.4

 Source:
 ASEAN Secretariat

 Notes:
 . not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.16. Myanmar Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	75.6	96.4	200.3	2.7	2.3
Maintenance and repair services n.i.e.	-	-	-	-	-	24.5	42.5	70.9	64.9	61.1
Transport	377.1	403.8	757.6	687.3	861.4	1,357.0	1,403.7	1,357.3	1,512.6	1,541.3
Travel	52.4	54.6	124.2	278.1	116.2	37.4	25.3	36.6	105.0	88.6
Construction	-	-	-	-	-	92.6	38.6	23.5	113.3	252.0
Insurance and pension services	-	-	-	84.1	104.4	40.0	42.2	40.3	52.1	53.2
Financial Services	-	-	-	-	-	0.3	0.4	6.5	3.8	2.8
Charges for the use of intellectual property n.i.e	-	-	-	-	-	295.7	272.6	231.6	26.4	47.1
Telecommunications, computer, and information services	-	-	-	2.9	7.6	75.6	187.9	200.6	162.8	181.6
Other business services	62.6	223.9	194.2	249.2	360.3	184.8	269.8	320.1	795.3	1,102.4
Personal, cultural, and recreational services	20.7	10.9	0.1	0.1	0.1	7.4	16.7	13.3	24.0	40.7
Government goods and services, n.i.e.	24.1	36.0	23.9	21.1	25.0	7.8	2.3	17.8	19.7	83.5
TOTAL	536.9	729.2	1,100.0	1,322.8	1,475.0	2,198.7	2,398.4	2,518.8	2,882.6	3,456.6

 Source:
 ASEAN Secretariat

 Notes:
 . not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.17. Philippines Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	2,725.0	3,453.3	4,012.7
Maintenance and repair services n.i.e.	68.8	106.0	75.0	95.0	67.6	92.4	77.1	82.6	80.3	82.5
Transport	1,014.6	1,347.0	1,424.0	1,594.0	1,636.7	1,874.7	1,933.5	1,896.8	2,484.8	2,683.0
Travel	2,369.9	2,645.0	3,198.0	4,060.5	4,689.7	5,030.1	5,272.5	5,142.7	6,988.1	7,460.5
Construction	90.8	121.0	46.0	99.8	88.5	60.6	59.6	71.3	57.3	61.0
Insurance and pension services	62.9	67.0	74.0	74.4	100.7	129.0	118.6	76.7	85.3	84.7
Financial Services	153.5	116.0	104.0	100.5	84.7	189.9	414.2	394.2	237.3	279.2
Charges for the use of intellectual property n.i.e.	1.5	4.0	5.0	7.6	3.0	9.8	11.2	9.5	16.9	44.1
Telecommunications, computer, and information services	1,897.0	2,236.0	2,769.0	3,003.2	3,335.9	3,472.4	3,460.9	5,493.2	5,638.4	5,940.0
Other business services	8,390.1	11,087.0	11,113.0	11,305.6	13,207.6	14,473.2	17,550.5	15,125.2	15,579.9	16,653.2
Personal, cultural, and recreational services	35.0	41.0	58.0	84.3	106.9	151.5	149.2	169.1	190.8	149.0
Government goods and services, n.i.e.	-	12.0	12.0	13.8	13.9	14.6	17.7	17.4	19.1	18.8
TOTAL	14,084.1	17,782.0	18,878.0	20,438.7	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	37,468.7

Source:
ASEAN Secretariat

Notes:
 * - not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.18. Philippines Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	4.9	22.0	91.0	117.1	256.3	91.2	83.2	111.7	131.8	136.5
Transport	2,609.6	3,321.0	3,207.0	3,610.7	3,418.6	3,869.4	3,855.8	4,338.1	5,017.6	5,305.4
Travel	3,670.9	5,487.0	5,616.0	6,548.0	7,832.8	10,597.6	11,342.6	11,135.1	11,849.6	12,037.7
Construction	23.6	20.0	51.0	41.9	77.2	70.0	42.4	59.8	63.4	73.4
Insurance and pension services	694.9	880.0	939.0	881.3	805.2	814.9	897.1	1,345.2	1,502.0	1,544.5
Financial Services	280.9	228.0	274.0	253.0	301.8	367.0	450.7	558.5	505.7	549.4
Charges for the use of intellectual property n.i.e.	412.2	446.0	442.0	471.3	529.4	547.0	612.6	546.4	751.4	917.0
Telecommunications, computer, and information services	208.1	237.0	341.0	349.4	526.6	634.1	772.9	671.5	851.8	991.3
Other business services	1,017.7	1,021.0	1,014.0	1,651.6	2,267.0	3,561.2	5,110.8	4,911.1	4,983.9	4,628.1
Personal, cultural, and recreational services	42.4	52.0	40.0	37.0	43.6	54.5	187.3	126.1	187.7	274.4
Government goods and services, n.i.e.	221.0	303.0	303.0	298.2	262.1	314.7	254.8	356.8	293.7	518.1
TOTAL	9,186.2	12,017.0	12,318.0	14,259.5	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,975.8

Source:
ASEAN Secretariat

Notes:
 * - not available at the time of publication
 1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.19. Singapore Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	222.3	212.3	207.0	199.7	226.3	334.9	252.0	206.2	176.1	192.9
Maintenance and repair services n.i.e.	6,275.8	6,342.8	7,427.4	7,244.2	8,604.8	7,776.1	6,775.7	6,328.2	6,151.3	6,802.2
Transport	29,814.9	38,582.0	42,549.5	44,479.7	46,216.7	50,445.0	46,622.9	41,486.2	48,450.1	51,787.0
Travel	9,225.0	14,177.6	17,927.7	18,794.4	19,230.6	19,159.8	16,617.3	18,944.3	19,894.2	20,411.8
Construction	1,061.9	1,031.5	1,543.0	1,538.2	1,706.7	1,163.6	852.6	986.8	766.5	752.9
Insurance and pension services	1,519.6	2,433.2	2,413.1	2,717.9	2,904.6	3,347.4	3,864.3	4,426.1	4,676.5	5,333.8
Financial Services	10,735.1	12,213.6	15,206.8	16,559.7	18,869.3	21,043.7	21,006.5	21,792.0	24,912.1	27,114.2
Charges for the use of intellectual property n.i.e	1,430.6	1,933.4	2,659.5	2,812.4	3,414.4	3,909.3	8,651.5	7,292.3	8,029.6	8,716.8
Telecommunications, computer, and information services	2,615.4	3,543.2	4,960.6	6,724.2	7,633.9	7,966.7	8,873.3	11,693.4	12,749.8	13,197.5
Other business services	17,597.4	19,331.6	23,626.3	27,590.8	32,398.9	37,680.0	38,777.2	41,110.7	44,961.2	47,359.0
Personal, cultural, and recreational services	273.6	317.8	442.6	479.0	508.7	632.5	620.3	606.1	513.4	526.6
Government goods and services, n.i.e.	240.5	264.0	293.3	306.3	312.9	312.0	288.8	293.2	296.0	305.4
TOTAL	81,012.0	100,383.1	119,256.7	129,446.4	142,027.7	153,771.0	153,202.4	155,165.4	171,576.8	182,500.0

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.20. Singapore Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	2,248.7	3,301.1	3,567.0	4,280.4	5,195.0	6,192.7	6,067.2	5,595.4	5,911.5	6,475.0
Maintenance and repair services n.i.e.	681.3	641.1	693.5	669.8	675.5	695.1	676.0	687.7	664.7	684.5
Transport	24,585.7	29,558.5	33,221.6	35,615.3	39,383.6	45,633.6	47,724.5	43,673.1	52,715.9	54,307.7
Travel	15,703.6	18,699.9	21,417.9	23,138.2	24,406.9	25,545.5	23,657.9	23,957.8	24,592.4	25,341.3
Construction	390.6	503.6	525.8	519.2	543.3	392.7	339.6	372.1	368.7	419.4
Insurance and pension services	1,585.7	2,376.5	2,638.2	2,799.3	3,402.3	2,848.6	3,183.5	4,384.5	3,999.9	4,489.8
Financial Services	2,047.9	2,562.4	3,112.4	3,228.1	3,713.9	4,342.2	4,505.4	4,614.0	5,615.0	6,546.2
Charges for the use of intellectual property n.i.e	13,438.2	17,029.4	20,344.1	23,105.1	22,992.0	20,876.7	19,400.6	15,533.0	14,927.1	15,175.5
Telecommunications, computer, and information services	2,390.0	3,290.9	5,712.8	7,614.5	9,424.3	16,029.7	10,861.4	12,944.8	14,770.0	15,295.0
Other business services	19,682.0	21,952.1	25,927.9	31,287.7	39,280.0	43,379.1	44,581.7	45,226.3	55,245.3	54,727.7
Personal, cultural, and recreational services	306.2	411.8	458.7	446.4	466.8	493.5	498.4	391.2	422.4	455.9
Government goods and services, n.i.e.	220.0	191.6	207.3	205.5	229.4	232.9	199.8	224.8	212.5	227.2
TOTAL	83,279.9	100,518.8	117,827.2	132,909.6	149,712.9	166,662.1	161,696.0	157,604.8	179,445.2	184,145.1

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.21. Thailand Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	5,664.4	5,913.5	5,830.5	5,923.5	6,144.1	5,723.3	5,743.5	5,724.1	6,873.9	7,694.3
Travel	16,056.0	20,104.1	27,184.1	30,654.4	37,807.3	34,822.2	41,245.7	44,785.9	52,376.0	60,225.3
Construction	472.1	472.0	441.8	440.5	817.2	612.8	533.0	462.7	358.1	286.5
Insurance and pension services	76.4	67.0	155.9	383.8	230.8	81.6	57.9	68.2	81.4	124.9
Financial Services	229.4	326.9	452.5	604.1	740.6	537.7	580.2	724.0	752.3	780.8
Charges for the use of intellectual property n.i.e	64.2	35.4	57.0	104.8	62.0	56.7	84.7	69.1	101.5	163.0
Telecommunications, computer, and information services	437.7	470.8	561.2	473.8	538.8	527.9	495.6	522.9	450.1	602.5
Other business services	6,861.6	6,588.2	6,477.2	7,517.1	7,995.7	9,163.5	8,919.8	11,078.5	9,605.0	11,043.6
Personal, cultural, and recreational services	78.9	121.2	92.1	82.6	76.9	61.1	58.1	60.1	68.3	88.8
Government goods and services, n.i.e.	263.6	240.8	292.3	336.8	390.7	353.3	363.8	290.9	297.6	321.7
TOTAL	30,204.2	34,339.8	41,544.6	46,521.4	54,804.1	51,940.2	58,082.1	63,786.4	70,964.2	81,331.4

 Source:
 ASEAN Secretariat

Notes:

* - not available at the time of publication

 1) Based on IMF Balance of Payments Manual, 6th Edition. Data on Maintenance and Repair Services are negligible; hence, included in Other Business Services

Table 6.22. Thailand Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	14,829.8	18,857.8	21,094.4	21,759.7	21,347.6	19,063.9	15,662.3	15,063.1	16,829.4	18,934.8
Travel	4,429.3	5,627.2	5,717.3	6,247.6	6,481.4	7,070.6	7,718.2	9,072.2	10,504.0	12,352.4
Construction	782.8	711.2	307.2	224.1	709.2	762.6	850.0	517.7	279.0	265.6
Insurance and pension services	1,545.8	1,835.3	2,105.7	2,118.3	2,035.4	1,818.1	1,571.9	1,441.2	1,816.6	2,299.7
Financial Services	274.8	328.0	388.2	741.0	794.9	705.4	690.3	647.8	985.5	1,002.8
Charges for the use of intellectual property n.i.e	2,247.5	3,080.5	3,121.3	3,609.7	4,593.4	3,970.8	4,121.5	3,979.5	4,280.8	5,274.4
Telecommunications, computer, and information services	345.9	363.3	478.1	514.5	599.5	679.3	612.3	555.2	568.4	646.3
Other business services	9,738.7	10,254.5	12,693.2	10,213.9	10,527.9	10,844.0	10,952.2	11,887.2	11,089.5	14,082.8
Personal, cultural, and recreational services	20.3	19.6	20.8	23.3	20.8	19.3	29.4	29.8	31.8	37.2
Government goods and services, n.i.e.	214.8	255.8	171.1	219.4	292.7	313.2	310.3	317.9	283.5	277.7
TOTAL	34,429.6	41,333.3	46,097.4	45,671.4	47,402.8	45,247.3	42,518.3	43,511.4	46,668.3	55,173.6

 Source:
 ASEAN Secretariat

Notes:

* - not available at the time of publication

 1) Based on IMF Balance of Payments Manual, 6th Edition. Data on Maintenance and Repair Services are negligible; hence, included in Other Business Services

Table 6.23. Viet Nam Exports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	8,550.7	7,948.6	8,980.0
Maintenance and repair services n.i.e.	-	-	-	-	8.3	8.7	9.2	9.3	9.5	11.4
Transport	2,075.0	2,313.7	2,238.0	2,082.0	2,254.6	2,397.2	2,507.6	2,528.5	2,608.4	2,973.4
Travel	3,050.0	4,450.0	5,710.0	6,850.0	7,250.0	7,410.0	7,350.0	8,500.0	8,890.0	10,080.0
Construction	13.0	14.0	18.0	20.0	80.0	90.0	98.0	106.0	110.0	115.0
Insurance and pension services	65.0	70.0	81.0	64.0	60.0	58.0	55.0	56.0	57.0	61.0
Financial Services	175.0	192.0	208.0	150.0	183.0	175.0	180.0	181.0	186.0	190.0
Charges for the use of intellectual property n.i.e	19.0	20.6	25.0	28.0	3.0	3.0	3.5	3.8	4.0	4.5
Telecommunications, computer, and information services	170.0	187.3	215.0	218.5	432.0	419.0	491.0	530.0	582.0	651.0
Other business services	99.0	107.4	86.0	97.0	308.0	345.0	405.5	426.2	451.0	505.5
Personal, cultural, and recreational services	0.0	0.0	0.2	0.5	6.0	7.0	8.0	9.0	10.0	12.0
Government goods and services, n.i.e.	100.0	105.0	110.0	110.0	125.0	137.0	142.0	150.0	162.0	171.0
TOTAL	5,766.0	7,460.0	8,691.2	9,620.0	10,709.9	11,049.9	11,249.8	21,050.5	21,018.5	23,754.8

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.24. Viet Nam Imports of Services¹⁾, 2009-2018

(in US\$ million)

Service Heading	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	8.2	23.9	26.0
Maintenance and repair services n.i.e.	-	-	-	-	263.1	289.0	300.8	313.9	315.5	338.6
Transport	5,514.0	6,602.5	8,232.0	6,958.0	7,126.9	7,495.0	7,797.2	8,133.1	7,960.0	8,526.4
Travel	1,100.0	1,470.0	1,710.0	1,856.0	2,050.0	2,650.0	3,595.0	4,500.0	5,040.0	5,910.0
Construction	393.6	475.0	363.0	380.0	1,150.0	1,050.0	1,080.0	1,000.0	1,040.0	1,135.0
Insurance and pension services	406.0	481.0	567.0	874.0	911.0	1,020.0	1,015.0	800.0	660.0	687.0
Financial Services	153.0	195.0	217.0	175.0	460.0	480.0	486.0	488.0	507.0	520.0
Charges for the use of intellectual property n.i.e	65.6	76.0	97.0	110.0	556.0	570.0	608.0	550.0	555.0	606.0
Telecommunications, computer, and information services	85.8	110.5	106.0	107.0	250.0	271.0	289.0	297.0	287.0	315.0
Other business services	311.6	342.0	392.0	395.0	860.0	970.0	633.0	463.0	505.0	323.0
Personal, cultural, and recreational services	0.0	0.0	0.0	0.0	8.0	10.0	11.0	11.0	10.0	11.0
Government goods and services, n.i.e.	141.0	150.0	152.0	167.0	185.0	195.0	200.0	202.0	206.0	213.0
TOTAL	8,170.6	9,902.0	11,836.0	11,022.0	13,820.0	15,000.0	16,015.0	16,766.2	17,109.4	18,611.0

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
1) Based on IMF Balance of Payments Manual, 6th Edition

Table 6.25. Intra-ASEAN Exports of Services¹⁾, 2010-2018

(in US\$ million)

Service Heading	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	165.3	185.8	154.5	165.3	177.9	114.1	1,257.3	1,025.5	2,198.3
Maintenance and repair services n.i.e.	893.1	899.3	996.0	863.7	769.3	796.6	792.6	498.9	731.9
Transport	7,006.2	8,197.4	8,950.7	9,132.4	8,094.9	7,502.9	7,245.9	7,344.4	8,413.9
Travel	22,721.0	26,563.1	27,929.0	29,894.8	29,972.4	26,749.7	28,965.5	29,991.4	30,950.0
Construction	757.7	828.4	1,040.1	1,307.1	1,218.6	1,321.6	999.9	975.0	1,081.7
Insurance and pension services	569.3	716.1	1,013.3	1,020.4	1,340.9	1,426.1	1,495.9	1,475.2	1,671.7
Financial Services	1,160.6	1,259.9	1,305.2	1,481.6	1,410.7	1,503.1	1,712.7	1,979.8	2,025.9
Charges for the use of intellectual property n.i.e	412.2	475.1	519.7	591.1	620.4	556.8	501.3	562.6	625.8
Telecommunications, computer, and information services	1,594.9	1,973.2	2,253.5	2,496.1	2,725.2	2,913.6	2,916.2	3,283.5	3,440.9
Other business services	6,097.2	7,441.3	8,815.4	9,375.7	9,700.0	9,077.2	10,381.4	10,935.9	12,451.7
Personal, cultural, and recreational services	115.8	150.2	171.4	181.9	235.0	282.7	350.5	297.4	351.8
Government goods and services, n.i.e.	165.8	180.3	170.4	333.5	188.2	214.4	137.4	202.4	137.6
TOTAL	41,659.0	48,870.1	53,319.2	56,843.5	56,453.3	52,458.9	56,756.7	58,572.0	64,081.2

Source:
ASEAN Secretariat

Note:

1) Based on IMF Balance of Payments Manual, 6th Edition. Missing data for some Member States were estimated by ASEANstats.

Table 6.26. Intra-ASEAN Imports of Services¹⁾, 2010-2018

(in US\$ million)

Service Heading	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manufacturing services on physical inputs owned by others	667.5	677.1	710.8	676.4	733.8	847.7	992.4	969.7	1,063.7
Maintenance and repair services n.i.e.	127.8	144.8	229.9	345.5	290.3	399.0	312.9	294.0	356.2
Transport	9,730.2	11,051.7	11,076.4	11,301.9	12,140.1	11,425.5	10,321.2	11,451.1	12,377.5
Travel	17,103.9	20,221.9	23,894.5	25,548.2	26,120.4	23,413.9	21,743.8	22,991.1	23,433.5
Construction	571.1	649.9	1,132.2	1,414.4	1,179.8	1,059.6	894.5	712.0	1,051.5
Insurance and pension services	1,265.0	1,550.7	1,869.7	1,889.3	1,619.7	1,778.1	1,681.5	1,946.6	2,155.2
Financial Services	566.8	636.9	665.5	620.5	479.5	630.8	712.3	742.0	891.6
Charges for the use of intellectual property n.i.e	500.7	615.0	645.7	709.5	715.8	785.4	809.7	716.2	1,142.9
Telecommunications, computer, and information services	1,796.1	2,236.2	2,507.3	2,847.6	2,645.1	2,841.7	2,812.4	3,090.1	3,375.9
Other business services	6,747.3	8,496.5	8,911.5	10,713.1	10,232.5	10,209.2	10,948.5	10,872.5	11,427.5
Personal, cultural, and recreational services	152.8	155.3	206.7	265.7	309.8	249.5	206.7	339.8	471.9
Government goods and services, n.i.e.	126.8	81.0	126.8	151.7	206.9	119.3	207.8	257.1	254.7
TOTAL	39,356.0	46,517.0	51,977.0	56,483.7	56,673.8	53,759.7	51,643.9	54,382.2	58,002.0

Source:
ASEAN Secretariat

Note:

1) Based on IMF Balance of Payments Manual, 6th Edition. Missing data for some Member States were estimated by ASEANstats.



CHAPTER 7

Foreign Direct Investment (FDI)

Table 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Host Country, 2009-2018

(in US\$ million)

Host Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	371.4	625.4	1,208.3	864.8	725.5	568.2	171.3	-150.4	460.1	503.9
Cambodia	539.0	782.6	891.7	1,557.1	1,274.9	1,726.5	1,701.0	2,279.7	2,732.2	3,102.6
Indonesia	4,876.8	13,770.2	19,241.6	19,137.9	18,443.8	21,810.4	16,642.1	3,920.7	20,579.2	21,979.9
Lao PDR	318.6	332.6	466.8	294.4	426.7	913.2	1,079.2	1,075.7	1,695.4	1,319.6
Malaysia	1,405.1	9,155.9	12,000.9	9,400.0	12,107.1	10,875.3	10,180.0	11,290.3	9,295.8	8,071.6
Myanmar ¹⁾	963.3	2,248.8	2,058.2	1,354.2	2,620.9	946.2	2,824.5	2,989.5	4,002.4	1,609.8
Philippines	1,963.0	1,298.0	1,815.9	2,797.0	3,859.8	5,814.6	5,639.2	8,279.5	10,256.4	9,832.3
Singapore	18,916.8	57,214.1	39,886.6	60,101.9	56,670.9	73,284.5	59,702.3	73,864.4	75,734.5	77,630.5
Thailand	6,411.5	14,746.7	2,473.7	12,899.0	15,936.0	4,975.5	8,927.6	2,810.2	8,229.1	13,205.1
Viet Nam	7,600.0	8,000.0	7,519.0	8,368.0	8,900.0	9,200.1	11,800.0	12,600.0	14,100.0	15,500.0
ASEAN	43,365.4	108,174.2	87,562.8	116,774.3	120,965.5	130,114.5	118,667.1	118,959.5	147,085.2	152,755.3

Source:
ASEAN Secretariat

Notes:
1) Myanmar: figures are in fiscal year which ends in March of the following calendar year
Data for 2018 are preliminary figures

Table 7.2. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN¹⁾	8,807.8	16,306.4	15,836.7	23,900.8	18,464.2	22,180.9	20,819.3	25,728.8	25,474.2	23,188.4
REST OF THE WORLD	34,557.7	91,867.8	71,726.1	92,873.5	102,501.3	107,933.6	97,847.8	93,230.7	121,611.0	129,567.0
Australia	124.7	3,958.6	4,847.3	741.1	2,165.5	4,032.1	1,407.2	2,218.2	1,313.2	1,215.5
Canada	1,344.4	1,303.3	922.7	3,870.8	790.0	2,239.7	1,179.7	808.9	430.9	401.8
China	2,068.7	3,488.6	7,194.3	7,975.2	6,165.2	6,811.7	6,571.8	9,609.6	13,700.6	9,940.1
EU-28	5,659.9	21,145.2	24,419.3	-2,536.7	15,718.5	28,943.3	20,373.0	34,014.6	14,916.2	21,613.5
India	283.1	3,801.2	-2,106.2	7,040.7	1,731.2	1,163.5	1,473.4	-198.1	-107.5	1,516.1
Japan	3,451.1	12,987.0	7,797.6	14,852.8	24,608.6	13,436.1	12,962.3	14,241.9	16,149.0	20,954.5
Korea, Republic of	1,804.1	4,319.3	1,774.3	1,278.5	4,302.7	5,257.2	5,608.8	7,088.2	4,535.2	-223.0
New Zealand	-140.8	339.5	24.6	-945.8	270.0	496.3	-58.3	250.2	153.1	5,887.5
Russian Federation	141.5	54.5	10.1	189.1	608.0	-113.5	-24.4	63.4	47.8	55.7
USA	5,180.8	13,682.1	8,197.4	18,911.4	11,457.9	21,141.3	22,912.5	21,663.4	24,890.8	8,340.7
Others ²⁾	14,640.2	26,788.7	18,644.7	41,496.4	34,683.8	24,526.0	25,441.9	3,470.3	45,581.8	59,864.5
Total	43,365.4	108,174.2	87,562.8	116,774.3	120,965.5	130,114.5	118,667.1	118,959.5	147,085.2	152,755.3

Source:
ASEAN Secretariat

Notes:

- 1) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
 - 2) Includes unspecified country source for reinvested earning in Philippines and estimated extra-ASEAN for Lao PDR (2012 and 2013)
- Data for 2018 are preliminary figures

Chart 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2009-2018

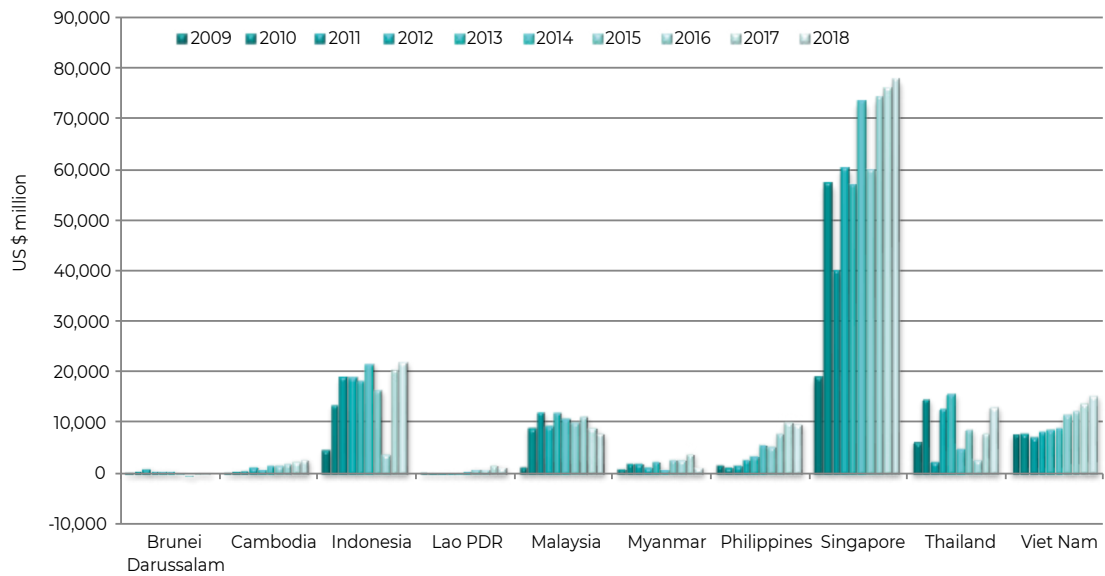


Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2009-2018

(in US\$ million)

Host Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7	535.3	63.3
Cambodia	174.0	349.0	223.8	523.0	298.8	372.5	425.4	635.8	603.5	788.7
Indonesia	1,380.1	5,904.2	8,334.5	7,587.9	8,721.1	13,083.7	9,228.6	9,907.5	10,189.7	11,842.0
Lao PDR	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6	171.2	202.5
Malaysia	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,098.7	2,219.2	474.3
Myanmar	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9	2,590.4	910.8
Philippines	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	608.3	725.5	989.7
Singapore	4,076.0	5,715.1	1,991.6	12,057.3	3,495.7	4,734.5	3,050.4	6,353.7	4,094.2	3,394.6
Thailand	2,685.9	2,220.9	952.2	-745.4	528.2	-940.7	433.6	2,003.4	1,814.0	1,671.2
Viet Nam	428.7	1,300.9	1,517.3	1,262.5	2,078.6	1,547.1	2,153.5	2,306.6	2,531.2	2,851.3
ASEAN¹⁾	8,807.8	16,306.4	15,836.7	23,900.8	18,464.2	22,180.9	20,819.3	25,728.8	25,474.2	23,188.4

Source:
ASEAN Secretariat

Notes:

1) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat

Data for 2018 are preliminary figures

Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	133.0	-35.1	156.4	845.9	225.4	-593.1	52.5	231.6	38.5	-63.2
Cambodia	-8.4	17.2	33.1	2.4	-1.6	20.4	47.1	-7.4	20.4	42.3
Indonesia	1,271.0	1,311.4	1,888.5	6,307.3	2,314.1	1,173.4	838.1	2,462.8	1,652.0	1,146.6
Lao PDR	1.5	34.5	0.4	0.1	1.1	1.8	2.2	23.9	6.7	29.5
Malaysia	3,495.4	3,848.5	3,370.9	3,894.9	1,385.3	1,647.1	3,743.6	4,331.3	3,769.2	1,690.9
Myanmar	72.3	69.9	118.5	98.7	95.8	101.0	29.5	49.5	0.1	-40.0
Philippines	-313.6	-76.7	-557.2	867.8	-321.9	334.1	905.0	400.1	353.4	1,235.6
Singapore	3,330.1	8,931.4	12,716.8	9,814.7	13,267.9	15,721.2	13,702.2	15,459.5	17,486.6	16,022.9
Thailand	675.7	1,764.7	-2,205.0	1,477.5	1,022.1	3,598.5	1,084.7	2,574.1	1,712.6	2,547.9
Viet Nam	143.9	413.6	290.2	442.7	338.5	304.0	399.3	164.1	403.3	515.3
Unspecified	6.9	27.1	24.1	148.8	137.5	-127.7	15.1	39.3	31.4	60.6
ASEAN¹⁾	8,807.8	16,306.4	15,836.7	23,900.8	18,464.2	22,180.9	20,819.3	25,728.8	25,474.2	23,188.4

Source:
ASEAN Secretariat

Notes:

1) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
Data for 2018 are preliminary figures

Chart 7.2. Foreign Direct Investment (FDI) to ASEAN by Host Country, 2009

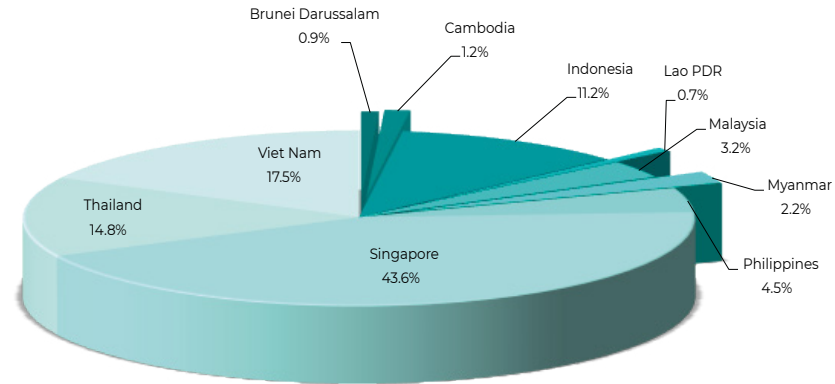


Chart 7.3. Foreign Direct Investment (FDI) to ASEAN by Host Country, 2018

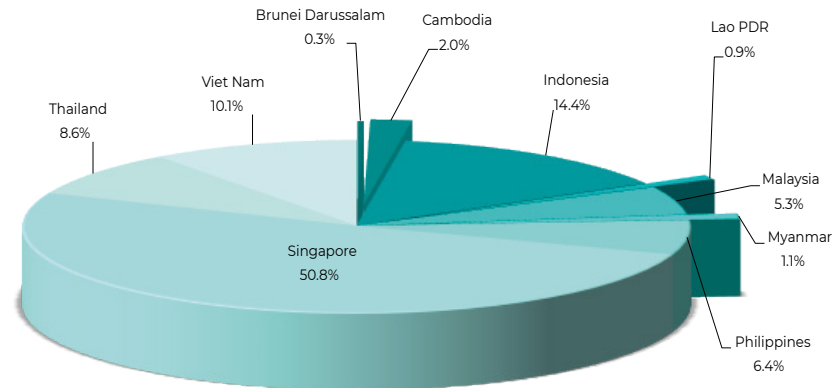


Chart 7.4. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2009-2018

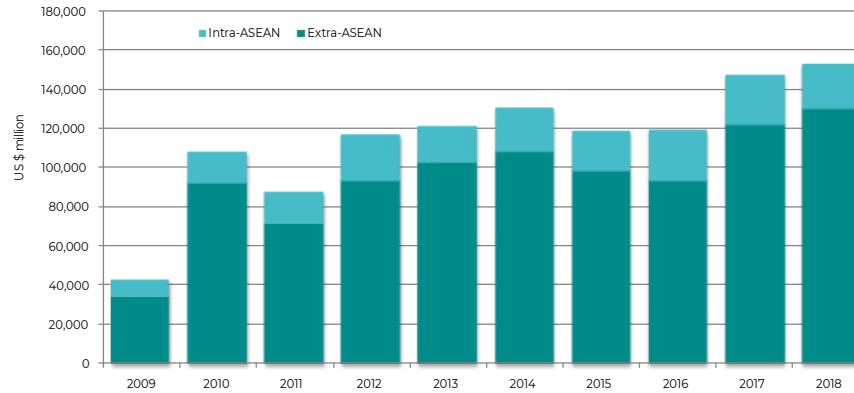


Chart 7.5. ASEAN Top Ten Foreign Direct Investment (FDI) by Source Country, 2018

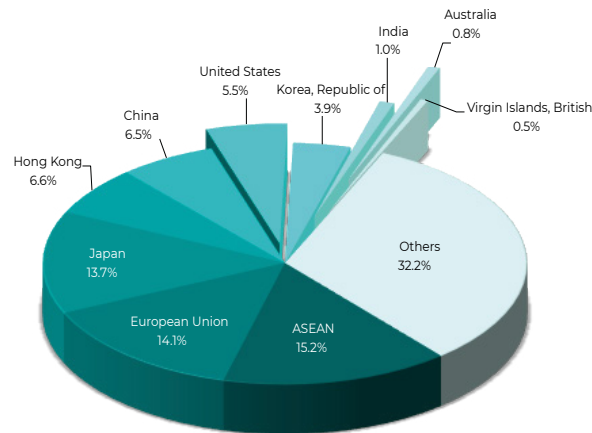


Table 7.5. Foreign Direct Investment (FDI) Inward Flows to Brunei Darussalam by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7	535.3	63.3
REST OF THE WORLD	368.3	535.9	1,140.8	833.3	783.5	427.0	84.7	-85.8	-75.1	440.6
Australia	0.0	2.5	1.6	4.0	0.0	0.5	-3.8	0.8	-1.0	0.1
Canada	0.0	0.0	0.0	0.8	25.6	60.7	0.5	0.7	-0.4	2.1
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
EU-28	295.8	447.9	983.6	615.3	601.6	367.0	83.8	-176.0	-586.8	-343.4
India	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	63.5	47.6	126.5	55.6	15.8	26.6	-37.3	-3.4	-11.9	62.6
Korea, Republic of	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	5.0	33.4	26.8	32.1	-5.3	-38.8	-7.1	2.2	-1.0	0.2
Others	0.7	3.1	1.9	125.6	145.7	11.1	48.5	90.0	526.0	716.7
Total	371.4	625.4	1,208.3	864.8	725.5	568.2	171.3	-150.4	460.1	503.9

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.6. Foreign Direct Investment (FDI) Inward Flows to Cambodia by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	174.0	349.0	223.8	523.0	298.8	372.5	425.4	635.8	603.5	788.7
REST OF THE WORLD	365.0	433.6	667.9	1,034.1	976.1	1,354.0	1,275.6	1,643.9	2,128.7	2,313.9
Australia	5.2	36.9	20.1	23.1	19.1	33.3	31.9	35.0	31.6	19.8
Canada	8.4	6.9	6.4	5.2	-6.8	4.5	15.0	26.4	69.1	100.6
China	97.3	126.9	179.7	367.8	286.8	553.9	537.7	501.5	618.1	798.2
EU-28	26.7	43.3	54.3	126.1	115.5	138.8	180.1	194.0	213.5	168.2
India	28.0	1.0	8.5	12.0	6.1	3.3	0.5	2.3	9.0	4.7
Japan	7.4	6.4	21.9	13.8	38.5	84.9	52.5	198.7	226.6	199.2
Korea, Republic of	98.2	46.7	138.6	161.7	178.2	106.3	72.0	139.6	177.0	249.9
New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2
Russian Federation	12.8	10.3	10.8	10.8	10.8	2.3	0.0	0.0	0.5	0.0
USA	6.0	16.2	17.2	16.1	33.9	50.3	40.6	53.4	74.4	59.3
Others	75.1	138.9	210.5	297.6	294.1	376.4	345.4	492.8	708.3	713.6
Total	539.0	782.6	891.7	1,557.1	1,274.9	1,726.5	1,701.0	2,279.7	2,732.2	3,102.6

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.7. Foreign Direct Investment (FDI) Inward Flows to Indonesia by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	1,380.1	5,904.2	8,334.5	7,587.9	8,721.1	13,083.7	9,228.6	9,907.5	10,189.7	11,842.0
REST OF THE WORLD	3,496.7	7,866.0	10,907.2	11,550.0	9,722.7	8,726.7	7,413.5	-5,986.8	10,389.5	10,137.9
Australia	262.7	894.3	486.7	115.8	222.3	187.6	-64.0	-5.9	174.5	86.6
Canada	14.7	106.5	145.6	187.4	166.4	106.5	80.6	-2.9	-27.3	-21.1
China	359.2	353.6	214.9	335.1	590.8	1,068.2	323.5	354.8	1,993.8	2,142.5
EU-28	298.5	16.7	2,994.1	-225.9	-625.6	345.3	-1.9	1,554.4	5,348.8	-1,215.0
India	6.0	5.7	-0.1	7.9	8.2	3.1	36.7	54.2	40.0	196.2
Japan	895.9	3,729.5	6,175.0	7,961.7	5,557.0	5,792.6	4,010.1	2,498.9	3,912.5	4,937.4
Korea, Republic of	80.5	339.9	724.5	692.0	980.8	952.8	227.6	199.4	15.7	332.8
New Zealand	0.0	0.0	-0.2	0.0	0.1	19.2	7.1	0.3	-19.8	1.3
Russian Federation	0.0	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	1.0	0.7
USA	159.3	571.8	-437.7	830.2	1,063.9	-1,098.1	603.0	-335.0	-2,457.8	1,067.2
Others	1,419.9	1,848.2	604.3	1,645.8	1,759.0	1,349.5	2,190.7	-10,305.0	1,408.0	2,609.3
Total	4,876.8	13,770.2	19,241.6	19,137.9	18,443.8	21,810.4	16,642.1	3,920.7	20,579.2	21,979.9

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.8. Foreign Direct Investment (FDI) Inward Flows to Lao PDR by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN¹⁾	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6	171.2	202.5
REST OF THE WORLD	261.3	197.2	391.8	0.0	322.1	775.3	857.3	879.1	1,524.2	1,117.2
Australia	0.0	4.3	2.7	n.a	n.a	15.8	2.1	7.5	10.8	0.3
Canada	0.0	0.0	0.1	n.a	n.a	0.4	0.0	0.7	0.4	1.1
China	36.1	45.6	278.3	n.a	n.a	614.3	665.1	710.0	1,313.6	1,044.9
EU-28	11.0	27.5	3.1	n.a	n.a	51.2	24.5	15.7	13.2	-2.8
India	3.0	0.0	0.0	n.a	n.a	0.9	2.5	4.2	6.2	1.2
Japan	13.5	8.3	12.1	n.a	n.a	2.1	75.8	44.2	70.3	47.7
Korea, Republic of	5.9	1.7	2.0	n.a	n.a	12.6	45.7	77.3	102.4	24.9
New Zealand	0.0	0.0	0.1	n.a	n.a	0.0	0.0	0.0	0.0	0.0
Russian Federation	0.9	5.2	5.4	n.a	n.a	0.0	1.4	0.9	-13.0	-8.0
USA	0.0	1.2	0.0	n.a	n.a	0.2	8.9	3.2	0.2	0.0
Others ²⁾	190.8	103.4	88.1	n.a	n.a	77.9	31.4	15.3	20.1	7.8
Total	318.6	332.6	466.8	294.4	426.7	913.2	1,079.2	1,075.7	1,695.4	1,319.6

Source:
ASEAN Secretariat

Notes:

- 1) Intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
 2) Includes estimated extra-ASEAN for Lao PDR (2012 and 2013)
 Data for 2018 are preliminary figures

Table 7.9. Foreign Direct Investment (FDI) Inward Flows to Malaysia by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,098.7	2,219.2	474.3
REST OF THE WORLD	1,465.3	8,630.2	9,336.6	6,586.1	9,957.1	8,591.3	7,248.6	9,191.6	7,076.6	7,597.3
Australia	181.9	6.6	158.0	539.2	121.5	-127.0	-159.2	-131.2	-408.5	58.0
Canada	43.6	-2.3	7.2	23.7	38.9	83.2	60.1	-6.3	-8.9	-23.4
China	-121.4	-6.4	-15.3	33.7	94.2	302.2	323.6	1,407.8	1,588.0	177.0
EU-28	2,396.1	1,979.6	2,587.3	1,521.8	1,736.8	2,984.3	1,376.9	1,409.6	2,366.0	2,236.2
India	108.0	40.5	-60.7	-22.8	-26.9	6.7	-11.5	-55.7	-61.5	168.4
Japan	162.7	908.5	3,153.7	1,887.1	2,569.5	670.0	2,538.8	850.8	1,164.4	1,194.4
Korea, Republic of	108.4	1,460.5	142.3	-58.2	-165.0	-254.4	152.4	359.7	216.7	13.8
New Zealand	-24.5	2.8	58.1	97.5	131.2	219.8	44.8	-1.2	62.9	-134.4
Russian Federation	-3.4	-7.3	-4.3	43.6	8.8	-22.9	-24.3	-4.6	1.3	-0.8
USA	-2,278.5	2,491.8	1,171.9	-670.5	186.9	-520.1	1,491.3	1,174.0	-1,160.0	1,627.2
Others	892.4	1,755.9	2,138.5	3,190.9	5,261.2	5,249.6	1,455.8	4,188.7	3,316.2	2,280.9
Total	1,405.1	9,155.9	12,000.9	9,400.0	12,107.1	10,875.3	10,180.0	11,290.3	9,295.8	8,071.6

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.10. Foreign Direct Investment (FDI) Inward Flows to Myanmar by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9	2,590.4	910.8
REST OF THE WORLD	895.5	2,223.3	1,973.6	1,203.0	1,434.1	262.6	593.8	1,306.6	1,412.0	699.0
Australia	0.0	4.4	12.4	1.7	0.1	0.2	0.0	0.7	0.6	16.9
Canada	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	2.8	15.9
China	370.7	1,520.9	670.6	482.2	792.6	70.5	52.4	205.5	554.4	75.3
EU-28	97.8	214.8	369.3	664.2	296.2	28.3	202.9	839.0	447.3	176.8
India	0.0	13.6	1.5	0.0	7.3	0.7	8.1	1.6	-98.1	-215.5
Japan	0.2	0.2	2.2	31.1	36.0	37.7	95.1	16.0	207.7	289.1
Korea, Republic of	0.0	0.0	0.0	0.0	0.0	11.1	37.0	35.3	-189.2	-462.6
New Zealand	65.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Russian Federation	0.0	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	0.0	0.0	103.2	0.0	0.0	0.0	0.0	43.3	21.6	55.3
Others	361.6	469.4	786.1	23.8	301.8	114.1	198.2	165.0	464.9	747.7
Total	963.3	2,248.8	2,058.2	1,354.2	2,620.9	946.2	2,824.5	2,989.5	4,002.4	1,609.8

Source:
ASEAN Secretariat

Notes:
Myanmar: figures are in fiscal year which ends in March of the following calendar year
Data for 2018 are preliminary figures

Table 7.11. Foreign Direct Investment (FDI) Inward Flows to Philippines by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN ¹⁾	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	608.3	725.5	989.7
REST OF THE WORLD	1,967.9	1,257.8	1,890.0	2,651.8	3,901.5	5,677.5	5,581.9	7,671.3	9,530.9	8,842.6
Australia	-0.3	-12.2	-0.4	234.9	3.2	84.0	41.3	27.2	-2.6	-147.9
Canada	-3.7	4.4	5.8	0.1	0.1	31.6	-3.8	15.8	-5.1	-7.3
China	-3.3	0.2	-4.1	-1.6	6.0	46.6	59.0	16.9	28.8	198.7
EU-28	-66.6	-1,482.3	-306.5	146.1	47.2	376.8	1,182.8	1,671.6	1,786.9	340.4
India	0.0	0.0	-1.6	-0.4	-0.1	-2.8	0.9	-6.0	8.8	0.7
Japan	591.4	17.7	255.7	52.8	437.5	408.1	472.0	2,727.1	72.1	218.9
Korea, Republic of	14.5	6.5	20.6	3.7	2.4	576.5	131.2	176.6	13.0	48.5
New Zealand	0.0	0.0	0.6	-0.1	-0.3	-0.2	0.0	0.8	-0.2	-1.4
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3	0.0	0.0
USA	719.7	1,294.3	577.6	870.8	-653.2	2,307.1	1,790.8	1,136.0	472.9	160.4
Others ²⁾	716.4	1,429.4	1,342.3	1,345.7	4,058.6	1,849.7	1,907.7	1,905.0	7,156.4	8,031.5
Total	1,963.0	1,298.0	1,815.9	2,797.0	3,859.8	5,814.6	5,639.2	8,279.5	10,256.4	9,832.3

Source:
ASEAN Secretariat

Notes:

- 1) Excludes reinvested earnings in the Philippines
 - 2) Includes unspecified country source for reinvested earnings in Philippines
- Data for 2018 are preliminary figures

Table 7.12. Foreign Direct Investment (FDI) Inward Flows to Singapore by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	4,076.0	5,715.1	1,991.6	12,057.3	3,495.7	4,734.5	3,050.4	6,353.7	4,094.2	3,394.6
REST OF THE WORLD	14,840.8	51,499.0	37,895.0	48,044.6	53,175.2	68,550.0	56,651.9	67,510.7	71,640.3	74,235.9
Australia	-485.5	3,028.6	4,068.7	-460.0	1,403.3	3,696.2	792.8	2,010.6	1,364.5	867.4
Canada	481.5	387.6	687.8	1,291.2	425.3	926.8	782.9	662.8	509.9	274.4
China	1,049.3	699.3	5,466.7	5,969.6	2,507.9	4,167.8	3,991.3	4,371.8	6,679.0	3,761.5
EU-28	1,336.0	16,928.7	15,991.1	-7,442.8	14,313.4	23,877.7	15,265.7	32,336.4	3,819.1	17,924.7
India	93.4	3,642.5	-2,096.8	6,981.5	1,675.4	1,188.3	1,368.1	-283.6	-125.0	1,264.3
Japan	0.3	2,816.9	-1,826.7	-1,718.9	2,661.9	3,014.0	1,794.1	3,584.0	3,795.3	4,996.2
Korea, Republic of	540.6	948.0	-101.3	-309.6	823.3	356.3	1,312.5	2,435.5	693.5	2,304.5
New Zealand	-138.9	333.1	-39.7	-1,050.2	133.6	250.9	-117.1	239.0	105.6	-98.6
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	3,305.5	6,915.2	6,465.0	13,784.2	9,923.0	18,287.2	17,783.6	18,940.7	27,719.8	4,320.3
Others	8,658.6	15,799.1	9,280.2	30,999.6	19,308.1	12,784.8	13,678.0	3,213.5	27,078.6	38,621.2
Total	18,916.8	57,214.1	39,886.6	60,101.9	56,670.9	73,284.5	59,702.3	73,864.4	75,734.5	77,630.5

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.13. Foreign Direct Investment (FDI) Inward Flows to Thailand by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	2,685.9	2,220.9	952.2	-745.4	528.2	-940.7	433.6	2,003.4	1,814.0	1,671.2
REST OF THE WORLD	3,725.6	12,525.8	1,521.5	13,644.4	15,407.8	5,916.2	8,494.0	806.8	6,415.1	11,534.0
Australia	124.7	-23.4	6.3	276.5	343.8	79.5	661.9	42.0	80.7	48.0
Canada	793.5	782.7	50.2	2,351.5	130.0	900.7	241.2	76.5	-127.4	22.0
China	169.1	633.4	20.9	598.5	938.9	-221.3	238.1	1,071.9	72.9	662.4
EU-28	980.4	1,276.5	843.4	1,515.4	-1,117.0	221.7	1,065.1	-4,378.9	710.6	1,539.4
India	43.5	92.4	32.5	52.3	59.9	-55.6	-3.9	31.9	39.5	22.4
Japan	1,535.0	4,400.0	-1,370.4	3,706.7	10,927.2	2,430.9	3,006.3	2,986.8	3,131.6	5,250.9
Korea, Republic of	278.1	180.2	97.2	131.1	716.3	247.9	142.6	27.2	168.4	223.7
New Zealand	11.6	3.3	5.6	7.1	4.8	4.9	1.1	1.6	2.6	6.5
Russian Federation	13.9	15.6	-49.7	61.3	167.9	-97.8	-7.8	37.4	40.9	45.2
USA	-43.8	1,431.0	143.4	3,966.5	857.2	2,023.0	1,083.1	438.6	-120.5	810.1
Others	-180.2	3,733.8	1,742.2	977.5	2,379.0	382.4	2,066.3	471.7	2,416.0	2,903.3
Total	6,411.5	14,746.7	2,473.7	12,899.0	15,936.0	4,975.5	8,927.6	2,810.2	8,229.1	13,205.1

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.14. Foreign Direct Investment (FDI) Inward Flows to Viet Nam by Source Country, 2009-2018

(in US\$ million)

Source Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASEAN	428.7	1,300.9	1,517.3	1,262.5	2,078.6	1,547.1	2,153.5	2,306.6	2,531.2	2,851.3
REST OF THE WORLD	7,171.3	6,699.1	6,001.7	7,105.5	6,821.4	7,653.0	9,646.5	10,293.4	11,568.8	12,648.7
Australia	36.1	16.6	91.2	5.8	52.2	62.1	104.3	231.4	62.5	266.2
Canada	6.6	17.6	19.7	11.1	10.5	125.2	3.1	35.0	17.8	37.5
China	111.7	115.1	382.6	190.0	948.2	209.6	381.0	969.4	852.0	1,077.3
EU-28	284.2	1,692.4	899.6	543.1	350.4	552.1	993.2	548.8	797.6	789.1
India	1.2	4.1	10.2	10.1	1.1	18.9	72.1	53.1	73.7	73.5
Japan	181.3	1,051.9	1,247.6	2,862.9	2,365.2	969.2	955.0	1,338.9	3,580.4	3,758.1
Korea, Republic of	612.8	1,335.7	750.4	657.9	1,766.8	3,248.2	3,488.0	3,637.6	3,337.7	3,152.0
New Zealand	7.8	0.2	0.0	0.0	0.6	1.8	5.7	9.6	1.4	3.3
Russian Federation	117.4	31.0	19.8	73.3	420.5	4.8	6.2	29.3	17.1	18.6
USA	3,307.4	927.1	130.0	82.1	51.6	130.5	118.1	207.0	341.4	240.6
Others	2,505.0	1,507.5	2,450.5	2,669.3	854.3	2,330.6	3,519.8	3,233.3	2,487.3	3,232.5
Total	7,600.0	8,000.0	7,519.0	8,368.0	8,900.0	9,200.1	11,800.0	12,600.0	14,100.0	15,500.0

Source:
ASEAN Secretariat

Note:
Data for 2018 are preliminary figures

Table 7.15. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2015-2018

2015			2016			2017			2018		
Country	Value (US\$ Million)	Share (%)	Country	Value (US\$ Million)	Share (%)	Country	Value (US\$ Million)	Share (%)	Country	Value (US\$ Million)	Share (%)
United States	22,912.5	19.3	EU-28	34,014.6	28.6	ASEAN	25,474.2	17.3	ASEAN	23,188.4	15.2
ASEAN	20,819.3	17.5	ASEAN	25,728.8	21.6	United States	24,890.8	16.9	EU-28	21,613.5	14.1
EU-28	20,373.0	17.2	United States	21,663.4	18.2	Japan	16,149.0	11.0	Japan	20,954.5	13.7
Japan	12,962.3	10.9	Japan	14,241.9	12.0	EU-28	14,916.2	10.1	Hong Kong	10,111.0	6.6
China	6,571.8	5.5	Hong Kong	9,860.7	8.3	China	13,700.6	9.3	China	9,940.1	6.5
Korea, Republic of	5,608.8	4.7	China	9,609.6	8.1	Hong Kong	6,254.3	4.3	United States	8,340.7	5.5
Taiwan, Province of China	2,544.0	2.1	Korea, Republic of	7,088.2	6.0	Korea, Republic of	4,535.2	3.1	Korea, Republic of	5,887.5	3.9
Switzerland	1,923.0	1.6	Taiwan, Province of China	3,494.1	2.9	Switzerland	2,795.9	1.9	India	1,516.1	1.0
British Virgin Islands	1,902.1	1.6	Australia	2,218.2	1.9	Taiwan, Province of China	2,068.7	1.4	Australia	1,215.5	0.8
India	1,473.4	1.2	Canada	808.9	0.7	Australia	1,313.2	0.9	Virgin Islands, British	757.3	0.5
Top Ten Countries	97,090.3	81.8	Top Ten Countries	128,728.4	108.2	Top Ten Countries	112,098.0	76.2	Top Ten Countries	103,524.6	67.8
Others	21,576.8	18.2	Others	-9,769.0	-8.2	Others	34,987.2	23.8	Others	49,230.7	32.2
TOTAL	118,667.1	100.0	TOTAL	118,959.5	100.0	TOTAL	147,085.2	100.0	TOTAL	152,755.3	100.0

Source:
ASEAN Secretariat

CHAPTER 8

Transport



Table 8.1. ASEAN Road Infrastructure, 2009-2018

Road Infrastructure	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Length (Km)	2009	2,753.3	39,618.0	476,337.0	39,547.0	123,021.0	127,900.0	29,898.1	3,360.0	224,492.6	290,700.0
	2010	2,763.4	44,919.0	487,314.0	39,586.0	135,478.0	136,749.0	31,242.4	3,380.0	229,430.6	295,100.0
	2011	2,868.7	44,919.0	496,607.0	41,032.0	157,167.0	150,816.0	31,359.0	3,410.0	231,215.6	300,848.0
	2012	2,908.8	51,422.0	504,184.0	43,601.0	182,699.0	151,298.0	31,597.7	3,430.0	231,789.6	326,000.0
	2013	2,935.8	51,404.0	508,000.0	45,825.0	205,948.5	164,969.0	32,227.0	3,453.0	232,195.6	334,845.0
	2014	2,976.1	55,026.0	517,753.0	51,596.0	205,786.9	165,723.2	32,526.0	3,496.0	233,174.6	357,222.0
	2015	2,998.5	58,000.0	523,974.0	56,330.0	216,834.3	147,821.6	32,633.4	3,500.0	234,072.6	360,216.0
	2016	3,049.0	58,946.0	537,838.0	58,885.0	238,823.1	164,028.1	32,770.3	3,512.0	454,025.2	368,779.0
	2017	3,053.0	61,508.4	539,415.0	59,870.0	237,022.4	164,376.8	32,868.1	3,500.0	457,221.2	370,664.0
2018	3,059.0	62,442.0	-	-	-	162,766.2	32,932.7	3,515.0	456,486.8	-	
Length of Paved Network (Km)	2009	2,317.0	2,661.0	271,230.0	5,434.0	98,368.0	26,333.0	22,468.7	3,356.0	177,996.4	188,082.8
	2010	2,338.5	2,852.0	277,755.0	5,427.0	109,625.0	28,569.0	24,126.6	3,377.0	185,168.4	190,149.5
	2011	2,467.1	3,881.0	283,102.0	5,703.0	127,517.0	33,014.0	24,834.4	3,412.0	186,503.4	197,682.0
	2012	2,707.4	5,474.0	283,102.0	6,496.3	143,012.0	32,535.0	25,443.4	3,426.0	187,207.4	216,000.0
	2013	2,742.6	5,619.0	285,252.0	6,888.0	159,783.6	39,076.0	26,773.0	3,453.0	188,348.4	218,000.0
	2014	2,783.1	7,576.0	295,968.0	8,272.0	156,691.9	38,423.1	27,816.0	3,496.0	189,166.4	222,000.0
	2015	2,804.7	6,549.5	317,119.0	8,830.3	166,054.3	37,119.3	28,919.2	3,500.0	190,077.4	229,790.6
	2016	2,857.0	8,800.0	326,629.0	9,044.0	182,198.0	37,662.5	30,010.0	3,512.0	322,999.4	254,340.4
	2017	2,860.0	10,685.3	-	9,251.0	181,518.5	39,496.5	31,035.3	3,500.0	327,431.2	262,857.3
2018	2,863.0	11,096.4	-	-	-	53,418.3	31,622.8	3,515.0	327,772.5	-	

Source:
ASEAN Secretariat
AMS' website

Note:
. not available at the time of publication

Table 8.2. ASEAN Road Fleet, 2009-2018

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total number of registered road motor vehicles in ('000)	2009	165.8	307.1	67,336.6	886.3	19,017.0	2,068.0	6,220.0	926.0	27,184.6	1,138.0
	2010	113.7	261.0	76,907.1	1,008.9	20,189.0	2,299.0	6,634.9	946.0	28,484.8	1,274.0
	2011	148.2	251.7	85,601.4	1,089.6	21,401.0	2,354.0	7,139.0	957.0	30,194.9	1,463.0
	2012	238.0	271.2	94,373.0	1,288.3	22,702.0	3,614.3	7,463.0	969.9	32,477.0	1,590.0
	2013	261.0	282.1	103,913.0	1,439.0	23,819.0	4,017.0	7,690.0	974.2	34,624.4	1,669.0
	2014	294.0	344.2	113,354.0	1,577.2	25,101.2	4,908.0	8,081.0	972.0	35,835.2	1,837.0
	2015	391.0	398.5	120,786.0	1,717.5	26,302.0	5,385.0	8,707.0	957.2	36,731.0	2,107.0
	2016	390.4	525.8	128,069.0	1,850.0	27,613.3	6,126.3	9,252.0	956.4	37,338.1	2,516.0
	2017	409.0	441.8	130,562.0	1,978.0	28,738.2	6,801.0	10,411.0	961.8	38,308.8	2,902.0
2018	426.0	580.9	-	2,105.0	-	7,215.5	11,595.0	957.0	39,551.8	-	
Number of public buses ('000)	2009	1.16	-	18.9	-	-	25.0	26.0	4.1	84.7	-
	2010	1.08	-	20.8	-	-	28.0	23.0	4.0	87.5	86.0
	2011	1.59	-	21.2	-	-	25.0	25.0	4.1	89.1	70.7
	2012	0.11	-	21.7	0.03	-	23.0	27.0	4.2	88.9	78.5
	2013	0.11	-	22.9	0.04	42.0	24.0	24.0	5.0	87.5	-
	2014	0.12	-	22.5	0.05	42.8	83.1	17.0	5.0	86.4	-
	2015	0.12	-	23.5	0.06	44.6	29.2	18.0	5.0	85.8	-
	2016	0.12	-	22.7	0.07	45.2	33.0	17.0	5.0	83.8	-
	2017	0.14	-	16.2	0.07	40.1	33.0	19.0	5.0	78.9	-
2018	-	-	-	0.70	-	33.0	19.0	6.0	75.8	-	

Table 8.2. ASEAN Road Fleet, 2009-2018 (Continued)

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Vehicles per 1000 population	2009	436.3	21.8	291.0	144.6	677.2	41.3	67.4	185.7	406.3	13.2
	2010	293.8	18.2	328.4	161.3	706.2	45.5	71.2	186.3	432.1	14.7
	2011	376.7	17.3	353.7	170.6	736.4	46.9	75.3	184.6	456.0	16.7
	2012	595.3	18.4	384.5	197.8	769.3	71.3	77.3	182.6	488.4	17.9
	2013	642.5	19.2	417.6	216.6	788.4	78.5	78.3	180.4	518.7	18.6
	2014	713.8	23.1	449.5	231.6	817.4	94.4	80.9	177.7	534.8	20.2
	2015	948.1	26.2	472.8	264.6	843.4	102.7	85.7	172.9	546.3	23.0
	2016	935.6	34.0	495.0	279.4	872.9	115.8	89.6	170.6	553.5	27.1
	2017	952.2	28.1	498.5	292.9	897.4	127.4	99.2	171.4	566.3	31.0
	2018	962.9	36.3	-	305.6	-	134.6	108.8	169.7	583.1	-
Number of public buses per 1000 population	2009	3.0	-	0.1	-	-	0.5	0.3	0.8	1.3	-
	2010	2.8	-	0.1	-	-	0.6	0.2	0.8	1.3	1.0
	2011	4.0	-	0.1	-	-	0.5	0.3	0.8	1.3	0.8
	2012	0.3	-	0.1	0.005	-	0.5	0.3	0.8	1.3	0.9
	2013	0.3	-	0.1	0.005	1.4	0.5	0.2	0.9	1.3	-
	2014	0.3	-	0.1	0.007	1.4	1.6	0.2	0.9	1.3	-
	2015	0.3	-	0.1	0.009	1.4	0.6	0.2	0.9	1.3	-
	2016	0.3	-	0.1	0.010	1.4	0.6	0.2	0.9	1.2	-
	2017	0.3	-	0.1	0.010	1.3	0.6	0.2	0.9	1.2	-
	2018	-	-	-	0.102	-	0.6	0.2	1.1	1.1	-

Source:
ASEAN Secretariat
AMS' website

Note:
“-” not available at the time of publication

Table 8.3. ASEAN Railways, 2009-2018

Railways, Passengers and Freights	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Route Length (Km)	2009	n.a.	652.0	4,812.0	n.a.	1,665.0	5,301.3	523.2	n.a.	4,062.6	2,576.6
	2010	n.a.	652.0	4,816.0	3.5	1,665.1	5,672.2	528.7	n.a.	4,091.1	2,576.6
	2011	n.a.	652.0	4,827.0	3.5	1,641.4	5,844.0	528.7	n.a.	4,091.1	2,600.0
	2012	n.a.	652.0	4,861.0	3.5	1,641.4	5,844.0	528.7	n.a.	4,091.1	2,600.0
	2013	n.a.	650.0	5,107.0	3.5	1,641.4	5,959.0	528.7	n.a.	4,091.1	3,143.0
	2014	n.a.	650.0	5,196.0	3.5	1,641.0	6,110.5	528.7	n.a.	4,091.1	3,143.0
	2015	n.a.	650.0	5,334.3	3.5	1,641.4	6,110.5	528.7	n.a.	4,091.1	3,147.0
	2016	n.a.	650.0	5,368.2	3.5	1,641.4	6,076.7	528.7	n.a.	4,114.1	3,160.0
	2017	n.a.	650.0	5,550.6	3.5	1,833.0	6,112.3	528.7	n.a.	4,115.1	3,160.0
	2018	n.a.	650.0	-	3.5	-	6,112.3	528.7	n.a.	4,115.1	-
Passengers Carried ('000)	2009	n.a.	n.a.	207,131.0	n.a.	4,267.0	72,300.0	365,065.2	n.a.	111,687.8	11,100.0
	2010	n.a.	n.a.	201,930.0	120.0	4,216.0	68,800.0	381,997.0	n.a.	110,642.7	11,200.0
	2011	n.a.	n.a.	191,686.0	120.0	3,686.0	66,900.0	395,336.1	n.a.	124,917.5	11,900.0
	2012	n.a.	n.a.	202,881.0	340.0	3,056.0	54,800.0	431,196.0	n.a.	136,530.5	12,200.0
	2013	n.a.	n.a.	220,414.1	320.0	2,703.0	53,700.0	438,777.2	n.a.	139,154.5	12,100.0
	2014	n.a.	n.a.	277,683.0	380.0	2,223.0	49,536.0	435,583.2	n.a.	145,854.6	12,000.0
	2015	n.a.	n.a.	327,824.0	380.0	2,014.0	42,707.0	340,885.7	n.a.	149,458.6	11,200.0
	2016	n.a.	14.0	358,000.0	308.0	2,791.0	42,602.0	370,813.2	n.a.	157,984.8	9,800.0
	2017	n.a.	39.1	360,176.8	320.0	3,092.0	46,937.0	379,074.4	n.a.	177,059.9	9,500.0
	2018	n.a.	0.6	422,129.0	320.0	3,527.0	43,611.0	296,000.0	n.a.	191,973.8	8,600.0

Table 8.3. ASEAN Railways, 2009-2018 (Continued)

Railways, Passengers and Freights	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Passenger-Kilometer (Mn passenger-kilometer)	2009	n.a.	-	20.7	n.a.	1,522.0	5,296.4	28,004.2	n.a.	8,879.5	4,138.1
	2010	n.a.	-	20.3	0.4	1,528.9	5,335.6	31,404.0	n.a.	8,414.5	4,377.9
	2011	n.a.	-	17.8	0.5	1,425.6	5,281.5	32,500.6	n.a.	7,859.3	4,571.0
	2012	n.a.	-	15.3	0.9	1,216.1	3,921.2	35,448.6	n.a.	7,981.6	4,600.6
	2013	n.a.	-	17.6	0.9	1,080.9	3,610.1	36,071.9	n.a.	7,233.0	4,416.6
	2014	n.a.	-	15.2	1.2	618.0	3,465.9	35,809.3	n.a.	6,957.7	4,481.9
	2015	n.a.	-	22.1	0.9	428.0	3,110.5	28,024.2	n.a.	6,638.9	4,149.6
	2016	n.a.	-	21.6	0.1	272.0	3,111.9	30,484.6	n.a.	6,654.4	3,391.2
	2017	n.a.	-	16.2	0.7	179.6	3,200.4	31,163.7	n.a.	7,135.9	3,657.7
	2018	n.a.	-	-	-	0.1	178.0	3,073.0	55,820.6	n.a.	6,580.5
Freight-Kilometer (Mn ton kilometer)	2009	n.a.	30.0	5.6	n.a.	1,384.0	1,020.7	n.a.	n.a.	2,533.0	3,864.5
	2010	n.a.	0.03	7.0	-	1,483.0	1,085.2	n.a.	n.a.	2,582.0	3,960.9
	2011	n.a.	8.2	6.5	-	1,535.0	1,159.6	n.a.	n.a.	2,455.0	4,162.0
	2012	n.a.	0.0	7.3	-	1,564.0	1,041.0	n.a.	n.a.	2,342.0	4,023.4
	2013	n.a.	0.0	8.2	-	1,760.0	841.3	n.a.	n.a.	2,566.4	3,804.1
	2014	n.a.	0.0	9.5	-	1,741.0	812.4	n.a.	n.a.	2,294.9	4,311.5
	2015	n.a.	0.0	6.8	-	1,474.0	770.3	n.a.	n.a.	2,545.3	4,035.5
	2016	n.a.	0.0	11.2	-	1,349.0	706.0	n.a.	n.a.	2,646.5	3,208.7
	2017	n.a.	0.0	13.4	-	1,233.6	679.7	n.a.	n.a.	2,846.1	3,600.0
	2018	n.a.	0.0	-	-	-	1,315.0	728.7	n.a.	n.a.	2,769.1

Source:
ASEAN Secretariat
AMS' website

Notes:
"-" not available at the time of publication
n.a. not applicable

Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2009-2018

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Ports	2009	1	7	1,906	n.a.	14	22	395	n.a.	212	n.a.
	2010	1	7	2,187	n.a.	14	22	395	n.a.	215	n.a.
	2011	1	5	2,187	n.a.	13	22	395	n.a.	216	n.a.
	2012	1	5	2,187	n.a.	13	22	501	n.a.	242	n.a.
	2013	2	5	2,075	n.a.	13	22	501	n.a.	242	n.a.
	2014	2	5	2,150	n.a.	13	22	520	n.a.	242	n.a.
	2015	2	5	-	n.a.	13	22	534	n.a.	242	n.a.
	2016	2	5	1,697	n.a.	13	22	524	n.a.	242	n.a.
	2017	2	5	639	n.a.	13	22	538	n.a.	246	n.a.
2018	2	5	-	n.a.	-	22	597	n.a.	382	n.a.	
Domestic Passengers Traffic ('000)	2009	n.a.	-	7,665.8	n.a.	11,462.0	205.2	56,885.6	n.a.	12,055.7	303.3
	2010	n.a.	-	5,097.0	n.a.	14,620.1	150.3	67,590.7	n.a.	13,985.4	359.9
	2011	n.a.	-	5,658.0	n.a.	14,718.5	85.1	65,070.2	n.a.	21,442.3	414.4
	2012	n.a.	-	6,746.0	n.a.	15,274.9	73.9	66,152.6	n.a.	22,601.1	1,248.4
	2013	n.a.	-	6,618.0	n.a.	16,802.4	122.7	70,920.8	n.a.	20,229.0	-
	2014	n.a.	-	6,907.0	n.a.	3,321.6	28.0	72,257.4	n.a.	20,311.8	-
	2015	n.a.	-	-	n.a.	5,293.1	11.8	80,876.2	n.a.	28,893.4	-
	2016	n.a.	-	-	n.a.	5,126.8	2.0	89,047.6	n.a.	29,679.0	-
	2017	n.a.	-	3,359.0	n.a.	5,257.8	1.9	93,237.7	n.a.	33,251.0	-
2018	n.a.	-	-	n.a.	-	1.4	98,278.2	n.a.	35,258.9	-	

Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2009-2018 (Continued)

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Throughput ('000 ton)	2009	2.0	1,578.0	286,367.0	n.a.	-	1,907.0	71,936.0	n.a.	29,311.4	60,227.0
	2010	3.0	1,578.0	308,990.0	n.a.	-	2,519.0	69,796.0	n.a.	30,457.2	75,500.0
	2011	4.0	1,578.0	320,990.0	n.a.	-	2,421.0	74,171.0	n.a.	41,272.8	87,941.0
	2012	5.0	1,578.0	355,023.0	n.a.	-	2,701.0	75,876.0	n.a.	44,262.9	79,783.5
	2013	6.0	1,578.0	387,546.0	n.a.	-	2,543.0	77,961.0	n.a.	45,441.0	-
	2014	8.0	1,578.0	408,606.0	n.a.	-	3,342.0	79,713.0	n.a.	46,672.8	-
	2015	13.0	1,578.0	-	n.a.	-	3,023.0	89,051.0	n.a.	51,872.5	139,568.0
	2016	9.0	1,578.0	-	n.a.	-	3,510.0	94,364.0	n.a.	50,894.5	160,902.0
	2017	9.0	2,007.0	965,126.0	n.a.	-	4,782.0	101,496.0	n.a.	60,850.0	175,132.0
2018	-	-	-	n.a.	-	4,535.0	146,903.0	n.a.	63,227.1	-	

Source:
ASEAN Secretariat
AMS' website

Notes:
“-” not available at the time of publication
n.a. not applicable

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2009-2018

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No. of International Ports	2009	1	2	141	n.a.	10	9	171	2	7	242
	2010	1	2	141	n.a.	10	9	171	2	7	250
	2011	1	3	141	n.a.	15	9	171	2	7	329
	2012	1	3	141	n.a.	15	9	171	2	7	240
	2013	1	3	136	n.a.	15	9	171	2	7	-
	2014	1	3	136	n.a.	15	9	171	2	7	-
	2015	1	3	-	n.a.	15	9	179	2	7	-
	2016	1	3	128	n.a.	15	9	191	2	7	160
	2017	1	3	85	n.a.	15	9	190	2	7	163
2018	1	3	-	n.a.	-	9	205	2	7	-	
International Passengers Traffic ('000)	2009	n.a.	20.0	1,815.0	n.a.	1,998.0	3.4	51.0	-	347.8	-
	2010	239.0	24.0	1,723.0	n.a.	4,348.1	1.1	63.0	-	485.9	-
	2011	227.0	8.0	1,797.0	n.a.	3,050.2	7.0	50.0	-	552.2	-
	2012	230.0	20.0	1,933.0	n.a.	2,423.2	6.3	51.0	-	612.4	-
	2013	222.0	16.0	1,757.0	n.a.	2,750.5	6.7	35.0	-	495.2	-
	2014	203.0	22.0	1,909.0	n.a.	1,060.4	18.5	44.0	-	515.2	-
	2015	208.0	44.0	-	n.a.	1,964.7	34.3	92.0	-	450.6	-
	2016	197.0	50.0	-	n.a.	1,714.7	22.0	101.0	-	476.0	-
	2017	186.0	26.0	1,490.0	n.a.	2,100.2	5.9	145.0	-	494.1	-
2018	210.0	41.0	-	n.a.	-	8.5	482.0	-	644.0	-	

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2009-2018 (Continued)

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Cargo Throughput ('000 ton)	2009	927.0	1,874.1	550,955.0	n.a.	395,284.0	19,066.0	77,958.0	472,300.3	131,528.9	170,802.0
	2010	1,050.0	2,208.3	567,208.0	n.a.	449,787.0	19,798.0	96,598.0	503,342.0	130,315.5	154,154.0
	2011	1,044.0	2,439.4	580,878.0	n.a.	497,695.0	21,541.0	104,106.0	531,175.6	157,174.3	154,876.0
	2012	1,212.0	2,659.8	597,665.0	n.a.	500,578.0	24,584.0	117,899.0	538,021.1	178,362.2	173,704.0
	2013	1,041.0	3,012.2	609,088.0	n.a.	510,815.0	24,921.0	124,097.0	560,887.9	170,435.5	-
	2014	845.0	3,423.9	653,270.0	n.a.	541,744.0	27,276.0	135,099.0	581,268.0	183,112.6	-
	2015	1,931.0	3,763.3	-	n.a.	570,401.0	28,415.0	134,620.0	575,845.0	208,427.2	231,918.0
	2016	1,846.0	4,040.2	982,350.0	n.a.	569,120.0	32,550.0	149,393.0	593,297.0	211,894.5	255,473.0
	2017	1,873.0	4,367.7	1,172,091.0	n.a.	544,711.0	36,240.0	152,063.0	627,688.0	215,869.0	281,486.0
2018	1,350.0	5,328.0	-	n.a.	570,701.0	34,745.0	169,966.0	630,125.0	228,760.3	-	
International Cargo Throughput ('000 TEU ¹⁾)	2009	85.5	208.0	443.0	n.a.	15,859.1	264.0	2,418.0	25,866.6	5,922.2	4,437.0
	2010	91.6	223.0	465.0	n.a.	18,173.8	303.4	2,857.0	28,431.1	7,498.9	5,363.0
	2011	101.0	238.0	525.0	n.a.	19,978.7	346.6	3,008.0	29,937.7	7,091.4	5,823.0
	2012	116.0	255.0	602.0	n.a.	20,556.7	408.0	3,147.0	31,649.4	7,055.9	6,519.0
	2013	112.0	286.0	710.0	n.a.	20,876.3	478.0	3,181.0	32,578.7	7,421.8	-
	2014	106.0	333.0	785.0	n.a.	22,373.3	617.2	3,353.0	33,869.0	7,929.0	-
	2015	103.0	391.0	-	n.a.	23,876.3	745.2	3,482.0	30,922.0	8,271.3	9,123.0
	2016	98.0	400.0	-	n.a.	24,847.8	1,026.0	3,883.0	30,904.0	8,506.8	10,320.0
	2017	104.0	459.8	503.0	n.a.	23,783.9	1,048.0	4,173.0	33,667.0	9,089.9	11,497.0
2018	113.0	541.0	-	n.a.	24,941.4	1,110.0	4,871.0	36,599.0	9,430.0	-	

Source:
ASEAN Secretariat
AMS' website

Notes:

"-" not available at the time of publication

n.a. not applicable

1) Twenty-foot Equivalent Unit - standard unit for counting containers of various capacities and describing the capacities of container ships or terminals; one 20 foot ISO container equals 1 TEU.

Table 8.6. ASEAN Domestic Civil Aviation, 2009-2018

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Airports	2009	n.a.	5	188	9	19	30	76	n.a.	28	14
	2010	n.a.	5	233	9	19	30	76	n.a.	28	14
	2011	n.a.	5	240	9	19	30	76	n.a.	28	14
	2012	n.a.	5	245	9	19	30	75	n.a.	28	12
	2013	n.a.	5	237	9	19	30	74	n.a.	28	12
	2014	n.a.	5	237	9	19	30	74	n.a.	28	13
	2015	n.a.	5	237	9	19	30	75	n.a.	29	13
	2016	n.a.	5	267	9	19	31	75	n.a.	29	13
	2017	n.a.	5	265	9	19	31	75	n.a.	29	13
2018	n.a.	5	-	9	-	31	75	n.a.	29	-	
Domestic Passengers Traffic ('000)	2009	n.a.	143.0	43,808.0	243.0	29,235.0	772.6	29,181.0	n.a.	26,492.2	8,585.5
	2010	n.a.	136.0	51,775.0	283.0	30,791.0	862.1	33,524.5	n.a.	27,259.6	10,348.5
	2011	n.a.	144.0	60,197.0	311.3	34,239.0	1,381.2	37,848.3	n.a.	31,690.9	11,918.4
	2012	n.a.	172.0	71,421.5	463.0	35,634.0	1,602.1	43,188.3	n.a.	36,320.0	12,159.0
	2013	n.a.	214.0	75,770.0	447.4	42,983.8	1,774.6	41,322.3	n.a.	42,445.7	14,300.0
	2014	n.a.	299.0	76,498.0	512.2	45,103.8	1,965.5	41,777.4	n.a.	49,929.0	17,162.0
	2015	n.a.	436.0	76,630.0	494.9	45,931.0	2,097.3	44,183.6	n.a.	62,293.4	21,260.1
	2016	n.a.	423.0	83,308.0	506.0	47,965.8	2,352.5	48,099.8	n.a.	70,168.0	27,883.1
	2017	n.a.	572.0	96,890.0	810.0	49,739.6	2,892.6	51,527.7	n.a.	75,329.4	31,112.5
2018	n.a.	636.0	-	1,010.0	50,186.2	2,823.0	41,701.3	n.a.	78,928.7	-	

Table 8.6. ASEAN Domestic Civil Aviation, 2009-2018 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Traffic ('000 ton)	2009	n.a.	0.0	344.1	0.4	151.0	3.4	349.2	n.a.	302.4	100.3
	2010	n.a.	0.0	415.6	0.7	174.0	0.8	316.2	n.a.	402.7	123.5
	2011	n.a.	0.0	484.0	0.4	178.0	0.9	315.3	n.a.	455.4	129.2
	2012	n.a.	0.0	572.0	0.5	167.3	1.3	361.8	n.a.	453.1	121.6
	2013	n.a.	6.0	539.0	1.6	168.4	2.4	348.1	n.a.	384.4	129.5
	2014	n.a.	183.0	584.0	1.5	181.5	4.0	378.0	n.a.	387.8	151.4
	2015	n.a.	252.0	564.0	1.1	193.0	1.7	555.3	n.a.	353.1	170.9
	2016	n.a.	153.0	604.0	0.7	188.9	1.4	571.2	n.a.	358.6	184.9
	2017	n.a.	76.0	587.0	1.1	189.3	1.9	530.2	n.a.	337.8	166.6
	2018	n.a.	-	-	1.4	197.4	1.4	632.0	n.a.	307.2	-
No. of Aircraft Traffic ('000)	2009	n.a.	6.5	390.6	-	350.9	21.8	533.1	n.a.	231.0	66.6
	2010	n.a.	5.5	417.7	-	383.5	23.9	462.1	n.a.	260.5	82.3
	2011	n.a.	6.0	504.5	-	416.9	38.1	598.4	n.a.	307.0	102.5
	2012	n.a.	6.3	614.7	196.3	417.3	45.9	688.9	n.a.	336.4	105.3
	2013	n.a.	8.7	638.0	215.8	501.7	50.0	595.7	n.a.	383.0	-
	2014	n.a.	9.9	636.4	240.4	543.7	56.3	618.2	n.a.	447.7	-
	2015	n.a.	12.7	659.1	252.4	558.2	63.0	651.3	n.a.	517.1	-
	2016	n.a.	12.0	764.2	270.0	551.5	61.6	744.2	n.a.	555.7	-
	2017	n.a.	16.8	829.6	399.2	557.5	62.0	831.1	n.a.	583.2	-
	2018	n.a.	16.9	-	347.6	558.7	53.6	520.7	n.a.	601.4	-

Source:
ASEAN Secretariat
AMS' website

Notes:
*- not available at the time of publication
n.a. not applicable

Table 8.7. ASEAN International Civil Aviation, 2009-2018

Indicator	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of International Airports	2009	1	3	27	4	6	2	9	2	7	6
	2010	1	3	29	4	6	2	9	2	7	6
	2011	1	3	29	4	6	2	9	2	7	6
	2012	1	3	29	4	6	2	10	2	7	9
	2013	1	3	29	4	6	3	11	2	7	9
	2014	1	3	29	4	6	3	11	2	7	9
	2015	1	3	29	4	6	3	11	2	7	8
	2016	1	3	29	4	6	3	11	2	7	8
	2017	1	3	29	4	6	3	11	2	7	8
2018	1	3	-	4	-	3	11	2	7	-	
International Passengers Traffic ('000)	2009	1,528.0	2,524.0	5,004.0	337.2	22,881.0	967.5	12,762.1	36,089.0	31,649.5	8,906.7
	2010	1,699.0	3,052.0	6,614.0	472.0	27,574.0	1,212.3	14,451.7	40,924.0	35,512.6	10,725.5
	2011	2,017.0	3,481.0	8,152.0	372.1	30,462.0	1,455.6	15,716.5	45,429.0	41,857.8	11,820.7
	2012	1,681.0	3,997.0	9,938.3	642.0	32,396.9	2,034.7	17,432.7	49,910.0	47,096.9	13,203.0
	2013	1,715.0	4,606.0	10,964.0	728.7	38,032.4	2,651.8	18,582.3	52,775.0	54,894.7	14,868.0
	2014	1,647.0	5,169.0	23,103.0	921.2	39,984.2	3,187.2	19,402.8	53,288.0	50,199.0	15,332.0
	2015	1,717.0	5,606.0	25,212.0	1,073.0	40,017.0	3,428.1	21,279.7	54,835.6	61,657.7	17,696.1
	2016	1,726.0	6,201.0	26,692.0	944.0	43,490.7	4,027.0	23,796.9	58,158.0	67,913.8	20,682.0
	2017	1,726.0	7,666.0	31,556.0	1,620.0	49,783.3	4,377.7	26,812.5	61,574.0	75,961.9	25,330.2
2018	1,774.0	9,376.0	-	2,306.0	52,246.8	4,465.8	28,914.7	64,889.0	81,332.7	-	
Cargo Loaded ('000 ton)	2009	7.0	7.3	46.5	0.4	354.0	7.2	145.3	787.1	611.3	129.3
	2010	1.0	8.5	79.5	0.4	393.0	9.3	172.4	872.4	752.7	186.1
	2011	1.0	9.7	72.2	0.9	375.0	9.6	158.3	882.1	715.7	185.7
	2012	3.0	12.3	90.7	1.0	361.0	7.2	169.6	853.0	721.0	216.6
	2013	1.0	16.7	192.0	0.1	355.5	8.3	158.1	842.0	665.3	469.9
	2014	1.0	17.0	206.0	0.6	392.0	9.5	210.8	839.0	704.9	313.4
	2015	1.0	18.0	195.0	0.2	374.0	8.4	185.7	837.8	711.7	321.7
	2016	1.0	24.2	204.0	2.4	331.4	13.2	178.2	885.0	745.5	337.7
	2017	1.0	37.0	224.0	1.4	367.1	25.2	223.4	969.5	822.9	421.9
2018	1.0	30.4	207.6	2.6	361.1	25.0	234.2	990.1	862.5	-	

Table 8.7. ASEAN International Civil Aviation, 2009-2018 (Continued)

Indicator	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Cargo Unloaded ('000 ton)	2009	12.0	7.8	132.1	-	301.0	6.3	533.1	847.0	400.0	122.8
	2010	5.0	9.1	158.0	-	352.0	6.4	462.1	941.0	518.2	153.3
	2011	8.0	1.0	162.2	0.6	348.0	6.3	598.4	983.0	560.1	163.0
	2012	7.0	15.4	193.6	1.0	352.0	8.0	688.9	976.0	588.0	191.8
	2013	8.0	14.8	208.0	0.0	373.3	10.7	595.7	996.0	550.5	-
	2014	6.0	15.7	187.0	0.7	413.9	15.0	618.2	1,005.0	525.2	-
	2015	8.0	19.0	195.0	0.4	393.0	17.9	651.3	1,015.3	526.3	-
	2016	7.0	22.1	188.0	1.4	353.1	21.4	744.2	1,084.0	586.7	-
	2017	7.0	27.2	224.0	0.4	391.8	29.7	831.1	1,156.0	659.4	-
2018	7.0	42.8	-	-	2.3	407.3	29.6	520.7	1,164.8	686.2	-
Aircraft Traffic ('000)	2009	24.9	32.2	42.9	-	184.9	7.9	75.1	240.4	202.4	67.4
	2010	29.4	34.1	50.8	-	206.5	11.2	49.7	265.6	218.8	75.3
	2011	27.8	37.4	61.8	-	227.9	14.2	90.3	301.7	257.3	85.4
	2012	22.7	40.4	69.9	-	241.6	18.4	100.7	324.7	276.8	93.3
	2013	25.5	47.4	83.0	-	274.2	25.3	112.5	343.8	331.8	-
	2014	24.7	51.0	163.0	-	290.8	30.0	116.7	341.4	321.9	-
	2015	25.6	52.9	174.2	-	299.0	30.8	129.3	346.3	380.1	-
	2016	24.2	57.0	174.6	-	302.6	36.9	134.5	360.5	416.2	-
	2017	24.2	67.9	198.2	-	337.1	41.7	148.2	373.2	441.4	-
2018	20.4	82.3	-	-	-	357.3	40.6	155.3	386.0	478.0	-

Source:
ASEAN Secretariat
AMS' website

Notes:
"-." not available at the time of publication
n.a. not applicable

Chart 8.1. Total Number of Vehicles in ASEAN per 1000 Population, 2009-2018

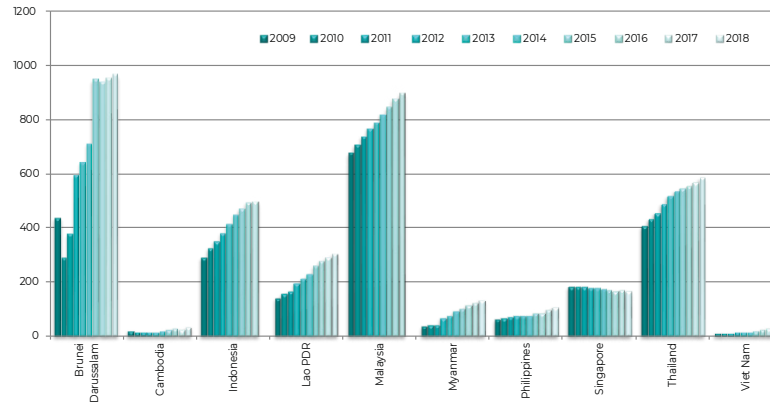
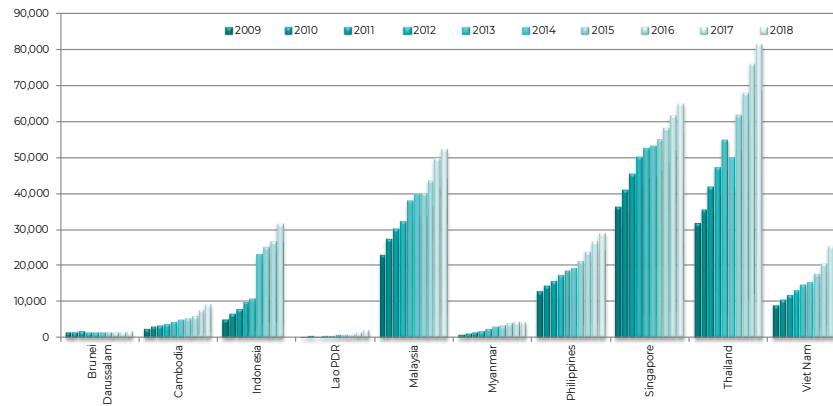


Chart 8.2. International Air Passenger Traffic in ASEAN, 2009-2018



CHAPTER 9

Tourism



Table 9.1. Visitor Arrivals in ASEAN by Country of Destination, 2009-2018

(in thousand)

Country of Destination	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam ¹⁾	157.5	214.3	242.1	209.1	3,279.2	3,885.5	218.2	218.8	259.0	278.1
Cambodia	2,161.6	2,508.3	2,881.9	3,584.3	4,210.2	4,502.8	4,775.2	5,011.7	5,602.2	6,201.1
Indonesia	6,323.7	7,002.9	7,649.7	8,044.5	8,802.1	9,435.4	10,406.8	11,519.3	14,039.8	15,810.3
Lao PDR	2,008.4	2,513.0	2,723.6	3,330.1	3,779.5	4,158.7	4,684.4	4,239.0	3,868.8	4,186.4
Malaysia	23,646.2	24,577.2	24,714.3	25,032.7	25,715.5	27,437.3	25,721.3	26,757.4	25,948.5	25,832.4
Myanmar	762.5	791.5	816.4	1,059.0	2,044.3	3,081.4	4,681.0	2,907.2	3,443.1	3,549.4
Philippines	3,017.1	3,520.5	3,917.5	4,272.8	4,681.3	4,833.4	5,360.7	5,967.0	6,620.9	7,127.7
Singapore	9,681.3	11,638.7	13,171.3	14,491.2	15,567.9	15,095.2	15,231.5	16,403.6	17,424.6	18,508.3
Thailand	14,149.8	15,936.4	19,098.3	22,353.9	26,546.7	24,779.8	29,881.1	32,529.6	35,592.0	38,277.3
Viet Nam	3,772.3	5,049.9	6,014.0	6,847.7	7,572.4	7,874.3	7,943.7	10,012.7	12,922.2	15,497.8
ASEAN	65,680.3	73,752.6	81,229.0	89,225.2	102,199.1	105,083.8	108,903.8	115,566.4	125,721.0	135,268.8

Source:
ASEAN Secretariat

Note:

1) Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2009-2018

(in thousand)

Country of Destination	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam ¹⁾	77.7	109.9	124.2	115.9	3,053.5	3,662.2	118.7	117.5	131.4	134.6
Cambodia	692.8	853.2	1,101.1	1,514.3	1,831.5	1,991.9	2,097.8	2,121.2	2,161.3	2,067.5
Indonesia	2,101.8	2,338.5	3,258.5	2,607.7	3,516.1	3,683.8	3,860.7	3,817.5	4,524.6	5,453.3
Lao PDR	1,611.0	1,990.9	2,191.2	2,712.5	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8
Malaysia	18,386.4	18,937.2	18,885.3	18,809.7	19,105.9	20,372.8	19,146.5	20,271.1	19,478.6	18,114.4
Myanmar	524.0	512.3	100.4	151.1	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3
Philippines	255.6	298.2	331.7	375.2	422.1	461.5	481.6	461.7	488.3	530.3
Singapore	3,650.9	4,779.6	5,372.2	5,732.7	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0
Thailand	4,074.7	4,534.2	5,529.9	6,462.6	7,410.4	6,620.2	7,886.1	8,897.3	9,322.5	10,284.1
Viet Nam	318.9	688.7	838.4	1,363.8	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3
TOTAL	31,693.8	35,042.8	37,732.9	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,691.6

Source:
ASEAN Secretariat

Note:
1) Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2009-2018

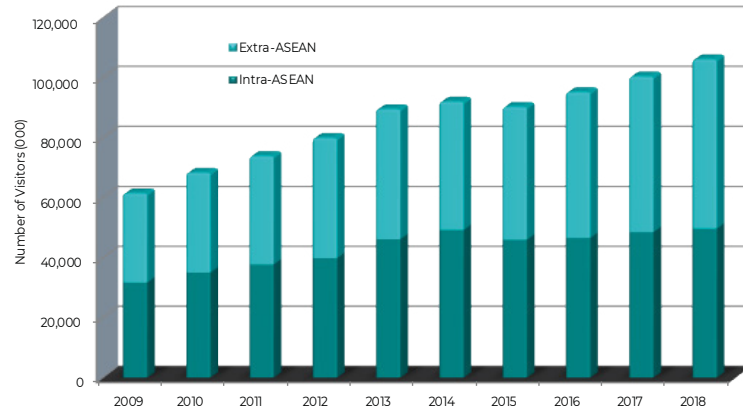
(in thousand)

Country of Destination	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam ¹⁾	79.7	104.4	117.9	93.2	225.6	223.4	99.5	101.3	127.6	143.5
Cambodia	1,468.8	1,655.1	1,780.8	2,070.0	2,378.7	2,510.9	2,677.5	2,890.5	3,440.9	4,133.6
Indonesia	4,221.9	4,664.4	4,391.2	5,436.8	5,286.1	5,751.6	6,546.1	7,701.8	9,515.2	10,357.0
Lao PDR	397.4	522.1	532.3	617.6	738.3	934.6	1,095.9	1,155.7	1,121.7	1,299.6
Malaysia	5,259.8	5,640.0	5,829.0	6,223.0	6,609.6	7,064.5	6,574.7	6,486.2	6,469.9	7,717.9
Myanmar	238.5	279.2	716.0	907.9	1,825.6	1,483.2	2,918.1	2,504.3	1,712.7	1,631.2
Philippines	2,761.5	3,222.3	3,585.8	3,897.6	4,259.2	4,371.9	4,879.1	5,505.3	6,132.6	6,597.4
Singapore	6,030.3	6,859.0	7,799.1	8,758.5	9,453.2	8,982.1	9,483.3	10,467.2	11,199.5	11,987.3
Thailand	10,075.2	11,402.2	13,568.4	15,891.3	19,136.3	18,159.5	21,995.0	23,632.3	26,269.5	27,993.3
Viet Nam	3,453.3	4,361.1	5,175.6	5,483.9	6,132.1	6,379.2	6,642.8	8,551.6	11,238.6	13,716.5
TOTAL	33,986.5	38,709.8	43,496.1	49,379.8	56,044.6	55,860.8	62,912.0	68,996.2	77,228.1	85,577.2

Source:
ASEAN Secretariat

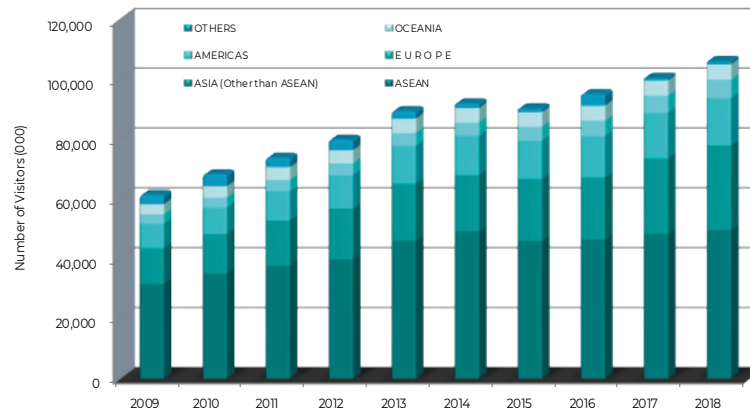
Note:
1) Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

Chart 9.1. Intra and Extra-ASEAN Visitor Arrivals, 2009-2018



Source: ASEAN Secretariat

Chart 9.2. ASEAN Visitor Arrivals by Origin, 2009-2018



Source: ASEAN Secretariat

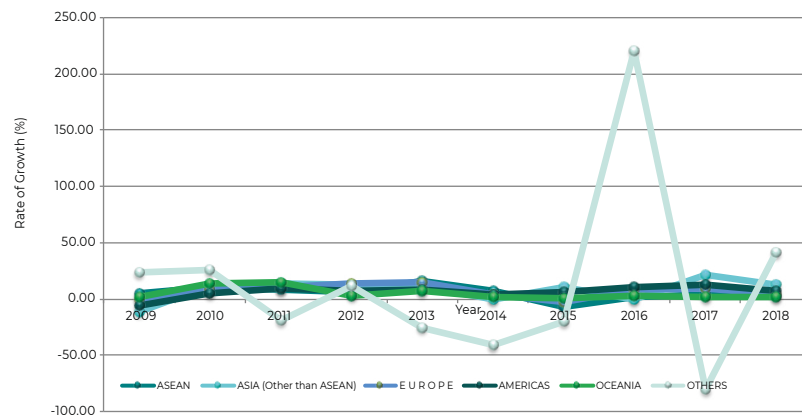
Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1,132.8	1,453.0	1,363.3	1,350.5	1,367.9	1,338.0	1,250.5	1,512.4	1,786.7	1,508.2
Cambodia	156.4	204.7	735.9	830.7	910.3	1,104.6	874.7	979.0	1,215.3	1,312.0
Indonesia	4,429.5	5,163.3	5,170.2	5,811.9	6,618.1	6,779.2	6,446.6	6,690.7	6,800.0	7,912.2
Lao PDR	789.6	838.3	1,046.8	1,425.4	1,559.9	1,569.3	1,791.4	1,953.7	2,384.8	2,339.9
Malaysia	3,784.8	4,597.2	5,444.1	5,550.1	9,012.1	9,246.2	6,827.8	7,021.2	7,714.3	8,874.6
Myanmar	220.1	249.9	297.5	317.5	377.5	433.4	491.6	595.9	669.4	670.4
Philippines	1,258.7	1,468.0	1,635.5	1,789.3	2,172.4	2,273.3	2,051.0	2,001.1	2,080.8	2,118.6
Singapore	14,604.5	14,974.8	15,772.5	15,730.7	16,390.6	17,074.5	16,047.1	16,528.8	15,639.4	14,076.8
Thailand	3,890.4	4,307.1	4,039.4	4,333.9	4,552.4	6,013.4	6,520.8	5,424.3	6,580.0	7,031.0
Viet Nam	1,427.0	1,786.4	2,227.7	2,705.4	3,193.2	3,391.0	3,690.2	3,655.3	3,622.2	3,847.9
Unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.7	0.0	0.0
TOTAL	31,693.8	35,042.8	37,732.9	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,691.6

Source:
ASEAN Secretariat

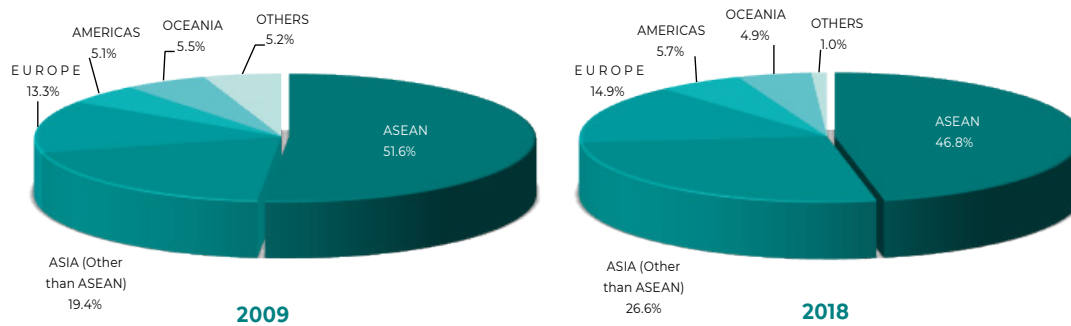
Chart 9.3. Growth of Visitor Arrivals to ASEAN by Origin, 2009-2018



Source: ASEAN Secretariat

Chart 9.4. Proportion of Visitor Arrivals to ASEAN by Origin

In percent share



Source: ASEAN Secretariat

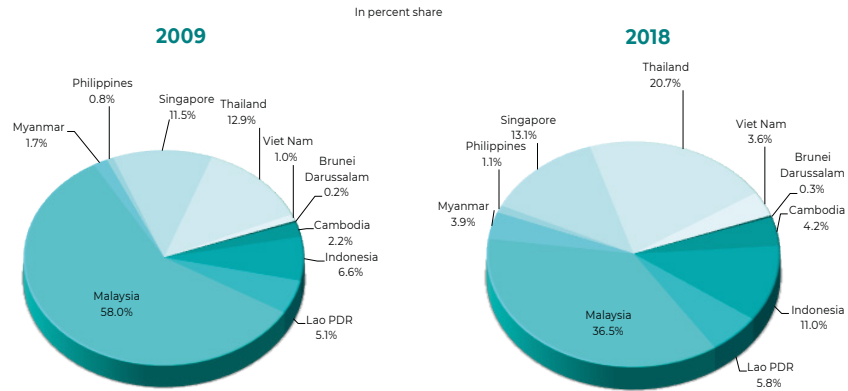
Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	31,693.8	35,042.8	37,732.9	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,691.6
Extra-ASEAN	29,784.8	33,294.0	36,180.5	40,096.5	43,393.5	42,801.3	44,315.7	48,656.9	51,942.9	56,459.6
ASIA (Other than ASEAN)	11,910.7	13,283.1	15,151.5	17,050.0	18,997.2	18,818.5	20,748.2	20,663.6	25,131.5	28,269.7
China	4,201.7	5,415.9	7,315.6	9,283.2	12,651.2	13,059.5	18,596.3	20,339.3	25,285.2	29,117.6
Hongkong	851.0	905.7	1,091.5	1,299.0	1,501.7	1,376.9	1,514.7	1,498.7	1,560.0	1,782.2
India	2,103.6	2,478.0	2,711.3	2,839.6	2,945.7	3,071.0	3,307.9	2,787.1	4,153.2	4,670.6
Japan	3,214.0	3,350.9	3,664.4	4,275.3	4,724.3	4,634.2	4,703.0	4,781.8	5,027.8	5,228.6
Korea, Republic of	2,448.7	3,286.1	3,862.0	4,011.4	4,873.5	5,018.4	5,838.5	6,464.7	7,861.6	9,031.6
Taiwan, Province of China	1,369.6	1,549.8	1,808.1	1,846.0	2,060.7	1,920.4	2,099.0	2,354.5	2,582.4	2,833.0
Other Asia	1,923.9	1,712.6	2,014.2	2,778.7	2,891.3	2,797.6	3,285.1	2,776.8	3,946.5	4,723.7
EUROPE	8,163.0	8,867.5	9,788.5	11,088.4	12,712.7	13,162.4	12,801.6	13,865.0	15,224.4	15,816.2
France	1,142.4	1,260.8	1,350.4	1,462.1	1,691.9	1,660.5	1,709.8	1,814.2	1,904.4	1,990.5
Germany	1,139.8	1,242.7	1,254.7	1,490.5	1,461.4	1,694.2	1,783.9	1,974.3	2,039.3	2,108.3
Italy	301.6	317.3	378.8	384.3	468.8	520.0	555.3	587.2	634.8	686.8
Netherlands	592.1	598.0	582.2	618.7	648.6	686.0	693.2	733.1	754.5	788.0
United Kingdom	2,105.9	2,151.4	2,156.9	2,313.8	2,487.4	2,639.5	2,733.9	2,891.2	2,975.6	3,066.5
Other Europe	2,881.2	3,297.4	4,065.4	4,819.0	5,954.5	5,962.2	5,325.6	5,864.9	6,915.8	7,176.2
AMERICAS	3,141.7	3,303.5	3,626.1	3,871.9	4,199.9	4,339.1	4,587.9	5,067.5	5,705.3	6,082.3
Canada	455.9	498.5	594.2	709.0	768.7	800.4	833.9	875.6	964.7	1,050.3
USA	2,553.4	2,680.5	2,838.0	2,984.2	3,178.3	3,254.3	3,382.3	3,787.9	4,109.3	4,498.5
Other Americas	132.4	124.5	194.0	178.8	252.9	284.4	371.7	403.9	631.2	533.5
OCEANIA	3,370.5	3,823.8	4,385.5	4,486.8	4,822.9	4,911.8	4,920.0	5,032.2	5,094.2	5,177.1
Australia	3,028.6	3,464.9	3,926.3	4,059.6	4,303.0	4,383.6	4,190.6	4,314.0	4,343.2	4,413.3
New Zealand	272.3	292.0	390.3	358.0	438.8	458.0	475.2	481.3	529.5	550.4
Other Oceania	69.7	66.9	68.9	69.3	81.1	70.2	254.1	236.9	221.5	213.4
OTHERS	3,198.8	4,016.1	3,228.8	3,599.4	2,660.6	1,569.6	1,258.1	4,028.6	787.6	1,114.3
TOTAL	61,478.6	68,336.8	73,913.4	79,942.0	89,547.9	92,024.3	90,307.5	95,227.1	100,435.8	106,151.2

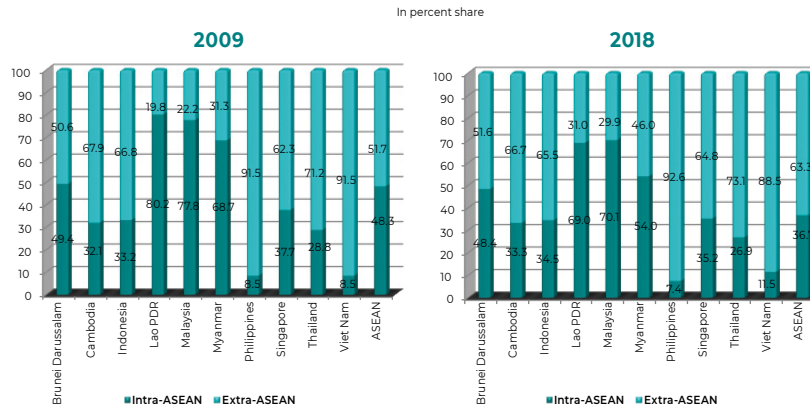
Source:
ASEAN Secretariat

Chart 9.5. Intra-ASEAN Visitor Arrivals by Host Country



Source: ASEAN Secretariat

Chart 9.6. Intra and Extra-ASEAN Visitor Arrivals to ASEAN Member States



Source: ASEAN Secretariat

Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	77.7	109.9	124.2	115.9	3,053.5	3,662.2	118.7	117.5	131.4	134.6
Extra-ASEAN	79.7	104.4	117.9	93.2	225.6	223.4	99.5	60.4	75.2	78.0
ASIA (Other than ASEAN)	28.8	41.9	50.5	48.8	102.7	105.2	58.3	24.3	34.1	34.3
China	15.8	24.6	32.9	27.5	39.9	38.8	36.9	40.8	52.4	65.6
Hongkong	1.2	1.2	1.3	1.6	2.3	2.6	1.6	1.9	2.2	2.7
India	2.9	4.9	4.6	5.1	30.3	31.0	6.4	7.2	8.7	8.6
Japan	3.5	3.6	4.1	4.3	9.0	9.8	4.3	4.5	5.2	5.4
Korea, Republic of	1.6	1.7	1.7	4.3	4.8	5.7	2.9	3.6	8.7	9.1
Taiwan, Province of China	1.5	1.9	1.4	2.5	4.4	3.9	1.7	1.6	1.7	0.0
Other Asia	2.3	3.9	4.5	3.5	11.9	13.4	4.4	5.5	7.6	8.5
EUROPE	21.6	26.2	28.6	20.8	68.2	65.3	20.2	18.1	20.7	21.9
France	1.2	1.3	2.3	1.8	3.9	4.0	1.7	1.3	1.4	1.3
Germany	1.5	1.7	1.8	1.7	17.8	8.4	1.9	1.7	1.9	1.8
Italy	0.5	0.5	0.7	0.6	1.1	1.5	0.5	0.5	0.6	0.5
Netherlands	1.1	1.1	1.3	1.4	4.9	6.3	1.3	1.0	1.3	1.2
United Kingdom	14.4	17.4	18.2	11.4	29.9	34.0	11.1	10.4	12.1	12.0
Other Europe	2.9	4.1	4.2	4.0	10.6	11.2	3.6	3.2	3.5	5.0
AMERICAS	5.1	5.9	6.6	6.3	17.4	17.7	5.9	5.4	6.5	6.4
Canada	1.9	2.2	2.4	2.2	8.0	8.5	2.2	2.0	2.3	2.3
USA	3.2	3.7	4.2	4.1	9.4	9.2	3.7	3.4	4.2	4.1
Other Americas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCEANIA	22.1	27.6	29.2	13.5	28.5	24.8	11.6	9.4	10.0	11.1
Australia	13.8	17.2	18.8	11.9	22.6	19.2	10.0	8.0	8.6	9.7
New Zealand	8.2	10.3	10.4	1.6	5.9	5.7	1.6	1.5	1.4	1.4
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	2.2	2.8	3.0	3.7	8.8	10.3	3.4	3.3	3.9	4.4
TOTAL	157.5	214.3	242.1	209.1	3,279.2	3,885.5	218.2	178.0	206.6	212.6

Source:
ASEAN Secretariat

Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	692.8	853.2	1,101.1	1,514.3	1,831.5	1,991.9	2,097.8	2,121.2	2,161.3	2,067.5
Extra-ASEAN	1,468.8	1,655.1	1,780.8	2,070.0	2,378.7	2,510.9	2,677.5	2,060.5	2,230.1	2,109.1
ASIA (Other than ASEAN)	584.5	747.9	895.9	1,075.1	1,259.4	1,368.2	1,484.0	764.4	803.2	780.3
China	128.2	177.6	247.2	333.9	463.1	560.3	694.7	830.0	1,210.8	2,024.4
Hongkong	3.9	4.4	5.3	8.3	8.6	9.8	14.8	16.0	13.5	12.2
India	12.5	0.0	15.2	19.0	23.6	28.5	36.7	46.1	59.6	65.9
Japan	146.3	151.8	161.8	179.3	206.9	215.8	193.3	191.6	203.4	210.5
Korea, Republic of	197.7	289.7	342.8	0.0	435.0	424.4	395.3	357.2	345.1	301.8
Taiwan, Province of China	72.1	91.2	98.4	92.8	97.0	97.5	109.7	104.8	121.0	134.6
Other Asia	23.8	33.1	25.2	441.8	25.2	31.7	39.5	48.7	60.7	55.3
E U R O P E	463.0	486.3	539.6	608.0	693.5	703.9	710.2	723.0	844.1	793.7
France	105.4	113.3	117.4	121.2	131.5	141.1	145.7	150.3	166.4	170.8
Germany	59.9	62.9	63.4	72.5	81.6	84.1	94.0	108.8	118.3	99.0
Italy	17.2	19.8	20.8	22.6	25.2	29.5	32.2	35.8	40.3	34.0
Netherlands	22.1	23.5	22.7	24.6	28.1	26.6	29.0	30.9	32.5	28.9
United Kingdom	106.8	103.1	104.1	110.2	123.9	133.3	154.3	159.5	171.2	162.4
Other Europe	151.6	163.8	211.2	256.9	303.2	289.3	255.0	237.8	315.6	298.6
AMERICAS	201.1	199.1	217.5	244.3	263.2	276.7	315.5	353.0	395.0	369.3
Canada	36.3	38.7	42.5	47.8	50.9	52.3	56.8	60.7	69.1	61.6
USA	148.5	146.0	154.0	173.1	185.0	191.4	217.5	238.7	256.5	250.8
Other Americas	16.3	14.4	21.1	23.4	27.3	33.0	41.2	53.7	69.4	57.0
OCEANIA	98.7	107.3	121.6	136.9	156.3	155.6	158.0	171.8	174.2	152.2
Australia	84.6	93.6	105.0	117.7	132.0	134.2	134.7	146.8	143.9	127.4
New Zealand	14.1	13.7	16.5	19.0	20.6	21.3	23.0	24.8	29.9	24.5
Other Oceania	-	0.0	0.1	0.1	3.7	0.2	0.2	0.2	0.4	0.3
OTHERS	121.4	114.5	6.2	5.8	6.2	6.6	9.8	48.3	13.6	13.6
TOTAL	2,161.6	2,508.3	2,881.9	3,584.3	4,210.2	4,502.8	4,775.2	4,181.7	4,391.4	4,176.6

Source:
ASEAN Secretariat

Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	2,101.8	2,338.5	3,258.5	2,607.7	3,516.1	3,683.8	3,860.7	3,817.5	4,524.6	5,453.3
Extra-ASEAN	4,221.9	4,664.4	4,391.2	5,436.8	5,286.1	5,751.6	6,546.1	6,145.0	7,422.0	8,217.8
ASIA (Other than ASEAN)	1,503.2	1,579.5	2,038.8	1,893.8	2,580.7	2,782.6	3,224.7	2,234.8	3,299.6	3,961.7
China	372.7	421.5	574.2	618.2	807.4	926.8	1,260.7	1,556.8	2,093.2	2,139.2
Hongkong	47.0	59.3	86.6	75.3	112.8	112.3	94.1	101.4	98.3	91.2
India	132.6	145.2	154.2	177.2	201.0	223.6	319.6	422.0	536.9	595.6
Japan	469.8	406.0	412.6	445.1	491.6	525.4	549.7	545.4	573.3	530.6
Korea, Republic of	238.9	281.8	306.1	303.9	343.6	370.1	387.5	386.8	423.2	358.9
Taiwan, Province of China	186.0	191.1	221.9	180.6	245.3	244.0	227.9	252.8	264.3	208.3
Other Asia	56.1	74.6	283.2	93.5	378.9	380.3	385.2	526.4	1,403.7	2,177.1
EUROPE	685.7	716.3	1,045.9	776.9	1,243.0	1,332.6	1,462.4	1,767.1	1,965.9	2,006.3
France	163.4	158.3	148.4	178.9	190.9	210.1	212.6	256.2	274.1	287.9
Germany	126.3	138.7	145.2	152.4	168.1	184.8	203.6	243.9	267.8	274.2
Italy	0.0	0.0	46.1	0.0	63.0	68.0	69.4	79.4	90.0	94.3
Netherlands	148.8	153.3	159.1	147.7	158.2	169.3	175.3	200.8	210.4	210.0
United Kingdom	178.3	187.0	192.7	203.6	228.7	249.2	292.7	352.0	378.1	392.1
Other Europe	68.9	79.1	354.4	94.3	434.1	451.1	508.8	634.8	745.3	747.8
AMERICAS	162.3	171.5	297.1	207.0	333.2	358.7	411.6	476.0	537.0	566.3
Canada	0.0	0.0	52.0	0.0	56.8	61.4	75.8	86.8	96.1	97.9
USA	162.3	171.5	202.3	207.0	234.1	251.4	276.0	316.8	344.8	387.9
Other Americas	0.0	0.0	42.8	0.0	42.2	45.9	59.8	72.4	96.1	80.6
OCEANIA	538.8	730.9	974.9	909.2	1,071.8	1,212.7	1,377.4	1,571.9	1,507.9	1,574.6
Australia	538.8	730.9	931.1	909.2	998.0	1,128.5	1,099.1	1,302.3	1,256.9	1,301.5
New Zealand	0.0	0.0	36.7	0.0	66.5	76.5	87.9	105.4	106.9	128.4
Other Oceania	0.0	0.0	7.2	0.0	7.3	7.7	190.4	164.2	144.1	144.7
OTHERS	1,331.8	1,466.1	34.6	1,649.9	57.5	65.0	69.9	95.1	111.5	108.9
TOTAL	6,323.7	7,002.9	7,649.7	8,044.5	8,802.1	9,435.4	10,406.8	9,962.5	11,946.6	13,671.1

Source:
ASEAN Secretariat

Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	1,611.0	1,990.9	2,191.2	2,712.5	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8
Extra-ASEAN	397.4	522.1	532.3	617.6	738.3	934.6	1,095.9	610.2	482.6	493.8
ASIA (Other than ASEAN)	184.1	237.9	240.9	312.6	394.3	584.3	736.4	256.5	223.7	229.5
China	128.2	161.9	150.8	199.9	245.0	422.4	511.4	545.5	639.2	805.8
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	2.3	3.3	3.2	3.3	4.6	4.5	5.5	8.2	4.3	4.9
Japan	28.1	34.1	37.9	42.0	48.6	44.9	43.8	49.2	32.1	39.0
Korea, Republic of	17.9	27.3	34.7	53.8	81.8	96.1	165.3	173.3	170.6	174.4
Taiwan, Province of China	2.5	3.3	5.0	4.0	4.8	5.5	6.1	14.0	4.3	4.8
Other Asia	5.1	8.0	9.3	9.6	9.5	10.9	4.2	11.8	12.4	6.4
E U R O P E	130.2	178.1	181.5	185.8	212.6	209.3	217.3	221.9	161.2	165.8
France	31.8	44.8	44.4	46.9	52.4	52.1	55.2	55.0	36.8	39.3
Germany	17.7	22.6	21.3	23.4	29.3	29.8	31.9	34.0	23.8	22.9
Italy	5.5	7.1	7.0	6.3	8.8	9.7	9.0	10.1	7.5	6.2
Netherlands	8.5	10.0	9.2	9.3	10.9	8.7	8.4	7.0	5.5	7.8
United Kingdom	27.0	37.3	35.6	35.7	41.7	39.1	41.5	39.2	27.7	26.8
Other Europe	39.7	56.3	64.1	64.2	69.4	69.9	71.3	76.7	59.9	62.8
AMERICAS	53.3	67.3	70.0	75.9	85.9	86.0	89.0	86.2	64.2	69.1
Canada	11.0	13.6	14.4	16.7	17.1	19.1	19.8	19.3	13.5	10.8
USA	39.3	49.8	50.1	53.4	61.6	61.5	63.1	58.1	38.8	49.2
Other Americas	3.1	3.9	5.5	5.7	7.2	5.5	6.1	8.8	12.0	9.2
OCEANIA	27.7	34.9	36.8	39.3	40.9	50.2	39.5	37.9	24.1	23.1
Australia	24.2	30.5	31.9	33.9	35.5	45.0	34.7	33.1	20.9	19.6
New Zealand	3.5	4.4	4.9	5.4	5.5	5.2	4.8	4.8	3.2	3.5
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	2.0	3.9	3.2	4.1	4.6	4.9	13.8	7.7	9.3	6.3
TOTAL	2,008.4	2,513.0	2,723.6	3,330.1	3,779.5	4,158.7	4,684.4	3,693.6	3,229.7	3,380.6

Source:
ASEAN Secretariat

Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	18,386.4	18,937.2	18,885.3	18,809.7	19,105.9	20,372.8	19,146.5	20,271.1	19,478.6	18,114.4
Extra-ASEAN	5,259.8	5,640.0	5,829.0	6,223.0	6,609.6	7,064.5	6,574.7	4,361.3	4,188.2	4,773.8
ASIA (Other than ASEAN)	2,981.0	2,950.0	3,087.9	3,895.9	4,220.5	4,421.6	4,328.5	1,374.4	2,287.3	2,508.7
China	1,019.8	1,130.3	1,250.5	1,558.8	1,791.4	1,613.4	1,677.2	2,124.9	2,281.7	2,944.1
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	589.8	690.8	693.1	691.3	651.0	770.1	722.1	0.0	552.7	600.3
Japan	395.7	415.9	387.0	470.0	513.1	553.1	483.6	413.8	392.8	394.5
Korea, Republic of	227.3	264.1	263.4	284.0	274.7	385.8	421.2	444.4	484.5	616.8
Taiwan, Province of China	197.9	211.1	233.8	242.5	286.3	274.7	283.2	300.9	332.9	383.9
Other Asia	550.5	237.8	260.1	649.3	704.1	824.6	741.2	215.3	524.3	513.1
EUROPE	1,141.8	1,024.3	975.1	1,046.8	1,066.2	1,211.9	1,201.2	1,111.9	1,077.2	1,054.7
France	110.1	111.2	128.0	136.2	145.1	170.0	151.5	134.3	131.7	139.4
Germany	128.3	130.9	124.7	131.3	136.7	158.5	144.9	130.3	109.8	128.9
Italy	46.4	47.1	43.9	44.3	45.3	55.2	51.9	42.7	44.6	52.1
Netherlands	111.1	114.9	90.6	88.4	84.0	98.0	84.6	72.2	75.9	81.7
United Kingdom	435.1	430.0	403.9	402.2	413.5	445.8	401.0	400.3	358.8	361.3
Other Europe	310.9	190.3	184.1	244.4	241.6	284.5	367.2	332.2	356.3	291.4
AMERICAS	345.8	324.7	302.8	327.1	335.8	354.9	360.1	289.4	308.6	338.1
Canada	88.1	91.7	86.0	86.9	88.9	92.8	79.6	72.3	67.1	84.7
USA	228.6	233.0	216.8	240.1	246.9	262.1	237.8	217.1	198.2	253.4
Other Americas	29.1	0.0	0.0	0.0	0.0	0.0	42.8	0.0	43.3	0.0
OCEANIA	599.6	646.8	639.8	573.7	589.5	638.8	551.7	431.1	411.7	402.2
Australia	533.4	580.7	558.4	507.9	526.3	571.3	486.9	377.7	351.2	351.5
New Zealand	63.0	66.2	81.4	65.7	63.2	67.4	60.8	53.4	55.9	50.7
Other Oceania	3.2	0.0	0.0	0.0	0.0	0.0	3.9	0.0	4.5	0.0
OTHERS	191.7	694.2	823.5	379.5	397.6	437.4	133.3	1,154.6	103.6	470.1
TOTAL	23,646.2	24,577.2	24,714.3	25,032.7	25,715.5	27,437.3	25,721.3	24,632.5	23,666.8	22,888.2

 Source:
 ASEAN Secretariat

Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	524.0	512.3	100.4	151.1	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3
Extra-ASEAN	238.5	279.2	716.0	907.9	1,825.6	1,483.2	2,918.1	2,320.5	715.8	668.0
ASIA (Other than ASEAN)	158.0	183.2	161.9	233.0	415.1	1,071.3	2,368.8	284.9	314.1	344.6
China	101.9	113.7	62.0	70.8	90.6	809.4	2,102.7	183.9	996.9	963.2
Hongkong	2.7	3.1	3.8	4.8	7.9	8.5	2.9	0.0	0.4	7.2
India	8.6	9.8	12.3	16.9	21.0	62.1	59.7	38.5	86.9	102.7
Japan	13.8	16.2	21.3	47.7	68.8	83.4	90.3	100.8	101.5	104.4
Korea, Republic of	12.5	18.9	22.5	34.8	54.9	58.5	63.7	64.4	65.8	71.2
Taiwan, Province of China	12.3	14.2	15.5	22.1	30.7	32.7	31.7	36.1	36.5	35.7
Other Asia	6.1	7.3	24.4	36.0	141.3	16.7	17.7	45.1	23.0	23.4
E U R O P E	53.1	65.9	88.5	116.0	168.3	200.3	224.5	255.5	252.4	199.9
France	10.5	13.1	19.4	26.5	35.5	41.5	47.4	52.3	58.4	43.2
Germany	9.6	11.1	14.0	19.5	27.7	32.3	35.7	39.0	40.0	28.8
Italy	6.0	7.2	9.7	9.3	11.7	12.6	14.8	18.0	18.2	16.9
Netherlands	1.9	2.4	0.0	0.0	0.0	10.8	12.2	14.0	13.5	9.4
United Kingdom	6.2	7.3	11.1	20.6	33.2	40.9	45.1	51.1	47.7	36.4
Other Europe	19.0	24.8	34.3	39.9	60.2	62.3	69.2	81.1	74.6	65.2
AMERICAS	18.7	20.6	27.7	47.6	67.3	81.9	93.4	102.5	99.7	86.9
Canada	2.4	2.4	3.7	37.6	9.0	12.3	14.1	15.0	14.1	11.1
USA	15.1	16.5	21.7	6.5	53.7	62.6	69.8	76.5	73.1	65.1
Other Americas	1.2	1.7	2.4	3.5	4.6	7.0	9.6	11.0	12.6	10.8
OCEANIA	8.0	8.7	11.6	20.7	28.1	33.4	35.6	39.2	37.6	32.5
Australia	7.2	7.7	10.4	18.3	24.7	29.2	30.8	34.0	32.6	28.0
New Zealand	0.8	1.0	1.2	2.3	3.3	4.1	4.5	5.0	4.8	4.3
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2
OTHERS	0.8	0.8	426.2	490.6	1,146.8	96.2	195.8	1,638.4	11.9	4.1
TOTAL	762.5	791.5	816.4	1,059.0	2,044.3	3,081.4	4,681.0	2,723.3	2,446.2	2,586.2

Source:
ASEAN Secretariat

Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	255.6	298.2	331.7	375.2	422.1	461.5	481.6	461.7	488.3	530.3
Extra-ASEAN	2,761.5	3,222.3	3,585.8	3,897.6	4,259.2	4,371.9	4,879.1	4,829.6	5,164.1	5,342.1
ASIA (Other than ASEAN)	1,320.5	1,687.5	1,961.0	2,167.5	2,446.5	2,465.6	2,830.4	2,590.5	2,795.2	2,846.2
China	155.0	187.4	243.1	250.9	426.4	395.0	490.8	675.7	968.4	1,255.3
Hongkong	122.8	133.7	112.1	118.7	126.0	114.1	122.2	116.3	111.1	118.0
India	32.8	34.6	42.8	46.4	52.2	61.2	74.8	90.8	107.3	121.1
Japan	325.0	358.7	375.5	412.5	433.7	463.7	495.7	535.2	584.2	631.8
Korea, Republic of	497.9	740.6	925.2	1,031.2	1,165.8	1,175.5	1,339.7	1,475.1	1,607.8	1,588.0
Taiwan, Province of China	102.3	142.5	181.7	216.5	139.1	143.0	177.7	229.3	236.8	240.8
Other Asia	84.7	89.9	80.5	91.4	103.3	113.2	129.6	143.7	148.0	146.5
EUROPE	346.5	371.7	382.2	433.7	468.1	485.8	521.1	594.3	649.5	707.5
France	24.6	27.3	29.6	33.7	39.0	38.9	45.5	55.4	64.8	74.4
Germany	55.9	58.7	61.2	67.0	70.9	72.8	75.3	86.4	85.4	92.1
Italy	15.0	16.4	15.8	16.7	17.7	19.9	21.6	25.9	30.4	35.2
Netherlands	18.6	19.2	21.0	22.2	22.6	25.2	28.6	31.9	33.8	37.0
United Kingdom	91.0	96.9	104.5	113.3	122.8	133.7	154.6	173.3	182.7	201.0
Other Europe	141.4	153.1	150.1	180.7	195.1	195.3	195.4	221.5	252.4	267.7
AMERICAS	688.9	714.1	747.7	783.3	814.6	875.2	946.0	1,057.2	1,176.5	1,279.8
Canada	99.0	106.3	117.4	123.7	131.4	143.9	156.4	175.6	200.6	226.4
USA	582.5	600.2	624.5	652.6	674.6	722.8	779.2	869.5	957.8	1,034.4
Other Americas	7.3	7.6	5.7	7.0	8.6	8.6	10.4	12.1	18.0	18.9
OCEANIA	192.3	210.7	228.1	252.7	276.7	287.0	303.0	321.1	333.2	354.0
Australia	132.3	147.5	170.7	191.2	213.0	224.8	241.2	251.1	259.4	279.8
New Zealand	10.5	11.3	12.8	14.1	15.8	17.7	20.6	23.4	29.0	33.3
Other Oceania	49.5	51.9	44.6	47.5	47.9	44.5	41.2	46.5	44.8	40.9
OTHERS	213.2	238.4	266.8	260.4	253.4	258.3	278.7	266.6	209.8	154.7
TOTAL	3,017.1	3,520.5	3,917.5	4,272.8	4,681.3	4,833.4	5,360.7	5,291.3	5,652.5	5,872.4

Source:
ASEAN Secretariat

Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	3,650.9	4,779.6	5,372.2	5,732.7	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0
Extra-ASEAN	6,030.3	6,859.0	7,799.1	8,758.5	9,453.2	8,982.1	9,483.3	7,603.6	7,971.4	8,569.7
ASIA (Other than ASEAN)	3,255.2	3,912.9	4,681.6	5,359.1	5,891.3	5,474.0	5,956.8	3,962.4	4,046.4	4,293.8
China	936.7	1,171.3	1,577.5	2,033.4	2,269.9	1,722.4	2,106.2	2,863.7	3,228.1	3,417.6
Hongkong	294.4	387.6	464.4	472.1	539.8	631.0	609.9	538.0	465.8	473.1
India	725.5	828.9	869.0	894.6	933.6	943.6	1,014.0	1,097.2	1,272.1	1,442.3
Japan	489.9	528.8	656.4	756.9	832.8	824.7	789.2	783.9	792.9	829.7
Korea, Republic of	272.0	360.7	414.9	445.2	471.8	537.0	577.1	566.5	631.4	629.5
Taiwan, Province of China	156.8	191.2	238.5	282.2	350.3	337.4	378.0	394.2	395.6	422.9
Other Asia	379.9	444.5	460.9	474.8	493.2	477.8	482.5	582.6	488.8	496.3
E U R O P E	1,294.5	1,356.9	1,386.8	1,519.0	1,591.2	1,598.5	1,615.4	1,719.8	1,853.8	2,063.2
France	119.7	130.4	140.3	158.9	160.0	156.9	157.5	170.9	175.4	204.8
Germany	183.7	209.2	220.0	252.4	251.6	263.5	286.7	328.8	342.4	356.8
Italy	46.8	51.1	53.5	65.5	66.7	67.1	69.4	74.6	80.4	102.0
Netherlands	76.4	76.5	81.1	81.6	82.9	81.8	79.1	82.2	86.9	98.3
United Kingdom	469.7	461.7	442.6	446.4	461.5	451.9	473.8	489.2	518.9	588.9
Other Europe	398.3	427.9	449.3	514.2	568.6	577.4	549.0	574.0	649.7	712.4
AMERICAS	467.5	524.6	563.7	616.2	641.5	635.3	657.3	680.7	758.7	861.7
Canada	70.0	75.1	82.9	87.8	92.7	92.8	96.2	98.5	105.2	129.5
USA	370.5	417.0	440.6	477.1	491.9	484.9	499.5	516.5	565.4	643.2
Other Americas	27.0	32.5	40.2	51.4	56.8	57.5	61.5	65.7	88.0	88.9
OCEANIA	936.5	989.0	1,093.4	1,188.5	1,261.1	1,207.9	1,186.3	1,168.1	1,235.7	1,267.1
Australia	830.2	880.5	956.0	1,049.7	1,125.2	1,074.9	1,043.6	1,027.3	1,082.0	1,107.2
New Zealand	93.8	95.8	123.0	123.7	120.4	118.7	127.6	121.1	131.2	137.7
Other Oceania	12.4	12.8	14.4	15.1	15.5	14.3	15.1	19.7	22.4	22.2
OTHERS	76.6	75.6	73.5	75.7	68.1	66.4	67.5	72.7	76.8	83.9
TOTAL	9,681.3	11,638.7	13,171.3	14,491.2	15,567.9	15,095.2	15,231.5	13,539.9	14,196.5	15,090.7

Source:
ASEAN Secretariat

Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	4,074.7	4,534.2	5,529.9	6,462.6	7,410.4	6,620.2	7,886.1	8,897.3	9,322.5	10,284.1
Extra-ASEAN	10,075.2	11,402.2	13,568.4	15,891.3	19,136.3	18,159.5	21,995.0	14,811.1	16,463.2	17,457.3
ASIA (Other than ASEAN)	4,576.6	5,180.9	6,552.9	8,218.6	10,668.1	9,758.5	14,022.5	6,345.1	7,257.0	7,943.0
China	815.7	1,122.2	1,760.6	2,761.2	4,609.7	4,623.8	7,934.8	8,821.1	9,806.3	10,536.0
Hongkong	378.9	316.5	418.1	604.9	694.1	483.9	669.2	690.5	821.1	1,015.7
India	596.5	760.4	916.8	985.9	1,028.4	946.3	1,069.1	1,077.0	1,415.2	1,596.8
Japan	982.6	993.7	1,126.2	1,341.1	1,515.7	1,265.3	1,381.7	1,416.9	1,544.4	1,656.1
Korea, Republic of	620.7	805.4	1,014.3	1,153.5	1,292.3	1,117.4	1,373.0	1,449.6	1,709.3	1,796.6
Taiwan, Province of China	366.7	369.2	450.8	393.3	503.9	392.8	552.6	513.5	573.1	687.7
Other Asia	815.4	813.5	866.2	978.8	1,023.9	929.0	1,042.1	1,197.6	1,194.0	1,190.1
EUROPE	3,852.0	4,442.4	4,948.9	5,454.5	6,155.6	6,156.1	5,629.1	6,008.4	6,514.0	6,765.3
France	401.3	461.7	509.2	538.3	723.7	632.2	681.1	697.7	740.2	749.6
Germany	556.9	606.9	603.2	663.6	580.1	717.6	760.6	825.5	850.1	889.8
Italy	164.3	168.2	181.3	187.6	197.2	220.0	246.1	248.9	264.5	280.2
Netherlands	203.7	197.0	197.2	197.7	209.7	210.3	221.7	228.4	222.4	236.3
United Kingdom	777.3	810.7	844.2	800.1	847.7	909.3	946.9	961.5	994.8	987.5
Other Europe	1,748.5	2,197.9	2,613.7	3,067.2	3,597.2	3,466.6	2,772.8	3,046.3	3,442.0	3,622.0
AMERICAS	795.1	844.6	953.2	1,006.9	1,104.0	1,104.7	1,235.1	1,341.5	1,542.0	1,600.9
Canada	147.2	168.4	192.8	192.6	209.1	213.2	227.3	222.4	258.5	276.5
USA	599.5	611.8	684.1	726.5	788.8	764.7	867.5	938.9	1,056.4	1,123.2
Other Americas	48.4	64.5	76.3	87.8	106.1	126.8	140.3	180.3	227.0	201.1
OCEANIA	728.4	789.6	960.3	1,036.0	1,019.4	947.2	921.4	918.5	938.9	922.5
Australia	645.5	698.0	854.1	930.0	906.0	835.5	805.9	813.0	817.2	801.6
New Zealand	78.3	89.4	103.6	99.4	106.7	108.4	112.3	99.4	118.0	116.8
Other Oceania	4.6	2.2	2.6	6.6	6.6	3.3	3.1	6.1	3.7	4.0
OTHERS	123.1	144.7	153.2	175.2	189.3	193.0	186.9	197.6	211.3	225.6
TOTAL	14,149.8	15,936.4	19,098.3	22,353.9	26,546.7	24,779.8	29,881.1	23,708.4	25,785.7	27,741.3

Source:
ASEAN Secretariat

Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2009-2018

(in thousand)

Country of Origin	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Intra-ASEAN	318.9	688.7	838.4	1,363.8	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3
Extra-ASEAN	3,453.3	4,361.1	5,175.6	5,483.9	6,132.1	6,379.2	6,642.8	5,854.7	7,230.4	8,750.0
ASIA (Other than ASEAN)	1,520.5	2,177.4	2,795.8	3,128.8	3,669.8	3,846.7	4,334.2	2,826.4	4,070.9	5,327.7
China	527.6	905.4	1,416.8	1,428.7	1,907.8	1,947.2	1,780.9	2,696.8	4,008.3	4,966.5
Hongkong	-	0.0	0.0	13.4	10.2	14.6	0.0	34.6	47.7	62.2
India	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109.5	132.4
Japan	359.2	442.1	481.5	576.4	604.1	648.0	671.4	34.6	798.1	826.7
Korea, Republic of	362.1	495.9	536.4	700.9	748.7	848.0	1,113.0	1,543.9	2,415.2	3,485.4
Taiwan, Province of China	271.5	334.0	361.1	409.4	399.0	389.0	330.2	507.3	616.2	714.1
Other Asia	-	0.0	0.0	0.0	0.0	0.0	438.7	706.0	84.1	106.9
E U R O P E	174.5	199.4	211.4	927.0	1,046.1	1,198.5	1,200.0	1,445.0	1,885.7	2,037.9
France	174.5	199.4	211.4	219.7	209.9	213.7	211.6	240.8	255.4	279.7
Germany	-	0.0	0.0	106.6	97.7	142.3	149.1	176.0	199.9	214.0
Italy	-	0.0	0.0	31.3	32.1	36.4	40.3	51.3	58.0	65.6
Netherlands	-	0.0	0.0	45.9	47.4	49.1	53.0	64.7	72.3	77.3
United Kingdom	-	0.0	0.0	170.3	184.7	202.3	212.8	254.8	283.5	298.1
Other Europe	-	0.0	0.0	353.1	474.3	554.6	533.3	657.4	1,016.6	1,103.3
AMERICAS	403.9	431.0	439.9	557.4	537.2	548.1	473.9	675.6	817.0	903.8
Canada	-	0.0	0.0	113.6	105.0	104.3	105.7	122.9	138.2	149.5
USA	403.9	431.0	439.9	443.8	432.2	443.8	368.2	552.6	614.1	687.2
Other Americas	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.7	67.1
OCEANIA	218.5	278.2	289.8	316.5	350.6	354.2	335.7	363.3	420.9	437.8
Australia	218.5	278.2	289.8	289.8	319.6	321.1	303.7	320.7	370.4	386.9
New Zealand	-	0.0	0.0	26.6	31.0	33.1	32.0	42.6	49.1	49.9
Other Oceania	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.0
OTHERS	1,135.9	1,275.3	1,438.8	554.3	528.4	431.7	299.1	544.5	35.9	42.8
TOTAL	3,772.3	5,049.9	6,014.0	6,847.7	7,572.4	7,874.3	7,943.7	7,315.9	8,913.9	10,531.3

Source:
ASEAN Secretariat



CHAPTER 10
Agriculture

Table 10.1. Agriculture Land and Land Use in ASEAN, 2017

Country	Total Area (000 Ha)	Land Area						Rural Population (000)
		Total Land Area (000 Ha)	Agricultural Area				% of Agriculture Area to Land Area	
			Arable Land (000 Ha)	Permanent Crops (000 Ha)	Permanent Pasture (000 Ha)	Total Agrc. Area (000 Ha) (4)+(5)+(6)		
Brunei Darussalam	577.0	527.0	5.0	6.0	3.4	14.4	2.7	96.9
Cambodia	18,104.0	17,652.0	3,911.0	155.0	1,500.0	5,566.0	31.5	12,558.9
Indonesia	191,682.0	187,751.9	26,300.0	25,000.0	11,000.0	62,300.0	33.2	118,636.1
Lao PDR	23,680.0	23,080.0	1,555.0	169.0	675.0	2,399.0	10.4	4,546.2
Malaysia	33,034.5	32,855.0	845.2	7,460.0	285.0	8,590.2	26.1	7,592.1
Myanmar	67,659.0	65,279.0	11,061.6	1,510.0	299.1	12,870.7	19.7	37,572.5
Philippines	30,000.0	29,817.0	5,590.0	5,350.0	1,500.0	12,440.0	41.7	57,134.9
Singapore	71.9	70.9	0.6	0.1	-	0.7	0.9	n.a.
Thailand	51,312.0	51,089.0	16,810.0	4,500.0	800.0	22,110.0	43.3	34,173.3
Viet Nam	33,123.0	31,007.0	6,988.3	4,538.5	642.0	12,168.8	39.2	61,742.3
Total	449,243.4	439,128.8	73,066.7	48,688.6	16,704.5	138,459.8	31.5	334,053.3

Source:
FAOSTAT website, as of November 2019

Notes:
. not available at the time of publication
n.a. not applicable

Table 10.2. GDP Share, Employment, Exports and Imports Share of Agriculture Sector in ASEAN, 2017-2018

(in percent)

Country	GDP Share ¹⁾		Employment Share ²⁾		Exports Share		Imports Share	
	2017	2018	2017	2018	2017	2018	2017	2018
Brunei Darussalam	0.8	0.8	1.4	1.1	0.2	0.2	15.1	12.3
Cambodia	20.6	16.3	-	-	5.2	5.5	7.8	7.5
Indonesia	12.7	12.5	29.7	28.8	21.8	19.3	11.2	10.5
Lao PDR	15.3	14.5	-	-	21.2	17.5	12.2	12.5
Malaysia	7.6	7.3	11.3	10.6	10.0	8.4	7.8	7.4
Myanmar	25.8	24.6	55.8	51.6	32.2	28.0	14.8	13.3
Philippines	8.5	8.1	34.7	32.0	9.6	8.9	11.5	11.9
Singapore	0.0	0.0	-	-	2.8	3.3	3.7	3.6
Thailand	6.1	6.1	35.1	35.8	14.0	14.0	6.4	6.1
Viet Nam	14.8	14.3	40.2	41.9	12.1	11.0	8.0	8.2
Total in percent					10.7	9.9	7.4	7.3
Total in Million US \$					141,092.8	142,158.8	92,463.5	101,188.8

Sources:
 GDP: ASEAN Secretariat;
 Employment share: AMS' website

Notes:
 1) GDP share; based on real (Constant Price) GDP; ASEAN Macroeconomic Database, based on country submission
 2) Refer to Table 3.9
 . not available at the time of publication

Table 10.3. Paddy Production in ASEAN, 2009-2018

(in thousand metric ton)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	1.4	1.7	2.2	2.3	1.9	2.1	3.1	3.2	2.5	2.4
Cambodia	7,586.0	8,249.0	8,779.0	9,000.0	9,290.9	9,291.0	9,324.4	9,227.0	9,952.3	10,518.3
Indonesia	64,398.9	66,469.4	65,756.9	69,080.0	71,280.0	70,846.5	75,397.8	77,245.3	81,148.6	57,468.8
Lao PDR	3,034.6	3,070.6	3,065.8	3,489.2	3,414.6	4,002.4	4,048.2	4,300.0	4,055.4	3,425.8
Malaysia	2,460.0	2,464.0	2,665.0	2,750.0	2,615.9	2,848.6	2,674.4	3,432.9	2,570.5	2,715.0
Myanmar	32,057.9	32,165.1	32,064.4	29,009.9	27,703.7	28,322.2	28,127.2	29,073.0	27,255.4	27,647.7
Philippines	16,266.4	15,772.3	16,684.1	18,032.5	18,439.4	18,967.8	18,296.7	18,365.3	18,549.6	19,420.4
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	31,650.6	32,116.1	35,583.6	31,625.3	38,000.2	36,762.3	31,616.9	27,418.5	31,857.2	32,898.9
Viet Nam	38,895.5	40,005.6	42,324.4	43,400.4	44,076.1	44,972.8	45,215.7	45,640.0	42,763.7	43,979.2
ASEAN	196,351.3	200,313.8	206,925.3	206,389.6	214,822.6	216,015.7	214,704.4	214,705.1	218,155.2	198,076.5

Source:
ASEAN Food Security Information System (AFSIS) Publication; <http://www.afts.org/>

Note:
"-": not available at the time of publication

Chart 10.1. Paddy Production of Five Major Paddy Producers in ASEAN, 2009-2018

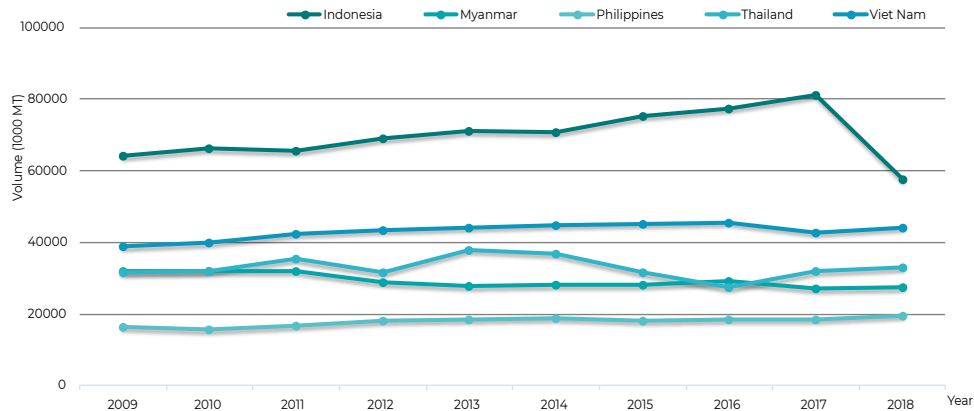


Table 10.4. Maize Production in ASEAN, 2009-2018

(in thousand metric ton)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	924.0	773.0	717.2	940.4	843.0	926.9	549.4	560.6	662.8	1,231.5
Indonesia	17,629.8	18,327.6	17,643.3	19,387.0	18,509.0	19,008.4	19,833.3	21,835.9	28,924.0	30,043.2
Lao PDR	1,107.1	1,020.9	1,098.0	1,125.5	1,214.1	1,136.6	1,110.0	1,112.8	1,252.1	732.6
Malaysia	35.2	47.6	50.0	52.5	0.0	0.0	0.0	0.0	0.0	0.0
Myanmar	1,185.0	1,225.9	1,354.6	1,485.0	1,525.7	1,626.3	1,720.6	1,855.0	1,831.0	1,909.6
Philippines	7,034.0	6,376.8	6,971.2	7,407.1	7,377.3	7,770.6	7,553.0	7,813.4	8,087.0	7,979.7
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	4,684.3	4,855.4	4,779.6	4,808.8	5,061.1	4,715.3	4,620.0	4,691.0	4,601.2	5,034.8
Viet Nam	4,381.8	4,625.7	4,646.4	4,797.3	5,193.4	5,200.4	5,280.7	5,251.8	5,109.8	4,905.9
ASEAN	36,981.5	37,252.9	37,260.3	40,003.5	39,723.6	40,384.5	40,666.9	43,120.4	50,467.9	51,837.3

Source:
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Note:
“-” not available at the time of publication

Table 10.5. Soybean Production in ASEAN, 2009-2018

(in thousand metric ton)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	137.0	157.0	114.6	119.8	131.0	131.1	104.2	108.3	95.0	91.8
Indonesia	974.5	907.0	851.3	843.0	780.0	955.0	983.0	969.5	538.7	982.6
Lao PDR	16.7	11.4	13.8	6.4	13.9	17.0	17.6	17.9	19.3	8.4
Malaysia	-	-	-	-	-	-	-	-	-	-
Myanmar	240.5	253.7	254.5	236.9	237.9	234.9	228.9	246.2	214.8	209.5
Philippines	0.8	0.8	0.7	0.6	0.8	0.9	0.7	0.6	0.9	0.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	194.9	169.6	151.4	151.4	76.5	55.9	57.7	56.6	41.2	42.9
Viet Nam	213.6	298.6	254.2	177.6	168.4	156.5	146.4	137.7	101.9	80.8
ASEAN	1,778.1	1,798.1	1,640.5	1,535.7	1,408.5	1,551.3	1,538.5	1,536.8	1,011.7	1,416.6

Source:
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Note:
“-” not available at the time of publication

Table 10.6. Sugarcane Production in ASEAN, 2009-2018

(in thousand metric ton)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	350.0	366.0	468.7	-	730.0	911.3	1,541.0	1,571.8	629.3	691.9
Indonesia ¹⁾	2,849.8	2,290.1	2,267.9	2,592.0	2,551.0	2,579.2	2,498.0	2,223.0	28,806.4	31,864.0
Lao PDR	1,014.1	818.7	1,222.0	1,055.7	865.1	1,840.5	1,749.8	1,821.0	2,069.2	1,834.5
Malaysia	274.6	207.0	209.1	49.4	0.0	0.0	0.0	0.0	0.0	0.0
Myanmar	9,744.2	9,561.5	9,249.5	9,537.4	9,413.1	10,307.4	11,128.4	12,014.9	10,437.1	10,370.0
Philippines	22,932.8	17,929.3	28,376.5	26,395.9	24,584.8	24,175.3	22,654.0	22,349.8	27,599.8	23,881.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	74,771.8	68,807.8	95,950.4	101,165.0	100,095.6	103,697.0	106,327.8	99,100.2	93,088.5	135,073.8
Viet Nam	15,246.4	16,161.7	17,464.8	18,984.0	20,018.4	19,827.7	18,320.8	19,100.0	18,319.2	17,840.0
ASEAN	127,183.9	116,142.1	155,208.9	159,779.4	158,258.1	163,338.3	164,219.8	158,180.6	180,949.4	221,555.9

Source:
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Note:
1) Indonesia data from : Ministry of Agriculture Publication
“-” not available at the time of publication

Chart 10.2. Sugarcane Production of Five Major Sugarcane Producers in ASEAN, 2009-2018

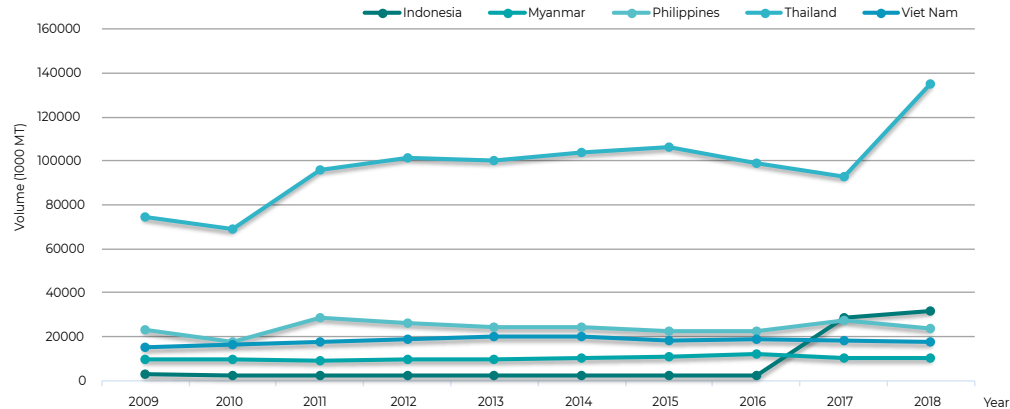


Table 10.7. Cassava Production in ASEAN, 2009-2018

(in thousand metric ton)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.1	0.2	0.1	0.2	-	0.2	0.2	0.2	0.2	0.2
Cambodia	3,497.0	4,249.0	8,033.8	6,000.0	7,632.0	7,933.4	11,944.5	13,222.3	13,386.7	13,750.1
Indonesia	22,039.1	23,058.3	24,044.0	24,177.0	23,937.0	23,436.4	22,906.1	26,749.0	19,045.6	19,341.2
Lao PDR	152.6	500.1	743.2	1,060.9	1,254.2	1,629.8	1,513.9	1,527.2	1,557.8	2,279.0
Malaysia	36.9	37.2	39.1	41.0	-	51.9	57.1	62.8	67.3	35.0
Myanmar	333.5	477.7	607.1	729.9	578.6	524.2	484.9	509.3	426.3	398.8
Philippines	2,043.7	2,101.5	2,209.7	2,223.2	2,361.6	2,540.3	2,714.1	2,857.9	2,792.0	2,753.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	30,088.0	22,005.7	21,912.4	24,847.8	30,227.5	30,022.1	32,357.7	31,807.5	30,935.5	29,368.2
Viet Nam	8,556.9	8,595.6	9,875.3	9,691.8	9,742.5	10,211.1	10,673.7	10,200.9	11,263.2	9,940.0
ASEAN	66,747.9	61,025.3	67,464.8	68,771.8	75,733.4	76,349.3	82,652.2	86,936.9	79,474.5	77,866.0

Source:
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Note:
"-": not available at the time of publication

Table 10.8. Rate of Growth of ASEAN Five Major Food Commodities

(in percent)

Products	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2009-2018
Paddy	1.7	2.0	3.3	(0.3)	4.1	0.6	(0.6)	0.0	1.6	(9.2)	0.1
Maize	6.3	0.7	0.0	7.4	(0.7)	1.7	0.7	6.0	17.0	2.7	3.4
Soybean	11.8	1.1	(8.8)	(6.4)	(8.3)	10.1	(0.8)	(0.1)	(34.2)	40.0	(2.2)
Sugarcane	(4.4)	(8.7)	33.6	2.9	(1.0)	3.2	0.5	(3.7)	14.4	22.4	5.7
Cassava	9.2	(8.6)	10.6	1.9	10.1	0.8	8.3	5.2	(8.6)	(2.0)	1.6

Source:
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Chart 10.3. Rate of Growth of ASEAN Five Major Food Commodities, 2009-2018

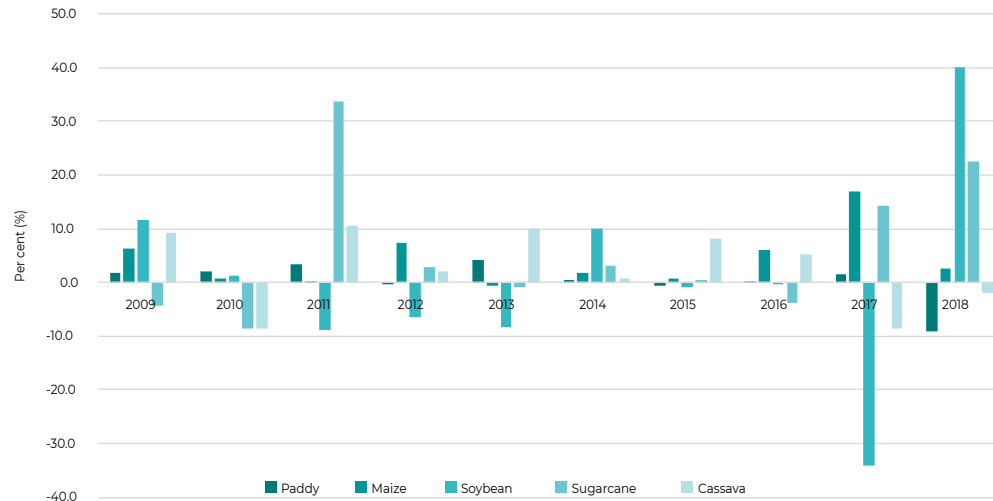


Table 10.9. Production of Selected Agricultural Products in ASEAN, 2016

(in thousand metric ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Total Cereals	1.7	10,178.4	97,667.1	5,701.2	2,317.3	28,109.0	24,846.7	-	30,420.8	48,685.1	247,927.1
Wheat	-	-	-	-	-	102.6	-	-	1.3	-	103.9
Coconuts	0.4	69.6	17,722.4	-	504.8	531.7	13,825.1	0.1	815.4	1,470.0	34,939.5
Total Fruit Primary	6.9	377.3	18,524.2	1,231.3	1,275.3	2,523.6	16,323.2	0.0	10,814.9	8,573.3	59,650.0
Bananas	0.8	140.6	7,007.1	796.2	309.5	-	5,829.1	-	1,075.3	1,941.9	17,100.6
Mangoes	-	67.0	2,184.4	4.9	102.0	1.4	827.1	-	3,432.1	725.3	7,344.2
Citrus Fruit	0.5	71.2	2,138.5	99.9	40.0	-	164.1	-	984.7	1,134.2	4,633.0
Other Crops											
Coffee, Green	-	0.4	639.3	136.6	7.2	8.5	68.8	-	32.8	1,460.8	2,354.3
Tea	-	-	144.0	7.3	11.3	102.4	-	-	52.6	240.0	557.6
Cocoa beans	-	-	656.8	-	1.8	-	6.3	-	0.1	-	665.0
Natural Rubber	0.3	16.1	3,157.8	-	673.5	221.7	362.6	-	4,476.6	1,035.3	9,943.9
Palm Oil Fruit	-	160.0	160,135.8	-	86,325.3	-	439.5	-	12,081.9	-	259,142.5
Sweet Potatoes	0.3	43.7	2,270.6	153.1	43.2	61.0	529.5	-	-	1,269.3	4,370.6
Groundnuts	-	28.6	504.9	63.2	0.2	1,572.4	27.9	-	32.0	427.2	2,656.5

Source:
FAOSTAT database

Note:
“-” not available at the time of publication

Table 10.10. Production of Selected Agricultural Products in ASEAN, 2017

(in thousand metric ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Total Cereals	2.3	11,100.0	109,334.0	5,232.3	2,974.5	28,119.3	27,191.8	-	38,717.4	47,877.2	270,548.9
Wheat	-	-	-	-	-	123.3	-	-	1.3	-	124.5
Coconuts	0.4	69.6	18,983.4	-	517.6	545.6	14,049.1	0.1	895.0	1,499.2	36,560.0
Total Fruit Primary	8.0	376.7	19,518.5	1,292.7	1,278.1	2,608.3	16,579.8	0.0	11,451.7	8,996.9	62,110.8
Bananas	1.8	137.7	7,162.7	946.8	350.5	-	6,041.4	-	1,000.0	2,045.4	17,686.2
Mangoes	-	68.7	2,566.0	5.0	113.8	1.4	749.0	-	3,824.3	744.4	8,072.6
Citrus Fruit	0.5	71.1	2,295.3	101.9	39.9	-	160.4	-	981.5	1,336.7	4,987.3
Other Crops											
Coffee, Green	-	0.4	668.7	150.8	8.1	8.5	62.1	-	34.3	1,542.4	2,475.3
Tea	-	-	139.4	7.7	10.4	104.7	-	-	58.0	260.0	580.2
Cocoa beans	-	-	659.8	-	1.0	-	7.0	-	0.1	-	667.9
Natural Rubber	0.3	15.8	3,629.5	-	740.1	236.7	407.0	-	4,600.0	1,094.5	10,724.0
Palm Oil Fruit	-	160.0	158,343.1	-	101,740.9	-	474.8	-	14,591.3	-	275,310.1
Sweet Potatoes	0.3	40.0	2,023.0	110.1	41.2	62.3	537.3	-	-	1,352.5	4,166.8
Groundnuts	-	20.0	480.0	49.1	0.2	1,582.7	29.4	-	32.0	459.8	2,653.3

Source:
FAOSTAT database

Note:
“-” not available at the time of publication

Table 10.11. Livestock and Poultry Population in ASEAN, 2014-2017

(head/ thousand head)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2017											
Livestock Population (Head)											
Buffaloes	2,942.0	655,498.0	1,395,191.0	1,189,000.0	119,264.0	3,746,870.0	2,881,894.0	-	996,307.0	2,491,662.0	13,478,628.0
Cattle	770.0	2,962,211.0	16,599,247.0	1,984,000.0	744,174.0	17,147,467.0	2,547,614.0	174.0	4,680,000.0	5,654,901.0	52,320,558.0
Goats	7,283.0	-	18,410,379.0	588,000.0	431,258.0	8,132,928.0	3,710,348.0	735.0	469,399.0	2,556,268.0	34,306,598.0
Pigs	1,300.0	1,926,137.0	8,138,276.0	3,869,000.0	1,647,594.0	17,999,257.0	12,427,790.0	-	7,872,047.0	27,406,739.0	81,288,140.0
Sheep	4,528.0	-	16,462,274.0	-	137,872.0	1,653,994.0	30,000.0	-	40,918.0	-	18,329,586.0
Poultry Population (Thousand Head)											
Chicken	17,051.0	13,827.0	2,175,612.0	36,960.0	308,255.0	312,554.0	175,317.0	3,642.0	273,545.0	295,209.0	3,611,972.0
Duck	236.0	8,827.0	49,709.0	3,566.0	10,354.0	24,823.0	10,842.0	-	12,890.0	74,948.0	196,195.0
2016											
Livestock Population (Head)											
Buffaloes	1,916.0	681,980.0	1,386,280.0	1,177,000.0	118,608.0	3,641,079.0	2,864,039.0	-	886,796.0	2,519,411.0	13,277,109.0
Cattle	722.0	2,882,660.0	16,092,561.0	1,923,000.0	748,483.0	16,570,928.0	2,552,770.0	174.0	5,466,839.0	5,496,557.0	51,734,694.0
Goats	7,465.0	-	19,608,181.0	560,000.0	446,854.0	7,289,158.0	3,608,919.0	739.0	470,905.0	2,163,003.0	34,155,224.0
Pigs	1,250.0	2,182,494.0	8,114,488.0	3,700,000.0	2,304,261.0	16,524,336.0	12,199,442.0	-	7,940,843.0	29,075,315.0	82,042,429.0
Sheep	4,382.0	-	18,065,553.0	-	145,999.0	1,496,476.0	30,000.0	-	40,274.0	-	19,782,684.0
Poultry Population (Thousand Head)											
Chicken	20,080.0	13,250.0	2,053,397.0	35,150.0	305,058.0	296,267.0	183,429.0	3,650.0	272,319.0	277,189.0	3,459,789.0
Duck	235.0	8,343.0	47,360.0	3,530.0	10,656.0	23,627.0	10,329.0	-	13,711.0	71,286.0	189,077.0
2015											
Livestock Population (Head)											
Buffaloes	2,327.0	682,000.0	1,346,917.0	1,165,000.0	118,569.0	3,531,898.0	2,854,838.0	-	762,915.0	2,524,000.0	12,988,464.0
Cattle	742.0	2,875,000.0	15,419,718.0	1,828,000.0	742,338.0	15,993,276.0	2,534,243.0	178.0	4,646,092.0	5,367,200.0	49,406,787.0
Goats	7,101.0	-	19,012,794.0	533,000.0	431,651.0	6,324,762.0	3,674,186.0	691.0	446,639.0	1,777,644.0	32,208,468.0
Pigs	1,259.0	2,180,000.0	7,808,087.0	3,258,000.0	2,286,823.0	15,055,885.0	11,999,722.0	-	7,638,977.0	27,750,700.0	77,979,453.0
Sheep	4,109.0	-	17,024,685.0	-	147,033.0	1,321,424.0	30,000.0	-	43,153.0	-	18,570,404.0
Poultry Population (Thousand Head)											
Chicken	20,779.0	13,000.0	1,968,641.0	34,422.0	286,621.0	318,530.0	176,469.0	3,534.0	273,643.0	259,295.0	3,354,934.0
Duck	230.0	8,300.0	45,322.0	3,534.0	9,897.0	23,662.0	10,067.0	-	15,073.0	69,547.0	185,632.0
2014											
Livestock Population (Head)											
Buffaloes	2,400.0	680,000.0	1,335,147.0	1,153,000.0	121,259.0	3,422,374.0	2,847,445.0	-	1,020,088.0	2,521,400.0	13,103,113.0
Cattle	800.0	2,875,000.0	14,726,875.0	1,766,000.0	743,019.0	15,481,101.0	2,512,184.0	200.0	4,898,575.0	5,234,300.0	48,238,054.0
Goats	7,000.0	-	18,639,533.0	481,000.0	429,439.0	5,615,439.0	3,695,627.0	670.0	447,546.0	1,600,275.0	30,916,529.0
Pigs	1,300.0	2,180,000.0	7,694,130.0	3,122,000.0	2,188,991.0	13,760,958.0	11,801,656.0	-	7,591,530.0	26,761,400.0	75,101,965.0
Sheep	4,000.0	-	16,091,838.0	-	143,138.0	1,162,318.0	30,000.0	-	43,901.0	-	17,475,195.0
Poultry Population (Thousand Head)											
Chicken	20,000.0	13,000.0	1,865,126.0	32,408.0	280,270.0	258,194.0	167,671.0	3,500.0	266,962.0	245,978.0	3,153,109.0
Duck	230.0	8,300.0	45,268.0	3,500.0	9,418.0	20,128.0	9,886.0	-	15,222.0	68,507.0	180,459.0

Sources
FAO database, <http://faostat.fao.org/>

Note:
"-" not available at the time of publication

Table 10.12. Livestock and Poultry Meat Production¹⁾ in ASEAN, 2014-2017

(in thousand metric ton)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2017											
Livestock production											
Beef and Buffalo Meat	0.6	66.2	564.0	54.8	49.6	474.8	312.3	0.0	154.2	409.6	2,086.1
Pig meat	0.1	98.4	344.2	86.3	194.4	960.6	1,837.3	20.7	902.3	3,733.3	8,177.5
Mutton and Goat Meat	0.0	-	70.0	2.3	3.1	89.2	60.2	0.0	1.9	16.4	243.2
Poultry production											
Poultry meat	23.2	28.3	2,301.4	33.4	1,724.4	1,661.8	1,271.7	97.6	1,676.5	917.9	9,736.1
Total meat production	23.8	192.9	3,279.7	176.7	1,971.5	3,186.4	3,481.5	118.4	2,734.9	5,077.3	20,242.9
2016											
Livestock production											
Beef and Buffalo Meat	0.4	65.0	561.1	53.5	50.2	449.4	305.1	0.0	144.8	395.2	2,024.7
Pig meat	0.0	111.1	342.3	82.7	218.3	874.0	1,790.1	18.9	944.6	3,664.6	8,046.6
Mutton and Goat Meat	0.1	-	114.8	2.2	4.5	93.0	57.9	0.0	2.0	13.3	287.8
Poultry production											
Poultry meat	27.4	27.0	2,147.2	31.9	1,671.4	1,662.6	1,238.2	100.1	1,670.5	868.0	9,444.3
Total meat production	27.9	203.1	3,165.5	170.3	1,944.4	3,079.0	3,391.3	119.1	2,761.8	4,941.1	19,803.5
2015											
Livestock production											
Beef and Buffalo Meat	0.5	64.7	542.1	52.7	50.5	402.2	304.7	0.0	156.4	385.5	1,959.2
Pig meat	0.1	110.5	330.2	72.7	219.1	863.2	1,775.7	17.9	938.6	3,491.6	7,819.6
Mutton and Goat Meat	0.1	-	109.5	2.2	4.4	89.1	56.8	0.0	1.9	12.2	276.2
Poultry production											
Poultry meat	28.3	26.3	2,065.7	31.3	1,633.4	1,648.0	1,222.0	83.6	1,703.2	823.2	9,265.0
Total meat production	28.8	201.5	3,047.5	158.9	1,907.4	3,002.6	3,359.3	101.5	2,800.1	4,712.5	19,320.0
2014											
Livestock production											
Beef and Buffalo Meat	0.6	65.5	532.9	50.4	52.9	369.4	301.5	0.0	161.9	378.8	1,913.7
Pig meat	0.1	111.7	302.3	69.2	217.6	821.1	1,690.7	17.0	948.9	3,351.2	7,529.7
Mutton and Goat Meat	0.1	-	108.8	1.9	4.5	75.7	55.4	0.0	2.0	10.1	258.5
Poultry production											
Poultry meat	26.9	27.0	1,972.4	29.9	1,572.8	1,526.3	1,151.7	95.0	1,813.5	730.9	8,946.3
Total meat production	27.5	204.1	2,916.4	151.3	1,847.8	2,792.5	3,199.3	112.1	2,926.3	4,470.9	18,648.2

Sources

 FAO database, <http://faostat.fao.org/>; as of November 2019

Notes:

1) Some figures from the FAO are unofficial estimates: Cambodia (all); Lao PDR (goat meat); Indonesia (pork); Malaysia (buffalo and goat meat); Myanmar (beef, buffalo meat and pork); Philippines (mutton and lamb); Thailand (all except poultry meat); and Viet Nam (buffalo and goat meat)

. not available at the time of publication

Chart 10.4. Trend of Livestock and Poultry Meat Production in ASEAN, 2014-2017

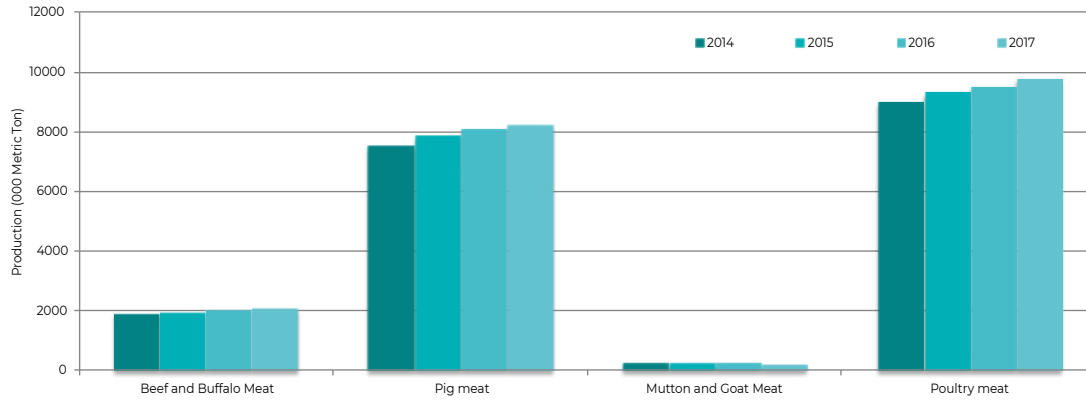


Chart 10.5. Growth Rate of Livestock and Poultry Population in ASEAN, 2014-2017

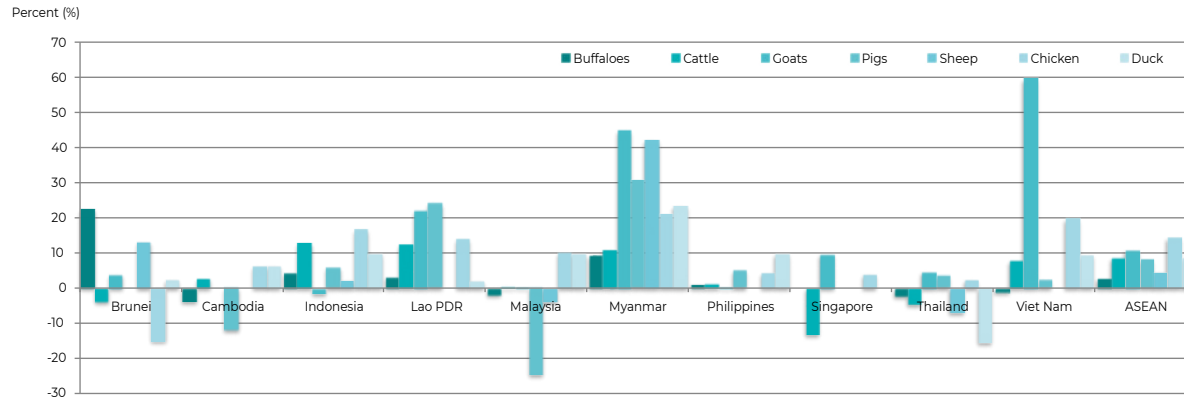


Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs, 2009-2018

(in million US\$)

No	Description	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% growth (2009-2018)
01	Rice, including husked and broken rice	6,621.3	8,811.4	10,559.1	8,836.3	7,830.5	9,050.0	8,161.6	7,093.2	8,911.3	9,365.1	3.5
02	Banana, fresh	363.7	339.3	524.0	678.1	1,003.3	1,223.3	564.6	965.1	1,475.7	1,797.6	17.3
03	Pineapple Production excluding fresh	734.0	735.3	1,073.3	942.9	848.2	888.3	1,139.9	1,135.2	1,088.6	757.7	0.3
04	Mangoes pineapple fresh, including guava, mangosteen, etc	173.4	197.0	300.9	362.5	510.3	615.8	508.2	662.9	946.7	962.7	18.7
05	Oil of palm	19,904.4	26,049.4	35,344.4	33,546.8	28,768.7	29,859.8	25,030.9	23,608.7	28,570.5	25,574.9	2.5
06	Coconut oil	1,108.3	1,987.2	2,644.7	2,165.9	1,624.1	2,413.6	2,167.4	2,179.9	2,590.6	1,957.6	5.9
07	Cake of coconuts	74.8	106.9	97.5	187.3	290.4	178.0	120.8	96.1	102.2	120.2	4.9
08	Soybeans	18.5	15.4	22.1	23.8	20.8	50.5	20.8	23.2	20.4	11.1	(5.0)
09	Sugar and honey	2,731.4	3,363.4	5,508.0	2,736.1	2,974.9	2,663.4	2,905.1	3,608.7	3,455.8	2,998.9	0.9
10	Coffee, green, husk, roasted	1,908.5	2,475.4	3,941.9	4,312.3	3,546.5	4,006.1	3,532.1	4,050.4	4,076.7	3,876.5	7.3
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	3,493.2	4,881.3	5,379.2	4,812.5	5,164.7	5,966.0	4,341.0	4,850.0	5,882.1	5,199.0	4.1
12	Tobacco	1,749.8	2,193.0	2,452.2	2,512.7	2,801.2	3,070.9	3,197.7	3,186.4	3,173.2	3,374.8	6.8
13	Crude Rubber	9,692.6	20,870.4	32,785.6	22,399.2	20,400.2	14,200.6	11,290.4	10,087.9	13,999.5	10,966.6	1.2
14	Fertilizers, manufactured	974.3	1,161.3	1,791.7	1,886.3	1,947.1	1,638.3	1,234.9	1,108.7	1,407.5	1,678.6	5.6
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	166.3	41.5	42.9	45.3	82.3	68.7	78.9	68.9	81.9	88.8	(6.1)

Source:
ASEAN Secretariat

Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs, 2009-2018

(in million US\$)

No	Description	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% growth (2009-2018)
01	Rice, including husked and broken rice	2,040.6	2,872.7	2,922.2	2,359.2	1,320.8	1,768.3	1,708.4	1,497.2	1,189.3	2,821.1	3.3
02	Banana, fresh	2.0	23.7	25.9	32.5	40.4	45.9	48.2	50.4	57.6	73.1	43.6
03	Pineapple Production excluding fresh	8.4	9.2	12.0	11.3	12.3	12.8	14.5	17.5	17.2	11.3	3.1
04	Mangoes pineapple fresh, including guava, mangosteen, etc	112.3	130.4	140.6	181.0	248.9	310.0	259.5	298.8	473.4	459.0	15.1
05	Oil of palm	1,419.4	2,172.8	3,746.0	3,259.6	1,660.6	1,509.9	1,569.2	1,118.5	1,264.1	1,383.5	(0.3)
06	Coconut oil	135.8	257.6	335.3	286.5	175.8	289.2	278.0	286.7	295.9	287.5	7.8
07	Cake of coconuts	20.9	21.2	30.5	35.1	40.1	19.4	25.5	20.6	28.4	21.0	0.0
08	Soybeans	1,642.9	2,123.8	3,280.4	3,317.1	3,275.1	3,492.3	3,292.2	3,237.2	3,393.6	3,225.9	7.0
09	Sugar and honey	2,010.5	3,458.0	4,220.8	1,481.5	1,506.5	1,548.7	1,982.1	3,822.7	2,602.6	2,431.6	1.9
10	Coffee, green, husk, roasted	211.6	268.4	464.2	553.2	500.4	505.0	506.0	548.3	625.7	775.7	13.9
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	330.7	458.0	670.8	669.4	766.1	1,108.3	888.1	851.6	1,113.8	1,112.2	12.9
12	Tobacco	1,807.1	2,086.7	2,436.0	2,669.3	2,830.9	2,737.6	2,562.8	2,738.3	2,857.9	3,194.4	5.9
13	Crude Rubber	1,642.1	2,472.9	3,233.7	3,165.2	2,884.9	2,101.7	1,628.8	1,484.1	2,299.6	1,796.5	0.9
14	Fertilizers, manufactured	4,678.4	6,701.6	9,511.3	9,599.2	8,401.4	7,594.0	7,334.5	6,044.4	6,570.7	6,817.7	3.8
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	329.2	81.5	109.5	123.8	119.4	124.6	115.8	119.7	147.9	165.2	(6.7)

Source:
ASEAN Secretariat

Table 10.15. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2017

(in million US\$)

No	Description	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
01	Rice, including husked and broken rice	0.0	341.2	3.3	31.1	0.9	1,030.8	0.9	35.2	5,166.8	2,301.0	8,911.3
02	Banana, fresh	-	6.4	8.9	167.9	9.5	69.6	1,128.6	0.1	19.5	65.2	1,475.7
03	Pineapple Production excluding fresh	-	-	196.8	0.0	5.4	-	274.5	10.1	571.6	30.3	1,088.6
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0.0	1.6	11.2	11.1	22.6	12.0	253.9	3.9	282.9	347.5	946.7
05	Oil of palm	0.0	21.3	18,513.1	-	9,708.5	0.0	14.0	49.9	217.4	46.4	28,570.5
06	Coconut oil	-	-	817.0	-	185.0	0.0	1,538.6	14.0	11.0	25.0	2,590.6
07	Cake of coconuts	-	-	33.4	-	0.9	-	63.6	0.0	3.3	0.9	102.2
08	Soybeans	-	0.1	0.3	0.0	15.8	1.3	0.0	0.3	2.4	0.2	20.4
09	Sugar and honey	0.1	42.3	234.6	78.3	233.5	763.9	45.8	80.8	1,780.0	196.5	3,455.8
10	Coffee, green, husk, roasted	0.0	0.0	1,187.1	95.5	12.1	2.0	0.1	37.7	3.0	2,739.1	4,076.7
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	3.7	0.5	1,689.7	-	234.7	174.1	147.0	21.1	1,164.2	2,447.1	5,882.1
12	Tobacco	-	26.0	1,050.5	58.7	228.1	58.4	285.8	1,088.7	152.2	224.9	3,173.2
13	Crude Rubber	0.0	251.1	5,105.3	152.5	1,094.6	212.9	99.4	113.4	6,033.4	937.0	13,999.5
14	Fertilizers, manufactured	0.1	0.0	276.9	69.5	567.3	0.3	27.7	22.4	192.4	250.8	1,407.5
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.0	0.1	11.4	-	13.8	-	-	14.5	40.5	1.7	81.9

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 10.16. ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2017

(in million US\$)

No	Description	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
01	Rice, including husked and broken rice	21.5	3.8	143.6	44.7	347.3	3.0	357.7	213.5	14.0	40.1	1,189.3
02	Banana, fresh	2.7	-	0.0	0.0	8.8	0.0	0.0	34.9	1.7	9.4	57.6
03	Pineapple Production excluding fresh	0.5	0.1	0.0	0.0	3.8	0.1	0.4	11.3	0.8	0.2	17.2
04	Mangoes pineapple fresh, including guava, mangosteen, etc	6.2	0.9	53.9	11.3	84.4	1.5	0.3	65.2	14.2	235.6	473.4
05	Oil of palm	5.0	2.1	1.8	1.1	400.5	3.6	78.9	192.6	11.6	566.8	1,264.1
06	Coconut oil	0.1	0.0	14.1	0.0	210.9	0.0	1.0	48.0	15.9	5.7	295.9
07	Cake of coconuts	-	0.1	0.1	0.0	0.2	-	8.2	0.1	0.0	19.6	28.4
08	Soybeans	0.5	0.2	1,150.8	0.1	340.6	5.8	91.4	13.1	1,165.7	625.4	3,393.6
09	Sugar and honey	7.5	46.8	314.3	75.5	183.4	857.9	417.4	284.1	185.8	229.9	2,602.6
10	Coffee, green, husk, roasted	0.9	3.1	33.5	0.2	243.6	0.4	58.2	64.4	148.0	73.4	625.7
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	6.2	0.2	73.6	0.0	129.7	1.0	25.3	186.7	210.8	480.4	1,113.8
12	Tobacco	0.0	248.1	671.2	35.6	224.7	59.3	269.6	861.5	225.0	262.8	2,857.9
13	Crude Rubber	0.0	4.7	41.8	9.6	1,777.3	0.4	39.4	103.2	4.5	318.7	2,299.6
14	Fertilizers, manufactured	0.6	162.0	1,494.4	44.5	999.2	301.8	635.2	13.8	1,715.5	1,203.8	6,570.7
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.2	5.2	16.4	0.1	16.7	0.5	-	12.8	55.4	40.7	147.9

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 10.17. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018

(in million US\$)

No	Description	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
01	Rice, including husked and broken rice	1.8	410.7	1.5	31.4	8.5	921.5	0.6	23.7	5,344.0	2,621.4	9,365.1
02	Banana, fresh	-	17.7	14.6	112.2	8.4	131.8	1,382.2	0.0	26.4	104.3	1,797.6
03	Pineapple Production excluding fresh	0.0	-	157.4	-	3.1	-	193.1	6.0	383.2	14.9	757.7
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0.1	3.0	43.0	15.1	26.5	12.1	234.5	4.8	289.6	333.9	962.7
05	Oil of palm	0.0	20.7	16,530.2	-	8,694.8	-	21.6	40.2	222.3	45.0	25,574.9
06	Coconut oil	0.0	-	722.7	-	161.4	0.0	1,011.5	22.4	8.8	30.8	1,957.6
07	Cake of coconuts	-	-	51.3	-	0.6	-	66.3	0.0	1.1	0.9	120.2
08	Soybeans	0.0	-	0.5	1.4	5.8	0.7	0.0	0.2	1.9	0.7	11.1
09	Sugar and honey	0.1	60.3	264.9	48.9	194.8	508.9	51.3	92.0	1,588.8	189.1	2,998.9
10	Coffee, green, husk, roasted	0.0	0.0	815.1	96.7	15.6	2.7	0.1	50.8	4.2	2,891.2	3,876.5
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	2.8	0.5	1,479.5	-	260.4	186.5	110.2	17.4	1,018.6	2,122.9	5,199.0
12	Tobacco	-	32.1	1,126.3	71.2	154.9	55.5	444.6	1,083.9	163.8	242.4	3,374.8
13	Crude Rubber	-	218.1	3,951.5	168.2	936.6	183.8	75.4	73.5	4,405.8	953.7	10,966.6
14	Fertilizers, manufactured	0.0	0.2	395.3	118.8	622.2	0.0	27.8	16.8	231.7	265.8	1,678.6
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	-	0.1	11.9	-	17.7	0.0	-	18.1	38.6	2.4	88.8

Source:
ASEAN Secretariat

Note:
"-" not available at the time of publication

Table 10.18. ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018

(in million US\$)

No	Description	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
01	Rice, including husked and broken rice	33.9	10.9	1,188.7	27.6	406.3	3.5	870.0	223.9	9.6	46.6	2,821.1
02	Banana, fresh	2.8	-	0.0	0.0	9.0	0.0	0.0	32.9	0.2	28.1	73.1
03	Pineapple Production excluding fresh	0.3	0.0	0.1	0.0	2.6	0.1	0.3	7.1	0.4	0.2	11.3
04	Mangoes pineapple fresh, including guava, mangosteen, etc	5.9	0.8	64.9	15.3	85.4	0.3	0.7	73.6	22.6	189.5	459.0
05	Oil of palm	2.9	3.6	1.0	0.9	452.8	9.3	197.6	172.9	1.1	541.5	1,383.5
06	Coconut oil	0.0	0.1	17.5	0.0	198.6	0.1	0.5	57.2	6.6	6.8	287.5
07	Cake of coconuts	-	0.1	0.2	0.3	0.4	-	-	0.3	0.0	19.7	21.0
08	Soybeans	0.5	0.0	1,201.2	0.0	305.7	4.7	90.4	13.9	838.2	771.1	3,225.9
09	Sugar and honey	9.7	36.8	367.1	50.9	231.7	594.3	481.9	276.0	139.2	244.2	2,431.6
10	Coffee, green, husk, roasted	0.5	3.7	164.0	0.3	248.4	1.2	93.8	74.7	102.3	86.8	775.7
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	6.5	0.3	88.0	0.0	140.1	1.2	30.7	193.1	180.9	471.2	1,112.2
12	Tobacco	0.0	269.5	826.3	41.9	266.4	8.5	367.0	906.0	216.7	292.1	3,194.4
13	Crude Rubber	0.0	3.9	57.8	1.7	1,315.8	0.5	33.4	64.2	1.8	317.3	1,796.5
14	Fertilizers, manufactured	1.5	214.1	1,858.2	65.4	1,080.6	352.3	694.1	16.9	1,368.7	1,165.9	6,817.7
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.2	9.1	27.3	0.2	22.2	0.6	-	14.7	47.0	44.1	165.2

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 10.19. ASEAN Major Markets of Agricultural Export Commodities, 2017 - 2018

Major Markets	2017		Major Markets	2018	
	Value (Mn US \$)	Share (%)		Value (Mn US \$)	Share (%)
ASEAN	30,865.7	21.9	ASEAN	32,891.0	23.1
China	21,182.5	15.0	China	22,110.7	15.6
EU-28	17,390.1	12.3	United States	16,148.7	11.4
United States	13,662.7	9.7	EU-28	15,613.0	11.0
Japan	10,013.2	7.1	Japan	10,053.1	7.1
India	8,068.7	5.7	India	6,696.8	4.7
Korea, Republic of	3,451.7	2.4	Korea, Republic of	3,836.7	2.7
Australia	2,984.2	2.1	Australia	3,042.9	2.1
Pakistan	2,774.2	2.0	Pakistan	2,603.3	1.8
Hong Kong	2,352.1	1.7	Hong Kong	2,530.8	1.8
Top Ten	112,745.0	79.9	Top Ten	115,527.0	81.3
Others	28,347.8	20.1	Others	26,631.8	18.7
Total	141,092.8	100.0	Total	142,158.8	100.0

Source:
ASEAN Secretariat

Table 10.20. ASEAN Major Origins of Agricultural Import Commodities, 2017 - 2018

Major Origin	2017		Major Origin	2018	
	Value (Mn US \$)	Share (%)		Value (Mn US \$)	Share (%)
ASEAN	25,287.1	27.3	ASEAN	28,245.8	27.9
United States	10,214.4	11.0	United States	12,261.3	12.1
China	8,997.9	9.7	China	9,829.1	9.7
EU-28	8,248.6	8.9	EU-28	9,528.9	9.4
Australia	7,005.1	7.6	Australia	6,715.3	6.6
Brazil	5,682.3	6.1	Argentina	5,771.8	5.7
Argentina	5,528.3	6.0	Brazil	5,088.8	5.0
India	3,658.9	4.0	India	4,142.4	4.1
New Zealand	2,857.3	3.1	New Zealand	2,917.2	2.9
Canada	1,622.8	1.8	Canada	1,643.5	1.6
Top Ten	79,102.8	85.6	Top Ten	86,144.4	85.1
Others	13,360.7	14.4	Others	15,044.4	14.9
Total	92,463.5	100.0	Total	101,188.8	100.0

Source:
ASEAN Secretariat

Chart 10.6. Shares of ASEAN Major Markets of Agricultural Export Commodities, 2018

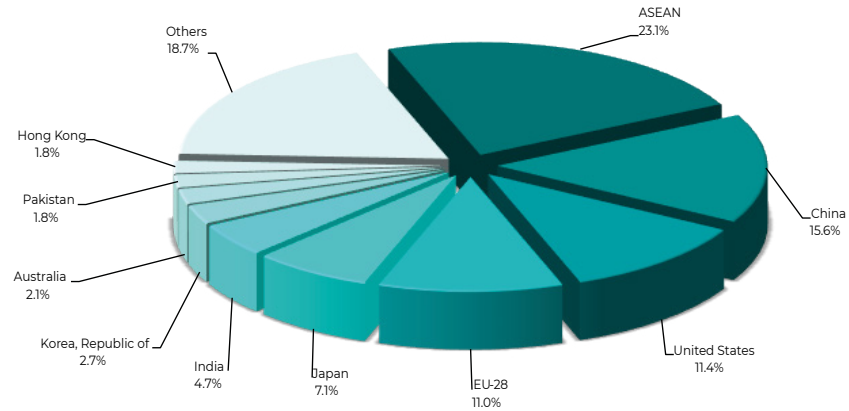


Chart 10.7. Shares of ASEAN Major Markets of Agricultural Export Commodities, 2017

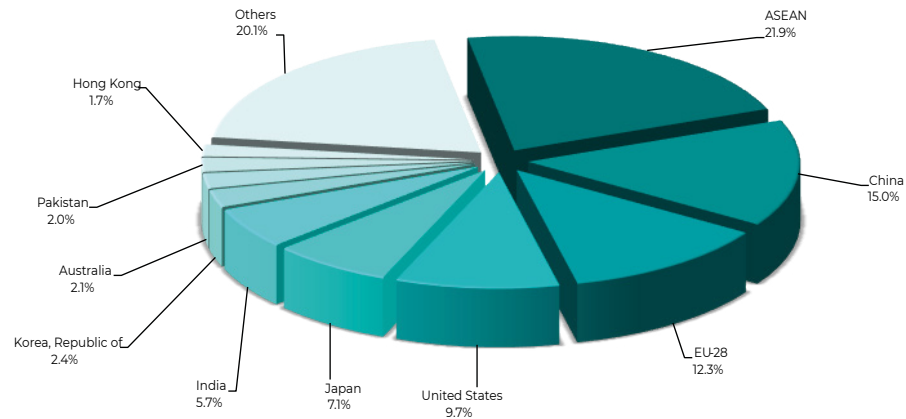


Chart 10.8. Shares of ASEAN Major Origin of Agricultural Import Commodities, 2018

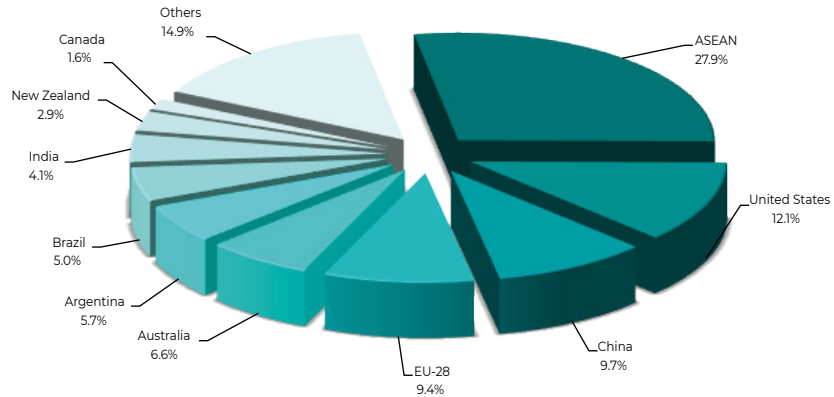


Chart 10.9. Shares of ASEAN Major Origin of Agricultural Import Commodities, 2017

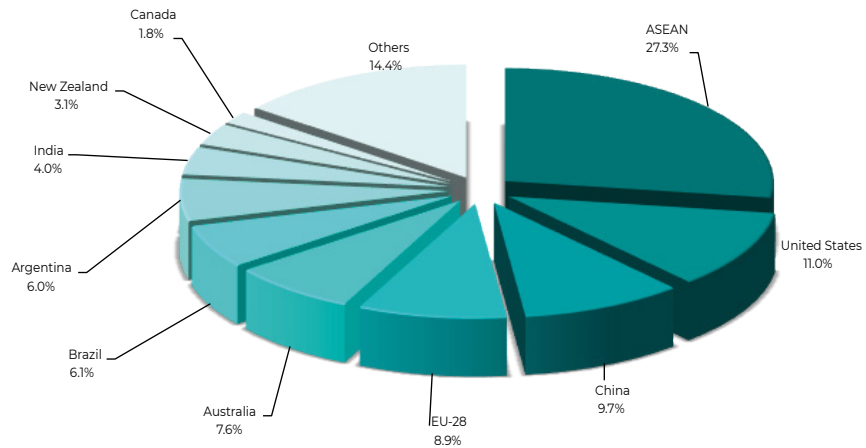


Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2014-2018

Selected Products/ 2018 Top 3 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Rice, husked and broken										
ASEAN	1,947.5	21.5	1,995.0	24.4	1,252.1	17.7	1,055.5	11.8	2,260.3	24.1
China	1,778.4	19.7	1,934.5	23.7	1,671.1	23.6	2,293.7	25.7	1,835.7	19.6
Benin	485.2	5.4	299.5	3.7	521.6	7.4	690.4	7.7	624.3	6.7
Top 3	4,211.1	46.5	4,229.0	51.8	3,444.8	48.6	4,039.6	45.3	4,720.3	50.4
Banana, fresh										
China	326.4	26.7	204.0	36.1	445.1	46.1	584.6	39.6	850.3	47.3
Japan	401.3	32.8	180.6	32.0	237.8	24.6	396.6	26.9	491.6	27.3
Korea, Republic of	122.6	10.0	53.6	9.5	117.2	12.1	181.9	12.3	197.4	11.0
Top 3	850.3	69.5	438.1	77.6	800.0	82.9	1,163.1	78.8	1,539.3	85.6
Pineapple products										
United States of America	307.5	34.6	413.1	36.2	432.4	38.1	340.1	31.2	258.2	34.1
EU-28	240.0	27.0	284.9	25.0	291.8	25.7	324.1	29.8	217.2	28.7
Japan	36.0	4.1	44.9	3.9	46.1	4.1	40.8	3.7	31.9	4.2
Top 3	583.5	65.7	742.9	65.2	770.3	67.9	705.0	64.8	507.3	66.9
Palm Oil										
India	6,023.6	20.2	5,279.9	21.1	5,176.2	21.9	6,369.2	22.3	4,943.6	19.3
EU-28	4,498.2	15.1	3,467.3	13.9	3,148.1	13.3	3,801.9	13.3	3,348.8	13.1
ASEAN	3,059.7	10.2	2,813.9	11.2	2,682.1	11.4	3,183.2	11.1	2,903.4	11.4
Top 3	13,581.6	45.5	11,561.2	46.2	11,006.4	46.6	13,354.3	46.7	11,195.8	43.8

Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2014-2018 (Continued)

Selected Products/ 2018 Top 3 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Coconut Oil										
EU-28	674.2	27.9	686.6	31.7	696.6	32.0	952.7	36.8	637.8	32.6
United States of America	812.1	33.6	727.2	33.6	695.5	31.9	776.5	30.0	586.5	30.0
ASEAN	315.9	13.1	202.2	9.3	209.7	9.6	210.0	8.1	221.2	11.3
Top 3	1,802.2	74.7	1,616.0	74.6	1,601.8	73.5	1,939.2	74.9	1,445.5	73.8
Shrimps, prawns, lobster, oth crust										
United States of America	2,260.1	37.9	1,442.5	33.2	1,719.1	35.4	1,828.6	31.1	1,427.0	27.4
Japan	1,086.9	18.2	866.9	20.0	888.1	18.3	1,024.2	17.4	919.6	17.7
China	493.4	8.3	452.5	10.4	498.7	10.3	842.6	14.3	821.5	15.8
Top 3	3,840.5	64.4	2,761.9	63.6	3,105.8	64.0	3,695.4	62.8	3,168.0	60.9
Tobacco										
ASEAN	2,077.1	67.6	1,973.9	61.7	2,181.1	68.5	2,276.3	71.7	2,334.1	69.2
EU-28	175.5	5.7	167.6	5.2	157.5	4.9	179.6	5.7	181.5	5.4
Hong Kong	73.4	2.4	78.7	2.5	84.6	2.7	88.3	2.8	120.8	3.6
Top 3	2,325.9	75.7	2,220.2	69.4	2,423.3	76.0	2,544.2	80.2	2,636.3	78.1
Crude Rubber										
China	4,817.5	33.9	3,803.3	33.7	3,271.8	32.4	4,664.6	33.3	3,201.8	29.2
EU-28	1,742.3	12.3	1,363.8	12.1	1,276.1	12.7	1,817.0	13.0	1,459.6	13.3
ASEAN	1,489.5	10.5	1,254.3	11.1	1,136.5	11.3	1,653.0	11.8	1,231.3	11.2
Top 3	8,049.4	56.7	6,421.4	56.9	5,684.5	56.3	8,134.6	58.1	5,892.7	53.7

Source:
ASEAN Secretariat

Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2014-2018

Selected Products/ 2018 Top 3 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Rice, husked and broken										
ASEAN	1,398.8	79.1	1,314.8	77.0	1,211.7	80.9	906.0	76.2	2,221.6	78.8
India	177.0	10.0	185.2	10.8	119.0	7.9	130.9	11.0	311.6	11.0
Pakistan	124.0	7.0	145.0	8.5	96.1	6.4	85.6	7.2	205.6	7.3
Top 3	1,699.8	96.1	1,645.1	96.3	1,426.8	95.3	1,122.4	94.4	2,738.8	97.1
Banana, fresh										
ASEAN	44.6	97.1	44.4	92.1	42.9	85.1	48.3	83.7	66.6	91.1
Ecuador	0.4	0.8	1.8	3.7	3.7	7.3	3.9	6.8	2.8	3.8
India	0.7	1.5	0.8	1.7	1.4	2.7	1.4	2.5	2.1	2.9
Top 3	45.6	99.4	47.0	97.5	48.0	95.2	53.6	93.0	71.5	97.8
Pineapple products										
ASEAN	12.6	98.5	14.3	98.5	17.2	98.0	16.7	97.5	10.9	96.4
China	0.1	0.8	0.1	0.6	0.2	0.9	0.2	1.2	0.2	1.7
Korea, Republic of	0.0	0.0	-	-	0.0	0.0	0.0	0.2	0.1	1.1
Top 3	12.7	99.3	14.4	99.1	17.4	99.0	17.0	98.9	11.2	99.1
Palm Oil										
ASEAN	1,491.8	98.8	1,536.1	97.9	1,100.4	98.4	1,240.1	98.1	1,366.9	98.8
Papua New Guinea	15.9	1.1	18.0	1.1	8.3	0.7	16.5	1.3	16.2	1.2
United States of America	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Top 3	1,507.7	99.9	1,554.1	99.0	1,108.8	99.1	1,256.7	99.4	1,383.2	100.0

Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2014-2018 (Continued)

Selected Products/ 2018 Top 3 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Coconut Oil										
ASEAN	258.3	89.3	250.2	90.0	227.7	79.4	230.8	78.0	239.9	83.5
Papua New Guinea	6.6	2.3	7.0	2.5	14.6	5.1	34.8	11.7	25.4	8.8
India	0.7	0.3	0.8	0.3	18.0	6.3	5.3	1.8	3.5	1.2
Top 3	265.7	91.9	258.1	92.8	260.3	90.8	270.8	91.5	268.8	93.5
Shrimps, prawns, lobster, oth crust										
India	424.6	38.3	390.4	44.0	321.4	37.7	392.6	35.3	353.3	31.8
ASEAN	194.4	17.5	155.1	17.5	168.8	19.8	236.5	21.2	253.2	22.8
Argentina	36.5	3.3	29.1	3.3	59.3	7.0	87.8	7.9	89.8	8.1
Top 3	655.5	59.1	574.5	64.7	549.4	64.5	716.9	64.4	696.4	62.6
Tobacco										
ASEAN	1,056.8	38.6	985.4	38.5	998.8	36.5	1,013.0	35.4	1,102.1	34.5
China	560.5	20.5	564.2	22.0	668.1	24.4	672.9	23.5	631.6	19.8
Brazil	251.6	9.2	219.5	8.6	219.6	8.0	275.0	9.6	284.4	8.9
Top 3	1,868.9	68.3	1,769.0	69.0	1,886.5	68.9	1,961.0	68.6	2,018.2	63.2
Crude Rubber										
ASEAN	1,865.9	88.8	1,431.3	87.9	1,261.3	85.0	1,759.9	76.5	1,405.3	78.2
Côte d'Ivoire	144.2	6.9	128.7	7.9	159.1	10.7	393.5	17.1	290.1	16.1
Ghana	5.2	0.2	10.9	0.7	9.1	0.6	26.8	1.2	20.4	1.1
Top 3	2,015.4	95.9	1,571.0	96.4	1,429.5	96.3	2,180.3	94.8	1,715.8	95.5

Source:
ASEAN Secretariat

Table 10.23. ASEAN Major Markets of Exports of Selected Agricultural Inputs, 2014 - 2018

Selected Products/ 2018 Top 5 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Fertiliser										
ASEAN	952.1	58.1	849.5	68.8	748.8	67.5	968.2	68.8	1,079.1	64.3
China	50.0	3.1	3.7	0.3	13.1	1.2	63.1	4.5	111.1	6.6
Australia	170.6	10.4	108.4	8.8	105.7	9.5	105.3	7.5	103.6	6.2
India	4.4	0.3	9.3	0.8	16.9	1.5	46.4	3.3	61.2	3.6
New Zealand	38.2	2.3	38.0	3.1	17.0	1.5	49.6	3.5	53.8	3.2
Top 5	1,215.3	74.2	1,008.9	81.7	901.5	81.3	1,232.7	87.6	1,408.9	83.9
Agriculture Pesticides										
ASEAN	37.3	54.3	50.4	63.9	44.2	64.1	54.0	65.9	57.0	64.2
Japan	6.8	9.9	9.8	12.4	9.9	14.4	12.6	15.3	11.8	13.2
China	8.6	12.5	2.6	3.3	1.8	2.6	1.4	1.8	4.5	5.1
Taiwan, Province of China	3.7	5.3	3.4	4.3	3.6	5.3	3.6	4.5	3.9	4.4
India	0.9	1.3	1.1	1.4	1.0	1.5	1.5	1.9	3.6	4.0
Top 5	57.3	83.5	67.2	85.2	60.5	87.8	73.1	89.3	80.8	90.9

Source:
ASEAN Secretariat

Table 10.24. ASEAN Major Origins of Imports of Selected Agricultural Inputs, 2014-2018

Selected Products/ 2018 Top 5 Countries	2014		2015		2016		2017		2018	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
Fertiliser										
China	2,171.8	28.6	2,322.1	31.7	1,918.5	31.7	1,665.9	25.4	1,521.7	22.3
ASEAN	823.7	10.8	813.9	11.1	725.6	12.0	981.8	14.9	1,120.9	16.4
Canada	880.6	11.6	811.6	11.1	648.5	10.7	657.2	10.0	829.5	12.2
Russian Federation	821.6	10.8	788.2	10.7	648.4	10.7	758.8	11.5	791.3	11.6
Belarus	420.3	5.5	452.2	6.2	308.6	5.1	344.2	5.2	432.1	6.3
Top 5	5,118.0	67.4	5,188.1	70.7	4,249.6	70.3	4,407.8	67.1	4,695.4	68.9
Agriculture Pesticides										
China	45.4	36.4	41.9	36.2	40.3	33.6	55.7	37.6	68.5	41.5
ASEAN	21.8	17.5	21.1	18.2	31.4	26.2	38.5	26.0	36.5	22.1
EU-28	21.5	17.3	21.3	18.4	20.2	16.8	21.2	14.3	25.7	15.5
United Kingdom	5.3	4.2	6.9	5.9	7.6	6.3	7.7	5.2	10.0	6.0
Switzerland	4.7	3.8	6.2	5.4	4.8	4.0	8.7	5.9	9.6	5.8
Top 5	98.6	79.2	97.4	84.1	104.1	87.0	131.7	89.0	150.2	90.9

Source:
ASEAN Secretariat

Table 10.25. ASEAN Exports of Fishery Products by 4 Digit HS Code, 2009-2018

(in million US\$)

HS Code	0301	0302	0303	0304	0305	0306	0307	0308	Total
Description	(Fish, live)	(Fish, fresh or chilled (excluding fillets or other fish meat))	(Fish, frozen (excluding fillets or other fish meat))	(Fish fillets & other fish meat, fresh, chilled or frozen (whether or not minced))	(Fish, dried, salted, in brine, smoked, fish meal for human consumption)	(Crustaceans, live, fresh, chilled, frozen, dried, salted, in brine, steamed, boiled)	(Molluscs & other aquatic invertebrates, live, fresh, chilled, frozen, dried, salted, in brine)	Aquatic invertebrates other than crustaceans and molluscs, live, fresh, etc; smoked aquatic invertebrates other than crustaceans & molluscs	
2009	245.5	497.8	673.6	1,426.5	212.4	3,499.8	869.5	-	7,425.0
2010	297.3	579.0	933.6	2,569.9	289.4	4,881.3	1,087.2	-	10,637.5
2011	291.0	545.1	1,081.8	3,164.3	337.2	5,379.2	1,390.2	-	12,188.8
2012	436.9	745.4	1,156.4	3,385.9	445.7	4,967.3	1,264.0	79.0	12,480.6
2013	482.3	621.3	1,023.0	3,051.3	421.7	5,264.0	1,174.1	80.2	12,117.9
2014	354.9	498.3	1,047.7	3,234.0	349.8	6,097.2	1,226.0	77.7	12,885.5
2015	313.3	510.8	929.6	3,138.0	335.8	4,493.3	1,122.9	74.4	10,918.0
2016	331.1	485.9	1,122.1	3,183.2	409.2	5,053.9	1,272.2	53.4	11,911.1
2017	326.5	435.9	1,532.2	3,247.3	475.0	5,882.1	1,558.5	70.4	13,527.9
2018	289.5	506.0	1,378.8	3,925.5	478.2	5,199.0	1,712.0	75.2	13,564.1

Source:
ASEAN Secretariat

Note:
. not available at the time of publication

Table 10.26. ASEAN Exports of Fishery Products, by ASEAN Member States, 2009-2018

(in million US\$)

Country	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2009	-	4.0	1,709.5	-	541.2	259.8	268.2	242.5	2,473.6	1,926.1	7,425.0
2010	1.0	2.8	2,015.6	-	701.4	313.2	338.2	288.3	2,867.1	4,110.0	10,637.5
2011	1.5	3.1	2,439.5	-	769.2	316.6	367.7	319.7	3,053.8	4,917.6	12,188.7
2012	2.4	1.7	2,753.1	0.2	680.3	672.0	420.1	291.4	2,844.1	4,815.3	12,480.6
2013	3.8	1.2	2,856.4	0.1	622.9	699.4	558.2	255.7	2,129.6	4,990.7	12,117.9
2014	4.0	0.7	3,111.9	0.4	675.8	423.2	649.7	231.5	2,134.2	5,654.1	12,885.5
2015	3.1	0.5	2,649.8	0.1	504.8	446.5	504.4	264.7	1,766.8	4,777.4	10,918.0
2016	3.4	0.7	2,923.7	0.1	515.2	537.5	505.8	264.4	2,038.9	5,121.5	11,911.1
2017	5.5	0.6	3,271.5	0.0	509.5	662.2	555.3	294.0	2,133.4	6,096.0	13,527.9
2018	7.9	0.8	3,219.0	0.0	534.9	734.1	476.9	282.4	1,900.4	6,407.6	13,564.1

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 10.27. ASEAN Imports of Fishery Products by 4 Digit HS Code, 2009-2018

(in million US\$)

HS Code	0301	0302	0303	0304	0305	0306	0307	0308	Total
Description	(Fish, live)	(Fish, fresh or chilled (excluding fillets or other fish meat))	(Fish, frozen (excluding fillets or other fish meat))	(Fish fillets & other fish meat, fresh, chilled or frozen (whether or not minced))	(Fish, dried, salted, in brine, smoked, fish meal for human consumption)	(Crustaceans, live, fresh, chilled, frozen, dried, salted, in brine, steamed, boiled)	(Molluscs & other aquatic invertebrates, live, fresh, chilled, frozen, dried, salted, in brine)	Aquatic invertebrates other than crustaceans and molluscs, live, fresh, etc; smoked aquatic invertebrates other than crustaceans & molluscs	
2009	69.8	311.6	2,151.6	209.7	82.7	368.4	274.3	-	3,467.9
2010	79.0	372.8	2,454.8	250.3	110.3	458.0	335.5	-	4,060.7
2011	79.0	407.6	3,130.9	335.1	110.0	670.8	458.6	-	5,192.0
2012	83.2	415.9	3,416.8	373.4	127.9	768.6	430.9	33.8	5,650.6
2013	67.9	452.7	3,278.4	389.7	117.8	857.9	559.5	35.7	5,759.6
2014	64.8	448.6	2,790.1	473.1	107.1	1,202.7	591.9	41.2	5,719.6
2015	58.6	419.2	2,653.2	516.3	113.9	975.0	607.9	43.2	5,387.4
2016	62.3	530.3	3,022.9	516.1	133.3	940.9	729.4	35.6	5,970.8
2017	97.6	598.0	3,539.5	569.4	127.4	1,113.8	814.5	48.0	6,908.2
2018	87.0	624.3	3,394.0	660.6	136.9	1,112.2	859.5	47.4	6,921.7

Source:
ASEAN Secretariat

Note:
. not available at the time of publication

Table 10.28. ASEAN Imports of Fishery Products by ASEAN Member States, 2009-2018

(in million US\$)

Country	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2009	-	3.0	148.9	1.2	581.4	0.3	165.8	566.6	1,856.8	143.8	3,467.8
2010	30.3	1.4	216.3	1.2	683.5	0.3	134.3	657.7	2,026.0	309.5	4,060.6
2011	37.5	1.4	251.1	1.8	860.9	0.4	169.0	788.7	2,549.0	532.1	5,191.9
2012	31.1	0.7	207.9	17.7	906.7	0.8	228.6	765.8	2,877.6	613.6	5,650.6
2013	41.2	1.0	216.5	1.5	888.0	11.5	241.8	749.2	2,952.9	656.0	5,759.6
2014	36.1	2.0	210.4	1.8	959.9	2.9	262.4	760.8	2,530.3	952.9	5,719.6
2015	32.1	2.6	195.8	1.4	773.6	4.0	367.0	743.6	2,313.5	953.9	5,387.4
2016	31.9	4.1	235.0	1.2	774.6	2.1	395.9	790.5	2,728.8	1,006.6	5,970.8
2017	35.5	3.6	285.6	1.1	812.5	4.6	534.1	784.2	3,187.6	1,259.5	6,908.2
2018	40.4	2.5	315.4	1.0	886.5	7.1	593.4	870.9	2,682.4	1,522.1	6,921.7

Source:
ASEAN Secretariat

Note:
"-": not available at the time of publication

CHAPTER 11

Manufacturing



Table 11.1. Number of Manufacturing Establishments and Persons Engaged in ASEAN by Establishment Size¹⁾, 2009-2018

Country	Year	Number of Establishments			Number of Persons Engaged (in persons)		
		10 - 19	20 - 99	100 and over	10 - 19	20 - 99	100 and over
Brunei Darussalam	2015	238	86	550	2,300	3,100	2,400
Cambodia	2009	8,172	4,259	692	105,073	148,578	372,765
	2014	9,412	4,204	139,756	126,627	147,978	530,208
Indonesia	2009	-	17,704	6,764	-	670,735	3,674,439
	2010	-	16,535	6,810	-	632,319	3,868,826
	2011	-	16,295	7,075	-	617,531	4,011,838
	2012	-	16,591	7,001	-	625,920	4,302,919
	2013	-	16,599	7,099	-	690,130	4,314,782
	2014	-	17,055	6,689	-	707,221	4,473,310
	2015	-	18,495	7,827	-	753,360	4,493,975
	2016	-	24,748	10,415	-	979,400	5,411,500
Malaysia	2009	4,301	6,743	3,247	58,000	308,000	1,264,800
	2010	4,756	6,812	3,390	64,300	307,500	1,352,500
	2012	-	-	-	62,000	309,000	1,543,000
	2014	-	-	-	52,000	357,100	1,606,000
	2015	6,787	9,318	3,822	94,300	411,900	1,494,000
Myanmar	2009	30,557	6,700	3,826	158	4,844	51,293
	2010	31,923	7,081	4,317	171	4,758	46,556
	2011	31,198	7,360	4,860	213	4,887	44,532
	2012	30,725	7,635	5,141	329	4,287	41,913
	2013	30,187	7,988	5,406	279	3,714	41,037
	2014	30,287	8,576	5,778	252	3,143	34,438
	2015	30,795	9,239	6,119	329	4,256	32,976
	2016	31,590	9,948	6,793	338	4,122	36,048
	2017	32,044	10,777	7,556	335	4,233	34,763
Philippines ²⁾	2009		17,094			-	
	2010		16,269			-	
	2011		-			-	
	2012		25,064			-	
	2013		25,149			-	
	2014		25,197			-	
	2015		24,496			-	

Table 11.1. Number of Manufacturing Establishments and Persons Engaged in ASEAN by Establishment Size¹⁾, 2009-2018 (Continued)

Country	Year	Number of Establishments			Number of Persons Engaged (in persons)		
		10 - 19	20 - 99	100 and over	10 - 19	20 - 99	100 and over
Singapore	2009	1,513	2,045	818	20,136	92,345	286,289
	2010	1,633	1,957	806	22,226	88,006	285,899
	2011	1,604	1,894	800	21,460	85,207	292,725
	2012	1,838	1,796	809	23,800	83,400	297,100
	2013	1,843	1,791	809	24,600	82,800	295,300
	2014	1,985	1,728	782	26,100	80,600	287,500
	2015	1,822	1,715	749	24,400	81,250	277,290
	2016	2,028	1,692	704	26,860	79,420	258,890
	2017	1,883	1,724	686	25,520	78,470	256,230
Thailand ³⁾	2009	113,404	62,475	12,639	7,107,717	6,417,072	4,504,373
	2010	14,841	18,368	5,903		3,563,762	
	2011	15,609	19,294	6,068		3,638,016	
	2012	16,392	20,291	6,277		3,691,585	
	2013	17,510	21,421	6,513		3,783,647	
	2014	18,531	22,581	6,735		3,791,050	
	2015	19,554	23,710	6,955		3,650,782	
	2016	19,329	25,769	7,040		-	
	2017	20,101	24,305	6,818		-	
	2018	21,103	24,472	6,988		-	
Viet Nam	2009	8,734	10,678	6,470	113,688	464,725	3,411,997
	2010	8,398	12,142	7,097	111,315	524,455	3,707,754
	2011	9,983	13,756	7,489	132,962	593,303	4,037,063
	2012	10,058	13,779	7,434	133,674	583,713	4,152,467
	2013	10,069	13,946	7,623	133,563	598,651	4,479,688
	2014	10,680	14,841	7,977	141,922	628,628	4,924,210
	2015	11,342	15,060	8,456	150,082	652,328	5,293,036
	2016	12,414	16,395	9,094	164,505	706,864	5,729,042
	2018	20,488	18,680	9,234	261,340	776,658	6,012,029

Source:
ASEAN Secretariat

Notes:

- 1) Establishment size is defined based on the numbers of employment/persons engaged, and classified into: (1) 10 and 19;
 - (2) 20 and 99; (3) 100 and over
 - 2) Philippines data only cover 20 and over size of persons engaged
 - 3) Thailand data for number of persons engaged only cover 20 and over size of persons engaged
- “-” not available at the time of publication

Table 11.2. GDP, Employment, Exports and Imports Shares of Manufacturing Sector in ASEAN, 2016-2018

Country	Industry share to GDP ¹⁾			Employment Share ²⁾			Exports Share			Imports Share		
	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
Brunei Darussalam	63.1	63.2	62.9	-	-	4.0	11.8	10.1	8.7	70.4	73.7	79.5
Cambodia	33.1	33.0	32.1	-	-	-	95.2	94.7	94.4	83.1	81.4	80.2
Indonesia	40.5	40.2	39.8	13.1	14.1	14.7	56.9	54.0	54.4	72.7	71.3	71.5
Lao PDR	32.2	35.2	35.7	-	-	-	45.5	34.9	43.8	69.0	72.5	70.8
Malaysia	38.4	38.0	37.5	16.9	17.4	16.9	73.8	73.4	75.0	79.5	77.8	76.6
Myanmar	30.9	31.7	32.1	-	11.5	11.5	33.8	40.3	50.2	67.8	65.4	65.2
Philippines	33.9	34.0	34.1	11.3	11.8	12.4	87.6	87.2	87.6	76.3	74.6	73.5
Singapore	24.2	24.7	25.1	10.5	10.3	10.4	81.1	78.8	77.1	76.4	72.3	71.5
Thailand	36.1	35.3	34.7	16.2	18.2	18.4	82.5	82.1	81.4	80.2	79.3	76.6
Viet Nam	34.6	35.0	35.6	16.6	17.3	16.6	83.3	84.4	85.1	85.0	85.2	83.5
Total in percent							75.0	76.0	75.8	78.4	76.7	75.2
Total in Million US \$							886,176.7	1,006,358.2	1,089,385.8	851,248.3	955,543.6	1,044,933.0

Source:
ASEAN Secretariat

Notes:

1) Based on GDP at constant price for Industry Sector (Mining and Quarrying, Manufacturing, Electricity-Gas and Water Supply, Construction), refer to Table 4.6

2) Refer to Table 3.9

"-" not available at the time of publication

Table 11.3. Number of Establishments in ASEAN by Division of Industry¹⁾

Division of Industry	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines ³⁾	Singapore	Thailand	Viet Nam
	2015	2011	2016	2015	2018	2015	2017	2018	2018
10 Manufacture of food products ²⁾	61	27,624	7,708	8,063	28,556	10,118	942	9,423	197,066
11 Manufacture of beverages	6	4,433	696	432	1,165	2,454	-	857	82,659
12 Manufacture of tobacco products		33	777	26	126	14	-	25	28
13 Manufacture of textiles	23	8,919	2,481	1,224	2,013	369	109	2,620	38,804
14 Manufacture of wearing apparel	299	15,928	3,595	7,512	1,217	1,680	400	2,194	113,435
15 Manufacture of leather and related products		277	1,141	375	239	290	22	1,013	8,917
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	17	1,955	1,678	1,794	2,431	509	172	6,068	136,971
17 Manufacture of paper and paper products		35	805	936	343	355	94	1,346	12,488
18 Printing and reproduction of recorded media	28	283	1,266	3,213	555	1,562	852	2,621	11,070
19 Manufacture of coke and refined petroleum products	3	2	134	124	111	15	18	-	460
20 Manufacture of chemicals and chemical products	5	144	1,500	1,473	320	591	279	3,557	6,828
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	2	10	402	371	76	285	54	424	711
22 Manufacture of rubber and plastics products	4	46	2,517	2,628	1,318	844	280	8,921	9,349
23 Manufacture of other non-metallic mineral products	26	2,823	2,046	2,072	1,664	720	137	7,701	26,638
24 Manufacture of basic metals	6	37	707	1,557	680	357	38	1,106	3,105
25 Manufacture of fabricated metal products, except machinery and equipment	27	4,713	1,599	5,376	2,888	1,175	1,221	12,940	124,370
26 Manufacture of computer, electronics and optical products		4	406	985	-	291	335	1,009	2,022
27 Manufacture of electrical equipment	4	8	536	999	117	207	242	2,873	1,852
28 Manufacture of machinery and equipment n.e.c.		20	637	1,940	258	242	1,733	5,329	2,364
29 Manufacture of motor vehicles, trailers and semi-trailers		3	640	742	65	228	89	2,771	745
30 Manufacture of other transport equipment	2	81	544	380	275	132	931	525	1,929
31 Manufacture of furniture	12	1,195	1,797	2,521	585	980	626	3,798	105,597
32 Other manufacturing	1	1,827	1,034	1,490	585	395	522	14,026	10,944
33 Repair and installation of machinery and equipment	24	926	517	2,868	7,130	628	na	-	14,213
All Industries	550	71,326	35,163	49,101	52,717	24,441	9,096	91,147	912,565

Source:
ASEAN Secretariat

Notes:

- 1) The latest available year is indicated in each country column
 - 2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
 - 3) Covers establishments with total employment of 20 and over
- * - not available at the time of publication

Table 11.4. Percentage Distribution of Establishments in ASEAN by Division of Industry¹⁾

(in percent)

Division of Industry	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines ³⁾	Singapore	Thailand	Viet Nam
	2010	2011	2018	2017	2017	2017	2018	2018	2018
10 Manufacture of food products ²⁾	11.1	38.7	21.9	16.4	54.2	41.4	10.4	0.0	21.6
11 Manufacture of beverages	1.1	6.2	2.0	0.9	2.2	10.0	0.0	0.9	9.1
12 Manufacture of tobacco products	-	0.0	2.2	0.1	0.2	0.1	0.0	0.0	0.0
13 Manufacture of textiles	4.2	12.5	7.1	2.5	3.8	1.5	1.2	2.9	4.3
14 Manufacture of wearing apparel	54.4	22.3	10.2	15.3	2.3	6.9	4.4	2.4	12.4
15 Manufacture of leather and related products	-	0.4	3.2	0.8	0.5	1.2	0.2	1.1	1.0
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3.1	2.7	4.8	3.7	4.6	2.1	1.9	6.7	15.0
17 Manufacture of paper and paper products	-	0.0	2.3	1.9	0.7	1.5	1.0	1.5	1.4
18 Printing and reproduction of recorded media	5.1	0.4	3.6	6.5	1.1	6.4	9.4	2.9	1.2
19 Manufacture of coke and refined petroleum products	0.5	0.0	0.4	0.3	0.2	0.1	0.2	0.0	0.1
20 Manufacture of chemicals and chemical products	0.9	0.2	4.3	3.0	0.6	2.4	3.1	3.9	0.7
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.4	0.0	1.1	0.8	0.1	1.2	0.6	0.5	0.1
22 Manufacture of rubber and plastics products	0.7	0.1	7.2	5.4	2.5	3.5	3.1	9.8	1.0
23 Manufacture of other non-metallic mineral products	4.7	4.0	5.8	4.2	3.2	2.9	1.5	8.4	2.9
24 Manufacture of basic metals	1.1	0.1	2.0	3.2	1.3	1.5	0.4	1.2	0.3
25 Manufacture of fabricated metal products, except machinery and equipment	4.9	6.6	4.5	10.9	5.5	4.8	13.4	14.2	13.6
26 Manufacture of computer, electronics and optical products	-	0.0	1.2	2.0	0.0	1.2	3.7	1.1	0.2
27 Manufacture of electrical equipment	0.7	0.0	1.5	2.0	0.2	0.8	2.7	3.2	0.2
28 Manufacture of machinery and equipment n.e.c.	-	0.0	1.8	4.0	0.5	1.0	19.1	5.8	0.3
29 Manufacture of motor vehicles, trailers and semi-trailers	-	0.0	1.8	1.5	0.1	0.9	1.0	3.0	0.1
30 Manufacture of other transport equipment	0.4	0.1	1.5	0.8	0.5	0.5	10.2	0.6	0.2
31 Manufacture of furniture	2.2	1.7	5.1	5.1	1.1	4.0	6.9	4.2	11.6
32 Other manufacturing	0.2	2.6	2.9	3.0	1.1	1.6	5.7	15.4	1.2
33 Repair and installation of machinery and equipment	4.4	1.3	1.5	5.8	13.5	2.6	0.0	0.0	1.6
All Industries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source:
ASEAN Secretariat

Notes:

- 1) The latest available year is indicated in each country column
- 2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
- 3) Covers establishments with total employment of 20 and over

Table 11.5. Number of Persons Engaged in Establishments in ASEAN by Division of Industry¹⁾

(In thousands)

Division of Industry	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines ³⁾	Singapore	Thailand	Viet Nam
	2015	2011	2018	2017	2018	2015	2018	2015	2018
10 Manufacture of food products ²⁾	1.1	68.3	1,119.6	273.9	3.1	281.8	31.2	456.2	920.6
11 Manufacture of beverages	0.4	12.9	97.4	16.8	0.5	28.4	0.0	32.4	164.0
12 Manufacture of tobacco products	0.0	2.3	299.5	1.1	0.0	10.3	0.0	0.0	11.2
13 Manufacture of textiles	0.3	39.0	540.7	32.4	8.8	28.6	0.8	247.0	350.9
14 Manufacture of wearing apparel	2.3	294.4	917.5	63.5	1.8	110.5	2.2	294.6	1,668.4
15 Manufacture of leather and related products	0.0	40.9	399.8	11.7	0.0	29.7	0.5	98.2	1,285.0
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.4	7.4	306.6	97.9	4.2	21.9	3.0	142.3	391.0
17 Manufacture of paper and paper products	0.0	1.3	161.9	51.7	3.2	24.5	3.2	0.0	141.1
18 Printing and reproduction of recorded media	0.4	3.8	88.2	55.8	1.3	28.8	13.2	0.0	88.4
19 Manufacture of coke and refined petroleum products	0.9	0.1	19.9	13.8	0.0	3.1	4.5	13.3	8.0
20 Manufacture of chemicals and chemical products	0.3	9.2	234.4	96.2	0.6	33.1	18.5	117.0	142.7
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.1	0.3	90.6	22.7	2.5	14.6	7.7	0.0	54.8
22 Manufacture of rubber and plastics products	0.1	1.2	459.0	259.0	1.4	65.0	10.1	406.0	336.2
23 Manufacture of other non-metallic mineral products	0.8	18.3	207.2	95.4	3.3	35.4	4.7	165.6	382.2
24 Manufacture of basic metals	0.3	0.5	144.7	92.6	8.3	20.8	2.1	58.3	108.2
25 Manufacture of fabricated metal products, except machinery and equipment	0.5	15.4	169.1	164.7	0.2	58.7	37.2	301.9	570.9
26 Manufacture of computer, electronics and optical products	0.0	0.0	151.1	354.5	0.0	259.1	82.2	0.0	736.8
27 Manufacture of electrical equipment	0.1	0.2	147.4	98.0	0.4	35.8	8.3	361.9	188.2
28 Manufacture of machinery and equipment n.e.c.	0.0	0.1	77.2	103.2	0.8	20.0	58.7	188.8	82.4
29 Manufacture of motor vehicles, trailers and semi-trailers	0.0	0.0	203.5	81.4	0.0	82.6	3.1	0.0	136.0
30 Manufacture of other transport equipment	0.1	1.8	138.1	34.6	2.3	32.2	63.1	302.0	120.4
31 Manufacture of furniture	0.2	3.7	182.6	95.7	0.6	26.8	8.5	108.5	579.9
32 Other manufacturing	0.0	6.8	192.0	42.1	1.2	26.8	18.6	356.8	217.9
33 Repair and installation of machinery and equipment	0.3	2.4	42.8	55.9	0.0	11.8	-	0.0	71.9
All Industries	8.4	530	6,391	2,215	45	1,290	381	3,651	8,757

Source:
ASEAN Secretariat

Notes:

- 1) The latest available year is indicated in each country column
- 2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
- 3) Covers establishments with total employment of 20 and over

Table 11.6. Number of Persons Engaged per Establishment in ASEAN by Division of Industry¹⁾

(in persons)

Division of Industry	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines ³⁾	Singapore	Thailand	Viet Nam
	2015	2011	2018	2017	2018	2015	2018	2015	2018
10 Manufacture of food products ²⁾	17.2	2.5	145.2	34.0	0.1	27.9	33.1	48.4	4.7
11 Manufacture of beverages	58.3	2.9	140.0	38.9	0.4	11.6	-	37.8	2.0
12 Manufacture of tobacco products	-	70.7	385.4	42.3	0.1	735.7	-	-	401.4
13 Manufacture of textiles	11.7	4.4	217.9	26.5	4.4	77.5	7.6	94.3	9.0
14 Manufacture of wearing apparel	7.7	18.5	255.2	8.5	1.5	65.8	5.5	134.3	14.7
15 Manufacture of leather and related products	-	147.5	350.4	31.2	0.0	102.4	21.8	96.9	144.1
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	24.1	3.8	182.7	54.6	1.7	43.0	17.2	23.5	2.9
17 Manufacture of paper and paper products	-	36.1	201.1	55.2	9.3	69.0	34.1	-	11.3
18 Printing and reproduction of recorded media	15.0	13.4	69.7	17.4	2.4	18.4	15.5	-	8.0
19 Manufacture of coke and refined petroleum products	293.3	28.5	148.9	111.3	0.1	206.7	247.2	-	17.3
20 Manufacture of chemicals and chemical products	56.0	63.6	156.2	65.3	2.0	56.0	66.5	32.9	20.9
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	65.0	30.9	225.3	61.2	32.4	51.2	143.0	-	77.0
22 Manufacture of rubber and plastics products	12.5	26.9	182.4	98.6	1.1	77.0	36.2	45.5	36.0
23 Manufacture of other non-metallic mineral products	32.3	6.5	101.3	46.0	2.0	49.2	34.1	21.5	14.3
24 Manufacture of basic metals	50.0	13.6	204.6	59.5	12.2	58.2	54.5	52.7	34.9
25 Manufacture of fabricated metal products, except machinery and equipment	17.4	3.3	105.8	30.6	0.1	50.0	30.5	23.3	4.6
26 Manufacture of computer, electronics and optical products	-	3.8	372.2	359.9	-	890.2	245.2	-	364.4
27 Manufacture of electrical equipment	35.0	29.5	275.1	98.1	3.3	172.9	34.4	126.0	101.6
28 Manufacture of machinery and equipment n.e.c.	-	6.0	121.3	53.2	3.2	82.6	33.9	35.4	34.8
29 Manufacture of motor vehicles, trailers and semi-trailers	-	5.0	318.0	109.7	0.1	362.3	34.5	-	182.6
30 Manufacture of other transport equipment	30.0	21.7	253.8	91.1	8.4	243.9	67.7	575.3	62.4
31 Manufacture of furniture	12.5	3.1	101.6	38.0	1.1	27.3	13.5	28.6	5.5
32 Other manufacturing	9.0	3.7	185.7	28.3	2.1	67.8	35.6	25.4	19.9
33 Repair and installation of machinery and equipment	11.3	2.6	82.8	19.5	0.0	18.8	-	-	5.1
All Industries	15.3	7.4	181.8	45.1	0.8	52.8	41.9	40.1	9.6

Source:

ASEAN Secretariat, computed from Table 11.3. and Table 11.5.

Notes:

1) The latest available year is indicated in each country column

2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore

3) Covers establishments with total employment of 20 and over

* - not available at the time of publication

Table 11.7. Index of Industrial Production for All Manufacturing Industries in ASEAN, 2009-2018

(annual change in percent)

Indicator/Year	Indonesia	Malaysia	Philippines	Singapore	Thailand	Viet Nam
	(2010=100)	(2010=100)	(2006=100)	(2015=100)	(2000=100)	(2012=100)
Index						
2009	-	93.3	129.2	72.0	170.0	-
2010	100.0	100.0	151.0	93.4	194.2	-
2011	104.1	105.7	154.2	100.6	100.0	-
2012	108.4	111.3	165.1	101.0	108.9	100.0
2013	114.9	116.0	174.0	102.7	110.8	105.8
2014	120.4	123.0	184.8	105.4	105.5	105.9
2015	126.1	128.9	176.9	100.0	105.3	107.6
2016	131.1	134.4	-	103.7	106.1	109.8
2017	137.4	142.6	-	114.5	111.9	107.4
2018	143.0	-	-	122.5	105.5	109.5
Annual Change						
2009	-	-7.5	-13.1	-4.2	-6.9	-
2010	-	7.2	16.9	29.7	14.2	-
2011	4.1	5.7	2.1	7.8	-48.5	-
2012	4.1	5.3	7.1	0.3	8.9	-
2013	6.0	4.2	5.4	1.7	1.8	5.8
2014	4.8	6.0	6.2	2.7	-4.8	0.1
2015	4.8	4.8	-	-5.1	-0.2	1.6
2016	4.0	4.3	-	3.7	0.8	2.0
2017	4.7	6.1	-	10.4	5.5	-2.2
2018	-	4.0	4.3	-	3.7	0.8

Source:
ASEAN Secretariat

Note:
“-” not available at the time of publication

Table 11.8. Index of Selected Industrial Production: Indonesia, 2010-2018

(2010=100; annual change in percent)

Divison of Industry	2010	2011	2012	2013	2014	2015	2016	2017	2018
Index of Industrial Production									
10 Manufacture of food products	100.0	106.8	120.2	133.1	147.1	157.3	167.0	183.5	194.3
11 Manufacture of beverages	100.0	109.6	109.2	109.9	113.2	112.5	112.2	109.0	126.6
12 Manufacture of tobacco products	100.0	99.4	104.5	103.9	112.1	117.6	114.2	115.7	133.0
13 Manufacture of textiles	100.0	92.3	84.6	77.3	73.1	71.6	68.7	69.0	72.4
14 Manufacture of wearing apparels	100.0	113.2	118.9	128.9	133.5	119.0	110.6	116.1	140.9
15 Manufacture of leather and related products	100.0	128.5	119.5	124.5	132.3	137.0	148.2	156.1	185.9
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100.0	67.7	64.8	70.6	77.0	77.7	78.7	78.6	78.1
17 Manufacture of paper and paper products	100.0	102.0	97.6	95.5	98.3	94.8	92.1	90.1	90.1
18 Printing and reproduction of recorded media	100.0	117.0	116.4	127.4	126.4	132.2	131.0	135.3	145.9
19 Manufacture of coke and refined petroleum products	n.a.	73.9	46.3	36.1	n.a.	42.9	42.6	n.a.	n.a.
20 Manufacture of chemicals and chemical products	100.0	105.1	113.3	122.5	129.8	131.0	130.6	135.9	131.9
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	122.6	140.9	135.2	148.6	167.5	181.6	196.0	206.0
22 Manufacture of rubber and plastic products	100.0	101.5	113.6	109.7	110.5	115.6	105.7	111.4	124.2
23 Manufacture of other non-methalic mineral products	100.0	113.7	125.5	129.4	134.1	143.5	151.8	151.7	155.1
24 Manufacture of basic metals	100.0	109.1	98.5	108.9	115.7	122.8	123.0	130.5	143.0
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	118.7	121.8	135.7	140.1	153.2	153.4	163.2	175.0
26 Manufacture of computers, electronic and optical products	100.0	96.7	106.8	116.8	112.2	115.6	117.5	115.3	97.9
27 Manufacture of electrical equipment	100.0	117.5	132.0	142.3	156.3	155.5	144.1	143.4	148.1
28 Manufacture of machinery and equipment n.e.c	100.0	132.9	122.0	116.4	125.7	128.6	133.2	138.1	153.3
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	121.4	124.8	139.1	145.0	152.6	152.8	153.3	159.4
30 Manufacture of other transport equipment	100.0	78.4	81.3	79.3	76.0	71.0	71.7	75.2	79.9
31 Manufacture of furniture	100.0	110.0	103.3	106.8	108.8	113.5	113.8	117.1	118.9
32 Other manufacturing	100.0	83.2	80.2	78.2	82.4	87.0	81.1	77.5	78.9
33 Repair and installation of machinery and equipment	100.0	91.1	97.7	93.3	87.9	91.8	88.5	86.5	80.5
All Manufacturing	100.0	104.1	108.4	114.9	120.4	126.1	131.1	137.4	143.0

Table 11.8. Index of Selected Industrial Production: Indonesia, 2010-2018 (Continued)

(2010=100; annual change in percent)

Division of Industry	2010	2011	2012	2013	2014	2015	2016	2017	2018
Change in Index									
10 Manufacture of food products	-	6.8	12.6	10.8	10.5	6.9	6.2	9.9	5.8
11 Manufacture of beverages	-	9.6	-0.3	0.7	2.9	-0.6	-0.3	-2.8	16.1
12 Manufacture of tobacco products	-	-0.6	5.2	-0.7	8.0	4.8	-2.8	1.2	15.0
13 Manufacture of textiles	-	-7.7	-8.3	-8.7	-5.5	-2.0	-4.1	0.5	4.9
14 Manufacture of wearing apparels	-	13.2	5.1	8.4	3.6	-10.9	-7.0	5.0	21.3
15 Manufacture of leather and related products	-	28.5	-7.0	4.2	6.2	3.6	8.2	5.3	19.1
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-32.3	-4.4	9.1	9.1	0.9	1.2	-0.1	-0.6
17 Manufacture of paper and paper products	-	13.2	5.1	8.4	2.9	-3.6	-2.8	-2.2	0.0
18 Printing and reproduction of recorded media	-	28.5	-7.0	4.2	-0.8	4.6	-0.9	3.3	7.8
19 Manufacture of coke and refined petroleum products	n.a.	n.a.	-4.4	9.1	n.a.	n.a.	-0.5	n.a.	n.a.
20 Manufacture of chemicals and chemical products	-	2.0	-4.4	-2.1	6.0	0.9	-0.2	4.0	-3.0
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	17.0	-0.5	9.4	9.9	12.7	8.4	7.9	5.1
22 Manufacture of rubber and plastic products	-	1.5	12.0	-3.4	0.7	4.6	-8.5	5.4	11.5
23 Manufacture of other non-methalic mineral products	-	13.7	10.4	3.1	3.6	7.0	5.8	-0.1	2.3
24 Manufacture of basic metals	-	9.1	-9.7	10.6	6.2	6.1	0.1	6.1	9.6
25 Manufacture of fabricated metal products, except machinery and equipment	-	18.7	2.6	11.4	3.2	9.4	0.1	6.4	7.2
26 Manufacture of computers, electronic and optical products	-	-3.3	10.5	9.3	-3.9	3.0	1.6	-1.9	-15.0
27 Manufacture of electrical equipment	-	17.5	12.3	7.8	9.8	-0.5	-7.4	-0.5	3.3
28 Manufacture of machinery and equipment n.e.c	-	32.9	-8.2	-4.6	8.0	2.3	3.5	3.7	11.0
29 Manufacture of motor vehicle, trailers and semi-trailers	-	21.4	2.8	11.5	4.2	5.2	0.1	0.3	4.0
30 Manufacture of other transport equipment	-	-21.6	3.7	-2.5	-4.1	-6.5	0.9	4.9	6.3
31 Manufacture of furniture	-	10.0	-6.1	3.5	1.8	4.3	0.3	3.0	1.5
32 Other manufacturing	-	-16.8	-3.6	-2.4	5.4	5.5	-6.7	-4.5	1.8
33 Repair and installation of machinery and equipment	-	-8.9	7.2	-4.6	-5.8	4.5	-3.6	-2.3	-6.9
All Manufacturing	-	4.1	4.1	6.0	4.8	4.8	4.0	4.7	4.1

 Source:
 ASEAN Secretariat

 Notes:
 Covers establishments with total employment of 20 and over
 "-" not available at the time of publication
 n.a. not applicable

Table 11.9. Index of Selected Industrial Production: Malaysia, 2010-2017

(2010=100; annual change in percent)

Division of Industry	2010	2011	2012	2013	2014	2015	2016	2017
Index of Industrial Production								
10 Manufacture of food products	100.0	110.7	108.7	115.3	121.8	105.6	120.6	134.6
11 Manufacture of beverages	100.0	109.0	105.6	103.3	121.4	153.6	149.3	162.9
12 Manufacture of tobacco products	100.0	111.8	123.6	101.3	106.2	120.1	119.4	121.7
13 Manufacture of textiles	100.0	102.0	102.3	89.9	99.2	99.6	104.8	108.9
14 Manufacture of wearing apparels	100.0	122.2	100.9	104.1	115.8	134.2	140.5	156.8
15 Manufacture of leather and related products	100.0	119.6	132.3	141.5	156.4	191.6	181.9	191.9
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100.0	95.7	96.5	99.1	110.1	119.3	124.4	129.5
17 Manufacture of paper and paper products	100.0	106.0	111.2	116.0	114.5	118.6	120.6	126.0
18 Printing and reproduction of recorded media	100.0	113.6	114.9	114.8	113.9	122.4	126.0	131.6
19 Manufacture of coke and refined petroleum products	100.0	103.4	108.3	108.5	109.2	116.8	113.9	117.9
20 Manufacture of chemicals and chemical products	100.0	104.4	112.4	109.6	113.9	124.1	128.7	134.2
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	132.1	156.0	154.3	158.7	172.9	180.2	188.5
22 Manufacture of rubber and plastic products	100.0	120.0	132.7	138.9	140.3	142.2	147.4	154.0
23 Manufacture of other non-ferrous metal products	100.0	112.1	115.4	115.0	122.9	140.1	136.0	142.5
24 Manufacture of basic metals	100.0	102.2	95.4	98.6	101.4	98.1	105.2	109.5
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	121.8	138.6	155.6	159.9	174.2	175.8	184.1
26 Manufacture of computers, electronic and optical products	100.0	97.2	106.4	119.0	134.0	143.7	157.6	170.5
27 Manufacture of electrical equipment	100.0	112.9	107.7	106.7	115.9	116.0	127.6	136.7
28 Manufacture of machinery and equipment n.e.c	100.0	103.8	109.9	109.6	115.5	127.9	129.9	138.0
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	120.6	100.8	103.6	110.9	107.4	117.3	123.8
30 Manufacture of other transport equipment	100.0	91.2	153.6	200.4	246.9	222.4	247.9	258.8
31 Manufacture of furniture	100.0	93.4	115.5	101.4	103.2	120.1	121.5	130.3
32 Other manufacturing	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33 Repair and installation of machinery and equipment	100.0	77.6	160.7	237.3	307.6	305.9	239.7	264.0
All Manufacturing	100.0	105.7	111.3	116.0	123.0	128.9	134.4	142.6

Table 11.9. Index of Selected Industrial Production: Malaysia, 2010-2017 (Continued)

(2010=100; annual change in percent)

Divison of Industry	2010	2011	2012	2013	2014	2015	2016	2017
Change in Index								
10 Manufacture of food products	-	10.7	-1.8	6.1	5.6	-13.3	14.2	11.6
11 Manufacture of beverages	-	9.0	-3.2	-2.1	17.5	26.6	-2.8	9.1
12 Manufacture of tobacco products	-	11.8	10.6	-18.0	4.8	13.1	-0.6	1.9
13 Manufacture of textiles	-	2.0	0.3	-12.1	10.4	0.4	5.2	3.9
14 Manufacture of wearing apparels	-	22.2	-17.5	3.3	11.2	15.9	4.7	11.6
15 Manufacture of leather and related products	-	19.6	10.6	6.9	10.5	22.5	-5.1	5.5
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-4.3	0.9	2.7	11.1	8.4	4.2	4.1
17 Manufacture of paper and paper products	-	6.0	4.9	4.3	-1.3	3.6	1.7	4.5
18 Printing and reproduction of recorded media	-	13.6	1.2	-0.1	-0.8	7.5	2.9	4.4
19 Manufacture of coke and refined petroleum products	-	3.4	4.7	0.2	0.6	7.0	-2.5	3.5
20 Manufacture of chemicals and chemical products	-	4.4	7.7	-2.5	3.9	9.0	3.7	4.3
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	32.1	18.1	-1.1	2.8	9.0	4.2	4.6
22 Manufacture of rubber and plastic products	-	20.0	10.6	4.7	1.1	1.3	3.7	4.5
23 Manufacture of other non-methalic mineral products	-	12.1	2.9	-0.4	6.9	14.0	-2.9	4.8
24 Manufacture of basic metals	-	2.2	-6.6	3.4	2.8	-3.2	7.2	4.1
25 Manufacture of fabricated metal products, except machinery and equipment	-	21.8	13.8	12.2	2.8	9.0	0.9	4.7
26 Manufacture of computers, electronic and optical products	-	-2.8	9.4	11.9	12.7	7.2	9.7	8.2
27 Manufacture of electrical equipment	-	12.9	-4.7	-0.9	8.6	0.1	10.0	7.1
28 Manufacture of machinery and equipment n.e.c	-	3.8	5.9	-0.3	5.4	10.7	1.5	6.2
29 Manufacture of motor vehicle, trailers and semi-trailers	-	20.6	-16.4	2.8	7.0	-3.2	9.2	5.5
30 Manufacture of other transport equipment	-	-8.8	68.4	30.5	23.2	-9.9	11.5	4.4
31 Manufacture of furniture	-	-6.6	23.8	-12.2	1.7	16.4	1.2	7.2
32 Other manufacturing	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33 Repair and installation of machinery and equipment	-	-22.4	107.1	47.6	29.6	-0.5	-21.6	10.1
All Manufacturing	-	5.7	5.3	4.2	6.0	4.8	4.3	6.1

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
n.a. not applicable

Table 11.10. Index of Selected Industrial Production: Philippines, 2009-2017

(2006=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017
Index of Industrial Production									
10 Manufacture of food products	222.0	239.2	218.2	265.5	247.7	260.5	224.6	275.4	293.4
11 Manufacture of beverages	123.3	141.7	168.9	173.9	173.5	227.3	234.8	262.8	265.8
12 Manufacture of tobacco products	27.4	14.8	12.3	9.6	9.6	10.3	13.6	14.9	13.3
13 Manufacture of textiles	75.1	81.7	81.2	81.0	57.6	66.2	73.3	66.1	46.4
14 Manufacture of wearing apparels	83.8	71.2	72.7	137.7	121.1	100.9	93.8	86.9	68.7
15 Manufacture of leather and related products	3.6	4.3	4.0	4.8	5.4	6.2	6.6	1.2	1.2
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	69.5	76.4	61.2	67.3	70.8	77.8	55.2	56.9	62.3
17 Manufacture of paper and paper products	85.2	93.7	103.9	95.4	80.3	82.9	92.1	94.2	97.8
18 Printing and reproduction of recorded media	131.0	137.5	136.3	146.9	151.6	443.3	446.7	451.7	546.4
19 Manufacture of coke and refined petroleum products	101.7	158.6	199.6	191.4	169.5	172.8	128.1	118.3	140.9
20 Manufacture of chemicals and chemical products	160.3	160.2	193.4	194.0	409.0	417.2	464.0	462.1	230.0
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	179.4	167.8	186.9	193.9	971.5	1,039.4	1,208.0	1,435.9	n.a.
22 Manufacture of rubber and plastic products	114.5	136.8	160.3	167.3	162.6	163.0	160.7	192.3	163.6
23 Manufacture of other non-methalic mineral products	89.3	117.0	141.4	159.2	121.0	59.6	55.4	61.1	n.a.
24 Manufacture of basic metals	200.5	249.7	249.8	210.4	253.6	240.5	232.3	262.1	384.9
25 Manufacture of fabricated metal products, except machinery and equipment	287.1	333.6	352.5	331.6	305.9	390.3	389.3	326.0	393.6
26 Manufacture of computers, electronic and optical products	101.6	126.4	117.1	123.0	122.7	128.1	123.1	-	-
27 Manufacture of electrical equipment	35.8	43.4	29.9	32.3	39.9	47.6	49.2	-	-
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	-	182.5	182.0
29 Manufacture of motor vehicle, trailers and semi-trailers	112.5	150.1	141.2	182.8	139.9	142.6	148.2	-	-
30 Manufacture of other transport equipment	112.5	150.1	141.2	182.8	140.1	142.6	148.3	181.2	207.5
31 Manufacture of furniture	87.4	71.2	88.8	109.4	126.5	123.8	89.0	64.6	71.9
32 Other manufacturing	100.7	141.4	161.1	130.1	82.0	75.7	81.7	-	-
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-
All Manufacturing	129.2	151.0	154.2	165.1	174.0	184.8	176.9	-	-

Table 11.10. Index of Selected Industrial Production: Philippines, 2009-2017 (Continued)

(2006=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017
Change in Index									
10 Manufacture of food products	-6.4	7.7	-8.8	21.7	-6.7	5.2	-13.8	22.6	6.5
11 Manufacture of beverages	-28.7	14.9	19.2	3.0	-0.2	31.0	3.3	11.9	1.1
12 Manufacture of tobacco products	2.2	-46.0	-16.9	-22.0	0.0	7.3	32.0	9.6	-10.5
13 Manufacture of textiles	-2.3	8.8	-0.6	-0.2	-28.9	14.9	10.7	-9.8	-29.7
14 Manufacture of wearing apparels	-26.1	-15.0	2.1	89.4	-12.1	-16.7	-7.0	-7.4	-21.0
15 Manufacture of leather and related products	-41.0	19.4	-7.0	20.0	12.5	14.8	6.5	-81.8	0.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.4	9.9	-19.9	10.0	5.2	9.9	-29.0	3.1	9.4
17 Manufacture of paper and paper products	-20.1	10.0	10.9	-8.2	-15.8	3.2	11.1	2.3	3.8
18 Printing and reproduction of recorded media	0.6	5.0	-0.9	7.8	3.2	192.4	0.8	1.1	21.0
19 Manufacture of coke and refined petroleum products	-40.0	55.9	25.9	-4.1	-11.4	1.9	-25.9	-7.7	19.1
20 Manufacture of chemicals and chemical products	-0.4	-0.1	20.7	0.3	110.8	2.0	11.2	-0.4	-50.2
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	13.2	-6.5	11.4	3.7	401.0	7.0	16.2	18.9	-
22 Manufacture of rubber and plastic products	-3.3	19.5	17.2	4.4	-2.8	0.2	-1.4	19.7	-14.9
23 Manufacture of other non-methalic mineral products	14.2	31.0	20.9	12.6	-24.0	-50.7	-7.0	10.3	-
24 Manufacture of basic metals	-19.3	24.5	0.0	-15.8	20.5	-5.2	-3.4	12.8	46.9
25 Manufacture of fabricated metal products, except machinery and equipment	-5.8	16.2	5.7	-5.9	-7.8	27.6	-0.3	-16.3	20.7
26 Manufacture of computers, electronic and optical products	-	24.4	-7.4	5.0	-0.2	4.4	-3.9	-	-
27 Manufacture of electrical equipment	-69.1	21.2	-31.1	8.0	23.5	19.3	3.4	-	-
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	-	-	-0.3
29 Manufacture of motor vehicle, trailers and semi-trailers	-4.6	33.4	-5.9	29.5	-23.5	1.9	3.9	-	-
30 Manufacture of other transport equipment	n.a.	33.4	-5.9	29.5	-23.4	1.8	4.0	22.2	14.5
31 Manufacture of furniture	-34.3	-18.5	24.7	23.2	15.6	-2.1	-28.1	-27.4	11.3
32 Other manufacturing	-0.2	40.4	13.9	-19.2	-37.0	-7.7	7.9	-	-
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-
All Manufacturing	-13.1	16.9	2.1	7.1	5.4	6.2	-4.3	-	-

 Source:
 ASEAN Secretariat

 Notes:
 Covers establishments with total employment of 20 and over
 . not available at the time of publication

Table 11.11. Index of Selected Industrial Production: Singapore, 2009-2018

(2015=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Index of Industrial Production										
10 Manufacture of food products	85.6	91.3	94.7	97.9	97.9	99.4	100.0	103.7	110.4	113.8
11 Manufacture of beverages	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
12 Manufacture of food, beverages and tobacco products	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
13 Manufacture of textiles	200.1	167.4	137.1	140.1	119.5	102.7	100.0	92.4	84.9	78.2
14 Manufacture of wearing apparels	905.7	529.2	429.3	395.4	334.1	212.6	100.0	83.4	88.2	82.7
15 Manufacture of leather and related products	88.3	90.9	111.1	109.5	122.0	106.5	100.0	88.8	79.0	73.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	97.3	99.7	95.9	93.3	103.0	107.2	100.0	95.0	92.9	86.0
17 Manufacture of paper and paper products	96.5	107.3	101.1	98.5	104.4	104.5	100.0	97.3	96.2	103.0
18 Printing and reproduction of recorded media	133.2	136.7	132.1	122.8	113.8	106.0	100.0	85.1	73.1	66.7
19 Manufacture of coke and refined petroleum products	103.8	103.0	107.7	107.1	100.7	92.2	100.0	104.2	113.5	113.0
20 Manufacture of chemicals and chemical products	68.1	82.8	84.9	85.3	88.4	96.7	100.0	98.9	105.3	110.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	46.5	71.2	94.6	103.8	101.4	109.4	100.0	113.8	97.5	105.1
22 Manufacture of rubber and plastic products	119.1	132.1	117.7	113.5	109.5	109.2	100.0	91.4	93.7	92.2
23 Manufacture of other non-ferrous metal products	101.4	102.1	110.4	108.8	107.4	90.8	100.0	89.8	72.8	64.1
24 Manufacture of basic metals	93.5	103.2	101.0	91.5	77.2	99.3	100.0	106.2	108.3	94.8
25 Manufacture of fabricated metal products, except machinery and equipment	92.8	105.8	102.1	107.3	107.5	107.8	100.0	93.8	91.3	91.5
26 Manufacture of computers, electronic and optical products	94.7	126.3	111.2	100.7	105.0	105.6	100.0	114.1	151.7	164.1
27 Manufacture of electrical equipment	70.0	100.1	80.6	80.1	87.4	97.9	100.0	101.5	111.7	125.3
28 Manufacture of machinery and equipment n.e.c	54.6	74.8	95.3	107.3	109.1	118.2	100.0	80.8	86.1	98.3
29 Manufacture of motor vehicle, trailers and semi-trailers	43.8	60.6	70.5	69.2	85.0	91.1	100.0	105.3	125.3	121.0
30 Manufacture of other transport equipment	99.2	97.1	103.4	109.9	111.1	106.7	100.0	101.0	99.3	102.3
31 Manufacture of furniture	127.4	140.3	123.5	131.0	127.9	113.5	100.0	94.9	68.0	63.9
32 Other manufacturing	56.7	62.7	68.2	73.0	79.5	84.8	100.0	110.4	121.3	133.7
33 Repair and installation of machinery and equipment										
All Manufacturing	72.0	93.4	100.6	101.0	102.7	105.4	100.0	103.7	114.5	122.5

Table 11.11. Index of Selected Industrial Production: Singapore, 2009-2018 (Continued)

(2015=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Change in index										
12 Manufacture of food, beverages and tobacco products	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
13 Manufacture of textiles	-19.0	-16.3	-18.1	2.2	-14.7	-14.1	-2.6	-7.6	-8.1	-7.9
14 Manufacture of wearing apparels	-36.9	-41.6	-18.9	-7.9	-15.5	-36.4	-53.0	-16.6	5.8	-6.2
15 Manufacture of leather and related products	-38.0	2.9	22.2	-1.4	11.4	-12.7	-6.1	-11.2	-11.0	-6.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-23.1	2.5	-3.8	-2.7	10.4	4.1	-6.7	-5.0	-2.2	-7.4
17 Manufacture of paper and paper products	-5.5	11.2	-5.8	-2.6	6.0	0.1	-4.3	-2.7	-1.1	7.1
18 Printing and reproduction of recorded media	-14.6	2.6	-3.4	-7.0	-7.3	-6.9	-5.7	-14.9	-14.1	-8.8
19 Manufacture of coke and refined petroleum products	-14.8	-0.8	4.6	-0.6	-6.0	-8.4	8.5	4.2	8.9	-0.4
20 Manufacture of chemicals and chemical products	-5.0	21.6	2.5	0.5	3.6	9.4	3.4	-1.1	6.5	5.0
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	12.6	53.1	32.9	9.7	-2.3	7.9	-8.6	13.8	-14.3	7.8
22 Manufacture of rubber and plastic products	-15.8	10.9	-10.9	-3.6	-3.5	-0.3	-8.4	-8.6	2.5	-1.6
23 Manufacture of other non-metallurgical mineral products	-4.8	0.7	8.1	-1.4	-1.3	-15.5	10.1	-10.2	-18.9	-12.0
24 Manufacture of basic metals	-15.7	10.4	-2.1	-9.4	-15.6	28.6	0.7	6.2	2.0	-12.5
25 Manufacture of fabricated metal products, except machinery and equipment	-10.3	14.0	-3.5	5.1	0.2	0.3	-7.2	-6.2	-2.7	0.2
26 Manufacture of computers, electronic and optical products	-8.5	33.4	-12.0	-9.4	4.3	0.6	-5.3	14.1	33.0	8.2
27 Manufacture of electrical equipment	6.2	43.0	-19.5	-0.6	9.1	12.0	2.1	1.5	10.0	12.2
28 Manufacture of machinery and equipment n.e.c	-11.8	37.0	27.4	12.6	1.7	8.3	-15.4	-19.2	6.6	14.2
29 Manufacture of motor vehicle, trailers and semi-trailers	-11.5	38.4	16.3	-1.8	22.8	7.2	9.8	5.3	19.0	-3.4
30 Manufacture of other transport equipment	-6.0	-2.1	6.5	6.3	1.1	-4.0	-6.3	1.0	-1.7	3.0
31 Manufacture of furniture	8.0	10.1	-12.0	6.1	-2.4	-11.3	-11.9	-5.1	-28.3	-6.0
32 Other manufacturing	1.4	10.6	8.8	7.0	8.9	6.7	17.9	10.4	9.9	10.2
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
All Manufacturing	-4.2	29.7	7.8	0.3	1.7	2.7	-5.1	3.7	10.4	7.0

Source:
ASEAN Secretariat

Notes:
"-" not available at the time of publication
n.a not applicable

Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2018

(2011=100; annual change in percent)

Division of Industry	2011	2012	2013	2014	2015	2016	2017	2018
Index of Industrial Production								
10/11 Manufacture of food products and beverages	100.0	101.3	100.2	102.3	101.1	102.8	107.9	110.2
12 Manufacture of tobacco products	100.0	115.7	122.3	126.6	128.1	127.9	128.0	99.0
13 Manufacture of textiles	100.0	98.8	99.8	96.6	94.3	85.7	71.2	69.0
14 Manufacture of wearing apparels	100.0	92.2	98.7	97.4	90.7	84.9	76.1	103.4
15 Manufacture of leather and related products	100.0	95.1	93.6	98.5	96.1	89.4	87.5	100.1
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100.0	91.8	90.5	84.0	84.1	77.2	75.5	103.8
17 Manufacture of paper and paper products	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
18 Printing and reproduction of recorded media	100.0	98.2	96.0	96.2	94.6	96.7	116.0	106.7
19 Manufacture of coke and refined petroleum products	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	100.0	107.2	108.9	102.2	115.2	111.4	164.1	110.8
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	103.9	103.5	105.8	107.0	106.0	110.2	106.7
22 Manufacture of rubber and plastic products	100.0	109.7	101.1	118.1	131.7	131.7	156.6	122.5
23 Manufacture of other non-methalic mineral products	100.0	100.9	102.2	99.7	99.5	100.5	104.2	102.9
24 Manufacture of basic metals	100.0	102.7	108.3	103.3	100.9	101.0	95.1	102.4
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	103.4	106.7	109.5	103.3	112.8	118.6	106.3
26 Manufacture of computers, electronic and optical products	100.0	121.3	113.1	114.4	116.9	119.0	112.7	98.9
27 Manufacture of electrical equipment	100.0	69.7	89.5	109.2	100.2	89.5	101.2	100.1
28 Manufacture of machinery and equipment n.e.c	100.0	106.4	104.7	101.2	103.2	104.8	105.0	98.5
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	114.3	126.7	128.2	124.6	151.3	131.6	93.1
30 Manufacture of other transport equipment	100.0	146.4	143.8	107.0	110.0	109.9	132.4	112.0
31 Manufacture of furniture	100.0	106.0	92.6	79.0	77.7	81.7	83.9	104.2
32 Other manufacturing	100.0	103.7	81.4	81.1	83.3	74.5	68.6	95.8
33 Repair and installation of machinery and equipment	100.0	107.1	123.7	143.0	159.2	174.9	160.3	96.6
All Manufacturing	100.0	108.9	110.8	105.5	105.3	106.1	111.9	105.5

Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2018 (Continued)

(2011=100; annual change in percent)

Division of Industry	2011	2012	2013	2014	2015	2016	2017	2018
Change in Index								
10/11 Manufacture of food products and beverages	-	1.3	-1.1	2.1	-1.2	1.7	4.9	2.1
12 Manufacture of tobacco products	-	15.7	5.7	3.5	1.2	-0.2	0.1	-22.7
13 Manufacture of textiles	-	-1.3	1.1	-3.2	-2.4	-9.2	-16.9	-3.1
14 Manufacture of wearing apparels	-	-7.8	7.0	-1.4	-6.8	-6.4	-10.3	35.8
15 Manufacture of leather and related products	-	-4.9	-1.5	5.2	-2.5	-7.0	-2.1	14.4
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-8.3	-1.4	-7.1	0.0	-8.2	-2.2	37.5
17 Manufacture of paper and paper products	-	n.a	n.a	n.a	n.a	n.a	n.a	n.a
18 Printing and reproduction of recorded media	-	-1.8	-2.2	0.2	-1.6	2.1	20.0	-8.0
19 Manufacture of coke and refined petroleum products	-	n.a	n.a	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	-	7.2	1.7	-6.2	12.8	-3.3	47.3	-32.5
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	3.9	-0.4	2.3	1.2	-0.9	3.9	-3.2
22 Manufacture of rubber and plastic products	-	9.7	-7.8	16.8	11.5	0.0	19.0	-21.8
23 Manufacture of other non-metallurgical mineral products	-	0.9	1.3	-2.5	-0.3	1.0	3.7	-1.3
24 Manufacture of basic metals	-	2.7	5.4	-4.6	-2.3	0.1	-5.8	7.6
25 Manufacture of fabricated metal products, except machinery and equipment	-	3.4	3.1	2.6	-5.6	9.2	5.1	-10.4
26 Manufacture of computers, electronic and optical products	-	21.3	-6.8	1.1	2.2	1.8	-5.3	-12.2
27 Manufacture of electrical equipment	-	-30.3	28.4	22.0	-8.2	-10.7	13.1	-1.1
28 Manufacture of machinery and equipment n.e.c	-	6.4	-1.6	-3.4	2.0	1.6	0.1	-6.2
29 Manufacture of motor vehicle, trailers and semi-trailers	-	14.3	10.9	1.2	-2.8	21.4	-13.0	-29.2
30 Manufacture of other transport equipment	-	46.4	-1.7	-25.6	2.9	-0.1	20.5	-15.4
31 Manufacture of furniture	-	6.0	-12.7	-14.6	-1.7	5.2	2.6	24.2
32 Other manufacturing	-	3.7	-21.6	-0.3	2.7	-10.6	-7.9	39.7
33 Repair and installation of machinery and equipment	-	7.1	15.5	15.6	11.3	9.8	-8.4	-39.7
All Manufacturing	-	8.9	1.8	-4.8	-0.2	0.8	5.5	-5.7

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
n.a not applicable

Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011-2018

(2012=100; annual change in percent)

Division of Industry	2012	2013	2014	2015	2016	2017	2018
Index of Industrial Production							
10 Manufacture of food products	100.0	107.9	106.0	104.8	107.8	108.2	105.3
11 Manufacture of beverages	100.0	111.3	109.2	109.5	107.0	110.4	110.0
12 Manufacture of tobacco products	100.0	100.7	106.2	87.4	103.8	103.3	98.8
13 Manufacture of textiles	100.0	104.2	121.0	119.7	114.0	116.9	109.5
14 Manufacture of wearing apparels	100.0	107.5	110.9	112.2	104.6	107.5	106.0
15 Manufacture of leather and related products	100.0	107.8	118.7	122.0	117.0	103.5	104.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100.0	n.a	n.a	n.a	n.a	n.a	n.a
17 Manufacture of paper and paper products	100.0	115.2	120.0	115.5	111.7	107.2	108.5
18 Printing and reproduction of recorded media	100.0	n.a	n.a	n.a	n.a	n.a	n.a
19 Manufacture of coke and refined petroleum products	100.0	n.a	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	100.0	110.0	107.9	104.4	104.9	101.4	108.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	106.0	111.2	101.8	103.4	102.7	106.0
22 Manufacture of rubber and plastic products	100.0	110.4	109.5	103.6	111.5	110.2	113.1
23 Manufacture of other non-metallurgical mineral products	100.0	94.9	104.6	108.8	112.0	112.3	106.7
24 Manufacture of basic metals	100.0	106.4	98.2	109.9	112.1	117.9	122.0
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	107.9	117.0	113.3	103.0	109.7	112.9
26 Manufacture of computers, electronic and optical products	100.0	114.4	102.2	135.2	135.1	112.5	132.5
27 Manufacture of electrical equipment	100.0	103.2	110.7	102.6	110.2	107.4	109.2
28 Manufacture of machinery and equipment n.e.c	100.0	n.a	n.a	n.a	n.a	n.a	n.a
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	108.9	113.9	123.1	127.0	117.5	99.8
30 Manufacture of other transport equipment	100.0	91.7	98.3	101.2	104.2	107.2	108.7
31 Manufacture of furniture	100.0	118.9	96.0	103.5	107.4	111.1	106.2
32 Other manufacturing	100.0	n.a	n.a	n.a	n.a	n.a	n.a
33 Repair and installation of machinery and equipment	100.0	n.a	n.a	n.a	n.a	n.a	n.a
All Manufacturing	100.0	105.8	105.9	107.6	109.8	107.4	109.5

Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011-2018 (Continued)

(2012=100; annual change in percent)

Division of Industry	2012	2013	2014	2015	2016	2017	2018
Change in Index							
10 Manufacture of food products	-	7.9	-1.7	-1.2	2.9	0.4	-2.7
11 Manufacture of beverages	-	11.3	-1.9	0.3	-2.3	3.2	-0.3
12 Manufacture of tobacco products	-	0.7	5.4	-17.7	18.8	-0.5	-4.3
13 Manufacture of textiles	-	4.2	16.1	-1.0	-4.8	2.5	-6.3
14 Manufacture of wearing apparels	-	7.5	3.1	1.2	-6.8	2.8	-1.4
15 Manufacture of leather and related products	-	7.8	10.1	2.8	-4.1	-11.6	0.5
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	n.a	n.a	n.a	n.a	n.a	n.a
17 Manufacture of paper and paper products	-	15.2	4.2	-3.7	-3.4	-4.0	1.2
18 Printing and reproduction of recorded media	-	n.a	n.a	n.a	n.a	n.a	n.a
19 Manufacture of coke and refined petroleum products	-	n.a	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	-	10.0	-1.9	-3.3	0.5	-3.4	6.9
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	6.0	4.9	-8.4	1.6	-0.7	3.2
22 Manufacture of rubber and plastic products	-	10.4	-0.8	-5.4	7.6	-1.1	2.6
23 Manufacture of other non-methalic mineral products	-	-5.1	10.2	4.1	3.0	0.2	-5.0
24 Manufacture of basic metals	-	6.4	-7.7	11.9	2.0	5.1	3.5
25 Manufacture of fabricated metal products, except machinery and equipment	-	7.9	8.4	-3.2	-9.0	6.5	2.9
26 Manufacture of computers, electronic and optical products	-	14.4	-10.6	32.3	-0.1	-16.7	17.8
27 Manufacture of electrical equipment	-	3.2	7.3	-7.4	7.4	-2.6	1.7
28 Manufacture of machinery and equipment n.e.c	-	n.a	n.a	n.a	n.a	n.a	n.a
29 Manufacture of motor vehicle, trailers and semi-trailers	-	8.9	4.6	8.1	3.2	-7.5	-15.0
30 Manufacture of other transport equipment	-	-8.3	7.2	2.9	2.9	2.9	1.5
31 Manufacture of furniture	-	18.9	-19.3	7.8	3.8	3.4	-4.5
32 Other manufacturing	-	n.a	n.a	n.a	n.a	n.a	n.a
33 Repair and installation of machinery and equipment	-	n.a	n.a	n.a	n.a	n.a	n.a
All Manufacturing	-	5.8	0.1	1.6	2.0	-2.2	2.0

Source:
ASEAN Secretariat

Notes:
. not available at the time of publication
n.a not applicable



CHAPTER 12

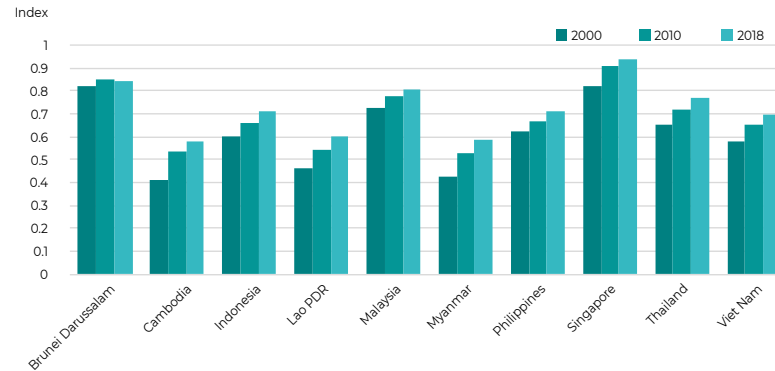
Other Social Indicators

Table 12.1. Human Development Index (HDI) in ASEAN, 2009-2018

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.845	0.846	0.852	0.860	0.863	0.864	0.865	0.852	0.853	0.845
Cambodia	0.519	0.533	0.540	0.546	0.553	0.558	0.563	0.576	0.582	0.581
Indonesia	0.656	0.662	0.669	0.677	0.682	0.686	0.689	0.691	0.694	0.707
Lao PDR	0.535	0.542	0.554	0.563	0.573	0.582	0.586	0.598	0.601	0.604
Malaysia	0.764	0.774	0.776	0.779	0.783	0.787	0.789	0.799	0.802	0.804
Myanmar	0.515	0.526	0.533	0.540	0.547	0.552	0.556	0.574	0.578	0.584
Philippines	0.662	0.669	0.666	0.671	0.676	0.679	0.682	0.696	0.699	0.712
Singapore	0.889	0.911	0.917	0.920	0.922	0.924	0.925	0.930	0.932	0.935
Thailand	0.711	0.720	0.729	0.733	0.737	0.738	0.740	0.748	0.755	0.765
Viet Nam	0.647	0.655	0.662	0.668	0.675	0.678	0.683	0.689	0.694	0.693

Source :
UNDP - Human Development Report

Chart 12.1. Trend of HDI in ASEAN, 2000-2018



**Table 12.2. Population Below the National Poverty Line in ASEAN, 2008-2017
(Urban + Rural)**

(in percent)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cambodia	29.9	22.9	21.1	19.8	18.9	16.03	13.5	13.5	13.5	13.5
Indonesia	15.4	14.2	13.3	12.5	12.0	11.4	11.3	11.2	10.9	10.6
Lao PDR	27.6	-	24.0	-	-	23.2	-	24.0	23.2	23.4
Malaysia ¹⁾	-	3.8	-	-	1.7	-	0.6	0.6	0.4	0.4
Myanmar	-	-	25.6	23.6	-	-	-	19.4	32.1	24.8
Philippines ²⁾	-	26.3	-	-	25.2	-	-	22.0	21.6	21.6
Singapore	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	20.5	19.1	16.9	13.2	-	-	10.5	7.2	8.6	7.9
Viet Nam ¹⁾	14.5	-	14.2	12.6	11.1	9.8	8.4	7.0	7.0	9.8

Sources:
ASEAN Secretariat
World Bank - World Development Indicators

Notes:
1) Malaysia and Viet Nam figures are percent number of household
2) Philippines figure use Regional Poverty Estimation Methodology
"- " not available at the time of publication
n.a. not applicable

Table 12.3. Proportion of Population Below the \$1.90 PPP in ASEAN

(in percent)

Country	Below \$1.90 PPP Latest Year ¹⁾	Below National Poverty Line 2017
Brunei Darussalam	n.a.	n.a.
Cambodia	2.2	13.5
Indonesia	5.7	10.6
Lao PDR	22.7	23.4
Malaysia	0.0	0.4
Myanmar	6.2	24.8
Philippines	6.1	21.6
Singapore	n.a.	n.a.
Thailand	0.0	7.9
Viet Nam	2.0	9.8

Sources:
ASEAN Secretariat
World Bank - World Development Indicators

Notes:
1) The latest available data for Cambodia and Lao PDR is 2012; for Malaysia, Myanmar, and Philippines is 2015; for Viet Nam is 2016.
n.a. not applicable

Chart 12.2. Proportion of Population Below \$1.90 PPP in ASEAN

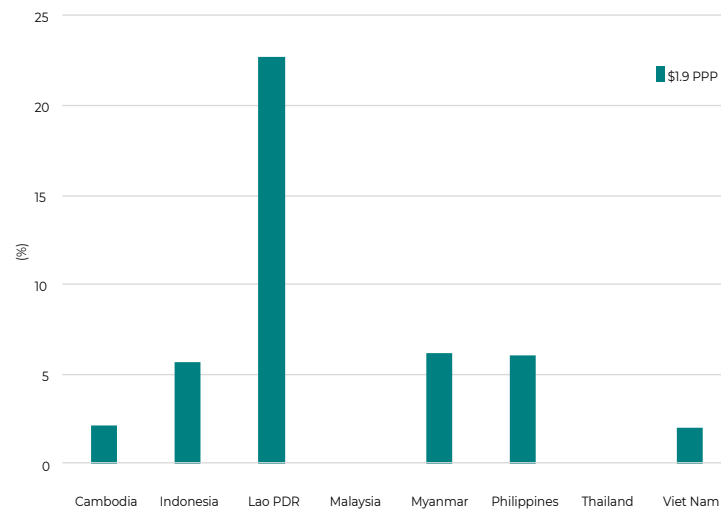


Table 12.4. Gini Coefficient in ASEAN, 2008-2017

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	0.379	0.360	0.340	0.317	0.308	0.320	0.320	0.320	0.310	-
Indonesia	0.350	0.370	0.380	0.410	0.410	0.413	0.406	0.408	0.397	0.393
Lao PDR	0.367	-	-	-	0.379	-	-	0.379	-	0.364
Malaysia	-	0.462	-	-	0.431	-	0.401	-	0.399	0.463
Myanmar	-	-	-	-	-	-	-	-	-	0.381
Philippines	-	0.464	-	-	0.430	-	-	0.401	-	0.401
Singapore	0.474	0.471	0.472	0.473	0.478	0.463	0.464	0.463	0.458	0.459
Thailand	0.401	0.396	0.394	0.375	0.393	0.379	-	0.445	-	0.378
Viet Nam	0.434	-	0.433	-	0.387	-	0.376	-	0.436	0.348

Sources:
 ASEAN Secretariat
 UNDP - Human Development Report, except Indonesia and Singapore

Note:
 "-" not available at the time of publication

Table 12.5. Proportion of Seats in National Legislature Held by Women in ASEAN, 2009-2018

(in percent)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam ¹⁾	n.a.	n.a.	n.a.	6.1	6.1	6.1	6.1	6.3	9.1	8.3
Cambodia	16.3	21.0	21.0	20.3	20.3	20.3	20.3	20.3	20.3	15.2
Indonesia	11.6	17.9	17.9	18.2	18.6	18.6	17.1	17.1	19.8	17.3
Lao PDR	25.2	25.2	25.2	25.0	25.0	25.0	25.0	25.0	27.5	27.5
Malaysia	10.8	10.4	10.4	10.4	10.4	10.4	11.0	10.4	10.4	14.4
Myanmar	-	-	4.3	3.5	6.0	5.6	5.0	10.4	10.9	11.6
Philippines	20.5	21.4	22.1	22.9	22.9	27.3	26.0	27.2	29.5	29.5
Singapore	24.5	23.4	23.4	22.2	24.2	25.3	25.3	23.1	23.0	24.0
Thailand	11.7	12.3	13.3	15.8	15.8	15.8	13.0	6.1	4.8	4.8
Viet Nam	25.8	25.8	25.8	24.4	24.4	24.3	24.3	24.3	26.7	26.7

Sources:
 ASEAN Secretariat
 ADB Key Indicators 2019

Notes:
 1) not applicable for Brunei Darussalam before 2012
 n.a. not applicable
 "-" not available at the time of publication



CHAPTER 13

Other Sectors

Table 13.1. Values of Crude Oil Exports in ASEAN, 2009-2018

(in US \$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	3,438.6	4,453.3	6,318.6	6,262.7	5,119.3	4,417.5	2,369.7	2,405.7	2,217.9	2,699.6
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	7,820.3	10,402.9	13,828.7	12,293.4	10,204.7	9,215.0	6,457.0	5,196.7	5,237.6	5,151.9
Lao PDR	-	-	-	-	-	-	-	-	-	-
Malaysia	7,251.2	9,607.7	10,924.5	10,464.1	10,210.1	10,535.3	6,854.7	5,650.6	7,019.5	9,457.0
Myanmar	-	-	-	-	-	0.0	61.1	51.8	177.3	59.5
Philippines	225.2	339.8	415.2	597.8	975.5	1,047.2	289.7	173.6	195.8	202.7
Singapore	20.9	21.9	0.5	0.2	0.4	0.1	16.4	0.2	69.8	51.2
Thailand	1,038.4	837.4	1,378.8	1,662.2	1,163.5	421.0	64.0	501.1	695.5	781.9
Viet Nam	3,247.1	5,023.5	6,733.1	7,946.7	6,871.5	5,889.7	3,630.4	2,378.1	2,830.8	2,146.7
ASEAN	23,041.6	30,686.4	39,599.4	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,444.2	20,550.5

Sources:
ASEAN Secretariat
Crude Oil: SITC 333

Note:
'-': not available at the time of publication

Table 13.2. Values of Crude Oil Imports in ASEAN, 2009-2018

(in US \$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Indonesia	7,362.2	8,531.2	11,154.5	10,803.2	13,585.8	13,072.4	8,063.3	6,730.5	7,063.6	10,203.9
Lao PDR	0.5	0.8	0.9	27.7	6.2	6.8	3.2	2.6	2.2	2.9
Malaysia	4,219.9	5,724.4	7,832.0	8,981.8	7,163.0	7,725.7	3,384.2	2,826.0	3,960.7	5,713.2
Myanmar	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Philippines	3,354.5	5,504.6	7,874.2	7,618.8	6,617.1	6,287.3	3,952.4	2,905.1	3,492.2	5,190.8
Singapore	20,032.2	24,037.7	33,607.0	39,827.6	35,559.1	34,398.9	18,234.5	15,049.9	21,420.2	27,965.7
Thailand	19,008.3	24,397.3	32,897.4	35,843.2	37,396.1	33,216.5	19,521.2	15,176.0	19,858.2	22,389.8
Viet Nam	0.0	334.8	567.0	583.9	1,123.1	452.4	99.4	199.9	635.7	2,914.3
ASEAN	53,977.6	68,530.7	93,932.9	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,432.7	74,380.7

Sources:
ASEAN Secretariat
Crude Oil: SITC 333

Note:
'-': not available at the time of publication

Table 13.3. Values of Petroleum Products Exports in ASEAN, 2009-2018

(in US \$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	0.2	1.5	0.3	0.2	0.4	0.4	0.2	0.3	8.0	3.9
Cambodia	-	0.0	-	-	0.1	0.0	0.0	0.1	0.0	0.1
Indonesia	866.2	2,190.9	2,901.7	1,774.8	1,611.4	1,301.1	553.2	400.4	909.0	925.8
Lao PDR	-	0.0	0.1	-	0.0	0.5	4.7	6.8	0.8	0.0
Malaysia	5,501.3	7,977.2	10,780.4	14,596.7	19,376.0	18,485.6	10,621.2	11,146.9	13,210.3	16,264.1
Myanmar	-	-	-	0.0	-	0.0	2.3	67.4	214.3	260.8
Philippines	262.4	371.2	647.5	465.0	834.0	445.7	312.8	196.8	395.6	494.0
Singapore	39,822.6	55,145.2	79,250.2	73,240.8	69,256.3	66,220.0	42,090.0	36,105.4	46,540.2	52,064.6
Thailand	6,302.5	7,797.9	10,093.2	11,388.5	11,473.5	9,811.1	6,932.8	4,863.0	6,112.9	7,793.1
Viet Nam	471.7	1,276.1	2,040.1	1,666.4	1,146.1	973.4	739.2	640.7	847.7	1,142.9
ASEAN	53,227.0	74,760.0	105,713.5	103,132.6	103,697.8	97,238.0	61,256.5	53,427.7	68,238.9	78,949.3

Sources:
 ASEAN Secretariat
 Petroleum Products: SITC 334

Note:
 '-' not available at the time of publication

Table 13.4. Values of Petroleum Products Imports in ASEAN, 2009-2018

(in US \$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunei Darussalam	75.4	126.8	280.0	254.6	268.5	362.8	193.0	222.3	264.1	268.6
Cambodia	350.3	308.4	746.3	1,107.8	944.3	294.9	1,089.2	888.9	1,108.1	1,616.8
Indonesia	10,841.0	17,654.3	27,721.8	28,038.2	27,850.9	26,717.3	14,008.5	9,940.9	14,119.6	18,787.6
Lao PDR	332.1	452.5	460.8	602.3	546.5	652.3	644.1	541.2	608.9	770.3
Malaysia	4,084.4	7,888.4	10,705.1	13,104.5	22,051.7	22,822.1	14,802.9	11,895.6	16,668.3	20,168.2
Myanmar	697.5	908.5	2,043.7	1,793.8	1,714.6	2,680.3	1,816.4	1,641.7	3,376.7	3,860.3
Philippines	3,249.1	3,234.2	3,667.5	4,977.5	5,282.6	5,873.9	3,337.0	3,953.1	5,604.0	6,744.5
Singapore	38,510.4	56,909.8	80,372.0	77,314.7	74,613.4	72,384.3	42,675.5	33,081.0	45,904.4	54,335.0
Thailand	1,075.5	1,679.7	2,997.1	3,441.6	3,676.2	5,573.1	2,993.2	3,557.1	4,348.8	4,177.3
Viet Nam	5,232.0	6,454.1	10,341.8	9,334.8	7,386.4	7,444.8	5,729.5	5,340.6	7,308.3	8,060.1
ASEAN	64,447.6	95,616.7	139,336.1	139,969.9	144,335.0	144,805.9	87,289.3	71,062.5	99,311.2	118,788.7

Sources:
 ASEAN Secretariat
 Petroleum Products: SITC 334

Note:
 '-' not available at the time of publication

Table 13.5. Values of ASEAN Net Exports of Crude Oil and Petroleum Products, 2009-2018

(in US \$ Million)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Crude Oil										
Exports	23,041.6	30,686.4	39,599.4	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,444.2	20,550.5
Imports	53,977.6	68,530.7	93,932.9	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,432.7	74,380.7
Net Exports	-30,936.0	-37,844.3	-54,333.4	-64,459.3	-66,905.1	-63,634.2	-33,515.1	-26,532.4	-37,988.5	-53,830.2
Export/Imports	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3
Petroleum Products										
Exports	53,227.0	74,760.0	105,713.5	103,132.6	103,697.8	97,238.0	61,256.5	53,427.7	68,238.9	78,949.3
Imports	64,447.6	95,616.7	139,336.1	139,969.9	144,335.0	144,805.9	87,289.3	71,062.5	99,311.2	118,788.7
Net Exports	-11,220.6	-20,856.7	-33,622.6	-36,837.3	-40,637.3	-47,567.9	-26,032.7	-17,634.7	-31,072.3	-39,839.4
Export/Imports	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.7

Sources:
 ASEAN Secretariat
 Crude Oil: SITC 333
 Petroleum Products: SITC 334

Chart 13.1. Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2009-2018

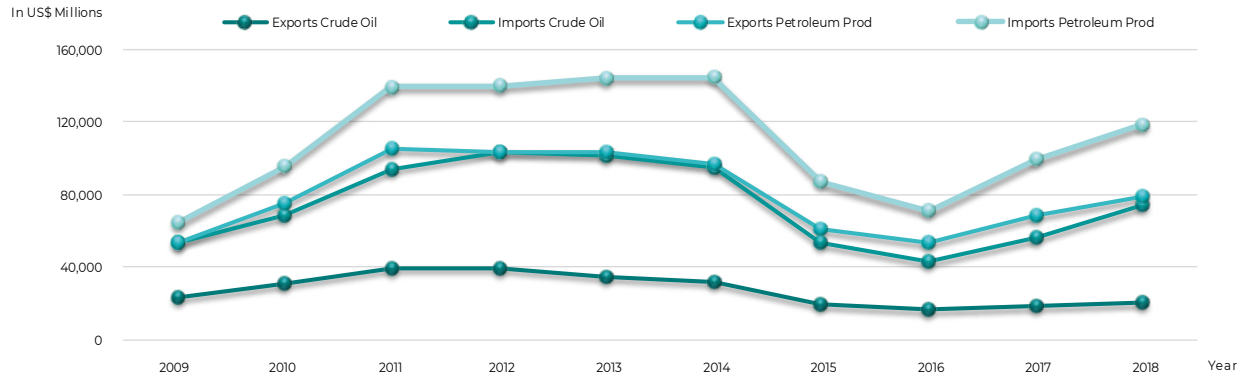


Table 13.6. Major Markets of ASEAN Crude Oil Exports, 2014-2018

(in US \$ Million)

No	Country	2014	No	Country	2015	No	Country	2016	No	Country	2017	No	Country	2018
1	ASEAN	8,501.2	1	ASEAN	7,645.9	1	ASEAN	6,047.7	1	ASEAN	7,475.1	1	ASEAN	8,030.5
2	Australia	7,220.7	2	Australia	2,875.0	2	China	2,628.3	2	Australia	3,015.5	2	Australia	4,561.8
3	Japan	5,373.3	3	Japan	2,573.4	3	Australia	2,530.4	3	China	2,290.4	3	India	2,461.4
4	India	3,340.0	4	India	1,885.5	4	India	2,027.0	4	India	1,852.8	4	China	1,359.5
5	Korea, Republic of	2,246.7	5	China	1,598.5	5	Japan	1,284.4	5	Japan	1,290.5	5	Japan	1,201.2
6	China	1,559.3	6	United States	1,082.8	6	Korea, Republic of	644.4	6	Korea, Republic of	975.2	6	Korea, Republic of	1,101.1
7	United States	1,373.5	7	Korea, Republic of	1,003.1	7	United States	570.9	7	United States	782.2	7	United States	863.7
8	New Zealand	1,198.5	8	New Zealand	771.0	8	New Zealand	292.4	8	Taiwan, Province of China	358.0	8	New Zealand	476.1
9	Taiwan, Province of China	583.7	9	Taiwan, Province of China	267.2	9	Taiwan, Province of China	266.5	9	New Zealand	343.9	9	Taiwan, Province of China	408.4
10	Papua New Guinea	128.9	10	Papua New Guinea	40.6	10	Papua New Guinea	41.6	10	Switzerland	47.2	10	Papua New Guinea	46.9
Top Ten		31,525.8	Top Ten		19,743.0	Top Ten		16,333.6	Top Ten		18,430.9	Top Ten		20,510.6
Others		0.0	Others		0.0	Others		24.2	Others		13.3	Others		39.9
Total		31,525.8	Total		19,743.0	Total		16,357.8	Total		18,444.2	Total		20,550.5

Sources:
ASEAN Secretariat
Crude Oil: SITC 333

Table 13.7. Major Suppliers (Origins) of ASEAN Crude Oil Imports, 2014-2018

(in US \$ Million)

No	Country	2014	No	Country	2015	No	Country	2016	No	Country	2017	No	Country	2018
1	United Arab Emirates	22,764.7	1	United Arab Emirates	12,069.9	1	Saudi Arabia	11,191.9	1	United Arab Emirates	12,874.8	1	Saudi Arabia	16,733.6
2	Saudi Arabia	21,917.4	2	Saudi Arabia	11,970.5	2	United Arab Emirates	9,453.8	2	Saudi Arabia	12,017.4	2	United Arab Emirates	14,264.1
3	ASEAN	9,988.3	3	ASEAN	9,303.2	3	ASEAN	6,383.7	3	ASEAN	8,448.2	3	ASEAN	8,183.4
4	Qatar	9,493.4	4	Qatar	4,701.0	4	Qatar	3,780.8	4	Qatar	5,718.8	4	Kuwait	7,810.5
5	Russian Federation	5,778.0	5	Kuwait	3,132.9	5	Kuwait	3,057.1	5	Kuwait	3,864.5	5	Qatar	7,187.7
6	Nigeria	4,016.9	6	Australia	1,736.7	6	Australia	1,633.1	6	Australia	2,265.9	6	Australia	3,184.4
7	Azerbaijan	3,924.8	7	Russian Federation	1,725.6	7	Russian Federation	1,534.0	7	Russian Federation	2,179.6	7	Nigeria	3,169.1
8	Australia	3,601.0	8	Azerbaijan	1,659.3	8	Nigeria	1,286.1	8	Nigeria	1,685.2	8	Russian Federation	2,573.1
9	Kuwait	2,672.7	9	Nigeria	1,324.0	9	Azerbaijan	818.5	9	Azerbaijan	940.3	9	United States	1,682.0
10	Iraq	2,432.5	10	Iraq	1,055.9	10	Algeria	651.4	10	Iraq	646.9	10	Angola	1,610.1
Top Ten		86,589.6	Top Ten		48,679.0	Top Ten		39,790.3	Top Ten		50,641.6	Top Ten		66,398.0
Others		8,570.3	Others		4,579.1	Others		3,099.8	Others		5,791.2	Others		7,982.7
Total		95,160.0	Total		53,258.1	Total		42,890.1	Total		56,432.7	Total		74,380.7

Sources:
ASEAN Secretariat
Crude Oil: SITC 333

Table 13.8. Major Markets of ASEAN Petroleum Products Exports, 2014-2018

(in US \$ Million)

No	Country	2014	No	Country	2015	No	Country	2016	No	Country	2017	No	Country	2018
1	ASEAN	60,281.0	1	ASEAN	37,149.9	1	ASEAN	33,284.4	1	ASEAN	40,039.5	1	ASEAN	45,893.9
2	Australia	8,502.6	2	Australia	4,400.7	2	China	3,884.6	2	China	6,452.5	2	Australia	6,966.4
3	China	5,802.7	3	China	4,070.9	3	Australia	3,837.2	3	Australia	4,954.0	3	China	6,425.6
4	Hong Kong	3,272.6	4	Hong Kong	2,195.1	4	Hong Kong	1,888.2	4	Hong Kong	2,772.6	4	Hong Kong	3,507.5
5	Korea, Republic of	2,623.1	5	Korea, Republic of	1,307.5	5	EU-28	1,088.2	5	EU-28	2,113.0	5	Bangladesh	2,287.1
6	Bangladesh	1,858.3	6	India	919.3	6	Korea, Republic of	1,008.1	6	Bangladesh	1,414.6	6	Korea, Republic of	1,512.0
7	Sri Lanka	1,196.7	7	Japan	890.9	7	Bangladesh	967.9	7	Korea, Republic of	1,343.2	7	United States	1,317.1
8	Taiwan, Province of China	1,119.8	8	South Africa	877.5	8	United States	898.0	8	Taiwan, Province of China	1,041.3	8	EU-28	1,140.9
9	South Africa	1,104.3	9	United States	876.3	9	Taiwan, Province of China	850.6	9	United States	1,020.0	9	Sri Lanka	1,124.4
10	New Zealand	946.4	10	EU-28	866.7	10	India	715.2	10	Sri Lanka	839.1	10	Taiwan, Province of China	1,104.9
Top Ten		86,707.5	Top Ten		53,554.8	Top Ten		48,422.4	Top Ten		61,989.7	Top Ten		71,279.7
Others		10,530.4	Others		7,701.7	Others		5,005.3	Others		6,249.2	Others		7,669.6
Total		97,238.0	Total		61,256.5	Total		53,427.7	Total		68,238.9	Total		78,949.3

Sources:
ASEAN Secretariat
Petroleum products: SITC 334

Table 13.9. Major Suppliers (Origins) of ASEAN Petroleum Products Imports, 2014-2018

(in US \$ Million)

No	Country	2014	No	Country	2015	No	Country	2016	No	Country	2017	No	Country	2018
1	ASEAN	57,210.1	1	ASEAN	12,069.9	1	ASEAN	30,407.7	1	ASEAN	41,777.5	1	ASEAN	51,234.4
2	Korea, Republic of	16,838.2	2	Korea, Republic of	11,970.5	2	China	6,591.2	2	China	9,186.8	2	China	11,804.1
3	China	7,596.2	3	China	9,303.2	3	Korea, Republic of	6,494.5	3	Korea, Republic of	8,090.8	3	Korea, Republic of	9,902.5
4	Taiwan, Province of China	7,247.2	4	Russian Federation	4,701.0	4	India	4,030.1	4	India	7,189.6	4	India	6,932.2
5	India	7,002.0	5	EU-28	3,132.9	5	EU-28	3,255.1	5	United Arab Emirates	4,203.1	5	United Arab Emirates	5,758.2
6	Russian Federation	6,803.9	6	United Arab Emirates	1,736.7	6	United Arab Emirates	3,002.0	6	Russian Federation	4,112.0	6	EU-28	5,409.8
7	United Arab Emirates	6,581.8	7	Taiwan, Province of China	1,725.6	7	Saudi Arabia	2,952.3	7	EU-28	3,991.8	7	Russian Federation	5,078.4
8	EU-28	5,463.7	8	India	1,659.3	8	Taiwan, Province of China	2,581.5	8	Saudi Arabia	3,474.0	8	Saudi Arabia	5,029.0
9	Saudi Arabia	5,380.6	9	Japan	1,324.0	9	Russian Federation	2,412.6	9	Taiwan, Province of China	2,681.3	9	Iraq	3,163.1
10	Kuwait	4,395.5	10	Saudi Arabia	1,055.9	10	Japan	1,710.6	10	United States	2,609.9	10	Taiwan, Province of China	2,775.5
Top Ten		124,519.2	Top Ten		48,679.0	Top Ten		63,437.6	Top Ten		87,316.9	Top Ten		107,087.2
Others		20,286.7	Others		38,610.3	Others		7,624.9	Others		11,994.3	Others		11,701.6
Total		144,805.9	Total		87,289.3	Total		71,062.5	Total		99,311.2	Total		118,788.7

Sources:
ASEAN Secretariat
Petroleum products: SITC 334

Table 13.10. Forest Areas as Percentage of Total Areas in ASEAN, 2000, 2010 and 2017

Country	Total Forest Area (000 Ha)			Forest Areas as Percentage of Total Areas (%)			
	2000	2010	2017	2000	2010	2017	Annual Change 2000-2017
Brunei Darussalam	397.0	380.0	380.0	75.3	72.1	72.1	-0.3
Cambodia	11,546.0	10,094.0	9,457.0	65.4	57.2	53.6	-1.2
Indonesia	99,409.0	94,432.0	91,010.0	54.9	52.1	50.2	-0.5
Lao PDR	16,526.0	17,815.6	18,761.4	71.6	77.2	81.3	0.7
Malaysia	21,591.0	22,124.0	22,195.0	65.7	67.3	67.6	0.2
Myanmar	34,868.0	31,773.0	29,041.0	53.4	48.6	44.5	-1.1
Philippines	7,027.0	6,840.0	8,040.0	23.6	22.9	27.0	0.8
Singapore	16.4	16.4	16.4	24.4	24.4	23.1	-0.3
Thailand	17,011.0	16,249.0	16,399.0	33.3	31.8	32.1	-0.2
Viet Nam	11,727.0	14,128.0	14,773.0	37.7	45.4	47.6	1.4
ASEAN	220,118.3	213,851.9	210,072.8				

Source:
FAO Statistics Division 2019; <http://faostat.fao.org>

Table 13.11. Terrestrial Protected Areas in ASEAN, 1990, 2000 and 2017

Country	Protected area (% of total land area)		
	1990	2000	2017
Brunei Darussalam	36.9	44.1	46.9
Cambodia	0.0	23.1	26.0
Indonesia	10.1	13.6	12.2
Lao PDR	1.5	16.6	16.7
Malaysia	17.2	18.2	19.1
Myanmar	3.0	3.7	6.4
Philippines	8.7	10.8	15.3
Singapore	5.4	5.6	5.6
Thailand	11.9	16.8	18.8
Viet Nam	4.6	6.1	7.6

Source:
World Bank - World Development Indicators

Note:
Terrestrial protected areas are totally or partially protected areas of at least 1,000 hectares that are designated by national authorities as scientific reserves with limited public access, national parks, nature reserves or wildlife sanctuaries, etc. Marine areas, unclassified areas, littoral (intertidal) areas, and sites protected under local or provincial law are excluded.

Table 13.12. Access to Cellular/ Mobile Phones in ASEAN, 2009-2018

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN ¹⁾
Cellular/Mobile Phone Density (per 100 persons)	2009	112.2	45.1	67.1	52.9	107.9	1.2	82.0	137.5	98.6	127.8	87.4
	2010	112.5	73.7	88.1	64.6	119.2	1.6	90.0	143.6	106.6	129.6	87.5
	2011	112.7	108.0	102.5	87.2	127.0	2.4	98.1	149.6	114.6	144.9	96.7
	2012	117.5	129.6	114.9	66.0	140.0	7.4	104.5	151.9	125.2	148.3	111.7
	2013	115.4	135.4	125.9	69.1	143.6	13.3	103.5	156.3	137.5	137.9	116.7
	2014	113.1	132.7	126.5	67.8	148.5	51.6	110.0	146.9	141.4	150.1	123.4
	2015	108.1	133.0	132.6	53.1	143.9	75.7	115.8	146.5	152.7	128.8	126.6
	2016	120.7	124.9	149.1	55.4	141.2	89.3	109.2	146.9	172.6	128.0	135.1
	2017	127.0	118.2	173.8	54.1	131.2	106.2	110.4	148.2	176.0	128.1	147.3
	2018	131.9	119.5	119.8	51.9	134.5	113.8	110.4	145.7	180.2	147.2	128.3

Sources:
Compiled based on AMCs' data submission, statistical yearbooks, and national statistical offices' websites; and ITU Database 2019

Note:
1) some country data are not available to compute ASEAN figures is computed based on country figures.

Table 13.13. Access to Internet Services in ASEAN, 2009-2018

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN ¹⁾
Internet Subscribers/Users per 100 Persons	2009	46.0	1.5	8.7	6.0	55.9	0.1	3.9	47.8	20.1	24.1	14.4
	2010	49.0	1.3	10.9	7.0	56.3	0.1	4.6	48.9	22.4	34.5	18.7
	2011	53.0	3.1	12.3	9.0	61.0	1.0	29.0	71.0	23.7	41.9	22.3
	2012	56.0	4.9	14.5	10.7	65.8 ²⁾	4.0	36.2	72.0	26.5	39.5	24.6
	2013	64.5	6.8	14.9	12.5	67.0	8.0	37.0	81.0	28.9	43.9	26.1
	2014	68.8	9.0	17.1	14.3	67.5	11.5	39.7	82.0	34.9	48.3	28.9
	2015	71.2	19.0	22.0	18.2	71.1	21.7	53.7	79.0	39.3	43.5	35.0
	2016	75.0	25.6	25.4	21.9	78.8	25.1	55.5	81.0	47.5	46.5	38.8
	2017	90.0	32.4	32.3	30.0	80.1	30.7	60.1	84.4	52.9	46.5	48.5
2018	94.6	40.0	39.8	35.4	81.2	33.1	73.1	88.2	56.8	70.4	53.4	

Sources:
Compiled based on AMSs' data submission for Statistical Yearbook; country websites; and ASEAN Connect website; ITU Database as of 2019

Notes:
1) some country data are not available to compute ASEAN figures is computed based on country figures.
2) Malaysia data 2012 using Broadband Internet Subscribers

Chart 13.2. Trend in Cellular/Mobile Phone Density per 100 Persons in ASEAN, 2009-2018

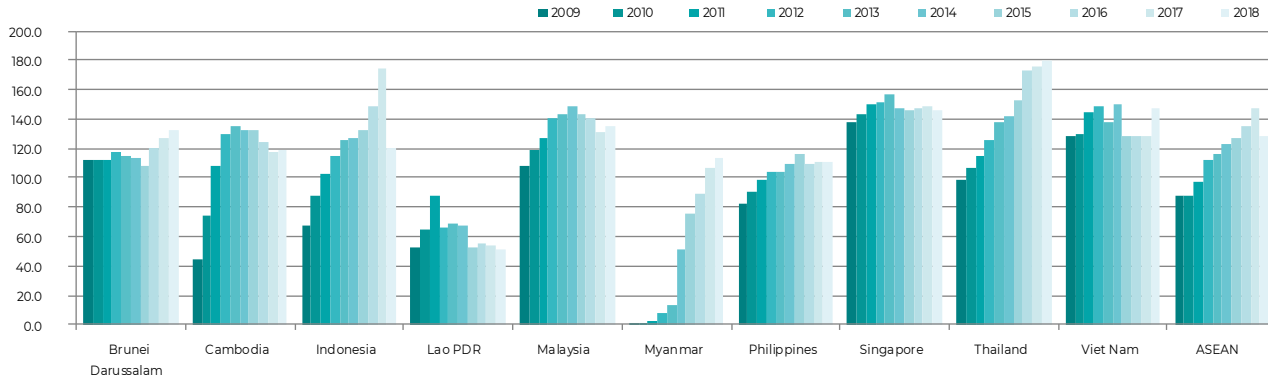
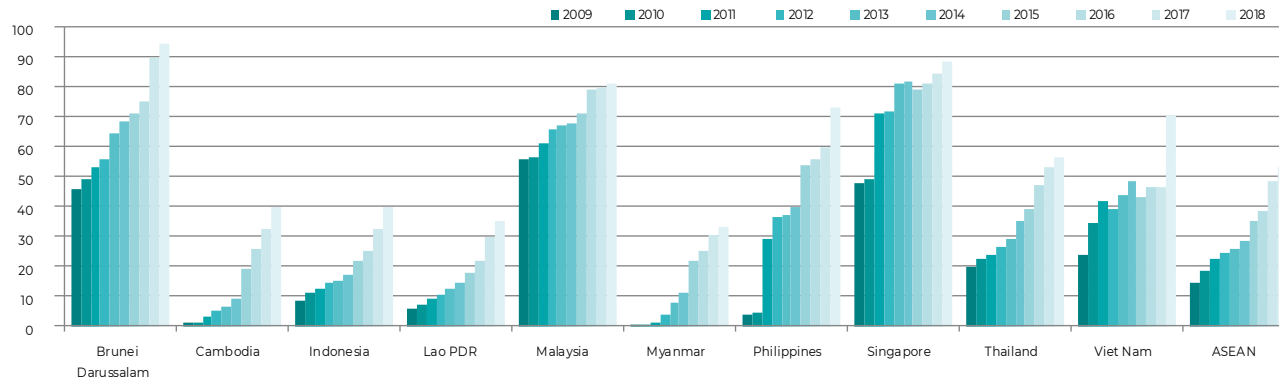


Chart 13.3. Trend in Internet Services Density per 100 Persons in ASEAN, 2009-2018





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