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ASEAN STATISTICAL YEARBOOK 2022

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

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FOREWORD

High quality and up-to-date data is essential to ASEAN's community-building efforts, particularly in identifying gaps, forecasting needs, as well as informing effective policy responses to both existing and emerging challenges the region faces.

In its 18th iteration, the *ASEAN Statistical Yearbook* offers a detailed overview of the key socio-economic trends among our ten Member States, including on population, education and health, economic growth, inflation, employment, trade in goods and services, foreign direct investment, transport, tourism, agriculture, as well as manufacturing.

This publication, which presents data series for the period of 2012-2021, was a collaborative effort between the Statistics Division of the ASEAN Secretariat (ASEANstats) and the ASEAN Member States' National Statistical Offices under the ASEAN Community Statistical System (ACSS) to harmonise and enhance statistical data across the region.

I trust that this publication will be of relevant use in our collective pursuit towards achieving the ASEAN Community Vision 2025.



DATO LIM JOCK HOI

Secretary-General of ASEAN
Jakarta, December 2022

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Chapter 1

POPULATION

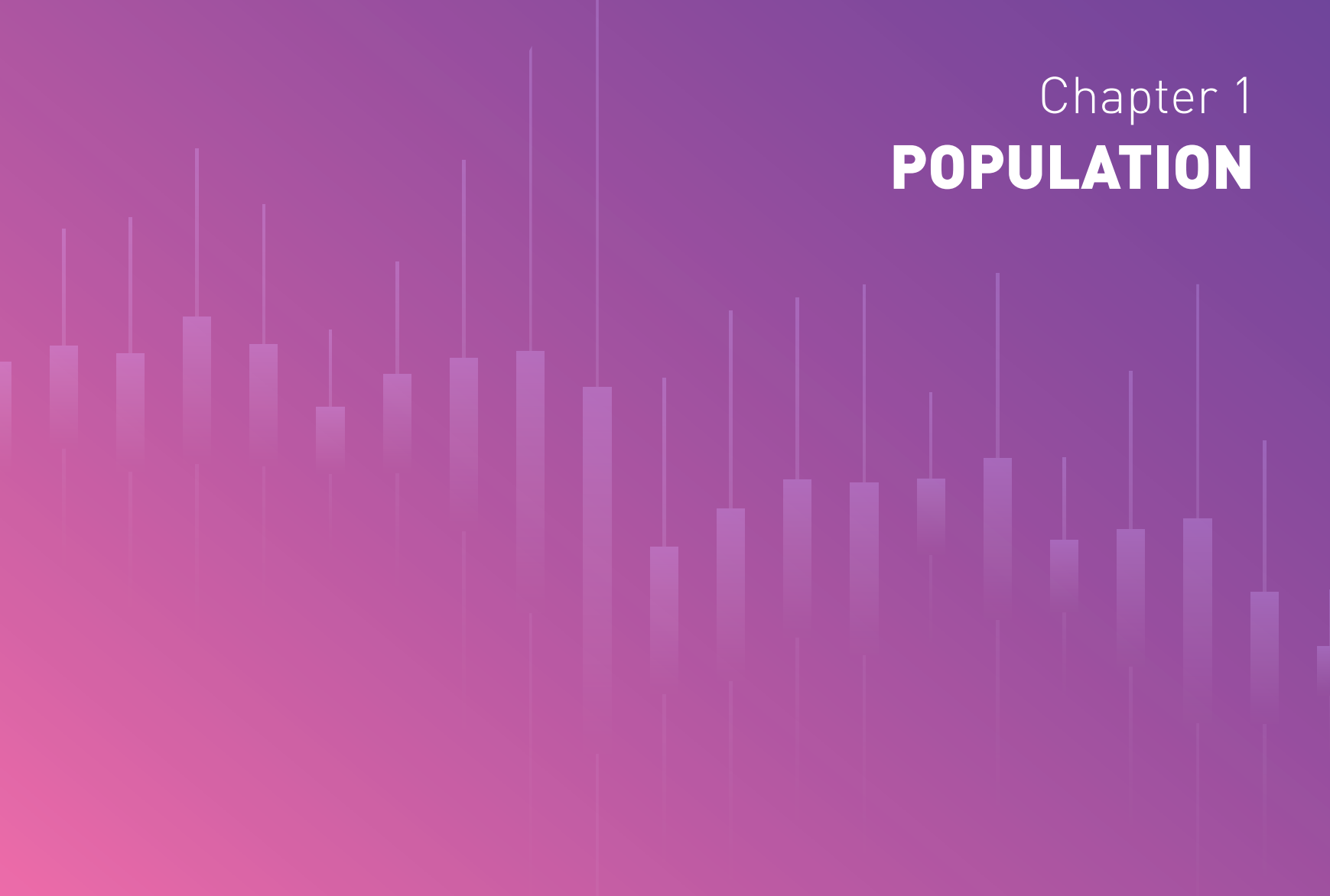


Table 1.1. Number of Mid Year Population¹⁾ in ASEAN, 2012-2021

(in thousand)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	399.8	406.2	411.9	412.4	417.3	421.3	442.4	459.5	453.6	430.0
Cambodia	14,741.4	14,676.6	14,932.3	15,191.7	15,453.9	15,717.7	15,981.8	16,078.7	16,338.1	16,592.1
Indonesia	245,425.2	248,818.1	252,164.8	255,587.9	258,496.5	261,355.5	264,161.7	266,911.9	270,203.9	272,248.4
Lao PDR	6,514.4	6,644.0	6,809.1	6,671.7	6,787.0	6,900.8	7,013.0	7,123.2	7,261.2	7,337.8
Malaysia	29,510.0	30,213.7	30,708.5	31,186.1	31,633.5	32,022.5	32,382.2	32,523.0	32,447.4	32,576.3
Myanmar	50,667.0	51,184.0	51,991.0	52,450.0	52,917.0	53,388.0	53,863.0	54,340.0	54,817.9	55,295.0
Philippines	96,510.9	98,196.5	99,880.3	101,562.3	103,242.9	104,921.4	105,755.2	107,288.2	108,667.0	110,198.0
Singapore	5,312.4	5,399.2	5,469.7	5,535.0	5,607.3	5,612.3	5,638.7	5,703.6	5,685.8	5,453.6
Thailand	66,491.7	66,754.6	67,002.6	67,236.0	67,454.7	67,653.2	67,831.6	65,557.1	65,421.1	65,213.0
Viet Nam	89,202.9	90,191.4	91,203.8	92,228.6	93,250.7	94,286.0	95,385.2	96,484.0	97,582.7	98,506.2
Total	604,775.8	612,484.3	620,574.0	628,061.7	635,260.8	642,278.6	648,454.7	652,469.0	658,878.8	663,850.3

Source:
ASEAN SecretariatNote:
1) National estimation

Table 1.2. Population Growth in ASEAN, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	1.6	1.6	1.4	0.1	1.2	1.0	5.0	3.9	-1.3	-5.2
Cambodia	1.5	-0.4	1.7	1.7	1.7	1.7	1.7	0.6	1.6	1.6
Indonesia	1.4	1.4	1.3	1.4	1.1	1.1	1.1	1.0	1.2	0.8
Lao PDR	2.0	2.0	2.5	-2.0	1.7	1.7	1.6	1.6	1.9	1.1
Malaysia	1.5	2.4	1.6	1.6	1.4	1.2	1.1	0.4	-0.2	0.4
Myanmar	1.0	1.0	1.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Philippines	1.8	1.7	1.7	1.7	1.7	1.6	0.8	1.4	1.3	1.4
Singapore	2.5	1.6	1.3	1.2	1.3	0.1	0.5	1.2	-0.3	-4.1
Thailand	0.4	0.4	0.4	0.3	0.3	0.3	0.3	-3.4	-0.2	-0.3
Viet Nam	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	0.9
ASEAN	1.3	1.3	1.3	1.2	1.1	1.1	1.0	0.6	1.0	0.8

Source:
ASEAN Secretariat

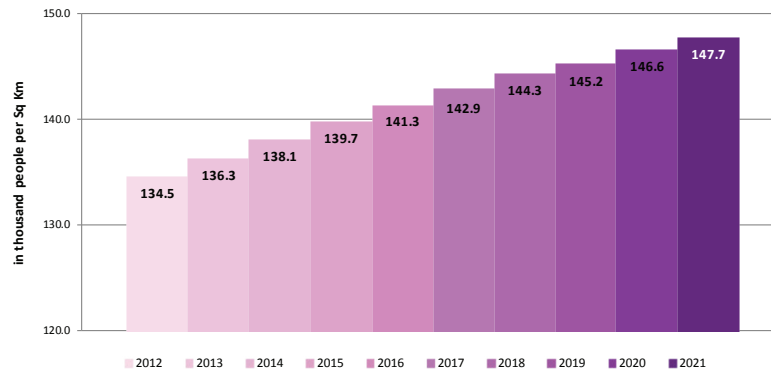
Table 1.3. Population Density¹⁾ in ASEAN, 2012-2021

Country	Total Area (Sq. Km)	Population Density (per Sq. Km)										Rank of Pop. Density in 2021
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Brunei Darussalam	5,765.0	69.3	70.5	71.4	71.5	72.4	73.1	76.7	79.7	78.7	74.6	9
Cambodia	181,035.0	81.4	81.1	82.5	83.9	85.4	86.8	88.3	88.8	90.2	91.7	7
Indonesia	1,919,440.0	127.9	129.6	131.4	133.2	134.7	136.2	137.6	139.1	140.8	141.8	4
Lao PDR	236,800.0	27.5	28.1	28.8	28.2	28.7	29.1	29.6	30.1	30.7	31.0	10
Malaysia	330,155.0	89.4	91.5	93.0	94.5	95.8	97.0	98.1	98.5	98.3	98.7	6
Myanmar	676,577.2	74.9	75.7	76.8	77.5	78.2	78.9	79.6	80.3	81.0	81.7	8
Philippines	300,000.0	321.7	327.3	332.9	338.5	344.1	349.7	352.5	357.6	362.2	367.3	2
Singapore	728.6	7,291.3	7,410.3	7,507.2	7,596.8	7,696.0	7,702.8	7,739.1	7,828.1	7,803.7	7,485.0	1
Thailand	513,139.5	129.6	130.1	130.6	131.0	131.5	131.8	132.2	127.8	127.5	127.1	5
Viet Nam	331,344.3	269.2	272.2	275.3	278.3	281.4	284.6	287.9	291.2	294.5	297.3	3
ASEAN	4,494,984.7	134.5	136.3	138.1	139.7	141.3	142.9	144.3	145.2	146.6	147.7	-

Source:
ASEAN Secretariat

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

Chart 1.1. Population Density in ASEAN, 2012-2021



Source: ASEAN Secretariat

Table 1.4. Population in ASEAN by Sex, 2021

Country	Number ('000)			Percentage			Sex Ratio
	Male	Female	Total	Male	Female	Total	
Brunei Darussalam	226.1	203.9	430.0	52.6	47.4	100.0	110.9
Cambodia	8,093.5	8,498.6	16,592.1	48.8	51.2	100.0	95.2
Indonesia	136,623.4	135,625.0	272,248.4	50.2	49.8	100.0	100.7
Lao PDR	3,676.2	3,661.6	7,337.8	50.1	49.9	100.0	100.4
Malaysia	17,000.5	15,575.8	32,576.3	52.2	47.8	100.0	109.1
Myanmar	26,457.0	28,838.0	55,295.0	47.8	52.2	100.0	91.7
Philippines	55,641.0	54,557.0	110,198.0	50.5	49.5	100.0	102.0
Singapore ¹⁾	1,953.1	2,033.7	3,986.8	49.0	51.0	100.0	96.0
Thailand	31,851.9	33,361.1	65,213.0	48.8	51.2	100.0	95.5
Viet Nam	49,097.1	49,409.1	98,506.2	49.8	50.2	100.0	99.4
ASEAN²⁾	330,619.7	331,763.8	662,383.5	49.9	50.1	100.0	99.7

Source:
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
2) Total ASEAN exclude Singapore's non-resident population

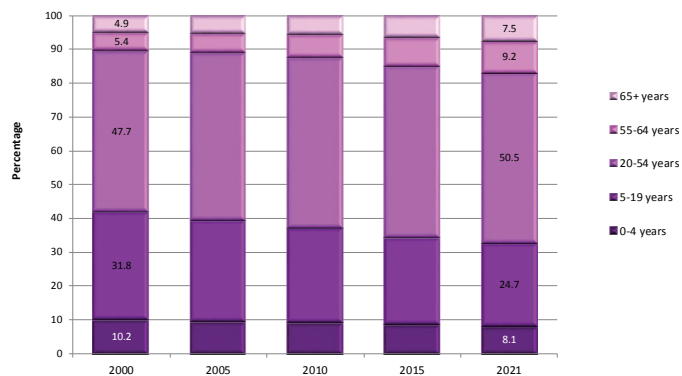
Table 1.5. Population in ASEAN by Age Group, 2021

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	26.7	94.2	245.5	36.3	27.3	430.0	6.2	21.9	57.1	8.4	6.4	100.0
Cambodia	1,547.1	4,770.3	8,020.9	1,232.7	1,021.1	16,592.1	9.3	28.8	48.3	7.4	6.2	100.0
Indonesia	21,891.9	66,217.0	140,401.5	24,672.6	19,065.6	272,248.6	8.0	24.3	51.6	9.1	7.0	100.0
Lao PDR	761.3	2,237.0	3,561.8	443.3	334.4	7,337.8	10.4	30.5	48.5	6.0	4.6	100.0
Malaysia	2,445.6	8,040.3	17,131.0	2,669.5	2,290.1	32,576.5	7.5	24.7	52.6	8.2	7.0	100.0
Myanmar	4,991.4	14,823.1	26,985.1	4,739.0	3,756.4	55,295.0	9.0	26.8	48.8	8.6	6.8	100.0
Philippines	11,091.0	32,300.0	52,584.0	7,834.0	6,390.0	110,199.0	10.1	29.3	47.7	7.1	5.8	100.0
Singapore ¹⁾	178.4	603.7	1,984.9	580.8	639.0	3,986.8	4.5	15.1	49.8	14.6	16.0	100.0
Thailand	3,474.1	11,600.7	33,207.9	8,893.9	8,036.3	65,213.0	5.3	17.8	50.9	13.6	12.3	100.0
Viet Nam	7,488.6	22,915.6	50,142.0	9,808.6	8,151.4	98,506.2	7.6	23.3	50.9	10.0	8.3	100.0
ASEAN²⁾	53,896.2	163,601.8	334,264.5	60,910.7	49,711.7	662,384.9	8.1	24.7	50.5	9.2	7.5	100.0

Source:
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
2) Total ASEAN excludes Singapore's non-resident population

Chart 1.2. ASEAN Population Structure, 2000-2021



Source: ASEAN Secretariat

Table 1.6. Urban Population in ASEAN, 2012–2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	75.7	76.0	76.3	76.7	77.0	77.3	77.6	77.9	78.3	78.6
Cambodia	21.5	22.0	22.5	23.0	23.5	24.0	24.5	39.4	39.1	39.3
Indonesia	51.3	52.0	52.6	53.3	54.0	54.7	55.3	56.0	56.6	57.3
Lao PDR	31.3	31.9	32.5	33.1	33.7	34.4	35.0	35.6	36.3	36.9
Malaysia	72.4	73.0	73.6	74.3	74.8	75.2	75.6	76.2	75.1	77.7
Myanmar	30.8	30.8	29.2	29.3	29.4	29.5	30.0	30.0	29.9	30.1
Philippines	45.7	45.9	46.1	46.3	46.5	46.7	46.9	47.1	47.4	47.7
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	45.4	46.2	46.9	47.7	48.4	49.2	49.9	50.7	51.4	52.2
Viet Nam	31.7	32.0	33.2	33.5	33.7	33.9	34.2	35.0	36.8	37.1
ASEAN ¹⁾	45.7	46.2	46.7	47.2	47.6	48.1	48.6	49.5	50.1	50.7

Source:
ASEAN Secretariat
World Bank - World Development Indicators for Brunei Darussalam, Indonesia, Lao PDR, Philippines, and Thailand

Note:
1) ASEAN figures are estimated based on AMS figures

Chapter 2

EDUCATION & HEALTH

Table 2.1. Adult Literacy Rate¹⁾ in ASEAN by Sex, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Total											
Brunei Darussalam	96.8	97.2	96.5	96.6	96.9	97.0	97.1	97.2	97.3	-	
Cambodia	79.7	80.7	78.1	80.5	84.4	82.5	82.5	81.9	-	-	
Indonesia	93.0	93.9	95.1	95.2	95.4	95.5	95.7	95.9	96.0	96.0	
Lao PDR	-	-	-	84.7	-	70.4	-	-	-	-	95.2
Malaysia	94.0	94.0	94.5	94.2	94.9	95.1	94.9	95.0	95.5	-	
Myanmar	89.4	89.4	89.5	89.6	-	88.9	-	89.1	-	-	
Philippines	-	96.4	-	-	-	-	-	96.3	-	-	
Singapore	96.4	96.6	96.7	96.8	97.0	97.2	97.3	97.5	97.1	97.6	
Thailand	-	93.7	-	92.9	-	-	93.8	-	-	-	
Viet Nam	94.7	94.8	94.7	94.9	95.0	95.1	94.8	95.8	95.4	95.7	
Male											
Brunei Darussalam	97.8	98.1	97.7	97.8	98.0	98.0	98.1	98.2	98.2	-	
Cambodia	86.9	87.7	84.8	86.5	90.0	87.3	87.3	87.2	-	-	
Indonesia	95.7	96.5	96.8	97.1	97.2	97.2	97.3	97.5	97.5	97.4	
Lao PDR	-	-	-	90.0	-	78.0	-	-	-	-	95.7
Malaysia	95.9	95.9	96.2	95.8	96.3	96.5	96.1	96.2	96.6	-	
Myanmar	92.5	92.5	92.6	92.7	-	92.8	-	92.4	-	-	
Philippines	-	96.0	-	-	-	-	-	95.7	-	-	
Singapore	98.5	98.5	98.6	98.6	98.7	98.8	98.9	98.9	98.5	98.9	
Thailand	-	95.3	-	94.7	-	-	95.2	-	-	-	
Viet Nam	96.6	96.6	96.4	96.6	96.6	96.7	96.5	97.0	96.7	96.9	
Female											
Brunei Darussalam	95.8	96.3	95.3	95.3	95.7	95.9	96.0	96.1	96.2	-	
Cambodia	73.2	74.4	71.8	75.0	79.3	78.1	78.1	77.1	-	-	
Indonesia	90.3	91.4	93.5	93.3	93.6	93.8	94.0	94.3	94.6	94.7	
Lao PDR	-	-	-	79.4	-	62.9	-	-	-	-	94.8
Malaysia	92.0	92.0	92.7	92.6	93.4	93.6	93.5	93.6	94.3	-	
Myanmar	86.7	86.8	86.9	87.0	-	85.6	-	86.3	-	-	
Philippines	-	96.8	-	-	-	-	-	96.9	-	-	
Singapore	94.4	94.7	94.9	95.2	95.4	95.7	95.9	96.1	95.8	96.4	
Thailand	-	92.2	-	91.2	-	-	92.4	-	-	-	
Viet Nam	92.9	93.1	93.0	93.3	93.5	93.6	93.2	94.6	94.1	94.5	

Source:
ASEAN Secretariat

Note:

1) Adult Literacy Rate refers to population aged 15 years and above while for Brunei Darussalam refer to aged 10 years and above

“-” not available at the time of publication

Table 2.2. Net Enrolment Ratio in Primary School in ASEAN by Sex¹⁾, 2012–2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total										
Brunei Darussalam	92.7	93.5	92.5	92.5	93.8	93.5	93.2	-	-	-
Cambodia	97.9	95.6	94.5	93.9	93.5	92.6	92.4	91.0	86.7	86.8
Indonesia	92.5	95.6	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.8
Lao PDR	95.2	96.8	98.0	98.5	98.8	98.7	98.8	98.9	98.8	98.8
Malaysia	97.7	98.8	98.4	95.9	96.1	96.7	96.6	96.8	96.8	-
Myanmar	86.4	86.8	86.9	94.5	95.1	96.9	97.0	97.0	95.1	-
Philippines	97.3	97.2	97.2	96.9	96.2	94.2	94.1	94.0	89.1	89.8
Singapore ²⁾	-	-	-	-	100.0	100.0	99.8	99.9	99.9	-
Thailand	-	-	-	-	-	-	99.4	99.9	99.9	99.9
Viet Nam	96.5	96.6	96.8	97.2	98.0	98.0	97.3	98.0	98.4	98.6
Male										
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	98.0	95.4	94.1	93.3	93.2	92.4	92.0	91.2	84.5	85.8
Indonesia	92.6	95.7	96.6	96.5	97.0	97.3	97.8	97.6	97.7	97.8
Lao PDR	96.0	97.5	98.4	98.8	99.0	98.8	99.1	99.0	98.9	98.9
Malaysia	97.5	98.7	98.7	95.5	95.3	96.0	95.9	96.4	96.3	-
Myanmar	-	-	-	94.7	95.5	99.1	96.6	96.8	96.5	-
Philippines	96.5	96.7	96.9	96.7	96.2	94.1	94.3	93.8	88.9	89.6
Singapore ²⁾	-	-	-	-	100.0	99.9	99.7	99.8	99.8	-
Thailand	-	-	-	-	-	-	99.9	99.9	100.0	99.9
Viet Nam	-	-	-	-	-	-	-	-	-	-
Female										
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	97.7	95.8	94.9	94.7	93.9	92.9	92.8	91.4	89.8	87.9
Indonesia	92.5	95.5	96.3	96.9	96.7	97.0	97.4	97.7	97.7	97.8
Lao PDR	94.3	96.0	97.6	98.3	98.5	98.6	98.6	98.7	98.6	98.6
Malaysia	97.9	98.9	98.0	96.4	97.0	97.4	97.4	97.3	97.4	-
Myanmar	-	-	-	94.3	94.7	94.7	97.4	97.2	93.6	-
Philippines	98.1	97.7	97.5	97.2	96.1	94.3	93.9	94.2	89.3	90.0
Singapore ²⁾	-	-	-	-	100.0	100.0	99.9	100.0	100.0	-
Thailand	-	-	-	-	-	-	98.9	99.7	99.7	99.9
Viet Nam	-	-	-	-	-	-	-	-	-	-

Source:
ASEAN Secretariat

Notes:

- 1) The disaggregated data by sex is not available for Brunei Darussalam and Viet Nam
 - 2) The data for Singapore refer to Total Net Enrolment Rate in Primary School
- ‘-’ not available at the time of publication

Table 2.3. Net Enrolment Ratio in Secondary School in ASEAN by Sex¹⁾, 2012–2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Total											
Brunei Darussalam	93.4	91.4	87.5	85.1	83.8	84.1	82.7	-	-	-	
Cambodia	35.3	34.7	34.8	35.7	37.1	40.0	41.9	34.4	49.7	-	
Indonesia	70.6	71.6	76.6	77.2	77.6	78.7	78.8	79.4	80.1	80.6	
Lao PDR	-	-	-	-	-	-	-	-	-	-	63.6
Malaysia	67.7	67.5	68.0	67.3	67.3	69.2	69.2	69.3	69.7	-	
Myanmar	40.9	40.5	44.0	45.8	47.5	54.0	57.8	63.0	62.6	-	
Philippines	-	-	-	-	75.3	75.9	79.9	83.3	82.0	86.4	
Singapore	-	-	-	-	-	-	-	-	-	-	
Thailand	-	-	-	-	-	-	76.4	73.2	77.3	79.2	
Viet Nam	-	-	-	-	-	-	-	-	-	-	
Male											
Brunei Darussalam	92.5	89.8	86.2	83.3	82.2	82.6	81.3	-	-	-	
Cambodia	34.6	33.6	33.2	33.5	34.2	37.4	38.3	36.8	45.2	-	
Indonesia	69.8	70.6	75.6	75.6	75.7	77.7	77.9	78.0	79.0	80.5	
Lao PDR	-	-	-	-	-	-	-	-	-	-	64.0
Malaysia	65.3	64.8	65.0	63.6	64.3	68.0	67.4	68.8	67.9	-	
Myanmar	-	-	-	43.7	44.7	51.1	54.6	60.3	60.5	-	
Philippines	-	-	-	-	70.0	70.9	75.4	79.2	77.8	82.7	
Singapore	-	-	-	-	-	-	-	-	-	-	
Thailand	-	-	-	-	-	-	72.9	68.9	73.5	72.3	
Viet Nam	-	-	-	-	-	-	-	-	-	-	
Female											
Brunei Darussalam	94.2	93.2	88.8	87.0	85.5	85.6	84.1	-	-	-	
Cambodia	36.1	35.8	36.5	38.0	40.1	42.7	45.7	39.2	54.5	-	
Indonesia	71.5	72.8	77.7	79.0	79.6	79.7	79.9	80.8	80.2	80.7	
Lao PDR	-	-	-	-	-	-	-	-	-	-	63.2
Malaysia	70.2	70.3	71.2	69.3	69.6	69.5	69.3	69.9	69.6	-	
Myanmar	-	-	-	47.9	50.4	57.1	61.0	65.7	64.8	-	
Philippines	-	-	-	-	81.1	81.3	84.7	87.6	86.4	90.3	
Singapore	-	-	-	-	-	-	-	-	-	-	
Thailand	-	-	-	-	-	-	79.9	77.6	81.3	86.1	
Viet Nam	-	-	-	-	-	-	-	-	-	-	

Source:
ASEAN Secretariat

Note:

1) The indicator is no longer applicable for Singapore and Viet Nam. Hence, no data available for both countries
 -/- not available at the time of publication

Table 2.4. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Primary School											
Brunei Darussalam	0.94	0.95	0.95	0.94	0.95	0.94	0.94	0.94	0.94	0.94	0.94
Cambodia	0.89	0.92	0.93	0.94	0.93	0.93	0.92	0.92	0.92	0.92	0.96
Indonesia	-	-	-	0.92	-	-	-	-	-	-	-
Lao PDR	0.91	0.91	0.92	0.92	0.92	0.93	0.93	1.07	0.93	0.93	0.94
Malaysia	1.00	1.00	1.00	1.01	1.00	1.00	1.00	1.00	1.00	1.00	-
Myanmar	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.95	0.95	0.95	-
Philippines	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Singapore ¹⁾	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
Thailand	-	-	-	-	-	-	0.94	0.94	0.94	0.94	0.94
Viet Nam	0.92	0.98	0.92	0.92	0.92	0.92	0.92	0.91	-	-	-
Secondary School											
Brunei Darussalam	0.94	0.95	0.93	0.94	0.95	0.93	0.93	0.94	0.93	0.93	0.93
Cambodia	0.91	0.96	1.00	1.03	1.07	1.09	1.11	1.14	1.16	1.16	1.14
Indonesia	-	-	-	0.96	-	-	-	-	-	-	-
Lao PDR	0.84	0.86	0.88	0.89	0.90	0.90	0.91	1.09	0.95	0.90	0.90
Malaysia	1.06	1.07	1.07	1.08	1.06	1.07	1.06	1.05	1.10	-	-
Myanmar	1.04	1.06	1.07	1.08	1.10	1.09	1.07	1.08	1.05	-	-
Philippines	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Singapore ¹⁾	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	-	-
Thailand	-	-	-	-	-	-	1.06	1.06	1.05	1.07	1.07
Viet Nam	0.94	0.95	0.95	0.95	0.95	0.95	0.94	0.94	-	-	-

Source:
ASEAN Secretariat

Note:
1) Data for Singapore refer to Gender Parity Index
-/- not available at the time of publication

Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Primary School										
Brunei Darussalam	10.6	10.3	10.3	10.0	10.2	10.2	9.9	9.8	9.3	9.9
Cambodia	48.5	46.2	45.4	44.8	43.8	44.0	44.5	45.1	44.8	45.1
Indonesia	19.7	17.5	17.2	-	14.0	17.2	15.7	16.0	16.0	15.0
Lao PDR	25.7	-	-	24.2	23.0	-	-	-	-	22.3
Malaysia	11.9	-	-	11.5	11.6	11.6	11.9	12.0	-	-
Myanmar	28.0	28.0	28.0	26.0	22.0	23.0	20.0	20.0	21.0	-
Philippines	39.8	37.6	36.2	33.2	32.2	30.9	29.1	27.8	26.6	-
Singapore	17.7	16.5	16.5	16.0	15.1	14.7	14.3	14.2	13.9	-
Thailand	-	-	-	16.9	-	-	16.0	15.0	14.0	14.0
Viet Nam	18.9	19.2	19.2	19.6	19.6	20.3	21.8	22.9	23.1	-
Secondary School										
Brunei Darussalam	8.7	8.1	9.3	9.0	8.8	9.0	8.5	7.2	6.7	7.1
Cambodia	21.6	20.4	20.2	20.2	20.9	21.9	21.9	22.2	22.6	23.3
Indonesia	18.5	17.3	16.3	-	14.1	16.1	15.2	15.2	15.5	14.0
Lao PDR	13.3	-	-	18.7	18.3	-	-	-	-	16.6
Malaysia	12.9	-	-	12.0	12.8	11.8	11.3	11.0	-	-
Myanmar	31.0	32.0	33.0	30.0	27.0	27.0	28.0	26.0	27.0	-
Philippines	33.2	28.6	27.0	24.7	26.1	26.1	25.5	25.3	24.4	-
Singapore	13.9	13.2	12.5	12.2	11.7	11.5	11.3	11.3	11.5	-
Thailand	-	-	-	28.2	-	-	19.0	17.0	19.0	19.0
Viet Nam	15.5	15.6	16.3	16.4	16.8	17.6	18.6	19.7	20.6	-

Source:
ASEAN Secretariat

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

Table 2.6. Crude Birth Rate (CBR) and Crude Death Rate (CDR) in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Crude Birth Rate (CBR)¹⁾										
Brunei Darussalam	17.3	16.6	16.9	16.2	15.4	15.0	14.0	13.4	14.3	-
Cambodia	25.9	26	24.3	24.1	23.8	23.4	23.0	37.7	21.9	21.3
Indonesia	20.3	20	19.5	17.7	17.4	17.2	16.9	16.7	16.4	16.3
Lao PDR	28.1	27	26.6	26.3	23.9	24.0	23.3	22.7	21.2	21.5
Malaysia	17.8	16.7	17.2	16.7	16.1	15.9	15.5	15.0	14.5	13.5
Myanmar	18.6	18.4	20.6	20.4	20.2	19.9	19.7	19.5	19.3	-
Philippines	18.6	17.9	17.5	17.2	16.8	16.2	15.8	15.6	14.1	12.4
Singapore	10.1	9.3	9.8	9.7	9.4	8.9	8.8	8.8	8.5	8.6
Thailand	12.5	10.2	-	10.5	10.2	10.1	9.6	9.1	8.7	-
Viet Nam	16.9	17.0	17.2	16.2	16.0	14.9	14.6	16.3	16.3	15.7
Crude Death Rate (CDR)²⁾										
Brunei Darussalam	3.0	3.5	3.6	3.8	3.9	3.9	3.6	3.8	3.9	-
Cambodia	7.4	7.4	7.2	7.0	6.8	6.7	6.5	6.6	6.1	5.9
Indonesia	6.4	6.3	6.3	5.7	5.8	8.8	5.9	6.0	6.1	6.2
Lao PDR	7.4	7.0	6.3	6.6	6.7	7.5	7.4	7.2	7.0	6.9
Malaysia	4.7	4.7	4.9	5.0	5.1	5.3	5.3	5.3	5.1	6.9
Myanmar	7.7	7.6	9.5	9.3	9.1	8.9	8.7	8.6	8.5	-
Philippines	5.3	5.4	5.5	5.5	5.6	5.5	5.6	5.8	5.6	8.0
Singapore	4.5	4.6	4.7	4.8	4.8	5.0	5.0	5.0	5.2	5.8
Thailand	6.5	7.7	-	8.0	7.2	7.0	7.1	7.5	7.5	-
Viet Nam	7.0	7.1	6.9	6.8	6.8	6.8	6.8	6.3	6.1	6.4

Source:
ASEAN Secretariat

Notes:
1) CBR refers to number of live births per 1000 mid-year total population while for Singapore is per 1000 resident
2) CDR refers to number of deaths per 1000 mid-year total population while for Singapore is per 1000 resident
- - not available at the time of publication

Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Infant Mortality Rate (IMR)¹⁾										
Brunei Darussalam	9.3	7.8	7.3	8.8	8.2	9.5	8.9	8.4	8.3	-
Cambodia	-	36.3	28.0	32.2	30.1	28.0	26.0	18.0	18.9	12.0
Indonesia	27.9	27.2	26.6	20.2	19.6	19.1	18.6	18.1	17.6	17.2
Lao PDR	51.5	48.9	46.5	57.0	55.0	40.0	52.0	50.7	49.3	-
Malaysia	6.2	6.3	6.7	6.9	6.7	6.9	7.2	6.4	5.7	6.1
Myanmar	37.3	35.3	45.9	44.8	43.8	42.8	41.8	40.8	39.8	-
Philippines	-	23.0	-	-	-	21.0	-	-	-	-
Singapore	1.8	2.0	1.8	1.7	2.4	2.2	2.1	1.7	1.8	1.8
Thailand	6.8	6.4	6.5	6.2	6.4	5.9	6.0	5.6	5.1	-
Viet Nam	15.4	15.3	14.9	14.7	14.5	14.4	14.2	14.0	13.9	13.6
Under-5 mortality rate²⁾										
Brunei Darussalam	10.3	9.7	8.7	10.0	10.4	11.5	10.6	9.9	9.2	-
Cambodia	-	45.2	35.0	39.6	36.9	34.1	31.4	28.0	25.9	-
Indonesia	40.0	-	-	26.3	26.4	32.0	-	-	-	-
Lao PDR	68.4	62.7	58.7	58.7	73.8	71.7	69.4	67.2	65.1	-
Malaysia	7.6	7.9	8.3	8.4	8.1	8.4	8.8	7.7	6.9	7.4
Myanmar	44.7	43.0	66.5	65.3	64.0	62.6	60.2	59.7	-	-
Philippines	-	-	-	31.0	27.1	27.0	-	-	-	-
Singapore	2.7	2.6	2.5	2.6	2.7	2.8	2.6	2.3	2.1	2.1
Thailand	9.0	8.7	8.8	8.6	8.8	8.2	8.4	7.9	7.0	-
Viet Nam	23.2	23.1	22.4	22.1	21.8	21.5	21.4	21.0	22.3	20.5

Source:
ASEAN Secretariat

Notes:
1) IMR refers to number of infant deaths per 1000 live births
2) Under-5 mortality rate refers to number of under-5 babies death per 1000 live births
“-” not available at the time of publication

Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2012–2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Fertility Rate (TFR)¹⁾										
Brunei Darussalam	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.8	-
Cambodia	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4
Indonesia	2.4	2.4	2.4	2.2	2.2	2.1	2.1	2.1	2.1	2.1
Lao PDR	3.4	3.2	2.8	2.9	2.9	2.7	2.8	2.7	2.5	-
Malaysia	2.2	2.0	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7
Myanmar	2.2	2.2	2.5	2.5	2.5	2.4	2.4	2.4	-	-
Philippines	-	3.0	3.0	2.9	2.9	2.7	-	-	-	-
Singapore	1.3	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1
Thailand	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	-
Viet Nam	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1
Maternal Mortality Ratio (MMR)²⁾										
Brunei Darussalam	43.4	15.0	14.5	59.7	0.0	62.0	0.0	32.4	30.8	-
Cambodia	-	-	170.0	-	-	-	-	141.0	-	-
Indonesia	359.0	-	-	305.0	-	-	-	-	-	-
Lao PDR	357.0	-	-	-	196.0	185.0	72.0	70.0	-	62.0
Malaysia	23.2	21.4	22.3	23.8	29.1	25.0	23.5	21.1	24.9	68.2
Myanmar	146.0	143.0	209.0	236.0	203.0	202.0	208.0	206.0	204.0	-
Philippines	-	69.9	73.9	73.6	66.5	53.8	56.8	-	-	-
Singapore	2.3	2.5	2.4	7.1	4.8	0.0	10.2	2.5	0.0	2.6
Thailand	17.6	22.2	23.3	24.6	26.6	21.8	19.9	22.5	25.1	-
Viet Nam	-	-	-	-	-	-	-	46.0	-	-

Source:
ASEAN Secretariat

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

Table 2.9. Life Expectancy at Birth¹⁾ in ASEAN by Sex, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in years)
Total											
Brunei Darussalam	80.1	78.0	77.2	77.7	77.8	76.6	77.5	77.4	79.4	-	
Cambodia	65.9	66.7	67.6	68.3	69.1	69.9	70.6	75.5	72.0	72.7	
Indonesia	70.2	70.4	70.6	70.8	70.9	71.1	71.2	71.3	71.5	71.6	
Lao PDR	66.0	67.0	68.0	68.0	65.0	65.0	66.0	66.0	67.0	67.0	
Malaysia	74.4	74.5	74.5	74.6	74.4	74.4	74.6	74.8	75.1	75.6	
Myanmar	67.4	67.8	63.9	64.4	65.0	65.5	66.1	66.5	67.0	-	
Philippines	-	-	-	72.7	-	-	-	-	-	-	
Singapore	82.1	82.4	82.6	82.9	83.0	83.2	83.4	83.7	83.7	83.5	
Thailand	-	-	-	-	74.8	75.5	75.8	75.7	76.2	-	
Viet Nam	73.0	73.1	73.2	73.3	73.4	73.5	73.5	73.6	73.7	73.6	
Male											
Brunei Darussalam	78.9	77.7	75.8	77.8	76.9	74.8	76.4	76.4	78.0	-	
Cambodia	64.0	64.8	65.6	66.4	67.1	67.9	68.6	74.3	69.9	70.6	
Indonesia	68.3	68.5	68.9	68.9	69.0	69.2	69.3	69.4	69.6	69.7	
Lao PDR	-	65.0	66.0	66.0	63.0	64.0	64.0	65.0	65.0	65.0	
Malaysia	72.2	72.3	72.4	72.5	72.1	72.1	72.3	72.5	72.8	73.2	
Myanmar	65.1	65.5	59.3	59.7	60.3	60.8	61.3	62.0	62.5	-	
Philippines	-	-	-	69.6	-	-	-	-	71.3	71.3	
Singapore	79.8	80.1	80.3	80.5	80.7	80.9	81.2	81.4	81.3	81.1	
Thailand	-	-	-	-	71.2	71.8	72.0	71.9	72.4	-	
Viet Nam	70.4	70.5	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.1	
Female											
Brunei Darussalam	81.2	78.3	78.5	77.5	78.7	78.3	78.5	78.4	80.7	-	
Cambodia	67.9	68.8	69.6	70.4	71.2	72.0	72.7	76.8	74.2	74.8	
Indonesia	72.2	72.4	72.6	72.8	72.9	73.1	73.2	73.3	73.5	73.6	
Lao PDR	-	69.0	70.0	70.0	67.0	67.0	68.0	68.0	69.0	69.0	
Malaysia	76.9	76.9	77.0	77.1	77.0	77.1	77.2	77.4	77.8	78.3	
Myanmar	68.9	69.1	68.7	69.3	69.8	70.2	70.9	71.1	71.5	-	
Philippines	-	-	-	75.9	-	-	-	-	77.5	77.5	
Singapore	84.3	84.5	84.8	85.1	85.1	85.4	85.5	85.9	85.9	85.9	
Thailand	-	-	-	-	78.6	79.4	79.6	79.7	80.1	-	
Viet Nam	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4	

Source:
ASEAN Secretariat

Note:

1) Life expectancy at birth refers to 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, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Measles											
Brunei Darussalam	98.6	96.0	97.0	96.0	98.0	97.0	99.0	96.8	99.0	-	
Cambodia	93.0	93.0	94.0	92.0	105.0	97.7	103.0	102.0	107.3	-	
Indonesia	78.0	77.9	80.1	71.6	72.8	70.7	83.3	67.3	67.8	75.3	
Lao PDR	-	-	-	-	-	-	-	-	-	56.1	
Malaysia	95.5	95.3	92.1	93.1	94.4	88.8	87.8	97.7	97.4	-	
Myanmar	84.0	86.0	85.3	81.1	87.7	83.2	94.2	84.6	-	-	
Philippines	80.0	76.7	-	-	-	80.4	-	-	-	-	
Singapore ¹⁾	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	97.0	95.0	
Thailand	-	-	-	-	90.8	89.3	89.4	92.0	91.6	86.7	
Viet Nam	96.4	97.7	97.4	97.5	95.0	92.7	97.2	94.3	82.3	-	
DPT²⁾											
Brunei Darussalam	90.0	99.6	99.0	99.0	100.0	100.0	100.0	99.7	99.9	-	
Cambodia	95.0	95.0	98.0	94.0	96.9	97.7	98.0	99.0	106.6	-	
Indonesia	90.0	90.3	93.6	83.5	84.8	83.8	88.9	83.3	84.6	74.5	
Lao PDR	-	-	-	-	-	-	-	-	-	86.6	
Malaysia	99.7	96.9	96.8	99.0	98.0	98.9	100.2	98.4	97.7	-	
Myanmar	85.0	75.0	85.3	87.5	87.3	90.2	92.1	90.9	82.4	-	
Philippines	-	-	-	-	-	79.8	-	-	-	-	
Singapore ¹⁾	98.0	98.0	97.0	97.0	97.7	96.7	97.3	96.7	97.6	97.2	
Thailand	-	-	-	-	91.7	90.4	90.2	92.5	88.8	85.2	
Viet Nam	96.6	95.4	95.1	-	-	94.4	74.7	94.3	90.8	-	

Source:
ASEAN Secretariat

Notes:
1) Immunization coverage for children at 2 years of age
2) DPT: Diphtheria, pertussis, and tetanus
- - not available at the time of publication

Table 2.11. Incidence of Malaria and Tuberculosis¹⁾ in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Malaria											
Brunei Darussalam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
Cambodia	-	-	-	13.0	1.5	3.0	4.0	1.9	-	-	-
Indonesia	1.7	1.4	1.0	0.9	0.8	1.0	0.8	0.9	0.9	1.1	1.1
Lao PDR	-	-	-	20.9	7.8	5.6	4.2	-	0.5	0.5	0.5
Malaysia	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Myanmar	-	-	-	3.6	2.2	1.6	1.5	1.1	1.1	1.1	1.0
Philippines	-	-	-	8.0	0.1	0.0	0.0	0.1	-	-	-
Singapore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	1.0	1.2	1.2	0.7	0.3	0.1	0.0	0.0	0.1	-	-
Viet Nam	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	-
Tuberculosis											
Brunei Darussalam	60.2	52.6	48.6	51.4	58.0	56.5	59.1	54.8	68.6	-	-
Cambodia	-	-	-	380.0	345.0	326.0	302.0	281.0	-	-	-
Indonesia	407.0	403.0	399.0	395.0	322.0	319.0	316.0	312.0	301.0	-	-
Lao PDR	204.0	197.0	189.0	182.0	175.0	168.0	162.0	155.0	-	-	-
Malaysia	86.0	91.0	92.0	88.0	81.3	80.8	78.6	80.9	72.6	-	-
Myanmar	376.0	373.0	369.0	365.0	369.0	355.0	338.0	322.0	308.0	-	-
Philippines	539.0	543.0	546.0	550.0	434.0	310.6	329.7	-	-	-	-
Singapore	41.5	37.6	36.9	36.1	41.2	39.0	38.7	34.7	39.1	-	-
Thailand	170.0	170.0	167.0	163.0	160.0	156.0	153.0	150.0	-	-	-
Viet Nam	147.0	144.0	140.0	137.0	114.9	110.0	108.8	104.0	176.0	-	-

Source:
ASEAN Secretariat

Note:
1) per 1000 population for Malaria, per 100,000 population for Tuberculosis
-/- not available at the time of publication

Table 2.12. HIV Prevalence Rate Among 15-49 Years Old People in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Malaria											
Brunei Darussalam	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-	-	-	
Cambodia	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	
Indonesia	-	0.0	0.0	0.0	0.0	0.0	-	-	-	-	
Lao PDR	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Malaysia	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Myanmar	-	-	-	-	-	-	-	-	-	-	-
Philippines	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Singapore	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Thailand	-	-	-	-	1.2	1.2	1.1	0.8	0.8	0.8	1.0
Viet Nam	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3

Source:
 ASEAN Secretariat
 World Bank - World Development Indicators for Lao PDR, Philippines, Viet Nam, Cambodia (2021), Malaysia (2021), and Thailand (2021)

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

Table 2.13. Proportion of Population with Access to Improved Drinking Water and Sanitation in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	(in percent)
Access to Improved Drinking Water											
Brunei Darussalam	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Cambodia	50.7	54.2	54.5	59.2	61.1	64.8	70.9	79.7	-	-	-
Indonesia	42.8	41.1	39.3	71.0	86.4	87.5	87.8	89.3	90.2	-	-
Lao PDR	70.0	-	-	61.4	88.9	77.5	-	-	-	-	-
Malaysia	94.4	-	-	95.1	95.5	96.5	-	95.9	-	-	-
Myanmar	80.0	78.4	69.5	80.2	81.3	83.9	84.9	86.2	-	-	-
Philippines	82.7	-	-	86.0	83.2	93.3	-	95.6	-	-	-
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	99.3	99.3	99.4	99.3	99.0	99.1	99.4	99.9	-	-	-
Viet Nam	91.0	-	92.0	-	93.4	94.9	95.7	96.3	97.4	98.1	-
Access to Improved Sanitation											
Brunei Darussalam	80.0	-	-	86.7	92.0	92.0	94.0	94.0	94.0	94.0	94.0
Cambodia	45.2	51.7	55.9	61.8	72.9	76.0	80.3	80.4	-	-	-
Indonesia	55.6	57.9	-	62.1	71.8	73.1	74.6	77.4	79.5	80.3	-
Lao PDR	62.0	-	-	73.2	73.8	75.3	-	-	-	-	-
Malaysia	99.3	-	-	99.5	99.7	96.0	-	99.7	-	-	-
Myanmar	80.9	80.0	80.8	-	76.6	78.3	80.4	80.1	-	-	-
Philippines	91.6	-	-	94.0	91.9	73.6	-	81.1	80.4	-	-
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	99.5	99.6	99.7	99.7	99.5	99.7	99.8	98.7	-	-	-
Viet Nam	77.4	-	80.4	-	83.8	86.4	90.3	92.7	94.0	95.6	-

Source:
ASEAN Secretariat

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

Chapter 3

EMPLOYMENT



Table 3.1. Number of Labour Force in ASEAN, 2012-2021

(in thousand)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	206.0	-	203.7	-	-	206.1	221.0	238.0	234.2	223.3
Cambodia	7,718.0	7,974.0	8,260.0	8,359.0	8,624.0	8,779.3	-	9,020.0	-	-
Indonesia	119,849.7	120,172.0	121,872.9	122,380.0	125,443.7	128,062.7	133,355.6	135,859.7	138,221.9	140,152.6
Lao PDR	-	-	-	-	-	1,940.2	-	-	-	-
Malaysia	13,221.6	13,980.5	14,263.6	14,517.9	14,667.8	14,980.0	15,280.3	15,581.6	15,667.7	15,797.2
Myanmar	31,820.0	32,140.0	22,110.0	21,950.0	-	22,280.0	22,740.0	22,280.0	-	-
Philippines	40,426.8	41,022.3	40,881.3	41,762.6	43,360.8	42,774.7	43,459.9	44,197.1	43,878.0	47,700.8
Singapore ¹⁾	2,119.6	2,138.8	2,185.2	2,232.3	2,257.6	2,269.7	2,292.7	2,328.5	2,345.5	2,397.8
Thailand	39,407.8	39,383.8	38,576.2	38,548.2	38,266.6	38,099.8	38,433.6	38,178.0	38,544.4	38,699.6
Viet Nam	52,616.6	53,549.3	54,040.7	54,266.0	54,482.8	54,819.6	55,388.0	55,767.4	54,842.9	50,560.5

Source :
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
'-': not available at the time of publication

Table 3.2. Labour Force Participation Rate in ASEAN, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	72.2	-	65.6	-	-	62.7	65.4	64.3	65.2	63.8
Cambodia	84.2	83.0	82.6	82.7	62.5	84.3	-	87.4	-	-
Indonesia	67.8	66.8	66.6	65.8	66.3	66.7	67.3	67.5	67.8	67.8
Lao PDR	-	-	-	68.0	-	40.8	-	-	-	-
Malaysia	65.6	67.3	67.6	67.9	67.7	68.0	68.3	68.7	68.4	68.6
Myanmar	-	66.9	67.0	64.7	-	61.2	61.5	59.4	-	-
Philippines	64.2	63.9	64.4	63.6	63.5	61.2	60.9	61.3	59.5	63.3
Singapore ¹⁾	66.6	66.7	67.0	68.3	68.0	67.7	67.7	68.0	68.1	70.5
Thailand	71.8	71.1	70.3	69.8	68.8	68.1	68.3	67.5	67.8	67.8
Viet Nam	76.8	77.6	77.5	77.8	77.3	76.7	76.8	76.8	74.4	67.8

Source :
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
'-': not available at the time of publication

Table 3.3. Labour Force Participation Rate in ASEAN by Sex, 2012–2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Male										
Brunei Darussalam	80.5	-	72.4	-	-	68.90	72.7	72.5	74.0	71.6
Cambodia	89.1	88.7	87.9	88.5	89.4	88.8	-	91.0	-	-
Indonesia	84.2	83.4	83.1	82.7	82.0	82.5	82.8	83.3	82.4	82.3
Lao PDR	-	-	-	62.0	-	45.2	-	-	-	-
Malaysia	80.5	81.0	80.6	80.6	80.2	80.1	80.4	80.8	80.6	80.9
Myanmar	-	83.5	85.2	80.2	-	77.3	77.0	75.4	-	-
Philippines	78.5	78.1	78.5	77.3	77.6	76.2	75.1	74.8	73.1	75.4
Singapore ¹⁾	76.0	75.8	75.9	76.7	76.2	76.0	75.6	75.4	75.4	77.2
Thailand	79.9	79.5	79.3	78.6	77.6	76.9	77.1	76.2	76.4	76.3
Viet Nam	81.2	82.1	82.1	83.0	82.4	81.9	82.3	81.9	79.9	74.3
Female										
Brunei Darussalam	63.2	-	58.3	-	-	56.5	57.3	54.8	55.2	54.9
Cambodia	79.7	77.8	77.5	72.2	78.9	80.1	-	84.1	-	-
Indonesia	51.4	50.3	50.2	48.9	50.8	50.9	51.8	51.8	53.1	53.3
Lao PDR	-	-	-	69.0	-	36.5	-	-	-	-
Malaysia	49.5	52.6	53.7	54.1	54.3	54.7	55.2	55.6	55.3	55.5
Myanmar	-	50.7	50.5	51.6	-	47.7	48.5	46.1	-	-
Philippines	50.0	49.9	50.5	50.0	49.3	46.2	46.6	47.6	45.9	51.2
Singapore ¹⁾	57.7	58.1	58.6	60.4	60.4	59.8	60.2	61.1	61.2	64.2
Thailand	64.2	63.1	62.0	61.6	60.6	59.8	60.1	59.4	59.8	59.9
Viet Nam	72.6	73.3	73.2	72.6	72.5	71.9	71.6	71.8	69.0	61.6

Source:
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
-.- not available at the time of publication

Table 3.4. Number of Unemployment in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	19.8	-	14.1	-	-	19.1	19.2	16.2	17.4	11.0
Cambodia	12.0	8.0	15.0	8.0	16.0	12.9	-	216.0	-	-
Indonesia	7,344.9	7,410.9	7,244.9	7,560.8	7,031.8	7,040.3	7,073.4	7,104.4	9,767.8	9,102.1
Lao PDR	-	-	-	-	-	182.5	-	-	-	-
Malaysia	401.2	435.1	411.1	450.3	504.1	503.3	504.3	508.2	711.0	733.0
Myanmar	1,280.0	1,290.0	870.0	160.0	-	340.0	190.0	100.0	-	-
Philippines	2,826.0	2,905.0	2,728.0	2,601.0	2,363.0	2,441.0	2,324.0	2,259.1	4,500.0	3,711.7
Singapore ¹⁾	60.0	59.8	61.2	62.5	67.4	70.9	66.9	72.9	96.4	84.3
Thailand	253.8	281.7	322.7	340.6	377.5	450.7	404.3	373.4	651.1	748.3
Viet Nam	926.1	1,041.5	1,010.1	1,155.5	1,137.3	1,111.0	1,105.5	1,108.2	1,233.3	1,488.5

Source :
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
'-': not available at the time of publication

Table 3.5. Unemployment Rate of 15 Years Old and Over in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	9.6	-	6.9	-	-	9.3	8.7	6.8	7.4	4.9
Cambodia	0.2	0.3	0.1	0.1	0.2	0.1	-	2.4	-	-
Indonesia	6.1	6.2	5.9	6.2	5.6	5.5	5.3	5.2	7.1	6.5
Lao PDR	-	-	-	-	-	9.4	-	-	-	-
Malaysia	3.0	3.1	2.9	3.1	3.4	3.4	3.3	3.3	4.5	4.6
Myanmar	4.0	4.0	4.0	0.8	-	1.6	0.9	0.5	-	-
Philippines	7.0	7.1	6.6	6.3	5.4	5.7	5.4	5.1	10.3	7.8
Singapore ¹⁾	2.8	2.8	2.7	2.8	3.0	3.1	2.9	3.1	4.1	3.5
Thailand	0.7	0.7	0.8	0.9	1.0	1.2	1.1	1.0	1.7	1.9
Viet Nam	1.8	1.9	1.9	2.1	2.1	2.0	2.0	2.0	2.2	2.9

Source :
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
'-': not available at the time of publication

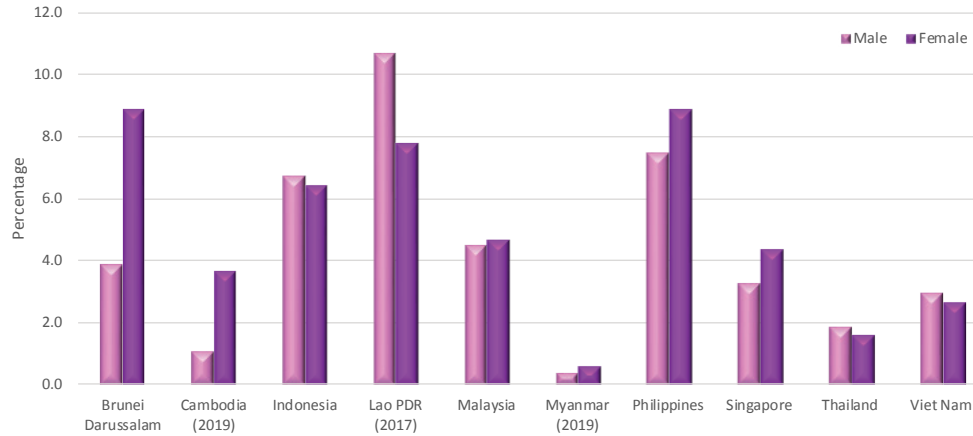
Table 3.6. Unemployment Rate of 15 Years Old and Over in ASEAN by Sex, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(in percent)										
Male										
Brunei Darussalam	7.6	-	6.2	-	-	8.8	7.7	5.9	6.4	3.9
Cambodia	0.1	0.3	0.2	0.0	0.2	0.1	-	1.1	-	-
Indonesia	5.8	6.0	5.8	6.1	5.7	5.5	5.3	5.2	7.5	6.7
Lao PDR	-	-	-	-	-	10.7	-	-	-	-
Malaysia	3.0	2.9	2.7	2.9	3.1	3.3	3.1	3.2	4.4	4.5
Myanmar	3.7	3.7	3.9	0.7	-	1.2	0.7	0.4	-	-
Philippines	7.2	7.3	6.9	6.6	5.6	6.0	5.4	5.2	10.6	7.5
Singapore ¹⁾	2.7	2.7	2.7	2.7	3.0	3.1	2.9	3.0	3.9	3.3
Thailand	0.7	0.7	0.9	0.9	1.0	1.2	1.1	1.0	1.7	1.9
Viet Nam	1.6	2.0	1.9	2.3	2.2	2.2	1.9	2.0	1.9	3.0
Female										
Brunei Darussalam	12.4	-	7.8	-	-	10.0	10.1	8.2	8.9	6.4
Cambodia	0.2	0.3	0.1	0.1	0.1	0.1	-	3.7	-	-
Indonesia	6.7	6.4	6.3	6.4	5.4	5.4	5.3	5.2	6.5	6.1
Lao PDR	-	-	-	-	-	7.8	-	-	-	-
Malaysia	3.2	3.4	3.2	3.4	3.9	3.5	3.6	3.4	4.7	4.8
Myanmar	4.6	4.6	4.1	0.9	-	2.0	1.0	0.6	-	-
Philippines	6.7	6.8	6.1	5.8	5.2	5.2	5.5	5.0	9.7	8.2
Singapore ¹⁾	3.1	2.9	2.9	2.9	3.0	3.1	3.0	3.4	4.4	3.8
Thailand	0.6	0.7	0.8	0.9	1.0	1.1	1.0	0.9	1.6	1.9
Viet Nam	2.0	1.9	1.8	2.0	1.9	1.8	2.1	2.0	2.7	2.9

Source:
ASEAN Secretariat

Note:
1) Data for Singapore refer to resident only
-/- not available at the time of publication

Chart 3.1. Unemployment Rate of 15 Years Old and Over in ASEAN by Sex, 2021¹⁾



Source:
ASEAN Secretariat

Note:
1) Data for 2021 or the latest available

Table 3.7. Unemployment Rate of 15-24 Years Old in ASEAN by Sex, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Male										
Brunei Darussalam	-	-	23.5	-	-	28.4	28.2	18.9	22.7	12.0
Cambodia	0.3	0.2	0.2	0.1	-	-	-	1.6	-	-
Indonesia	19.5	21.2	21.7	22.3	19.8	20.1	19.4	18.4	20.8	21.0
Lao PDR	-	-	-	-	-	57.8	-	-	-	-
Malaysia	9.5	8.7	8.6	9.9	9.8	10.4	9.9	9.6	11.4	11.8
Myanmar	-	-	9.1	1.4	-	3.3	1.8	1.3	-	-
Philippines	14.9	15.1	14.9	14.3	7.5	13.7	12.6	10.6	20.4	14.5
Singapore ¹⁾	5.3	5.2	4.9	5.6	4.6	5.2	5.0	5.8	8.1	5.0
Thailand	2.7	3.1	3.8	3.6	4.3	5.3	4.8	4.7	6.8	7.1
Viet Nam	4.6	5.4	5.5	6.8	7.4	7.5	6.1	6.5	6.1	8.4
Female										
Brunei Darussalam	-	-	27.8	-	-	29.5	32.5	25.7	32.4	23.0
Cambodia	0.2	0.1	0.1	0.1	-	-	-	0.6	-	-
Indonesia	19.8	22.1	22.9	23.1	19.0	20.9	20.1	19.0	19.9	17.5
Lao PDR	-	-	-	-	-	42.2	-	-	-	-
Malaysia	10.7	11.5	10.9	11.8	11.4	11.4	12.5	12.0	13.0	10.4
Myanmar	-	-	9.5	1.8	-	4.8	2.2	1.5	-	-
Philippines	18.2	17.8	17.2	15.9	7.7	15.6	14.8	10.3	23.1	17.7
Singapore ¹⁾	8.2	8.6	8.1	8.1	8.8	9.1	8.6	10.0	13.5	10.0
Thailand	3.3	4.1	5.0	4.9	5.8	6.8	6.1	6.3	8.1	9.9
Viet Nam	6.6	7.0	7.1	7.3	7.5	7.5	7.9	6.5	8.5	8.8

Source:
ASEAN Secretariat

Note:

1) Data for Singapore refer to resident only
-/- not available at the time of publication

Table 3.8. Number of Employment in ASEAN by Economic Activity

Country	Year	(in thousand)								Total
		Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Information and Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	
Brunei Darussalam	2019	4.3	10.0	18.7	41.9	26.1	19.1	69.1	32.9	222.1
	2020	2.9	9.4	26.1	48.5	11.2	19.8	70.5	28.5	216.9
	2021	3.0	19.4	19.6	45.9	10.9	19.9	67.7	26.0	212.4
Cambodia	2011	4,796.3	757.2	217.5	930.6	237.8	30.4	213.1	1,016.7	8,199.7
	2012	3,929.5	940.6	356.1	1,219.0	321.2	29.1	232.9	953.7	7,982.1
	2019	2,612.6	1,315.0	785.2	1,588.6	391.0	199.9	461.7	529.1	7,883.1
Indonesia	2019	35,450.3	19,197.9	8,675.4	32,726.2	6,577.5	4,122.3	13,346.9	8,658.8	128,755.3
	2020	38,224.4	17,482.8	8,066.5	33,246.5	6,525.2	3,748.3	12,604.1	8,556.3	128,454.2
	2021	37,130.7	18,694.5	8,293.8	34,916.5	6,441.9	3,970.8	13,537.9	8,064.5	131,050.5
Lao PDR	2010	2,155.1	153.0	71.1	267.4	32.0	7.2	132.7	-	2,818.5
	2015	2,500.8	123.1	103.1	183.5	28.3	12.0	220.5	-	3,171.2
	2017	550.7	140.0	83.0	329.1	39.0	11.0	24.0	36.0	1,212.8
Malaysia	2019	1,541.1	2,612.0	1,246.7	4,154.2	901.7	1,649.4	2,256.8	709.6	15,071.6
	2020	1,566.0	2,498.0	1,173.4	4,305.6	912.6	1,635.4	2,232.1	633.6	14,956.7
	2021	1,550.0	2,501.4	1,159.6	4,362.0	939.6	1,674.8	2,231.5	645.3	15,064.2
Myanmar	2017	11,101.6	2,303.7	921.5	3,795.6	1,053.1	504.6	921.5	1,338.3	21,940.0
	2018	10,869.1	2,503.1	1,172.6	4,126.7	1,195.2	451.0	856.9	1,375.6	22,550.0
	2019	10,846.0	2,306.7	1,242.1	4,436.0	1,286.4	465.8	731.9	865.0	22,180.0
Philippines	2019	9,325.2	3,650.8	4,123.3	10,301.5	3,857.2	2,824.6	4,533.4	3,322.0	41,938.0
	2020	9,753.7	3,183.7	3,699.6	9,549.2	3,281.9	2,617.0	4,391.7	2,901.0	39,377.8
	2021	10,657.7	3,453.2	4,320.2	11,142.7	3,381.6	2,952.2	4,814.4	3,267.1	43,989.1
Singapore ¹⁾	2019	0.0	214.4	98.0	487.8	308.1	559.7	538.9	23.5	2,230.4
	2020	0.0	213.0	97.2	464.0	326.2	567.4	533.7	21.2	2,222.7
	2021	0.0	212.1	98.4	463.8	321.0	592.7	575.0	23.4	2,286.4
Thailand	2019	11,820.9	6,124.7	2,191.2	9,095.4	1,497.5	1,698.6	3,411.8	1,697.8	37,537.9
	2020	11,810.5	5,976.2	2,232.4	9,146.9	1,548.5	1,676.6	3,543.9	1,690.8	37,625.8
	2021	12,025.3	5,920.6	2,208.7	9,036.6	1,563.3	1,693.4	3,568.8	1,682.6	37,699.1
Viet Nam	2019	18,831.4	11,287.6	4,615.2	10,019.3	2,317.6	1,452.0	4,063.7	2,072.4	54,659.2
	2020	17,724.6	11,302.2	4,695.4	10,028.5	2,306.4	1,483.9	4,057.4	2,011.3	53,609.6
	2021	14,262.3	11,209.1	4,545.2	9,697.3	2,141.1	1,434.6	3,831.6	1,950.8	49,072.0

Source:
ASEAN Secretariat

Note:

1) a. Data for Singapore refer to resident only

b. Data for Agriculture, Fishery & Forestry of Singapore are subsumed under "Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)"

-/- not available at the time of publication

Table 3.9. Proportion of Employment in ASEAN by Economic Activity

(in percent)

Country	Year	Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Information and Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	Total
Brunei Darussalam	2019	1.9	4.5	8.4	18.9	11.8	8.6	31.1	14.8	100.0
	2020	1.3	4.3	12.0	22.4	5.2	9.1	32.5	13.1	100.0
	2021	1.4	9.1	9.2	21.6	5.1	9.4	31.9	12.2	100.0
Cambodia	2011	58.5	9.2	2.7	11.3	2.9	0.4	2.6	12.4	100.0
	2012	49.2	11.8	4.5	15.3	4.0	0.4	2.9	11.9	100.0
	2019	33.1	16.7	10.0	20.2	5.0	2.5	5.9	6.7	100.0
Indonesia	2019	27.5	14.9	6.7	25.4	5.1	3.2	10.4	6.7	100.0
	2020	29.8	13.6	6.3	25.9	5.1	2.9	9.8	6.7	100.0
	2021	28.3	14.3	6.3	26.6	4.9	3.0	10.3	6.2	100.0
Lao PDR	2010	76.5	5.4	2.5	9.5	1.1	0.3	4.7	-	100.0
	2015	78.9	3.9	3.3	5.8	0.9	0.4	7.0	-	100.0
	2017	45.4	11.5	6.8	27.1	3.2	0.9	2.0	3.0	100.0
Malaysia	2019	10.2	17.3	8.3	27.6	6.0	10.9	15.0	4.7	100.0
	2020	10.5	16.7	7.8	28.8	6.1	10.9	14.9	4.2	100.0
	2021	10.3	16.6	7.7	29.0	6.2	11.1	14.8	4.3	100.0
Myanmar	2017	50.6	10.5	4.2	17.3	4.8	2.3	4.2	6.1	100.0
	2018	48.2	11.1	5.2	18.3	5.3	2.0	3.8	6.1	100.0
	2019	48.9	10.4	5.6	20.0	5.8	2.1	3.3	3.9	100.0
Philippines	2019	22.2	8.7	9.8	24.6	9.2	6.7	10.8	7.9	100.0
	2020	24.8	8.1	9.4	24.3	8.3	6.6	11.2	7.4	100.0
	2021	24.2	7.9	9.8	25.3	7.7	6.7	10.9	7.4	100.0
Singapore ¹⁾	2019	-	9.6	4.4	21.9	13.8	25.1	24.2	1.1	100.0
	2020	-	9.6	4.4	20.9	14.7	25.5	24.0	1.0	100.0
	2021	-	9.3	4.3	20.3	14.0	25.9	25.1	1.0	100.0
Thailand	2019	31.5	16.3	5.8	24.2	4.0	4.5	9.1	4.5	100.0
	2020	31.4	15.9	5.9	24.3	4.1	4.5	9.4	4.5	100.0
	2021	31.9	15.7	5.9	24.0	4.1	4.5	9.5	4.5	100.0
Viet Nam	2019	34.5	20.7	8.4	18.3	4.2	2.7	7.4	3.8	100.0
	2020	33.1	21.1	8.8	18.7	4.3	2.8	7.6	3.8	100.0
	2021	29.1	22.8	9.3	19.8	4.4	2.9	7.8	4.0	100.0

Source:
ASEAN Secretariat

Note:

1) a. Data for Singapore refer to resident only

b. Data for Agriculture, Fishery & Forestry of Singapore are subsumed under "Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)"

-' not available at the time of publication

Table 3.10. Number of Employment in ASEAN by Occupation

(in thousand)

Occupation	Brunei Darussalam (2021)	Cambodia (2019)	Indonesia (2021)	Lao PDR (2017)	Malaysia (2021)	Myanmar (2019)	Philippines (2021)	Singapore ¹⁾ (2021)	Thailand (2021)	Viet Nam (2021)
Professionals, technical and related workers	57.6	618.7	11,568.0	138.3	1,961.7	931.6	4,114.3	1,043.3	2,146.2	5,230.4
Administrative, executive and managerial workers	13.5	128.1	2,738.1	189.4	687.0	155.3	3,434.2	377.7	1,273.0	478.5
Clerical and related workers	22.9	124.0	5,924.8	33.6	1,806.7	443.6	2,848.4	223.4	1,678.8	1,126.7
Services and sales workers	46.2	1,688.3	33,990.9	180.3	1,507.2	4,347.3	8,952.6	239.2	7,698.3	9,300.7
Agricultural, animal husbandry and forestry workers; fishermen and hunters	2.0	2,263.3	28,137.6	696.7	3,611.3	7,851.7	5,448.2	0.0	11,035.7	5,993.7
Production and related workers, transport equipment operators and labourers	34.7	2,202.8	23,515.2	275.5	2,021.3	4,214.2	6,356.8	194.9	7,842.0	14,068.4
Others	35.4	857.9	25,175.9	135.4	3,468.9	4,236.4	12,834.4	208.0	6,077.3	12,873.7
Total	212.4	7,883.1	131,050.5	1,649.2	15,064.1	22,180.0	43,989.1	2,286.5	37,751.3	49,072.1

Source :
ASEAN Secretariat

Note:

1) a. Data for Singapore refer to resident only

b. Data for Agriculture, Fishery & Forestry of Singapore are subsumed under "Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)"

Table 3.11. Proportion of Employment in ASEAN by Occupation

(in percent)

Occupation	Brunei Darussalam (2021)	Cambodia (2019)	Indonesia (2021)	Lao PDR (2017)	Malaysia (2021)	Myanmar (2019)	Philippines (2021)	Singapore ¹⁾ (2021)	Thailand (2021)	Viet Nam (2021)
Professionals, technical and related workers	27.1	7.8	8.8	8.4	13.0	4.2	9.4	45.6	5.7	10.7
Administrative, executive and managerial workers	6.4	1.6	2.1	11.5	4.6	0.7	7.8	16.5	3.4	1.0
Clerical and related workers	10.8	1.6	4.5	2.0	12.0	2.0	6.5	9.8	4.4	2.3
Services and sales workers	21.8	21.4	25.9	10.9	10.0	19.6	20.4	10.5	20.4	19.0
Agricultural, animal husbandry and forestry workers; fishermen and hunters	0.9	28.7	21.5	42.2	24.0	35.4	12.4	0.0	29.2	12.2
Production and related workers, transport equipment operators and labourers	16.3	27.9	17.9	16.7	13.4	19.0	14.5	8.5	20.8	28.7
Others	16.7	10.9	19.2	8.2	23.0	19.1	29.2	9.1	16.1	26.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source :
ASEAN Secretariat

Note:

1) a. Data for Singapore refer to resident only

b. Data for Agriculture, Fishery & Forestry of Singapore are subsumed under "Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)"

Chapter 4

MACROECONOMIC



Table 4.1. GDP at Current Prices in National Currency in ASEAN, 2012-2021

(in billions)

Country	GDP at Current Prices									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	23.8	22.6	21.7	17.8	15.7	16.7	18.3	18.4	16.6	18.8
Cambodia	56,616.8	62,219.5	67,740.4	73,422.7	81,241.9	89,830.5	99,544.3	110,014.0	105,891.8	110,505.9
Indonesia	8,615,704.5	9,546,134.0	10,569,705.3	11,526,332.8	12,401,728.5	13,589,825.7	14,838,756.0	15,832,535.4	15,434,151.8	16,970,789.2
Lao PDR	81,610.0	93,868.0	106,797.0	117,252.0	129,279.1	140,697.7	152,414.2	162,657.4	172,919.4	184,982.1
Malaysia	971.3	1,018.6	1,106.4	1,176.9	1,249.7	1,372.3	1,447.8	1,512.7	1,418.0	1,545.4
Myanmar	51,259.3	58,011.6	65,261.9	72,714.0	79,760.1	90,450.9	92,789.0	105,258.5	112,769.7	108,205.7
Philippines	11,060.6	12,050.6	13,206.8	13,944.2	15,132.4	16,556.7	18,265.2	19,517.9	17,938.6	19,387.2
Singapore	368.8	384.9	398.9	423.4	440.5	473.9	508.5	512.2	476.4	533.4
Thailand	12,357.3	12,915.2	13,230.3	13,743.5	14,590.3	15,488.7	16,373.3	16,892.4	15,636.9	16,178.7
Viet Nam	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	6,037,347.6	6,293,144.9	8,398,606.2

Source:
ASEAN Secretariat

Table 4.2. GDP at Constant Prices in National Currency in ASEAN, 2012-2021

(in billions)

Country	GDP at Constant Prices									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	19.6	19.2	18.7	18.6	18.1	18.4	18.4	19.1	19.3	19.0
Cambodia	34,916.5	37,528.2	40,182.0	43,009.3	45,961.0	49,176.9	52,850.0	56,578.1	54,826.4	56,498.5
Indonesia	7,727,083.4	8,156,497.8	8,564,866.6	8,982,517.1	9,434,613.4	9,912,928.1	10,425,851.9	10,949,037.8	10,722,442.7	11,118,868.5
Lao PDR	81,610.0	88,160.0	94,871.0	101,768.0	108,914.8	116,376.8	123,695.6	130,446.6	134,720.4	139,408.4
Malaysia	912.3	955.1	1,012.4	1,176.9	1,229.3	1,300.8	1,363.8	1,424.0	1,345.1	1,386.7
Myanmar	45,080.7	48,879.2	52,785.2	56,476.2	59,787.1	63,827.9	83,509.4	89,147.3	91,971.6	86,561.8
Philippines	12,416.5	13,254.6	14,096.0	14,990.9	16,062.7	17,176.0	18,265.2	19,382.8	17,527.2	18,508.4
Singapore	355.7	373.5	386.8	423.3	438.5	459.0	475.8	481.0	461.1	496.2
Thailand	8,902.8	9,142.1	9,232.1	9,521.4	9,848.5	10,259.9	10,693.2	10,923.3	10,246.5	10,403.7
Viet Nam	2,412,778.4	2,543,596.2	2,695,795.7	2,875,856.2	3,054,470.2	3,262,547.6	3,493,398.9	3,738,545.9	3,847,182.1	5,115,805.1

Source:
ASEAN Secretariat

Table 4.3. Rate of Economic Growth¹⁾ in ASEAN, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average Annual Growth 2012-2021
Brunei Darussalam	0.9	-2.1	-2.5	-0.4	-2.5	1.3	0.1	3.9	1.1	-1.6	-0.2
Cambodia	7.3	7.5	7.1	9.0	5.0	7.0	7.5	7.1	-3.1	3.0	5.7
Indonesia	6.0	5.6	5.0	4.9	5.0	5.1	5.2	5.0	-2.1	3.7	4.4
Lao PDR	7.9	8.0	7.6	7.3	7.0	6.9	6.3	5.5	3.3	3.5	6.3
Malaysia	5.5	4.7	6.0	5.0	4.4	5.8	4.8	4.4	-5.6	3.1	3.8
Myanmar	7.3	8.4	8.0	7.0	5.9	6.8	6.8	6.2	3.2	-5.9	5.4
Philippines	6.9	6.8	6.3	6.3	7.1	6.9	6.3	6.1	-9.6	5.6	4.9
Singapore	4.1	5.1	3.9	2.2	3.6	4.7	3.7	1.1	-4.1	7.6	3.2
Thailand	7.2	2.7	1.0	3.1	3.4	4.2	4.2	2.2	-6.2	1.5	2.3
Viet Nam	5.2	5.4	6.0	6.7	6.2	6.8	7.1	7.0	2.9	2.6	5.6
ASEAN²⁾	6.2	5.1	4.7	4.9	5.0	5.4	5.3	4.7	-3.2	3.4	4.1

Source:
ASEAN Secretariat

Notes:

1) Computed based on Table 4.2 (GDP at 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 2022

Table 4.4. GDP at Current Prices in USD¹⁾ in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	19,049.6	18,100.5	17,102.6	12,789.9	11,411.4	12,136.0	13,556.0	13,511.0	12,003.2	13,924.7
Cambodia	14,010.9	15,442.9	16,763.6	18,091.1	19,426.6	22,251.8	24,609.2	27,103.7	25,960.2	27,164.7
Indonesia	915,533.8	904,691.9	889,384.6	854,953.1	930,536.7	1,014,090.4	1,040,051.4	1,121,139.1	1,059,146.1	1,185,776.8
Lao PDR	10,192.5	11,955.3	13,274.1	14,420.1	15,893.3	16,952.8	18,095.7	18,672.7	19,037.4	19,635.0
Malaysia	314,895.1	322,159.3	337,455.7	298,716.0	298,970.8	321,384.1	358,356.4	364,515.2	337,619.0	372,770.3
Myanmar	60,281.7	61,862.6	66,331.1	59,795.3	64,632.3	67,268.3	76,330.5	66,499.8	70,174.1	72,862.6
Philippines	262,284.0	280,771.9	297,831.8	306,465.0	318,643.5	328,831.2	344,886.5	376,792.7	361,519.2	393,612.2
Singapore	295,083.8	307,578.0	314,849.5	309,083.3	319,179.0	343,417.2	376,663.0	376,632.3	345,220.9	394,578.6
Thailand	397,764.0	420,616.2	407,303.5	401,269.4	413,324.0	456,354.3	506,614.4	544,039.0	499,581.2	505,890.1
Viet Nam	155,820.0	171,219.3	186,223.6	193,928.4	205,521.4	224,042.9	241,156.6	261,779.2	271,798.9	361,962.1
ASEAN²⁾	2,404,020.4	2,514,397.7	2,546,520.3	2,469,511.6	2,597,539.0	2,806,728.8	3,000,319.9	3,170,684.7	3,002,060.2	3,348,177.0

Source:
ASEAN Secretariat

Notes:
1) Computed based on Table 4.1, using period average exchange rate
2) 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, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	47,647.8	44,560.5	41,521.3	31,013.4	27,348.7	28,806.1	30,642.1	29,403.7	26,462.1	32,383.1
Cambodia	950.4	1,052.2	1,122.6	1,190.9	1,257.1	1,415.7	1,539.8	1,685.7	1,588.9	1,603.0
Indonesia	3,563.8	3,636.0	3,527.0	3,345.0	3,599.8	3,880.1	3,937.2	4,200.4	3,919.8	4,348.6
Lao PDR	1,564.6	1,799.4	1,949.5	2,161.4	2,341.7	2,456.6	2,580.3	2,621.4	2,621.8	2,693.3
Malaysia	10,670.8	10,662.7	10,989.0	9,578.5	9,451.1	10,036.2	11,066.5	11,207.9	10,361.6	11,399.7
Myanmar	1,189.8	1,208.6	1,275.8	1,140.0	1,221.4	1,260.0	1,417.1	1,223.8	1,280.1	1,314.4
Philippines	2,717.7	2,859.3	2,981.9	3,017.5	3,086.3	3,134.1	3,261.2	3,512.0	3,323.6	3,552.5
Singapore	55,546.2	56,967.3	57,562.5	55,841.6	56,922.2	61,190.6	66,799.9	66,034.5	60,716.3	72,399.7
Thailand	5,982.2	6,300.9	6,078.9	5,968.1	6,127.4	6,745.5	7,468.7	8,001.8	7,333.0	7,645.3
Viet Nam	1,746.8	1,898.4	2,041.8	2,102.7	2,204.0	2,376.2	2,528.2	2,713.2	2,785.3	3,674.4
ASEAN²⁾	3,975.1	4,105.2	4,103.5	3,921.6	4,088.9	4,370.0	4,626.9	4,841.5	4,536.0	5,024.2

Source:
ASEAN Secretariat

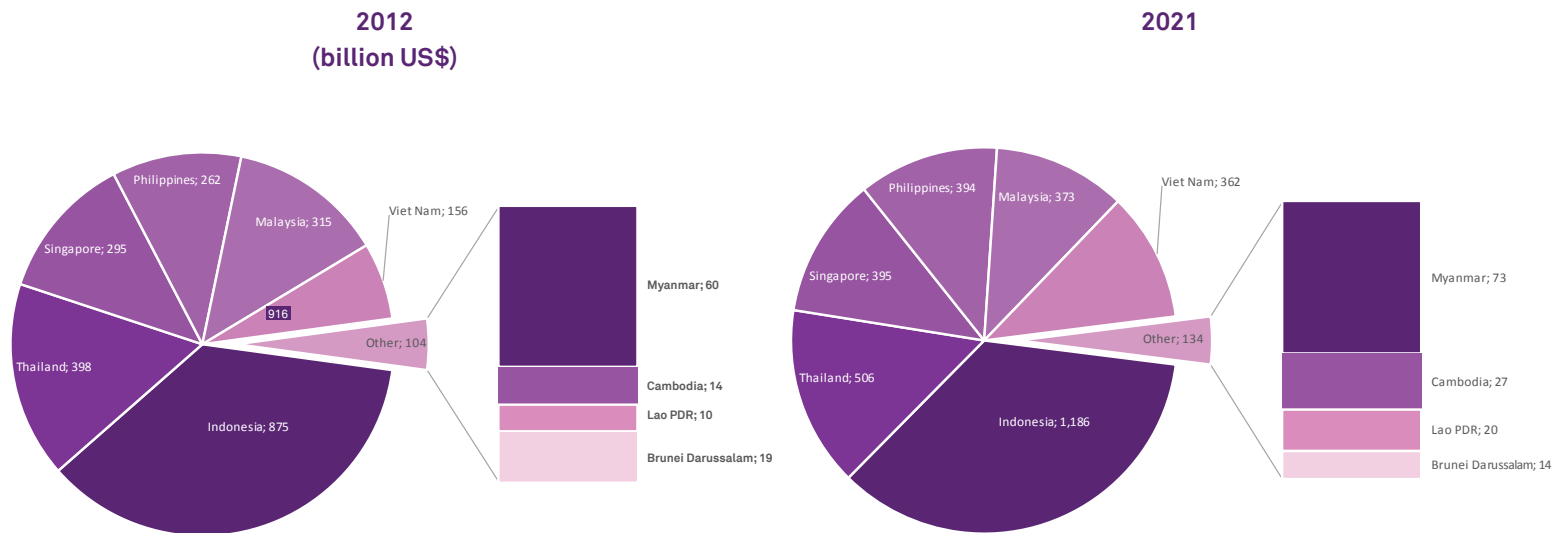
Notes:
1) Computed based on Table 4.1, using period average exchange rate
2) As a proxy, the combined GDP per capita as GDP at current price divided by number of population

Chart 4.1. ASEAN GDP at Current Prices and GDP per capita, 2012-2021



Source: ASEAN Secretariat

Chart 4.2. Total GDP at Current Prices by ASEAN Member States, 2012 and 2021



Source: ASEAN Secretariat

Table 4.6. ASEAN GDP Share of Major Group of Economic Sectors¹⁾, 2019–2021

(in percent)

Country	2019			2020			2021		
	Primary	Secondary	Tertiary	Primary	Secondary	Tertiary	Primary	Secondary	Tertiary
Brunei Darussalam	46.4	17.1	31.1	40.5	19.8	34.2	42.0	22.0	31.1
Cambodia	22.8	32.2	38.8	25.3	31.9	36.6	26.1	33.6	34.2
Indonesia	20.0	31.7	44.2	20.1	31.8	44.4	22.3	30.9	42.8
Lao PDR	21.7	25.8	41.5	21.1	28.6	39.7	20.4	29.6	38.1
Malaysia	15.9	28.8	54.2	15.0	29.2	54.8	17.6	29.8	51.6
Myanmar	26.8	32.5	40.7	25.7	33.8	40.5	26.4	33.4	40.2
Philippines	9.6	29.5	60.9	10.9	27.6	61.4	11.0	27.9	61.1
Singapore	0.0	24.1	60.8	0.0	23.6	61.2	0.0	24.9	59.3
Thailand	10.6	31.2	58.3	10.8	31.2	58.1	10.7	32.6	56.7
Viet Nam	20.7	27.8	41.6	20.4	28.2	41.6	14.8	35.4	40.9

Source:
ASEAN Secretariat

Notes:

1) Major group of economic sectors:

a. Primary Sectors comprises: Agriculture and Mining and Quarrying

b. Secondary sector comprises: Manufacturing, Construction and Utilities (Electricity, Gas and water supply)

c. Tertiary sector 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 primary, secondary, and tertiary 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, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	0.4	0.2	-0.2	-1.0	-1.6	-0.1	0.0	0.3	2.0	2.2
Cambodia	2.5	4.6	2.4	2.8	3.9	2.3	1.6	3.1	2.9	3.7
Indonesia	4.3	8.4	2.7	3.4	3.0	3.6	3.1	2.7	1.7	1.9
Lao PDR	4.7	6.6	2.4	0.9	2.5	0.1	1.5	6.3	3.2	5.3
Malaysia	1.2	3.2	2.7	2.7	1.8	3.4	0.2	1.0	-1.4	3.2
Myanmar	6.0	4.4	-0.1	10.3	6.6	4.0	6.8	9.5	2.0	7.3
Philippines	3.0	4.1	2.7	1.5	2.6	3.3	6.6	2.4	3.3	3.1
Singapore	4.3	1.5	-0.1	-0.6	0.2	0.3	0.5	0.8	0.0	4.0
Thailand	3.6	1.7	0.6	-0.9	1.1	0.8	0.4	0.9	-0.3	2.2
Viet Nam	6.8	6.0	1.8	0.6	4.7	2.8	2.7	5.2	0.2	1.8

Source:
ASEAN Member States, IMF

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

Table 4.8. Inflation Rates in ASEAN, Year-on-Year Average of Period, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	-5.9	0.4	-0.2	-0.4	-0.7	-0.2	0.1	-0.3	1.9	1.7
Cambodia	2.9	2.9	3.9	1.3	3.0	2.2	2.5	1.9	2.9	2.9
Indonesia	4.3	7.0	8.4	6.4	3.5	3.6	3.2	3.0	0.5	1.6
Lao PDR	4.3	6.4	4.2	1.3	1.6	0.8	2.0	3.3	5.1	3.8
Malaysia	1.7	2.1	4.2	2.1	2.1	3.7	0.9	0.7	-1.1	2.5
Myanmar	2.8	5.7	5.5	10.8	7.0	4.5	6.9	8.8	3.9	6.2
Philippines	3.2	2.9	4.2	1.4	1.8	3.2	5.3	2.4	2.4	3.9
Singapore	4.6	2.4	1.0	-0.5	-0.5	0.6	0.4	0.6	-0.2	2.3
Thailand	3.0	2.2	1.9	-0.9	0.2	0.7	1.1	0.7	-0.8	1.2
Viet Nam	9.1	6.6	4.1	0.6	2.7	3.5	3.5	2.8	3.2	1.8

Source:
ASEAN Member States, IMF

Table 4.9. Foreign Exchange Rates in ASEAN, Average of Period¹⁾, 2012-2021

(National currency per US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	1.2	1.2	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.4
Cambodia	4,040.9	4,029.0	4,040.9	4,058.5	4,182.0	4,037.0	4,045.1	4,061.1	4,079.3	4,068.0
Indonesia	9,410.6	10,585.9	11,884.5	13,481.8	13,327.5	13,401.0	14,481.0	13,901.0	14,105.0	14,312.0
Lao PDR	8,006.9	7,851.6	8,045.5	8,131.1	8,134.2	8,299.4	8,422.7	8,679.4	9,381.0	9,421.0
Malaysia	3.1	3.2	3.3	3.9	4.2	4.3	4.0	4.1	4.2	4.1
Myanmar	862.8	935.3	980.2	1,169.2	1,232.3	1,360.3	1,428.6	1,522.6	1,377.5	1,485.1
Philippines	42.2	42.9	44.3	45.5	47.5	50.3	53.0	51.8	49.6	49.3
Singapore	1.2	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.4
Thailand	31.1	30.7	32.5	34.2	35.3	33.9	32.3	31.0	31.3	32.0
Viet Nam	20,828.0	20,933.8	21,130.5	21,620.7	21,908.8	22,343.8	22,982.3	23,050.2	23,153.7	23,203.0

Source:
ASEAN Secretariat

Note:
1) Average for the year was computed as a simple average of the quarterly averages 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, 2012-2021

(National currency per US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	1.4	1.3	1.3	1.2	1.3	1.3	1.4	1.3	1.3	1.4
Cambodia	4,185.5	4,050.5	4,061.5	3,995.0	3,995.0	4,075.0	4,051.7	4,075.0	4,045.0	4,098.7
Indonesia	9,400.0	8,991.0	9,069.0	9,793.0	12,173.0	13,477.0	14,567.0	13,866.0	14,105.0	14,337.0
Lao PDR	8,471.0	8,039.0	8,016.2	7,996.6	8,015.2	8,078.2	8,152.9	8,861.0	9,718.7	9,697.9
Malaysia	3.4	3.1	3.2	3.1	3.3	3.5	4.1	4.1	4.0	4.2
Myanmar	857.0	987.0	1,026.0	1,309.0	1,365.0	1,362.0	1,550.0	1,479.8	1,329.0	1,615.7
Philippines	41.2	44.4	44.6	47.2	49.8	49.9	52.7	50.7	48.1	50.0
Singapore	1.4	1.3	1.3	1.2	1.3	1.3	1.4	1.3	1.3	1.4
Thailand	33.3	30.2	31.7	30.6	32.3	32.7	36.0	30.1	30.2	33.6
Viet Nam	17,941.0	18,932.0	20,828.0	20,828.0	21,036.0	21,246.0	21,890.0	23,155.0	23,131.0	23,159.8

Source:
ASEAN Secretariat

Note:
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⁾, 2012-2021

Country	(in percent)										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Brunei Darussalam	0.23	0.28	0.30	0.34	0.33	0.32	0.35	0.34	0.10	0.14	
Cambodia	4.08	4.03	4.19	4.71	4.84	3.29	3.91	1.44	1.49	1.40	
Indonesia	5.76	7.61	8.94	7.99	6.69	6.10	6.84	6.30	4.38	3.19	
Lao PDR	5.17	5.41	3.07	4.47	3.05	3.04	3.02	4.00	-	-	
Malaysia	2.97	2.97	3.13	3.13	2.92	2.94	3.15	2.98	1.95	1.56	
Myanmar	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	10.00	11.00	8.00	5.83	-	
Philippines	3.03	1.17	1.64	1.78	1.60	2.60	4.10	4.08	-	-	
Singapore	0.14	0.14	0.14	0.18	0.19	4.19	8.19	0.20	0.41	0.12	
Thailand	1.60-2.05	1.50-2.50	1.00-2.50	0.25-2.00	1.06	1.00	2.00	1.42	0.62	0.41	
Viet Nam	10.50	7.14	4.64	5.09	5.08	4.65	5.65	4.98	4.12	3.38	

Source:
ASEAN Secretariat, AMS web
International Financial Statistics (IMF Database)
CEIC Database

Note:
1) 3-Month Deposits in 2012 and 2013 for Viet Nam and 2012-2017 for Brunei Darussalam figures were taken from CEIC database

Table 4.12. Interest Rates in ASEAN: Minimum Lending Rate¹⁾, 2012-2021

Country	(in percent)										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Brunei Darussalam	5.27	5.22	5.20	5.16	5.17	5.18	5.50	5.50	5.50	5.50	
Cambodia	11.79	15.79	19.79	23.79	20.46	17.98	16.02	-	-	-	
Indonesia	11.49	12.12	12.79	12.46	11.36	10.68	10.34	10.37	9.54	8.92	
Lao PDR	13.89	13.49	12.83	11.75	9.40	9.26	9.20	-	-	-	
Malaysia	6.53	6.53	6.79	6.79	6.65	6.68	6.91	4.88	3.94	3.44	
Myanmar	13.00	13.00	13.00	13.00	13.00	13.00	14.00	16.00	14.83	-	
Philippines	5.46	5.72	5.59	6.63	10.63	14.63	18.63	7.10	-	-	
Singapore	5.38	5.38	5.35	5.35	5.35	5.28	5.33	5.25	5.25	5.25	
Thailand	7.00-7.50	7.00-7.40	7.28 -7.88	7.10-7.92	6.25	6.25	7.25	4.08	3.29	3.06	
Viet Nam	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	7.71	7.65	7.81	

Source:
ASEAN Secretariat, AMS web
International Financial Statistics (IMF Database)
CEIC Database

Note:
1) Minimum Lending rate 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, 2012-2021

(in percent)

Country	M2										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Brunei Darussalam	1.0	1.4	3.2	-1.8	1.5	-0.4	2.8	4.3	-0.4	2.7	
Cambodia	20.9	14.6	30.0	14.7	17.9	47.3	4.2	18.2	15.3	-	
Indonesia	15.0	12.8	11.9	9.0	10.0	8.3	6.3	6.5	12.4	14.0	
Lao PDR	31.0	17.0	25.2	14.7	10.9	12.2	8.4	18.9	16.3	24.0	
Malaysia	9.0	7.3	7.3	3.0	3.2	4.9	8.0	2.7	4.9	6.4	
Myanmar	31.7	32.5	21.0	30.7	17.4	22.9	14.6	15.5	18.2	-	
Philippines	9.6	29.5	12.2	9.3	13.4	11.4	8.7	9.8	9.6	10.6	
Singapore	7.6	4.3	3.4	1.7	7.7	3.2	1.7	5.0	13.2	10.9	
Thailand	15.9	7.3	4.6	4.4	4.2	5.0	4.7	3.6	10.1	5.9	
Viet Nam	15.8	21.4	19.7	14.9	17.9	13.8	12.4	13.6	13.6	12.0	

Source:
ASEAN Secretariat, AMS web
International Financial Statistics (IMF Database)
Asian Development Bank (ADB)
CEIC Database

Note:
1) M1 instead of M2 for Malaysia and M4 for Philippines.
-/- not available at the time of publication

Table 4.14. Money Growth (M1) in ASEAN, Year-on-Year end of the period, 2012-2021

(in percent)

Country	M1										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Brunei Darussalam	1.5	4.0	-1.5	6.5	-0.1	-5.7	-3.0	6.6	20.8	6.5	
Cambodia	2.3	20.6	30.4	6.7	7.2	85.9	-24.4	18.0	-2.1	-	
Indonesia	16.4	5.4	6.2	12.0	17.3	12.4	4.8	7.4	18.5	23.0	
Lao PDR	16.4	5.4	6.3	4.2	-7.6	19.3	5.4	18.9	11.1	23.2	
Malaysia	11.9	13.1	5.6	4.0	5.6	11.0	0.9	3.5	15.7	10.4	
Myanmar	14.1	25.9	13.6	31.9	0.7	3.5	8.7	18.0	-	-	
Philippines	7.7	27.3	13.2	15.2	15.1	16.1	9.1	11.3	15.3	16.5	
Singapore	7.7	9.9	3.6	0.1	7.7	6.3	0.4	5.0	32.8	30.0	
Thailand	20.3	3.9	1.3	5.7	4.8	9.4	2.8	3.6	14.2	15.0	
Viet Nam	21.9	27.9	21.2	18.0	18.1	12.4	9.7	12.1	27.1	7.0	

Source:
ASEAN Secretariat, AMS web
International Financial Statistics (IMF Database)
Asian Development Bank (ADB)
CEIC Database

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

Table 4.15. Reserve Money in ASEAN, 2012-2021

(in billions of national currency)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	4.3	4.5	4.7	4.7	4.8	4.8	4.6	5.8	5.3	-
Cambodia	13,129.0	14,840.0	18,492.0	22,501.0	28,419.0	36,692.6	59,183.0	76,233.5	86,273.7	83,080.0
Indonesia	704,843.2	821,679.2	918,433.7	945,915.9	989,565.0	1,085,796.3	1,069,554.0	1,116,772.0	1,917,094.0	2,077,544.0
Lao PDR	6,476.7	6,840.1	12,907.0	18,223.6	18,966.0	19,718.8	8,257.9	9,267.6	13,534.3	14,312.1
Malaysia	431.1	426.2	380.2	375.5	395.3	437.6	409.5	429.3	432.0	491.7
Myanmar	8,410.3	10,050.0	11,855.0	12,477.0	6,030.1	7,073.7	7,708.6	8,842.7	10,193.5	-
Philippines	1,475.3	1,925.9	2,323.9	2,467.1	2,757.8	3,136.7	4,193.9	4,636.5	5,289.5	5,441.9
Singapore	332.3	347.6	331.5	346.3	346.8	393.5	394.9	389.4	489.0	578.8
Thailand	1,497.8	1,581.3	1,666.8	1,710.1	1,816.4	1,939.9	6,644.4	6,965.7	7,796.8	8,264.7
Viet Nam	655,511.0	695,652.9	825,687.4	985,307.4	1,111,230.3	1,096,536.3	1,274,428.3	1,805,636.9	2,193,596.4	2,533,016.5

Source:
 ASEAN Secretariat
 International Financial Statistics (IMF Database)
 World Bank Database

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

Table 4.16. Government Budget Deficit in ASEAN, as a Percentage of GDP, 2012-2021

(as percent of GDP)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	15.5	7.6	-1.0	-14.0	-21.7	-10.4	-3.6	-7.1	-17.1	-8.0
Cambodia	-	-	-4.9	-4.7	-4.2	0.0	-5.1	5.3	-2.6	-5.3
Indonesia	-1.9	-2.2	-2.1	-1.8	-2.2	-2.7	-2.1	-1.7	-6.2	-4.6
Lao PDR	-1.3	-4.3	-3.6	-5.9	-5.2	-5.6	-4.6	-5.0	-5.3	-5.7
Malaysia	-4.5	-3.9	0.1	-3.2	-3.1	-2.9	-3.7	-3.4	-3.5	-5.5
Myanmar	-	-	-	-	-	-	-	-5.0	-4.9	-8.1
Philippines	-2.3	-1.4	-0.6	-0.9	-2.4	-2.2	-3.2	-3.5	-7.6	-8.6
Singapore	1.6	1.3	0.1	-1.0	1.2	2.1	0.4	-0.7	-6.3	-0.9
Thailand	-4.2	-1.9	-2.9	-2.9	-2.3	0.0	-2.5	-0.8	-6.1	-7.0
Viet Nam	-	-	-	-	-	-	-	-3.4	-5.8	-3.5

Source:
ASEAN Secretariat
International Financial Statistics (IMF Database)
Asian Development Bank (ADB)

Note:
* - not available at the time of publication

Table 4.17. Government Budget Deficit in ASEAN, 2012-2021

(in million of national currency)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	3,700.5	1,719.8	-213.1	-2,481.9	-3,415.2	-1,743.2	-659.0	-1,469.0	-2,831.9	-1,509.5
Cambodia	-	-	-3,319,080.0	-3,450,430.0	-3,415,210.0	0.0	-5,076,758.0	5,895,169.9	-2,642,297.2	-5,856,813.5
Indonesia	-190,105,330.0	-224,186,270.0	-241,494,270.0	-222,506,900.0	-296,723,860.0	-397,235,750.0	-325,936,640.0	-296,000,240.0	-956,300,000.0	-775,100,000.0
Lao PDR	-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	-9,249,103.4	-9,156,771.2	-10,543,977.9
Malaysia	2,376.0	2,101.0	1,037.0	-37,194.0	-38,400.9	-40,321.0	-53,327.0	-53,273.0	-49,676.1	-84,377.3
Myanmar	-	-	-	-	-	-	-	-5,396,851.1	-5,523,633.3	-8,764,663.6
Philippines	-242,909.0	-164,000.0	-73,092.0	-121,689.0	-353,422.0	-350,637.0	-557,638.5	-687,696.8	-1,368,592.7	-1,670,000.0
Singapore	5,821.1	4,998.2	571.5	-4,049.7	5,180.0	9,608.0	1,964.7	-3,610.5	-29,448.0	-5,000.0
Thailand	-516,500.0	-239,000.0	-384,400.0	-402,300.0	-341,800.0	0.0	-407,950.8	-135,032.2	-957,595.4	-1,137,363.9
Viet Nam	-	-	-	-	-	-	-	-202,854,892.8	-363,109,994.0	-291,431,635.8

Source:
ASEAN Secretariat
International Financial Statistics (IMF Database)
Asian Development Bank (ADB)

Note:
* - not available at the time of publication

Chapter 5

TRADE IN GOODS



Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2012-2021

(in million US\$)										
Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Trade in Goods										
Brunei Darussalam	16,854.7	15,057.4	14,180.7	9,592.2	8,694.4	8,676.3	10,728.8	12,141.8	11,950.9	18,686.1
Cambodia	12,797.2	14,877.5	16,408.1	20,355.0	22,443.9	25,562.7	30,190.3	34,580.2	36,380.1	42,440.2
Indonesia	381,721.3	369,180.5	354,158.8	292,977.1	280,839.0	325,813.7	368,724.0	338,958.7	304,760.6	427,799.5
Lao PDR	4,194.7	6,540.1	7,024.6	6,763.5	9,015.3	10,069.4	11,248.4	11,606.8	10,100.5	13,584.8
Malaysia	423,942.4	434,019.5	442,777.8	375,168.8	358,089.2	412,471.5	466,642.8	443,013.8	425,340.7	537,501.6
Myanmar	17,173.2	23,275.5	27,256.7	28,275.9	27,542.4	33,131.4	36,058.7	36,575.0	34,918.4	28,463.9
Philippines	117,381.6	119,108.9	130,806.1	128,834.5	142,248.0	170,614.8	188,310.3	188,301.3	160,375.8	201,936.8
Singapore	801,432.0	807,988.7	793,292.7	666,003.8	629,992.6	700,945.8	782,656.9	749,953.0	704,420.8	862,846.2
Thailand	477,301.9	478,247.4	455,525.9	417,147.4	409,994.2	459,457.7	432,977.9	483,249.1	438,852.6	540,318.2
Viet Nam	227,793.3	264,774.0	293,777.1	327,743.7	351,038.5	424,557.0	480,567.6	518,052.4	542,751.0	666,544.9
TOTAL	2,480,592.1	2,533,069.2	2,535,208.4	2,272,861.8	2,239,897.4	2,571,300.3	2,808,105.7	2,816,432.0	2,669,851.3	3,340,122.1
Intra-ASEAN Trade in Goods										
Brunei Darussalam	3,707.2	4,488.0	3,860.7	2,644.9	2,783.1	3,126.4	3,193.5	4,124.3	4,667.6	6,276.3
Cambodia	3,282.3	3,345.0	3,278.0	5,366.8	5,483.7	6,647.5	7,985.5	8,949.9	11,099.4	12,127.4
Indonesia	95,654.5	94,661.0	90,571.3	72,485.0	68,647.6	78,629.4	87,927.1	81,352.4	68,300.6	88,032.3
Lao PDR	2,589.2	3,963.0	4,877.0	4,356.9	6,038.3	6,190.7	7,027.6	5,929.5	5,596.5	7,700.6
Malaysia	115,816.1	118,968.9	118,965.0	102,847.8	97,149.9	113,241.7	126,824.3	118,095.2	106,818.9	139,091.0
Myanmar	8,391.9	10,211.5	11,454.1	11,294.8	9,430.6	11,512.0	12,880.3	12,370.0	11,489.8	11,771.1
Philippines	24,758.3	22,786.2	25,616.1	25,578.9	30,895.5	36,735.1	41,147.9	41,434.8	35,333.5	48,002.9
Singapore	213,957.9	216,127.5	205,968.8	172,677.5	162,108.1	179,035.9	200,429.2	190,476.4	174,011.6	214,011.6
Thailand	99,535.5	103,668.6	102,725.3	96,236.8	94,258.6	104,436.9	102,222.3	111,742.8	97,725.3	113,870.0
Viet Nam	37,947.4	39,531.9	40,797.7	41,891.1	41,159.1	49,561.0	56,447.5	57,030.7	53,580.0	69,893.4
TOTAL	605,640.2	617,751.6	608,113.8	535,380.4	517,954.4	589,116.7	644,654.1	632,604.3	567,105.8	710,776.4
Extra-ASEAN Trade in Goods										
Brunei Darussalam	13,147.5	10,569.4	10,320.1	6,947.2	5,911.2	5,549.9	7,535.2	8,017.4	7,283.3	12,409.7
Cambodia	9,514.8	11,532.5	13,130.1	14,988.2	16,960.2	18,915.1	22,204.8	25,630.3	25,280.7	30,312.8
Indonesia	286,066.9	274,519.5	263,587.6	220,492.1	212,191.4	247,184.3	280,796.9	257,606.3	238,460.1	339,767.2
Lao PDR	1,805.5	2,577.1	2,147.6	2,406.6	2,977.1	3,878.7	5,651.8	4,579.2	4,171.0	5,884.2
Malaysia	308,126.4	315,050.6	323,812.9	272,321.0	260,939.3	299,229.8	339,818.5	324,918.6	318,521.7	398,410.7
Myanmar	8,781.2	13,064.0	15,802.6	16,981.2	18,111.9	21,619.4	23,178.5	24,205.0	23,428.6	16,692.8
Philippines	92,623.3	96,322.7	105,190.0	103,255.7	111,352.5	133,879.7	147,162.5	146,866.5	125,042.3	153,933.9
Singapore	587,474.1	591,861.1	587,323.9	493,326.3	467,884.5	521,909.9	582,227.7	559,476.6	530,259.5	648,834.6
Thailand	377,766.4	374,578.7	352,800.6	320,910.6	315,735.5	355,020.7	330,755.7	371,506.3	341,127.3	426,448.2
Viet Nam	189,845.9	225,979.4	252,979.4	285,852.6	309,879.4	374,996.0	424,120.1	461,021.6	489,171.0	596,651.5
TOTAL	1,874,951.9	1,915,317.6	1,927,094.6	1,737,481.4	1,721,943.1	1,982,183.6	2,163,451.6	2,183,827.8	2,102,745.5	2,629,345.8

Source:
ASEAN Secretariat

Table 5.2. ASEAN Exports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	13,180.6	11,445.6	10,584.1	6,353.9	6,024.1	5,588.3	6,571.4	7,039.1	6,607.7	11,456.4
Cambodia	5,330.6	6,665.9	6,748.7	8,557.7	10,073.1	11,278.1	12,700.3	14,844.8	17,412.0	16,949.6
Indonesia	190,031.9	182,551.8	175,980.0	150,282.3	145,186.2	168,828.2	180,012.7	167,683.0	163,191.8	231,609.5
Lao PDR	1,597.1	2,987.8	2,572.2	2,985.1	4,531.8	4,909.7	5,400.4	5,809.4	5,086.9	7,699.6
Malaysia	227,544.1	228,223.4	233,927.4	199,157.9	189,659.2	217,722.0	248,671.7	238,089.0	234,609.6	299,333.8
Myanmar	8,374.8	11,232.9	11,030.6	11,432.3	11,836.6	13,878.0	16,703.7	17,997.1	16,949.8	14,156.9
Philippines	51,995.2	53,978.3	62,101.6	58,648.4	56,312.9	68,712.9	69,307.4	70,927.0	65,214.5	67,928.8
Singapore	415,614.0	419,936.7	415,377.8	357,905.9	338,083.2	383,252.4	411,973.3	390,689.9	374,824.8	456,805.2
Thailand	229,529.3	228,730.2	227,573.6	214,396.2	215,326.6	236,694.2	241,010.5	246,140.7	231,408.2	271,314.7
Viet Nam	114,510.7	132,664.1	148,091.5	162,013.9	176,575.1	213,931.5	243,698.7	264,610.3	281,441.5	335,792.6
TOTAL	1,257,708.2	1,278,416.6	1,293,987.5	1,171,733.6	1,153,608.7	1,324,795.3	1,436,049.9	1,423,830.2	1,396,746.7	1,713,047.1

Source:
ASEAN Secretariat

Table 5.3. ASEAN Imports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	3,674.1	3,611.8	3,596.6	3,238.2	2,670.2	3,088.0	4,157.4	5,102.7	5,343.2	7,229.7
Cambodia	7,466.6	8,211.6	9,659.4	11,797.3	12,370.9	14,284.5	17,490.0	19,735.4	18,968.0	25,490.5
Indonesia	191,689.5	186,628.7	178,178.8	142,694.8	135,652.8	156,985.6	188,711.3	171,275.7	141,568.8	196,190.0
Lao PDR	2,597.5	3,552.3	4,452.4	3,778.4	4,483.5	5,159.7	5,848.0	5,797.4	5,013.6	5,885.2
Malaysia	196,398.3	205,796.1	208,850.5	176,010.8	168,430.0	194,749.5	217,971.1	204,924.8	190,731.1	238,167.8
Myanmar	8,798.3	12,042.6	16,226.1	16,843.6	15,705.9	19,253.5	19,355.1	18,577.9	17,968.6	14,307.0
Philippines	65,386.4	65,130.6	68,704.5	70,186.1	85,935.1	101,901.9	119,002.9	117,374.3	95,161.3	134,007.9
Singapore	385,818.0	388,051.9	377,914.8	308,097.9	291,909.4	317,693.4	370,683.6	359,263.2	329,596.0	406,041.0
Thailand	247,772.6	249,517.1	227,952.3	202,751.2	194,667.5	222,763.5	191,967.4	237,108.4	207,444.4	269,003.5
Viet Nam	113,282.5	132,109.9	145,685.6	165,729.9	174,463.4	210,625.5	236,868.9	253,442.0	261,309.5	330,752.3
TOTAL	1,222,883.9	1,254,652.6	1,241,220.9	1,101,128.3	1,086,288.7	1,246,505.0	1,372,055.8	1,392,601.8	1,273,104.6	1,627,075.0

Source:
ASEAN Secretariat

Table 5.4. Extra-ASEAN Exports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	11,076.5	8,801.2	8,491.1	5,114.4	4,531.4	3,793.3	4,724.1	4,552.2	3,953.2	7,749.0
Cambodia	4,813.7	6,139.1	6,386.5	7,868.2	9,202.9	10,155.5	11,745.6	13,484.6	13,639.5	15,746.8
Indonesia	148,200.8	141,921.8	136,311.9	116,710.0	111,355.9	129,561.8	138,099.5	126,218.5	126,771.6	183,587.9
Lao PDR	692.5	1,642.2	1,181.4	1,407.1	1,807.0	1,781.4	3,624.6	2,296.6	2,158.1	3,347.0
Malaysia	166,597.2	164,275.9	168,688.7	142,988.8	133,913.8	154,490.2	177,539.1	169,531.9	169,534.0	216,475.7
Myanmar	3,986.4	5,774.1	6,670.6	7,142.8	8,325.2	9,985.9	12,501.8	13,713.6	12,564.2	9,613.6
Philippines	42,190.9	45,363.4	52,890.0	50,111.5	47,912.3	58,585.1	58,126.4	60,111.3	54,970.7	56,839.5
Singapore	281,890.3	281,990.6	285,179.2	250,102.9	238,708.3	275,163.5	290,069.8	278,663.3	280,827.5	335,527.6
Thailand	172,798.8	169,409.7	168,147.8	159,231.2	160,669.6	177,030.3	176,048.2	183,255.6	175,904.3	206,230.2
Viet Nam	97,437.9	114,485.2	129,831.0	143,950.1	159,286.0	192,422.8	219,064.5	239,690.8	258,312.9	307,012.8
TOTAL	929,684.7	939,803.3	963,778.1	884,627.2	875,712.4	1,012,970.0	1,091,543.4	1,091,518.3	1,098,635.9	1,342,130.1

Source:
ASEAN Secretariat

Table 5.5. Intra-ASEAN Exports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	2,104.2	2,644.4	2,093.0	1,239.5	1,492.7	1,794.9	1,847.3	2,486.9	2,654.5	3,707.4
Cambodia	516.9	526.8	362.2	689.5	870.2	1,122.6	954.7	1,360.2	3,772.6	1,202.8
Indonesia	41,831.1	40,630.0	39,668.1	33,572.3	33,830.3	39,266.4	41,913.2	41,464.5	36,420.3	48,021.6
Lao PDR	904.7	1,345.6	1,390.8	1,578.0	2,724.9	3,128.3	1,775.8	3,512.7	2,928.8	4,352.6
Malaysia	60,946.9	63,947.5	65,238.6	56,169.1	55,745.4	63,231.8	71,132.6	68,557.1	65,075.6	82,858.1
Myanmar	4,388.5	5,458.8	4,360.0	4,289.5	3,511.4	3,892.1	4,201.9	4,283.5	4,385.6	4,543.3
Philippines	9,804.4	8,614.9	9,211.7	8,536.9	8,400.6	10,127.8	11,181.1	10,815.7	10,243.8	11,089.4
Singapore	133,723.7	137,946.1	130,198.7	107,802.9	99,374.9	108,088.9	121,903.5	112,026.6	93,997.3	121,277.6
Thailand	56,730.5	59,320.5	59,425.8	55,165.0	54,657.0	59,663.9	64,962.3	62,885.1	55,503.9	65,084.5
Viet Nam	17,072.8	18,178.9	18,260.5	18,063.7	17,289.1	21,508.6	24,634.2	24,919.6	23,128.6	28,779.8
TOTAL	328,023.5	338,613.4	330,209.5	287,106.4	277,896.3	311,825.3	344,506.5	332,311.9	298,110.9	370,917.0

Source:
ASEAN Secretariat

Table 5.6. Extra-ASEAN Imports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	2,071.0	1,768.2	1,828.9	1,832.8	1,379.8	1,756.5	2,811.2	3,465.2	3,330.1	4,660.7
Cambodia	4,701.2	5,393.4	6,743.6	7,120.0	7,757.3	8,759.6	10,459.2	12,145.7	11,641.2	14,566.0
Indonesia	137,866.1	132,597.7	127,275.7	103,782.1	100,835.5	117,622.6	142,697.4	131,387.8	111,688.5	156,179.3
Lao PDR	913.0	934.9	966.2	999.5	1,170.1	2,097.3	2,027.3	2,282.5	2,012.9	2,537.2
Malaysia	141,529.2	150,774.7	155,124.2	129,332.2	127,025.5	144,739.6	162,279.4	155,386.7	148,987.8	181,935.0
Myanmar	4,794.9	7,289.9	9,132.0	9,838.3	9,786.7	11,633.5	10,676.7	10,491.4	10,864.4	7,079.2
Philippines	50,432.5	50,959.3	52,300.0	53,144.2	63,440.3	75,294.6	89,036.1	86,755.2	70,071.7	97,094.5
Singapore	305,583.8	309,870.5	302,144.7	243,223.4	229,176.3	246,746.4	292,157.9	280,813.3	249,432.0	313,307.0
Thailand	204,967.6	205,169.0	184,652.9	161,679.3	155,065.9	177,990.4	154,707.4	188,250.7	165,223.0	220,218.1
Viet Nam	92,408.0	110,756.9	123,148.4	141,902.5	150,593.4	182,573.1	205,055.6	221,330.9	230,858.1	289,638.7
TOTAL	945,267.2	975,514.4	963,316.6	852,854.3	846,230.7	969,213.6	1,071,908.2	1,092,309.4	1,004,109.6	1,287,215.7

Source:
ASEAN Secretariat

Table 5.7. Intra-ASEAN Imports of Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	1,603.0	1,843.7	1,767.7	1,405.4	1,290.4	1,331.5	1,346.2	1,637.5	2,013.1	2,569.0
Cambodia	2,765.4	2,818.3	2,915.8	4,677.3	4,613.6	5,524.9	7,030.8	7,589.7	7,326.8	10,924.5
Indonesia	53,823.4	54,031.0	50,903.1	38,912.7	34,817.3	39,363.0	46,013.9	39,887.9	29,880.3	40,010.7
Lao PDR	1,684.5	2,617.4	3,486.2	2,778.9	3,313.4	3,062.4	3,820.7	3,514.9	3,000.7	3,348.0
Malaysia	54,869.1	55,021.4	53,726.3	46,678.7	41,404.5	50,010.0	55,691.7	49,538.1	41,743.4	56,232.9
Myanmar	4,003.5	4,752.7	7,094.1	7,005.3	5,919.2	7,619.9	8,678.4	8,086.5	7,104.2	7,227.8
Philippines	14,953.9	14,171.4	16,404.4	17,042.0	22,494.8	26,607.3	29,966.8	30,619.1	25,089.6	36,913.5
Singapore	80,234.2	78,181.4	75,770.1	64,874.5	62,733.2	70,947.0	78,525.7	78,449.9	80,164.0	92,734.0
Thailand	42,805.0	44,348.1	43,299.5	41,071.8	39,601.6	44,773.1	37,260.0	48,857.7	42,221.4	48,785.5
Viet Nam	20,874.6	21,353.0	22,537.1	23,827.4	23,870.1	28,052.4	31,813.3	32,111.2	30,451.4	41,113.6
TOTAL	277,616.7	279,138.3	277,904.3	248,274.0	240,058.1	277,291.4	300,147.5	300,292.4	268,994.9	339,859.3

Source:
ASEAN Secretariat

Table 5.8. ASEAN Balance of Trade¹⁾ in Goods by Country, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	9,506.5	7,833.7	6,987.6	3,115.7	3,353.9	2,500.2	2,414.0	1,936.4	1,264.6	4,226.7
Cambodia	-2,136.1	-1,545.7	-2,910.7	-3,239.7	-2,297.8	-3,006.4	-4,789.7	-4,890.6	-1,556.0	-8,540.9
Indonesia	-1,657.6	-4,076.9	-2,198.8	7,587.5	9,533.4	11,842.6	-8,698.7	-3,592.7	21,623.1	35,419.5
Lao PDR	-1,000.4	-564.5	-1,880.2	-793.3	48.3	-250.0	-447.7	11.9	73.2	1,814.4
Malaysia	31,145.8	22,427.3	25,076.9	23,147.1	21,229.2	22,972.5	30,700.6	33,164.2	43,878.4	61,165.9
Myanmar	-423.5	-809.7	-5,195.4	-5,411.3	-3,869.3	-5,375.5	-2,651.4	-580.7	-1,018.9	-150.1
Philippines	-13,391.2	-11,152.4	-6,602.9	-11,537.8	-29,622.2	-33,189.0	-49,695.5	-46,447.3	-29,946.8	-66,079.1
Singapore	29,795.9	31,884.8	37,463.0	49,807.9	46,173.8	65,559.1	41,289.7	31,426.7	45,228.8	50,764.2
Thailand	-18,243.3	-20,786.9	-378.7	11,645.1	20,659.1	13,930.7	49,043.1	9,032.3	23,963.8	2,311.1
Viet Nam	1,228.2	554.2	2,405.9	-3,716.0	2,111.7	3,305.9	6,829.8	11,168.3	20,131.9	5,040.3
TOTAL	34,824.3	23,764.0	52,766.6	70,605.3	67,320.0	78,290.2	63,994.2	31,228.4	123,642.2	85,972.1

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 Partners, 2012-2021

(in million US\$)

Trading Partner	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
ASEAN	605,640.2	617,751.6	608,113.8	535,380.4	517,954.4	589,116.7	644,654.1	632,604.3	567,105.8	710,776.4
Trading Partner	1,874,951.9	1,915,317.6	1,927,094.6	1,737,481.4	1,721,943.0	1,982,183.6	2,163,451.6	2,183,827.8	2,102,745.5	2,629,345.7
Australia	70,438.8	69,053.1	73,395.2	57,492.6	52,878.8	59,108.1	65,633.2	63,090.9	54,876.8	82,121.8
Canada	12,332.7	13,529.3	13,331.2	12,655.2	12,633.6	13,796.7	15,544.7	17,141.9	16,279.5	18,927.9
China	319,389.7	351,583.4	366,711.2	363,496.8	368,567.3	440,973.3	478,535.1	507,963.2	518,617.7	669,200.4
EU-27	210,084.3	214,703.2	218,259.8	201,504.4	205,371.9	230,369.9	252,190.0	245,073.7	226,783.0	268,818.8
India	71,252.0	68,269.4	67,993.1	60,165.7	58,592.2	73,668.7	80,427.7	77,097.8	65,711.1	91,552.2
Japan	264,459.1	240,430.9	229,094.7	202,800.1	202,417.6	218,805.8	230,112.8	226,029.2	204,981.3	240,389.0
Korea, Republic of	131,468.1	134,864.2	131,438.3	120,566.7	124,466.9	154,849.5	160,727.7	156,506.5	154,966.7	189,594.0
New Zealand	9,286.8	9,789.0	10,706.0	8,753.0	7,899.6	9,504.6	10,231.8	10,341.3	9,044.7	11,144.1
Russia	18,142.0	19,984.1	22,571.1	13,969.0	11,956.8	16,748.0	19,922.0	18,198.0	14,096.5	18,157.8
United Kingdom	32,596.1	31,831.4	29,919.4	29,150.7	28,207.2	30,389.7	34,678.9	35,744.9	31,805.4	31,618.7
USA	199,803.4	205,313.1	211,507.9	210,582.4	211,810.0	233,833.8	262,126.2	294,793.3	309,088.8	364,456.5
Rest of the World	535,699.1	555,966.6	552,166.6	456,344.9	437,141.2	500,135.5	553,321.8	531,847.1	496,494.0	643,364.5
TOTAL	2,480,592.1	2,533,069.2	2,535,208.4	2,272,861.8	2,239,897.4	2,571,300.3	2,808,105.7	2,816,432.1	2,669,851.4	3,340,122.1

Source:
ASEAN Secretariat

Chart 5.1. ASEAN Total of Exports and Imports of Goods, 2012-2021

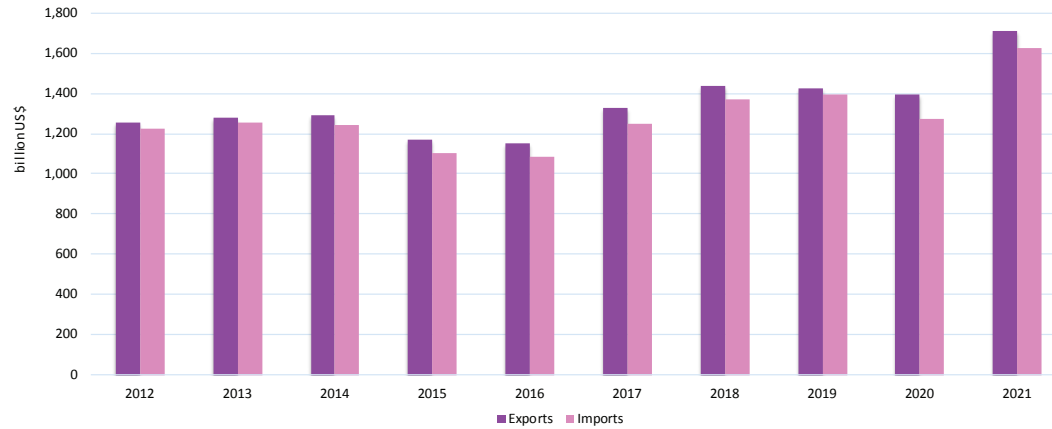
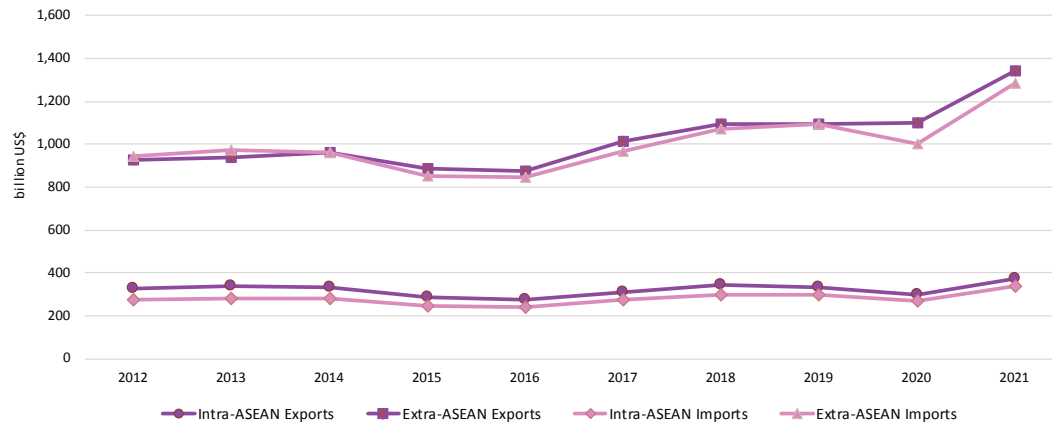


Chart 5.2. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, 2012-2021



Source: ASEAN Secretariat

Chart 5.3. ASEAN Total of Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2012-2021

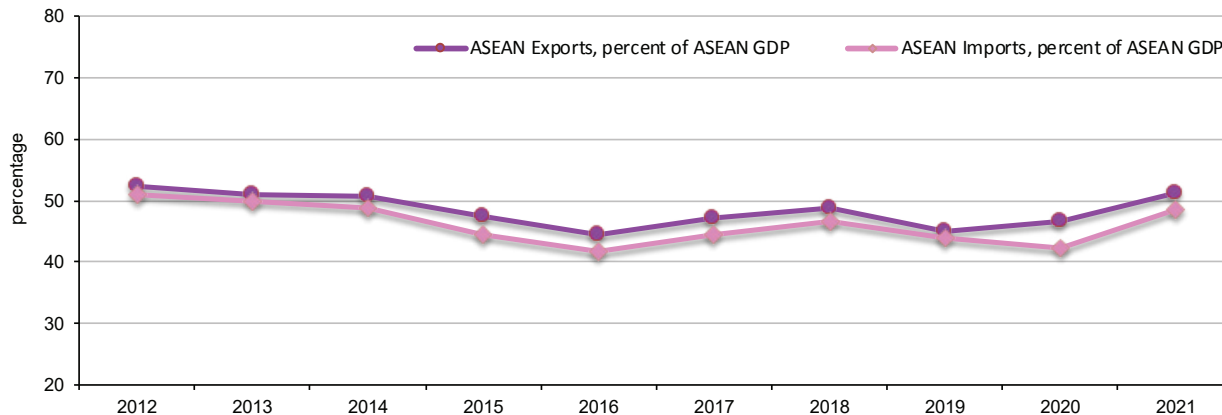
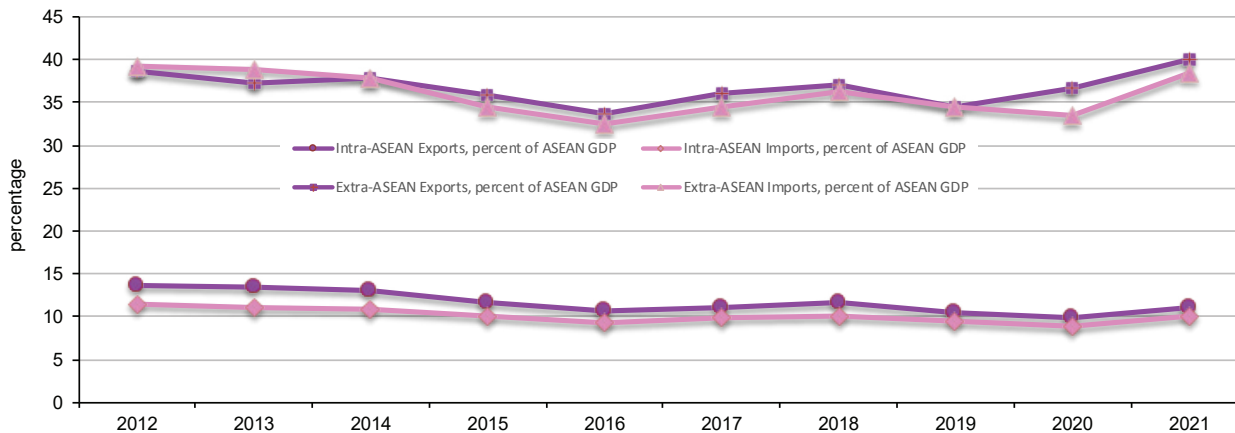


Chart 5.4. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2012-2021



Source: ASEAN Secretariat

Chart 5.5. ASEAN Total of Extra-ASEAN Exports of Goods by Country, 2012-2021

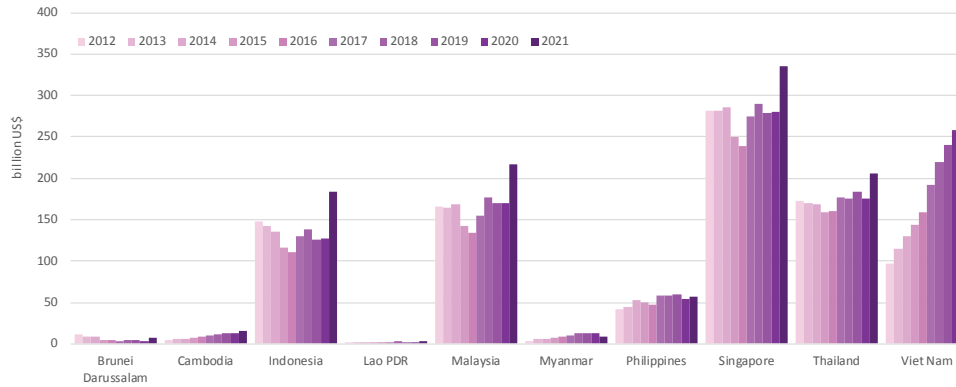
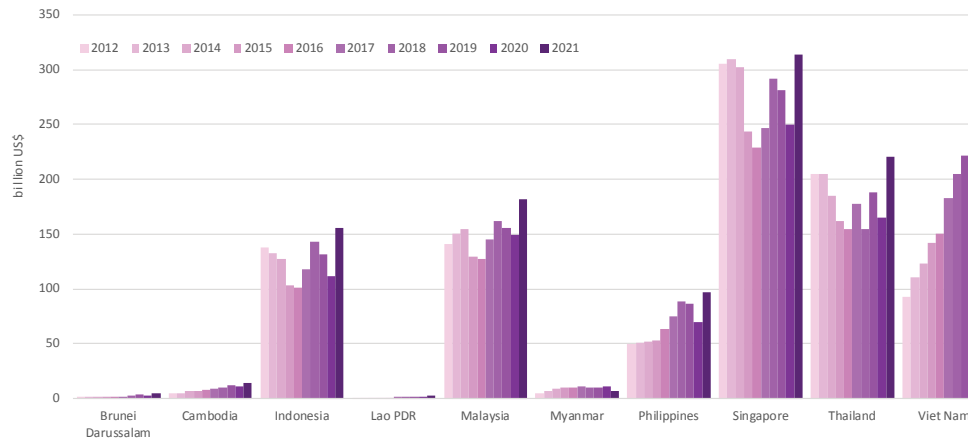


Chart 5.6. ASEAN Total of Extra-ASEAN Imports of Goods by Country, 2012-2021



Source: ASEAN Secretariat

Chart 5.7. ASEAN Total of Intra-ASEAN Exports of Goods by Country, 2012-2021

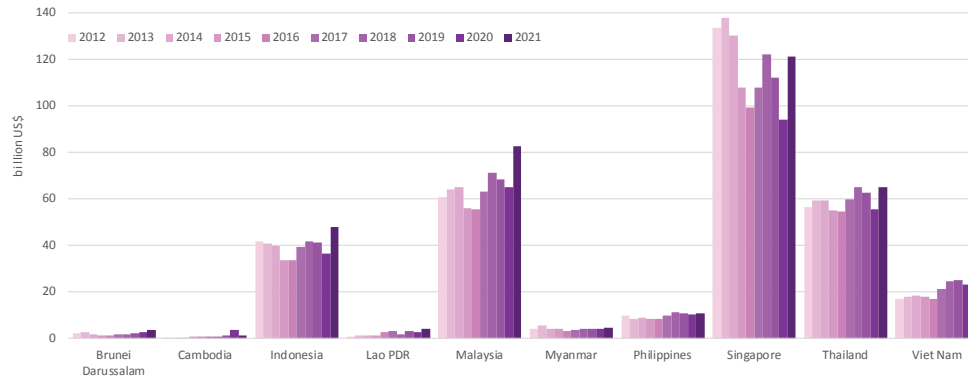
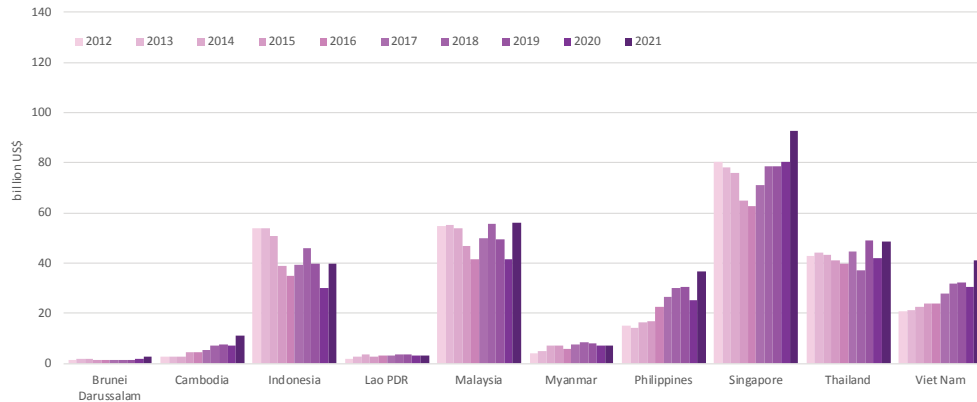


Chart 5.8. ASEAN Total of Intra-ASEAN Imports of Goods by Country, 2012-2021



Source: ASEAN Secretariat

Chart 5.9. Share of Extra and Intra-ASEAN to ASEAN Total Exports of Goods, 2012-2021

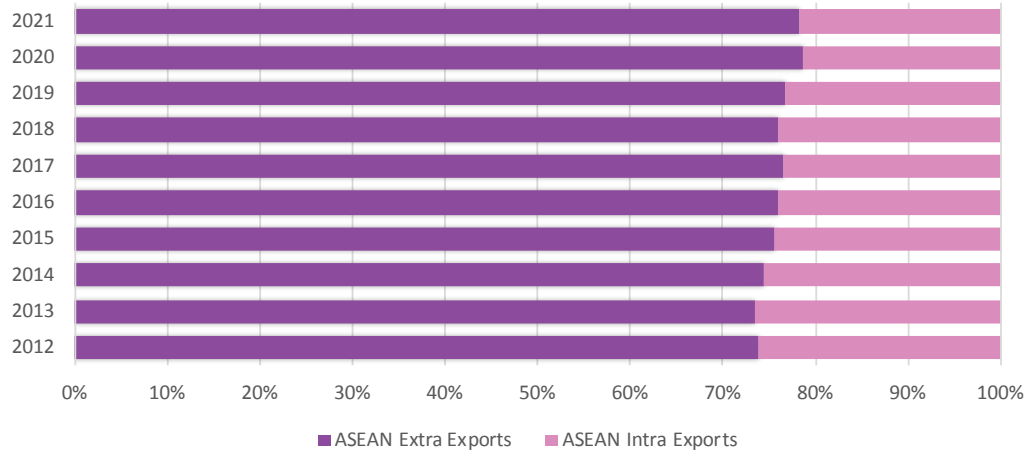
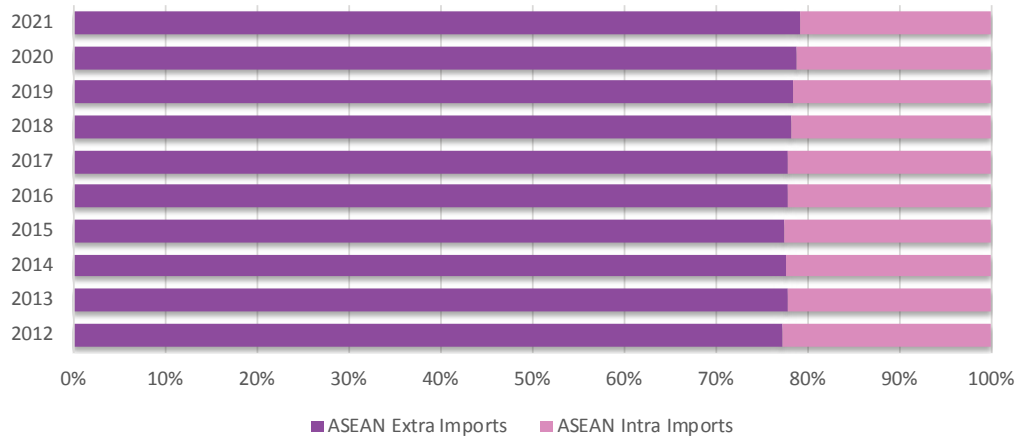


Chart 5.10. Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods, 2012-2021



Source: ASEAN Secretariat

Table 5.10. ASEAN Exports and Imports of Goods by Trading Partners, 2012-2021

(in million US\$)

Trading Partner	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
EXPORT OF GOODS										
ASEAN	328,023.5	338,613.3	330,209.5	287,106.4	277,896.3	311,825.3	344,506.5	332,311.9	298,110.9	370,917.1
Trading Partner	929,684.7	939,803.2	963,778.1	884,627.2	875,712.4	1,012,970.0	1,091,543.4	1,091,518.3	1,098,635.9	1,342,130.0
Australia	46,049.4	45,296.5	45,223.0	35,790.9	33,083.4	34,603.9	39,209.4	35,441.1	31,252.1	42,988.6
Canada	6,580.3	7,240.1	7,464.7	7,182.4	7,395.5	7,822.5	8,728.1	9,960.4	9,990.2	11,861.1
China	142,540.0	153,378.5	154,012.6	145,291.4	143,965.3	187,027.6	197,679.5	202,550.0	218,890.0	280,758.6
EU-27	106,745.4	108,436.9	115,846.3	110,472.2	113,482.4	138,485.5	141,190.0	134,511.9	130,298.2	152,253.6
India	43,595.1	42,326.3	43,694.2	40,553.4	37,762.6	45,393.9	50,613.6	48,299.7	39,398.5	53,810.1
Japan	127,932.7	122,553.7	120,158.4	101,941.2	96,554.8	105,945.6	114,767.3	109,910.5	102,740.6	113,870.2
Korea, Republic of	55,390.1	52,842.0	51,625.4	45,420.8	45,917.6	56,731.9	60,485.7	59,379.9	58,579.5	68,668.3
New Zealand	5,621.6	5,683.7	6,376.4	5,225.7	4,547.0	5,461.3	6,093.5	6,000.9	5,041.4	6,732.3
Russia	4,878.1	5,247.7	5,414.4	4,268.9	4,782.1	5,865.6	5,959.4	6,103.1	5,988.3	7,337.5
United Kingdom	18,080.7	16,108.7	16,660.1	16,914.8	16,950.9	19,181.3	19,588.6	19,596.0	17,709.3	18,129.6
USA	107,827.5	113,786.0	121,213.2	125,442.9	131,076.3	142,481.0	160,261.2	183,794.3	211,589.2	255,156.5
Rest of the World	264,443.9	266,903.3	276,089.3	246,122.5	240,194.5	263,969.9	286,967.1	275,970.6	267,158.8	330,563.6
Total	1,257,708.2	1,278,416.6	1,293,987.5	1,171,733.6	1,153,608.7	1,324,795.2	1,436,049.9	1,423,830.2	1,396,746.8	1,713,047.1
IMPORT OF GOODS										
ASEAN	277,616.7	279,138.3	277,904.3	248,274.0	240,058.1	277,291.4	300,147.6	300,292.4	268,995.0	339,859.3
Trading Partner	945,267.2	975,514.3	963,316.6	852,854.3	846,230.7	969,213.6	1,071,908.2	1,092,309.5	1,004,109.6	1,287,215.7
Australia	24,389.4	23,756.6	28,172.2	21,701.7	19,795.4	24,504.2	26,423.8	27,649.8	23,624.7	39,133.1
Canada	5,752.5	6,289.2	5,866.5	5,472.8	5,238.1	5,974.2	6,816.5	7,181.5	6,289.4	7,066.8
China	176,849.7	198,204.9	212,698.6	218,205.4	224,602.0	253,945.7	280,855.5	305,413.2	299,727.8	388,441.9
EU-27	103,338.9	106,266.3	102,413.5	91,032.2	91,889.5	91,884.4	111,000.0	110,561.8	96,484.8	116,565.2
India	27,656.9	25,943.1	24,298.9	19,612.3	20,829.6	28,274.9	29,814.1	28,798.1	26,312.6	37,742.1
Japan	136,526.4	117,877.2	108,936.3	100,858.9	105,862.8	112,860.2	115,345.5	116,118.7	102,240.7	126,518.8
Korea, Republic of	76,078.0	82,022.2	79,812.9	75,145.9	78,549.3	98,117.5	100,242.0	97,126.6	96,387.2	120,925.7
New Zealand	3,665.2	4,105.3	4,329.6	3,527.3	3,352.6	4,043.4	4,138.3	4,340.4	4,003.4	4,411.8
Russia	13,263.9	14,736.4	17,156.7	9,700.1	7,174.7	10,882.4	13,962.6	12,094.9	8,108.2	10,820.4
United Kingdom	14,515.4	15,722.7	13,259.3	12,235.9	11,256.3	11,208.4	15,090.3	16,148.9	14,096.1	13,489.1
USA	91,975.9	91,527.1	90,294.7	85,139.6	80,733.7	91,352.8	101,865.0	110,999.1	97,499.7	109,300.1
Rest of the World	271,255.2	289,063.3	276,077.4	210,222.3	196,946.6	236,165.6	266,354.7	255,876.5	229,335.2	312,800.9
Total	1,222,883.9	1,254,652.6	1,241,220.9	1,101,128.3	1,086,288.7	1,246,505.0	1,372,055.7	1,392,601.8	1,273,104.6	1,627,075.0

Source:
ASEAN Secretariat

Table 5.11. ASEAN Balance of Trade in Goods by Trading Partners, 2012-2021

(in million US\$)

Trading Partner	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Trade Balance (X-M)										
ASEAN	50,406.8	59,475.1	52,305.1	38,832.4	37,838.3	34,533.8	44,359.0	32,019.5	29,115.9	31,057.7
Trading Partner	-15,582.5	-35,711.1	461.5	31,772.9	29,481.7	43,756.3	19,635.2	-791.1	94,526.3	54,914.3
Australia	21,660.0	21,539.9	17,050.7	14,089.2	13,288.0	10,099.7	12,785.7	7,791.3	7,627.4	3,855.5
Canada	827.8	951.0	1,598.2	1,709.7	2,157.3	1,848.3	1,911.6	2,778.9	3,700.8	4,794.4
China	-34,309.7	-44,826.4	-58,686.0	-72,914.0	-80,636.6	-66,918.1	-83,176.0	-102,863.3	-80,837.8	-107,683.3
EU-27	3,406.5	2,170.5	13,432.8	19,440.0	21,593.0	46,601.0	30,190.0	23,950.1	33,813.3	35,688.4
India	15,938.2	16,383.1	19,395.4	20,941.2	16,933.0	17,119.0	20,799.5	19,501.6	13,085.9	16,067.9
Japan	-8,593.6	4,676.4	11,222.1	1,082.3	-9,308.1	-6,914.5	-578.3	-6,208.2	499.9	-12,648.6
Korea, Republic of	-20,688.0	-29,180.3	-28,187.5	-29,725.0	-32,631.7	-41,385.6	-39,756.3	-37,746.6	-37,807.7	-52,257.3
New Zealand	1,956.4	1,578.4	2,046.9	1,698.4	1,194.4	1,417.9	1,955.2	1,660.6	1,038.0	2,320.5
Russia	-8,385.8	-9,488.6	-11,742.3	-5,431.2	-2,392.5	-5,016.8	-8,003.1	-5,991.9	-2,119.8	-3,482.9
United Kingdom	3,565.3	385.9	3,400.8	4,678.9	5,694.5	7,972.9	4,498.3	3,447.0	3,613.2	4,640.5
USA	15,851.7	22,258.9	30,918.6	40,303.3	50,342.6	51,128.2	58,396.3	72,795.2	114,089.5	145,856.4
Rest of the World	-6,811.3	-22,160.0	11.9	35,900.2	43,247.9	27,804.3	20,612.4	20,094.1	37,823.6	17,762.8
Total	34,824.3	23,764.0	52,766.6	70,605.3	67,320.0	78,290.2	63,994.2	31,228.4	123,642.2	85,972.1

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, 2020-2021

2020			2021		
Country	Value (Million US\$)	Share (%)	Country	Value (Million US\$)	Share (%)
ASEAN	298,110.9	21.3	ASEAN	370,917.1	21.7
China (People's Republic of)	218,890.0	15.7	China (People's Republic of)	280,758.6	16.4
USA	211,589.2	15.1	USA	255,156.5	14.9
EU-27	130,298.2	9.3	EU-27	152,253.6	8.9
Japan	102,740.6	7.4	Japan	113,870.2	6.6
Hong Kong	96,134.1	6.9	Hong Kong	113,715.3	6.6
Korea, Republic of	58,579.5	4.2	Korea, Republic of	68,668.3	4.0
Taiwan	40,876.7	2.9	India	53,810.1	3.1
India	39,398.5	2.8	Taiwan	51,816.5	3.0
Netherlands	33,004.4	2.4	Australia	42,988.6	2.5
Top Ten Countries	1,229,622.0	88.0	Top Ten Countries	1,503,954.7	87.8
Others	167,124.7	12.0	Others	209,092.4	12.2
TOTAL	1,396,746.7	100.0	TOTAL	1,713,047.1	100.0

Source:
ASEAN Secretariat

Table 5.13. ASEAN Top Ten Origins of Imports of Goods, 2020-2021

2020			2021		
Country	Value (Million US\$)	Share (%)	Country	Value (Million US\$)	Share (%)
China (People's Republic of)	299,727.8	23.5	China (People's Republic of)	388,441.9	23.9
ASEAN	268,995.0	21.1	ASEAN	339,859.3	20.9
Japan	102,240.7	8.0	Japan	126,518.8	7.8
USA	97,499.7	7.7	Korea, Republic of	120,925.7	7.4
EU-27	96,484.8	7.6	EU-27	116,565.2	7.2
Korea, Republic of	96,387.2	7.6	Taiwan	112,403.0	6.9
Taiwan	84,666.8	6.7	USA	109,300.1	6.7
Germany	28,462.0	2.2	Australia	39,133.1	2.4
India	26,312.6	2.1	India	37,742.1	2.3
Australia	23,624.7	1.9	Germany	32,493.3	2.0
Top Ten Countries	1,124,401.2	88.3	Top Ten Countries	1,423,382.4	87.5
Others	148,703.4	11.7	Others	203,692.6	12.5
TOTAL	1,273,104.6	100.0	TOTAL	1,627,075.0	100.0

Source:
ASEAN Secretariat

Table 5.14. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	409,130.6	29.3	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	489,650.6	28.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	149,032.4	10.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	179,256.5	10.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	101,779.5	7.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	155,514.6	9.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	56,318.2	4.0	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	56,125.2	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	42,718.7	3.1	39	Plastics and articles thereof	53,723.5	3.1
39	Plastics and articles thereof	42,111.5	3.0	40	Rubber and articles thereof	53,592.6	3.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	40,852.2	2.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	52,413.6	3.1
40	Rubber and articles thereof	40,164.8	2.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	46,976.4	2.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	36,260.7	2.6	72	Iron and steel	44,069.0	2.6
61	Apparel and clothing accessories; knitted or crocheted	26,730.5	1.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	42,003.1	2.5
	Top Ten Commodities	945,099.0	67.7		Top Ten Commodities	1,173,325.1	68.5
	Others	451,647.8	32.3		Others	539,722.0	31.5
	Total	1,396,746.7	100.0		Total	1,713,047.1	100.0

Source:
ASEAN Secretariat

Table 5.15. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	355,111.9	27.9	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	489,650.6	30.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	154,183.6	12.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	155,514.6	9.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	144,459.5	11.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	179,256.5	11.0
39	Plastics and articles thereof	51,910.6	4.1	39	Plastics and articles thereof	53,723.5	3.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	38,612.7	3.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	52,413.6	3.2
72	Iron and steel	38,083.0	3.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	46,976.4	2.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	37,373.2	2.9	72	Iron and steel	44,069.0	2.7
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	36,648.7	2.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	42,003.1	2.6
29	Organic chemicals	24,701.1	1.9	29	Organic chemicals	32,277.7	2.0
73	Iron or steel articles	22,419.2	1.8	38	Chemical products n.e.c.	23,828.4	1.5
	Top Ten Commodities	903,503.6	71.0		Top Ten Commodities	1,119,713.3	68.8
	Others	369,601.0	29.0		Others	507,361.8	31.2
	Total	1,273,104.6	100.0		Total	1,627,075.0	100.0

Source:
ASEAN Secretariat

Table 5.16. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	77,172.4	25.9	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	94,389.3	25.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	43,965.9	14.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	65,348.4	17.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	30,862.7	10.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	35,949.6	9.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	15,184.9	5.1	39	Plastics and articles thereof	16,068.9	4.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,232.7	4.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,777.2	4.3
39	Plastics and articles thereof	12,078.1	4.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	15,601.9	4.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,722.8	2.3	72	Iron and steel	8,421.3	2.3
72	Iron and steel	5,932.8	2.0	29	Organic chemicals	7,721.5	2.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,009.7	1.7	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,613.2	2.1
29	Organic chemicals	4,920.1	1.7	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,376.2	2.0
	Top Ten Commodities	214,082.0	71.8		Top Ten Commodities	274,267.5	73.9
	Others	84,028.9	28.2		Others	96,649.6	26.1
	Total	298,110.9	100.0		Total	370,917.1	100.0

Source:
ASEAN Secretariat

Table 5.17. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	65,630.1	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	78,536.9	23.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	48,116.4	17.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	70,772.3	20.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	25,954.2	9.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,515.5	8.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	14,276.0	5.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,845.1	4.7
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	11,924.7	4.4	39	Plastics and articles thereof	13,991.7	4.1
39	Plastics and articles thereof	10,400.9	3.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	10,933.7	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,778.7	2.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,099.9	2.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,633.7	1.7	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,737.4	2.3
29	Organic chemicals	4,612.2	1.7	29	Organic chemicals	7,488.6	2.2
72	Iron and steel	4,430.5	1.6	72	Iron and steel	7,014.2	2.1
	Top Ten Commodities	196,757.4	73.1		Top Ten Commodities	249,935.3	73.5
	Others	72,237.5	26.9		Others	89,924.0	26.5
	Total	268,995.0	100.0		Total	339,859.3	100.0

Source:
ASEAN Secretariat

Table 5.18. Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,334.9	17.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,144.8	28.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,434.1	14.2	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,146.2	14.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,674.1	11.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,384.1	10.2
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	3,046.0	9.7	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	3,531.7	8.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,119.2	6.8	39	Plastics and articles thereof	1,478.0	3.4
39	Plastics and articles thereof	1,127.5	3.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,434.1	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	786.0	2.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	877.7	2.0
40	Rubber and articles thereof	701.2	2.2	40	Rubber and articles thereof	865.5	2.0
21	Miscellaneous edible preparations	644.2	2.1	73	Iron or steel articles	782.0	1.8
73	Iron or steel articles	478.9	1.5	21	Miscellaneous edible preparations	708.2	1.6
	Top Ten Commodities	22,346.2	71.5		Top Ten Commodities	32,352.3	75.3
	Others	8,905.9	28.5		Others	10,636.4	24.7
	Total	31,252.1	100.0		Total	42,988.6	100.0

Source:
ASEAN Secretariat

Table 5.19. Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,402.2	35.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,954.4	33.1
26	Ores, slag and ash	1,783.9	7.6	10	Cereals	4,288.1	11.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,447.6	6.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,666.8	9.4
10	Cereals	1,193.9	5.1	26	Ores, slag and ash	3,391.7	8.7
02	Meat and edible meat offal	1,005.4	4.3	74	Copper and articles thereof	1,398.8	3.6
01	Animals; live	972.2	4.1	02	Meat and edible meat offal	1,249.9	3.2
74	Copper and articles thereof	756.6	3.2	52	Cotton	980.8	2.5
76	Aluminium and articles thereof	624.8	2.6	01	Animals; live	976.3	2.5
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	591.0	2.5	76	Aluminium and articles thereof	962.7	2.5
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	567.8	2.4	28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	801.8	2.0
	Top Ten Commodities	17,345.5	73.4		Top Ten Commodities	30,671.4	78.4
	Others	6,279.2	26.6		Others	8,461.7	21.6
	Total	23,624.7	100.0		Total	39,133.1	100.0

Source:
ASEAN Secretariat

Table 5.20. Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	2,183.8	21.9	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	2,691.6	22.7
61	Apparel and clothing accessories; knitted or crocheted	1,030.9	10.3	61	Apparel and clothing accessories; knitted or crocheted	1,241.3	10.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	880.8	8.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,032.1	8.7
62	Apparel and clothing accessories; not knitted or crocheted	652.9	6.5	40	Rubber and articles thereof	1,022.5	8.6
40	Rubber and articles thereof	633.1	6.3	62	Apparel and clothing accessories; not knitted or crocheted	676.3	5.7
64	Footwear; gaiters and the like; parts of such articles	504.6	5.1	64	Footwear; gaiters and the like; parts of such articles	561.4	4.7
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	385.2	3.9	72	Iron and steel	427.3	3.6
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	353.8	3.5	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	420.3	3.5
88	Aircraft, spacecraft and parts thereof	351.2	3.5	16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	321.3	2.7
03	Fish and crustaceans, molluscs and other aquatic invertebrates	225.5	2.3	03	Fish and crustaceans, molluscs and other aquatic invertebrates	263.7	2.2
	Top Ten Commodities	7,202.0	72.1		Top Ten Commodities	8,657.7	73.0
	Others	2,788.2	27.9		Others	3,203.4	27.0
	Total	9,990.2	100.0		Total	11,861.1	100.0

Source:
ASEAN Secretariat

Table 5.21. Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
10	Cereals	927.6	14.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,099.5	15.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	916.0	14.6	31	Fertilizers	1,061.3	15.0
31	Fertilizers	638.5	10.2	10	Cereals	799.3	11.3
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	492.9	7.8	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	466.0	6.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	470.1	7.5	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	460.3	6.5
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	326.9	5.2	02	Meat and edible meat offal	366.2	5.2
88	Aircraft, spacecraft and parts thereof	269.9	4.3	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	292.3	4.1
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	241.4	3.8	44	Wood and articles of wood; wood charcoal	287.6	4.1
02	Meat and edible meat offal	176.8	2.8	39	Plastics and articles thereof	199.0	2.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	172.7	2.7	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	186.7	2.6
	Top Ten Commodities	4,632.9	73.7		Top Ten Commodities	5,218.1	73.8
	Others	1,656.5	26.3		Others	1,848.6	26.2
	Total	6,289.4	100.0		Total	7,066.8	100.0

Source:
ASEAN Secretariat

Table 5.22. Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	65,785.4	30.1	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	79,021.0	28.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	18,542.8	8.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	30,347.7	10.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,330.5	7.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,782.6	7.4
39	Plastics and articles thereof	11,871.2	5.4	72	Iron and steel	18,214.8	6.5
72	Iron and steel	11,814.5	5.4	39	Plastics and articles thereof	13,094.4	4.7
40	Rubber and articles thereof	9,097.7	4.2	40	Rubber and articles thereof	10,176.2	3.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,070.8	3.2	29	Organic chemicals	9,380.2	3.3
08	Fruit and nuts, edible; peel of citrus fruit or melons	6,563.4	3.0	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,941.0	3.2
29	Organic chemicals	6,162.5	2.8	08	Fruit and nuts, edible; peel of citrus fruit or melons	8,745.6	3.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,654.3	2.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,279.0	2.6
	Top Ten Commodities	158,893.0	72.6		Top Ten Commodities	205,982.5	73.4
	Others	59,996.9	27.4		Others	74,776.1	26.6
	Total	218,890.0	100.0		Total	280,758.6	100.0

Source:
ASEAN Secretariat

Table 5.23. Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	103,105.5	34.4	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	128,936.2	33.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	49,231.1	16.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	62,101.1	16.0
39	Plastics and articles thereof	13,013.2	4.3	39	Plastics and articles thereof	17,519.2	4.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,282.8	3.4	72	Iron and steel	15,509.3	4.0
73	Iron or steel articles	9,546.6	3.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,415.6	3.5
72	Iron and steel	9,233.4	3.1	73	Iron or steel articles	12,060.8	3.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,254.0	2.1	29	Organic chemicals	8,627.0	2.2
29	Organic chemicals	5,873.9	2.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	8,591.8	2.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,750.4	1.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,925.5	2.0
60	Fabrics; knitted or crocheted	5,512.6	1.8	38	Chemical products n.e.c.	7,608.0	2.0
	Top Ten Commodities	217,803.4	72.7		Top Ten Commodities	282,294.4	72.7
	Others	81,924.3	27.3		Others	106,147.4	27.3
	Total	299,727.8	100.0		Total	388,441.9	100.0

Source:
ASEAN Secretariat

Table 5.24. Top Ten Goods Exported from ASEAN to EU-27 by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	39,873.1	30.6	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	44,336.2	29.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,054.2	12.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,276.8	12.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,203.9	4.8	40	Rubber and articles thereof	7,217.5	4.7
64	Footwear; gaiters and the like; parts of such articles	5,976.8	4.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,757.8	4.4
40	Rubber and articles thereof	5,261.7	4.0	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,538.5	4.3
62	Apparel and clothing accessories; not knitted or crocheted	5,081.1	3.9	64	Footwear; gaiters and the like; parts of such articles	6,426.4	4.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,786.0	3.7	61	Apparel and clothing accessories; knitted or crocheted	4,672.6	3.1
61	Apparel and clothing accessories; knitted or crocheted	4,239.3	3.3	62	Apparel and clothing accessories; not knitted or crocheted	4,525.5	3.0
29	Organic chemicals	4,139.6	3.2	29	Organic chemicals	4,090.2	2.7
99	Other products	3,419.9	2.6	99	Other products	4,049.7	2.7
	Top Ten Commodities	95,035.7	72.9		Top Ten Commodities	107,891.2	70.9
	Others	35,262.5	27.1		Others	44,362.4	29.1
	Total	130,298.2	100.0		Total	152,253.6	100.0

Source:
ASEAN Secretariat

Table 5.25. Top Ten Goods Imported to ASEAN from EU-27 by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	18,982.2	19.7	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	23,429.5	20.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,904.1	17.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,351.3	14.9
30	Pharmaceutical products	7,206.1	7.5	30	Pharmaceutical products	9,859.1	8.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,116.3	5.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,966.2	5.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,191.4	4.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,796.3	4.1
88	Aircraft, spacecraft and parts thereof	3,805.9	3.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,670.1	3.1
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,951.4	3.1	29	Organic chemicals	3,542.3	3.0
39	Plastics and articles thereof	2,829.2	2.9	39	Plastics and articles thereof	3,408.7	2.9
29	Organic chemicals	2,479.7	2.6	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,344.9	2.9
38	Chemical products n.e.c.	2,155.2	2.2	88	Aircraft, spacecraft and parts thereof	3,062.2	2.6
	Top Ten Commodities	66,621.6	69.0		Top Ten Commodities	78,430.7	67.3
	Others	29,863.3	31.0		Others	38,134.5	32.7
	Total	96,484.8	100.0		Total	116,565.2	100.0

Source:
ASEAN Secretariat

Table 5.26. Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	6,815.0	17.3	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,903.9	14.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,921.3	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	7,742.0	14.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,960.8	12.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,751.5	12.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,890.9	9.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,255.5	9.8
39	Plastics and articles thereof	1,989.3	5.0	39	Plastics and articles thereof	3,268.9	6.1
29	Organic chemicals	1,640.5	4.2	29	Organic chemicals	3,072.1	5.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,328.3	3.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,979.1	3.7
40	Rubber and articles thereof	985.0	2.5	72	Iron and steel	1,752.9	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	980.4	2.5	40	Rubber and articles thereof	1,523.9	2.8
72	Iron and steel	979.7	2.5	38	Chemical products n.e.c.	1,472.7	2.7
	Top Ten Commodities	29,491.3	74.9		Top Ten Commodities	40,722.5	75.7
	Others	9,907.2	25.1		Others	13,087.6	24.3
	Total	39,398.5	100.0		Total	53,810.1	100.0

Source:
ASEAN Secretariat

Table 5.27. Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2020–2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,763.9	14.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,124.8	16.2
72	Iron and steel	2,193.8	8.3	72	Iron and steel	3,886.4	10.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,093.5	8.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,889.5	7.7
76	Aluminium and articles thereof	1,861.0	7.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,781.9	7.4
29	Organic chemicals	1,725.7	6.6	29	Organic chemicals	2,124.6	5.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,523.3	5.8	30	Pharmaceutical products	1,443.5	3.8
30	Pharmaceutical products	1,249.4	4.7	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,402.4	3.7
02	Meat and edible meat offal	1,053.5	4.0	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	1,364.4	3.6
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	1,034.0	3.9	10	Cereals	1,318.6	3.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	899.3	3.4	17	Sugars and sugar confectionery	1,238.3	3.3
	Top Ten Commodities	17,397.4	66.1		Top Ten Commodities	24,574.4	65.1
	Others	8,915.2	33.9		Others	13,167.7	34.9
	Total	26,312.6	100.0		Total	37,742.1	100.0

Source:
ASEAN Secretariat

Table 5.28. Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	24,302.3	23.7	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	27,107.5	23.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,535.3	10.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,588.8	10.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,591.7	8.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,299.5	9.0
39	Plastics and articles thereof	4,263.8	4.2	39	Plastics and articles thereof	4,614.1	4.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,667.3	3.6	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,880.8	3.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,510.7	3.4	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,746.6	3.3
62	Apparel and clothing accessories; not knitted or crocheted	3,402.9	3.3	40	Rubber and articles thereof	3,261.2	2.9
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,966.9	2.9	44	Wood and articles of wood; wood charcoal	3,049.6	2.7
61	Apparel and clothing accessories; knitted or crocheted	2,940.5	2.9	61	Apparel and clothing accessories; knitted or crocheted	2,914.9	2.6
44	Wood and articles of wood; wood charcoal	2,533.4	2.5	16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,893.0	2.5
	Top Ten Commodities	66,714.9	64.9		Top Ten Commodities	73,356.0	64.4
	Others	36,025.8	35.1		Others	40,514.2	35.6
	Total	102,740.6	100.0		Total	113,870.2	100.0

Source:
ASEAN Secretariat

Table 5.29. Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	27,826.6	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	32,793.4	25.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,689.9	17.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,714.0	16.4
27	Iron and steel	8,230.7	8.1	72	Iron and steel	12,668.3	10.0
39	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	7,697.5	7.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	9,757.3	7.7
90	Plastics and articles thereof	5,371.8	5.3	39	Plastics and articles thereof	6,524.2	5.2
87	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,572.0	4.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,004.9	4.0
62	Iron or steel articles	3,192.8	3.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,951.5	3.1
16	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,191.6	3.1	73	Iron or steel articles	3,443.1	2.7
61	Chemical products n.e.c.	2,239.8	2.2	38	Chemical products n.e.c.	3,302.6	2.6
44	Copper and articles thereof	2,204.6	2.2	74	Copper and articles thereof	3,245.4	2.6
	Top Ten Commodities	82,217.3	80.4		Top Ten Commodities	101,404.7	80.1
	Others	20,023.4	19.6		Others	25,114.1	19.9
	Total	102,240.7	100.0		Total	126,518.8	100.0

Source:
ASEAN Secretariat

Table 5.30. Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	20,603.7	35.2	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	21,719.8	31.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	6,550.5	11.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,647.4	12.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,825.5	8.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,582.7	9.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,271.4	3.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,407.4	3.5
62	Apparel and clothing accessories; not knitted or crocheted	2,154.8	3.7	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,364.7	3.4
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,126.1	3.6	62	Apparel and clothing accessories; not knitted or crocheted	2,208.8	3.2
61	Apparel and clothing accessories; knitted or crocheted	1,440.3	2.5	72	Iron and steel	1,581.7	2.3
44	Wood and articles of wood; wood charcoal	1,281.4	2.2	38	Chemical products n.e.c.	1,574.8	2.3
38	Chemical products n.e.c.	1,113.8	1.9	44	Wood and articles of wood; wood charcoal	1,534.8	2.2
72	Iron and steel	1,066.1	1.8	40	Rubber and articles thereof	1,347.3	2.0
	Top Ten Commodities	43,433.6	74.1		Top Ten Commodities	49,969.3	72.8
	Others	15,145.9	25.9		Others	18,699.1	27.2
	Total	58,579.5	100.0		Total	68,668.3	100.0

Source:
ASEAN Secretariat

Table 5.31. Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2020–2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	45,592.0	47.3	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	59,318.9	49.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	6,630.9	6.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,469.1	8.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,143.1	6.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,629.8	6.3
39	Plastics and articles thereof	5,496.0	5.7	39	Plastics and articles thereof	7,028.3	5.8
72	Iron and steel	4,481.9	4.6	72	Iron and steel	5,636.9	4.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,575.9	3.7	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,013.7	2.5
89	Ships, boats and floating structures	2,697.1	2.8	38	Chemical products n.e.c.	2,455.1	2.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,569.9	1.6	40	Rubber and articles thereof	2,401.6	2.0
73	Iron or steel articles	1,550.7	1.6	74	Copper and articles thereof	1,931.5	1.6
40	Rubber and articles thereof	1,403.0	1.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,882.6	1.5
Top Ten Commodities		79,140.4	82.1	Top Ten Commodities		101,747.4	84.1
Others		17,246.8	17.9	Others		19,178.2	15.9
Total		96,387.2	100.0	Total		120,925.7	100.0

Source:
ASEAN Secretariat

Table 5.32. Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,049.8	20.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,150.2	17.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	717.0	14.2	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,068.1	15.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	630.4	12.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	949.6	14.1
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	475.2	9.4	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	679.6	10.1
23	Food industries, residues and wastes thereof; prepared animal fodder	273.4	5.4	23	Food industries, residues and wastes thereof; prepared animal fodder	328.4	4.9
39	Plastics and articles thereof	218.1	4.3	39	Plastics and articles thereof	295.0	4.4
21	Miscellaneous edible preparations	118.0	2.3	40	Rubber and articles thereof	142.7	2.1
40	Rubber and articles thereof	116.9	2.3	21	Miscellaneous edible preparations	142.3	2.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	90.4	1.8	72	Iron and steel	118.0	1.8
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	89.2	1.8	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	117.9	1.8
	Top Ten Commodities	3,778.3	74.9		Top Ten Commodities	4,991.9	74.1
	Others	1,263.0	25.1		Others	1,740.4	25.9
	Total	5,041.4	100.0		Total	6,732.3	100.0

Source:
ASEAN Secretariat

Table 5.33. Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,055.2	51.3	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,331.4	52.8
08	Fruit and nuts, edible; peel of citrus fruit or melons	240.4	6.0	08	Fruit and nuts, edible; peel of citrus fruit or melons	254.7	5.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	190.6	4.8	44	Wood and articles of wood; wood charcoal	196.4	4.5
02	Meat and edible meat offal	179.6	4.5	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	176.7	4.0
44	Wood and articles of wood; wood charcoal	153.8	3.8	02	Meat and edible meat offal	168.2	3.8
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	130.3	3.3	19	Preparations of cereals, flour, starch or milk; pastrycooks' products	147.4	3.3
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	105.9	2.6	35	Albuminoidal substances; modified starches; glues; enzymes	112.5	2.5
21	Miscellaneous edible preparations	103.2	2.6	21	Miscellaneous edible preparations	99.1	2.2
35	Albuminoidal substances; modified starches; glues; enzymes	100.1	2.5	23	Food industries, residues and wastes thereof; prepared animal fodder	94.5	2.1
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	95.7	2.4	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	76.7	1.7
	Top Ten Commodities	3,354.6	83.8		Top Ten Commodities	3,657.4	82.9
	Others	648.7	16.2		Others	754.4	17.1
	Total	4,003.4	100.0		Total	4,411.8	100.0

Source:
ASEAN Secretariat

Table 5.34. Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	2,066.5	34.5	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	2,142.3	29.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	519.6	8.7	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	557.4	7.6
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	469.3	7.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	487.8	6.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	354.6	5.9	40	Rubber and articles thereof	308.8	4.2
40	Rubber and articles thereof	263.9	4.4	64	Footwear; gaiters and the like; parts of such articles	239.3	3.3
64	Footwear; gaiters and the like; parts of such articles	228.1	3.8	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	196.0	2.7
09	Coffee, tea, mate and spices	189.9	3.2	09	Coffee, tea, mate and spices	184.9	2.5
62	Apparel and clothing accessories; not knitted or crocheted	185.2	3.1	61	Apparel and clothing accessories; knitted or crocheted	179.5	2.4
61	Apparel and clothing accessories; knitted or crocheted	177.7	3.0	62	Apparel and clothing accessories; not knitted or crocheted	169.3	2.3
03	Fish and crustaceans, molluscs and other aquatic invertebrates	127.0	2.1	3	Fish and crustaceans, molluscs and other aquatic invertebrates	144.8	2.0
	Top Ten Commodities	4,581.7	76.5		Top Ten Commodities	4,610.1	62.8
	Others	1,406.6	23.5		Others	2,727.4	37.2
	Total	5,988.3	100.0		Total	7,337.5	100.0

Source:
ASEAN Secretariat

Table 5.35. Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,223.3	52.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,809.9	44.5
72	Iron and steel	1,160.8	14.3	72	Iron and steel	1,823.0	16.8
31	Fertilizers	587.7	7.2	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,049.1	9.7
10	Cereals	517.4	6.4	31	Fertilizers	811.1	7.5
03	Fish and crustaceans, molluscs and other aquatic invertebrates	185.4	2.3	76	Aluminium and articles thereof	280.2	2.6
76	Aluminium and articles thereof	140.7	1.7	02	Meat and edible meat offal	232.1	2.1
02	Meat and edible meat offal	119.6	1.5	75	Nickel and articles thereof	201.0	1.9
40	Rubber and articles thereof	100.1	1.2	03	Fish and crustaceans, molluscs and other aquatic invertebrates	200.9	1.9
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	88.8	1.1	30	Pharmaceutical products	143.5	1.3
75	Nickel and articles thereof	83.0	1.0	88	Aircraft, spacecraft and parts thereof	123.3	1.1
	Top Ten Commodities	7,206.7	88.9		Top Ten Commodities	9,674.1	89.4
	Others	901.5	11.1		Others	1,146.2	10.6
	Total	8,108.2	100.0		Total	10,820.4	100.0

Source:
ASEAN Secretariat

Table 5.36. Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	60,941.4	28.8	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	73,407.7	28.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	30,892.7	14.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	38,069.5	14.9
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	13,271.7	6.3	61	Apparel and clothing accessories; knitted or crocheted	15,914.7	6.2
61	Apparel and clothing accessories; knitted or crocheted	12,738.9	6.0	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	15,837.8	6.2
40	Rubber and articles thereof	9,973.0	4.7	40	Rubber and articles thereof	14,726.2	5.8
62	Apparel and clothing accessories; not knitted or crocheted	9,010.9	4.3	64	Footwear; gaiters and the like; parts of such articles	10,353.2	4.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,712.4	4.1	62	Apparel and clothing accessories; not knitted or crocheted	9,784.8	3.8
64	Footwear; gaiters and the like; parts of such articles	8,259.7	3.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	9,638.9	3.8
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	7,844.3	3.7	39	Plastics and articles thereof	4,818.3	1.9
21	Miscellaneous edible preparations	3,902.9	1.8	21	Miscellaneous edible preparations	4,249.1	1.7
	Top Ten Commodities	165,547.8	78.2		Top Ten Commodities	198,800.2	77.1
	Others	46,041.3	21.8		Others	58,356.2	22.9
	Total	211,589.2	100.0		Total	255,156.5	100.0

Source:
ASEAN Secretariat

Table 5.37. Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2020-2021

2020				2021			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	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	21,303.9	21.9	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	22,412.6	20.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,157.2	19.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,347.3	18.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,196.5	6.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,669.9	7.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,813.8	6.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,081.6	5.6
39	Plastics and articles thereof	4,706.3	4.8	39	Plastics and articles thereof	4,710.9	4.3
88	Aircraft, spacecraft and parts thereof	4,626.5	4.7	88	Aircraft, spacecraft and parts thereof	4,617.5	4.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,723.0	2.8	23	Food industries, residues and wastes thereof; prepared animal fodder	3,299.6	3.0
23	Food industries, residues and wastes thereof; prepared animal fodder	2,618.0	2.7	38	Chemical products n.e.c.	2,940.5	2.7
38	Chemical products n.e.c.	2,454.3	2.5	30	Pharmaceutical products	2,921.3	2.7
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,153.8	2.2	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,781.3	2.5
	Ten Major Commodities	71,753.3	73.6		Ten Major Commodities	78,782.3	72.1
	Others	25,746.4	26.4		Others	30,517.8	27.9
	Total	97,499.7	100.0		Total	109,300.1	100.0

Source:
ASEAN Secretariat

Table 5.38. Top Ten Intra-ASEAN Trade in Goods, 2021

Exports					Imports				
HS	Commodities	To ASEAN (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	To ASEAN (million US\$)	Total ASEAN Export (million US\$)	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	94,389.3	489,650.6	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	78,536.9	438,719.5	17.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	65,348.4	155,514.6	42.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	70,772.3	218,145.2	32.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	35,949.6	179,256.5	20.1	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,515.5	177,712.4	16.6
39	Plastics and articles thereof	16,068.9	53,723.5	29.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,845.1	45,897.2	34.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,777.2	52,413.6	30.1	39	Plastics and articles thereof	13,991.7	65,618.3	21.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	15,601.9	42,003.1	37.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	10,933.7	48,920.2	22.4
72	Iron and steel	8,421.3	44,069.0	19.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,099.9	41,985.7	19.3
29	Organic chemicals	7,721.5	32,277.7	23.9	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,737.4	10,685.6	72.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,613.2	46,976.4	16.2	29	Organic chemicals	7,488.6	34,188.3	21.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,376.2	56,125.2	13.1	72	Iron and steel	7,014.2	58,558.1	12.0
	Top Ten Exports	274,267.5	1,152,010.2	23.8		Top Ten Imports	249,935.3	1,140,430.5	21.9
	Others	96,649.6	561,036.9	17.2		Others	89,924.0	486,644.6	18.5
	Total Exports	370,917.1	1,713,047.1	21.7		Total Imports	339,859.3	1,627,075.1	20.9

Source:
ASEAN Secretariat

Table 5.39. Top-Ten Traded Goods between Australia and ASEAN, 2021

Exports					Imports				
HS	Commodities	To Australia (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From Australia (million US\$)	Total ASEAN Export (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,144.8	155,514.6	7.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,954.4	218,145.2	5.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,146.2	52,413.6	11.7	10	Cereals	4,288.1	17,121.8	25.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,384.1	179,256.5	2.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,666.8	48,920.2	7.5
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	3,531.7	489,650.6	0.7	26	Ores, slag and ash	3,391.7	10,206.8	33.2
39	Plastics and articles thereof	1,478.0	53,723.5	2.8	74	Copper and articles thereof	1,398.8	19,194.1	7.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,434.1	42,003.1	3.4	02	Meat and edible meat offal	1,249.9	6,698.6	18.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	877.7	46,976.4	1.9	52	Cotton	980.8	8,525.5	11.5
40	Rubber and articles thereof	865.5	53,592.6	1.6	01	Animals; live	976.3	1,968.9	49.6
73	Iron or steel articles	782.0	15,759.9	5.0	76	Aluminium and articles thereof	962.7	18,056.1	5.3
21	Miscellaneous edible preparations	708.2	13,575.0	5.2	28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	801.8	12,640.3	6.3
	Top Ten Exports	32,352.3	1,102,465.8	2.9		Top Ten Imports	30,671.3	361,477.5	8.5
	Others	10,636.4	610,581.3	1.7		Others	8,461.7	1,265,597.6	0.7
	Total Exports	42,988.7	1,713,047.1	2.5		Total Imports	39,133.0	1,627,075.1	2.4

Source:
ASEAN Secretariat

Table 5.40. Top Ten Traded Goods between Canada and ASEAN, 2021

Exports					Imports				
HS	Commodities	To Canada (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From Canada (million US\$)	Total ASEAN Export (million US\$)	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	2,691.6	489,650.6	0.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,099.5	177,712.4	0.6
61	Apparel and clothing accessories; knitted or crocheted	1,241.3	30,720.6	4.0	31	Fertilizers	1,061.3	8,908.7	11.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,032.1	179,256.5	0.6	10	Cereals	799.3	17,121.8	4.7
40	Rubber and articles thereof	1,022.5	53,592.6	1.9	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	466.0	5,661.7	8.2
62	Apparel and clothing accessories; not knitted or crocheted	676.3	24,271.7	2.8	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	460.3	438,719.5	0.1
64	Footwear; gaiters and the like; parts of such articles	561.4	27,701.7	2.0	02	Meat and edible meat offal	366.2	6,698.6	5.5
72	Iron and steel	427.3	44,069.0	1.0	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	292.3	7,159.7	4.1
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	420.3	23,889.4	1.8	44	Wood and articles of wood; wood charcoal	287.6	6,424.1	4.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	321.3	11,093.2	2.9	39	Plastics and articles thereof	199.0	65,618.3	0.3
03	Fish and crustaceans, molluscs and other aquatic invertebrates	263.7	13,721.0	1.9	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	186.7	41,985.7	0.4
	Top Ten Exports	8,657.8	897,966.3	1.0		Top Ten Imports	5,218.2	776,010.5	0.7
	Others	3,203.4	815,080.7	0.4		Others	1,848.6	851,064.5	0.2
	Total Exports	11,861.2	1,713,047.0	0.7		Total Imports	7,066.8	1,627,075.0	0.4

Source:
ASEAN Secretariat

Table 5.41. Top Ten Traded Goods between China and ASEAN, 2021

Exports					Imports				
HS	Commodities	To China (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From China (million US\$)	Total ASEAN Export (million US\$)	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	79,021.0	489,650.6	16.1	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	128,936.2	438,719.5	29.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	30,347.7	155,514.6	19.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	62,101.1	177,712.4	34.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,782.6	179,256.5	11.6	39	Plastics and articles thereof	17,519.2	65,618.3	26.7
72	Iron and steel	18,214.8	44,069.0	41.3	72	Iron and steel	15,509.3	58,558.1	26.5
39	Plastics and articles thereof	13,094.4	53,723.5	24.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,415.6	218,145.2	6.1
40	Rubber and articles thereof	10,176.2	53,592.6	19.0	73	Iron or steel articles	12,060.8	26,100.6	46.2
29	Organic chemicals	9,380.2	32,277.7	29.1	29	Organic chemicals	8,627.0	34,188.3	25.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,941.0	56,125.2	15.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	8,591.8	45,897.2	18.7
08	Fruit and nuts, edible; peel of citrus fruit or melons	8,745.6	16,028.9	54.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,925.5	41,985.7	18.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,279.0	46,976.4	15.5	38	Chemical products n.e.c.	7,608.0	27,382.3	27.8
	Top Ten Exports	205,982.5	1,127,215.0	18.3		Top Ten Imports	282,294.5	1,134,307.6	24.9
	Others	74,776.1	585,832.2	12.8		Others	106,147.4	492,767.5	21.5
	Total Exports	280,758.6	1,713,047.2	16.4		Total Imports	388,441.9	1,627,075.1	23.9

Source:
ASEAN Secretariat

Table 5.42. Top Ten Traded Goods between EU-27 and ASEAN, 2021

Exports					Imports				
HS	Commodities	To EU-27 (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From EU-27 (million US\$)	Total ASEAN Export (million US\$)	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	44,336.2	489,650.6	9.1	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	23,429.5	438,719.5	5.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,276.8	179,256.5	10.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,351.3	177,712.4	9.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,217.5	46,976.4	15.4	30	Pharmaceutical products	9,859.1	24,515.1	40.2
64	Footwear; gaiters and the like; parts of such articles	6,757.8	27,701.7	24.4	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,966.2	41,985.7	14.2
40	Rubber and articles thereof	6,538.5	53,592.6	12.2	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,796.3	45,897.2	10.5
62	Apparel and clothing accessories; not knitted or crocheted	6,426.4	24,271.7	26.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,670.1	218,145.2	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,672.6	56,125.2	8.3	29	Organic chemicals	3,542.3	34,188.3	10.4
61	Apparel and clothing accessories; knitted or crocheted	4,525.5	30,720.6	14.7	39	Plastics and articles thereof	3,408.7	65,618.3	5.2
29	Organic chemicals	4,090.2	32,277.7	12.7	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,344.9	10,966.0	30.5
99	Other products	4,049.7	30,077.4	13.5	88	Aircraft, spacecraft and parts thereof	3,062.2	10,249.6	29.9
	Top Ten Exports	107,891.2	970,650.4	11.1		Top Ten Imports	78,430.6	1,067,997.3	7.3
	Others	44,362.4	742,396.7	6.0		Others	38,134.5	559,077.7	6.8
	Total Exports	152,253.6	1,713,047.1	8.9		Total Imports	116,565.1	1,627,075.0	7.2

Source:
ASEAN Secretariat

Table 5.43. Top Ten Traded Goods between India and ASEAN, 2021

Exports					Imports				
HS	Commodities	To India (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From India (million US\$)	Total ASEAN Export (million US\$)	Share (%)
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,903.9	56,125.2	14.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,124.8	218,145.2	2.8
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	7,742.0	489,650.6	1.6	72	Iron and steel	3,886.4	58,558.1	6.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,751.5	155,514.6	4.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,889.5	177,712.4	1.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,255.5	179,256.5	2.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,781.9	48,920.2	5.7
39	Plastics and articles thereof	3,268.9	53,723.5	6.1	29	Organic chemicals	2,124.6	34,188.3	6.2
29	Organic chemicals	3,072.1	32,277.7	9.5	30	Pharmaceutical products	1,443.5	24,515.1	5.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,979.1	42,003.1	4.7	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,402.4	45,897.2	3.1
72	Iron and steel	1,752.9	44,069.0	4.0	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	1,364.4	438,719.5	0.3
40	Rubber and articles thereof	1,523.9	53,592.6	2.8	10	Cereals	1,318.6	17,121.8	7.7
38	Chemical products n.e.c.	1,472.7	23,828.3	6.2	17	Sugars and sugar confectionery	1,238.3	6,279.2	19.7
	Top Ten Exports	40,722.5	1,130,041.1	3.6		Top Ten Imports	24,574.4	1,070,057.0	2.3
	Others	13,087.6	583,006.0	2.2		Others	13,167.7	557,017.9	2.4
	Total Exports	53,810.1	1,713,047.1	3.1		Total Imports	37,742.1	1,627,074.9	2.3

Source:
ASEAN Secretariat

Table 5.44. Top Ten Traded Goods between Japan and ASEAN, 2021

Exports					Imports				
HS	Commodities	To Japan (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	To Japan (million US\$)	Total ASEAN Export (million US\$)	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	27,107.5	489,650.6	5.5	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	32,793.4	438,719.5	7.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,588.8	155,514.6	7.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,714.0	177,712.4	11.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,299.5	179,256.5	5.7	72	Iron and steel	12,668.3	58,558.1	21.6
39	Plastics and articles thereof	4,614.1	53,723.5	8.6	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	9,757.3	45,897.2	21.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,880.8	52,413.6	7.4	39	Plastics and articles thereof	6,524.2	65,618.3	9.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,746.6	46,976.4	8.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,004.9	41,985.7	11.9
40	Rubber and articles thereof	3,261.2	53,592.6	6.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,951.5	48,920.2	8.1
44	Wood and articles of wood; wood charcoal	3,049.6	16,198.6	18.8	73	Iron or steel articles	3,443.1	26,100.6	13.2
61	Apparel and clothing accessories; knitted or crocheted	2,914.9	30,720.6	9.5	38	Chemical products n.e.c.	3,302.6	27,382.3	12.1
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,893.0	11,093.2	26.1	74	Copper and articles thereof	3,245.4	19,194.1	16.9
	Top Ten Exports	73,356.0	1,089,140.2	6.7		Top Ten Imports	101,404.7	950,088.4	10.7
	Others	40,514.2	623,906.9	6.5		Others	25,114.1	676,986.7	3.7
	Total Exports	113,870.2	1,713,047.1	6.6		Total Imports	126,518.8	1,627,075.1	7.8

Source:
ASEAN Secretariat

Table 5.45. Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2021

Exports					Imports				
HS	Commodities	To ROK (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From ROK (million US\$)	Total ASEAN Export (million US\$)	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	21,719.8	489,650.6	4.4	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	59,318.9	438,719.5	13.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,647.4	179,256.5	4.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,469.1	218,145.2	4.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,582.7	155,514.6	4.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,629.8	177,712.4	4.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,407.4	46,976.4	5.1	39	Plastics and articles thereof	7,028.3	65,618.3	10.7
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,364.7	14,224.4	16.6	72	Iron and steel	5,636.9	58,558.1	9.6
62	Apparel and clothing accessories; not knitted or crocheted	2,208.8	24,271.7	9.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,013.7	41,985.7	7.2
72	Iron and steel	1,581.7	44,069.0	3.6	38	Chemical products n.e.c.	2,455.1	27,382.3	9.0
38	Chemical products n.e.c.	1,574.8	23,828.3	6.6	40	Rubber and articles thereof	2,401.6	18,790.1	12.8
44	Wood and articles of wood; wood charcoal	1,534.8	16,198.6	9.5	74	Copper and articles thereof	1,931.5	19,194.1	10.1
40	Rubber and articles thereof	1,347.3	53,592.6	2.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,862.6	45,897.2	4.1
	Top Ten Exports	49,969.4	1,047,582.7	4.8		Top Ten Imports	101,747.5	1,112,002.9	9.1
	Others	18,699.1	665,464.3	2.8		Others	19,178.2	515,072.1	3.7
	Total Exports	68,668.5	1,713,047.0	4.0		Total Imports	120,925.7	1,627,075.0	7.4

Source:
ASEAN Secretariat

Table 5.46. Top Ten Traded Goods between New Zealand and ASEAN, 2021

Exports					Imports				
HS	Commodities	To New Zealand (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From New Zealand (million US\$)	Total ASEAN Export (million US\$)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,150.2	179,256.5	0.6	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,331.4	6,872.1	33.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,068.1	52,413.6	2.0	08	Fruit and nuts, edible; peel of citrus fruit or melons	254.7	9,935.5	2.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	949.6	155,514.6	0.6	44	Wood and articles of wood; wood charcoal	196.4	6,424.1	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	679.6	489,650.6	0.1	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	176.7	5,661.7	3.1
23	Food industries, residues and wastes thereof; prepared animal fodder	328.4	6,680.3	4.9	02	Meat and edible meat offal	168.2	6,698.6	2.5
39	Plastics and articles thereof	295.0	53,723.5	0.5	19	Preparations of cereals, flour, starch or milk; pastrycooks' products	147.4	4,585.8	3.2
40	Rubber and articles thereof	142.7	53,592.6	0.3	35	Albuminoidal substances; modified starches; glues; enzymes	112.5	3,719.9	3.0
21	Miscellaneous edible preparations	142.3	13,575.0	1.0	21	Miscellaneous edible preparations	99.1	8,672.2	1.1
72	Iron and steel	118.0	44,069.0	0.3	23	Food industries, residues and wastes thereof; prepared animal fodder	94.5	15,981.1	0.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	117.9	46,976.4	0.3	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	76.7	12,412.8	0.6
	Top Ten Exports	4,991.8	1,095,452.1	0.5		Top Ten Imports	3,657.6	80,963.8	4.5
	Others	1,740.4	617,595.0	0.3		Others	754.4	1,546,111.0	0.0
	Total Exports	6,732.2	1,713,047.1	0.4		Total Imports	4,412.0	1,627,074.8	0.3

Source:
ASEAN Secretariat

Table 5.47. Top Ten Traded Goods between Russian Federation and ASEAN, 2021

Exports					Imports				
HS	Commodities	To Russia (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From Russia (million US\$)	Total ASEAN Export (million US\$)	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	2,142.3	489,650.6	0.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,809.9	218,145.2	2.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	557.4	179,256.5	0.3	72	Iron and steel	1,823.0	58,558.1	3.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	487.8	56,125.2	0.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,049.1	48,920.2	2.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	308.8	52,413.6	0.6	31	Fertilizers	811.1	8,908.7	9.1
40	Rubber and articles thereof	239.3	53,592.6	0.4	76	Aluminium and articles thereof	280.2	18,056.1	1.6
64	Footwear; gaiters and the like; parts of such articles	196.0	27,701.7	0.7	02	Meat and edible meat offal	232.1	6,698.6	3.5
09	Coffee, tea, mate and spices	184.9	6,078.6	3.0	75	Nickel and articles thereof	201.0	983.7	20.4
62	Apparel and clothing accessories; not knitted or crocheted	179.5	24,271.7	0.7	03	Fish and crustaceans, molluscs and other aquatic invertebrates	200.9	8,203.4	2.4
61	Apparel and clothing accessories; knitted or crocheted	169.3	30,720.6	0.6	30	Pharmaceutical products	143.5	24,515.1	0.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	144.8	13,721.0	1.1	88	Aircraft, spacecraft and parts thereof	123.3	10,249.6	1.2
	Top Ten Exports	4,610.1	933,532.1	0.5		Top Ten Imports	9,674.1	403,238.7	2.4
	Others	2,727.4	779,514.9	0.3		Others	1,146.2	1,223,836.3	0.1
	Total Exports	7,337.5	1,713,047.0	0.4		Total Imports	10,820.3	1,627,075.0	0.7

Source:
ASEAN Secretariat

Table 5.48. Top-Ten Traded Goods between USA and ASEAN, 2021

Exports					Imports				
HS	Commodities	To USA (million US\$)	Total ASEAN Export (million US\$)	Share (%)	HS	Commodities	From USA (million US\$)	Total ASEAN Export (million US\$)	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	73,407.7	489,650.6	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	22,412.6	438,719.5	5.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	38,069.5	179,256.5	21.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,347.3	177,712.4	11.4
61	Apparel and clothing accessories; knitted or crocheted	15,914.7	30,720.6	51.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,669.9	218,145.2	4.0
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	15,837.8	23,889.4	66.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,081.6	41,985.7	14.5
40	Rubber and articles thereof	14,726.2	53,592.6	27.5	39	Plastics and articles thereof	4,710.9	65,618.3	7.2
64	Footwear; gaiters and the like; parts of such articles	10,353.2	27,701.7	37.4	88	Aircraft, spacecraft and parts thereof	4,617.5	10,249.6	45.0
62	Apparel and clothing accessories; not knitted or crocheted	9,784.8	24,271.7	40.3	23	Food industries, residues and wastes thereof; prepared animal fodder	3,299.6	15,981.1	20.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	9,638.9	46,976.4	20.5	38	Chemical products n.e.c.	2,940.5	27,382.3	10.7
39	Plastics and articles thereof	4,818.3	53,723.5	9.0	30	Pharmaceutical products	2,921.3	24,515.1	11.9
21	Miscellaneous edible preparations	4,249.1	13,575.0	31.3	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,781.3	7,159.7	38.8
	Top Ten Exports	196,800.2	943,358.0	20.9		Top Ten Imports	78,782.5	1,027,468.9	7.7
	Others	58,356.2	769,689.1	7.6		Others	30,517.8	599,606.0	5.1
	Total Exports	255,156.4	1,713,047.1	14.9		Total Imports	109,300.3	1,627,074.9	6.7

Source:
ASEAN Secretariat

Chart 5.11. ASEAN Markets of Exports of Goods, 2012 and 2021

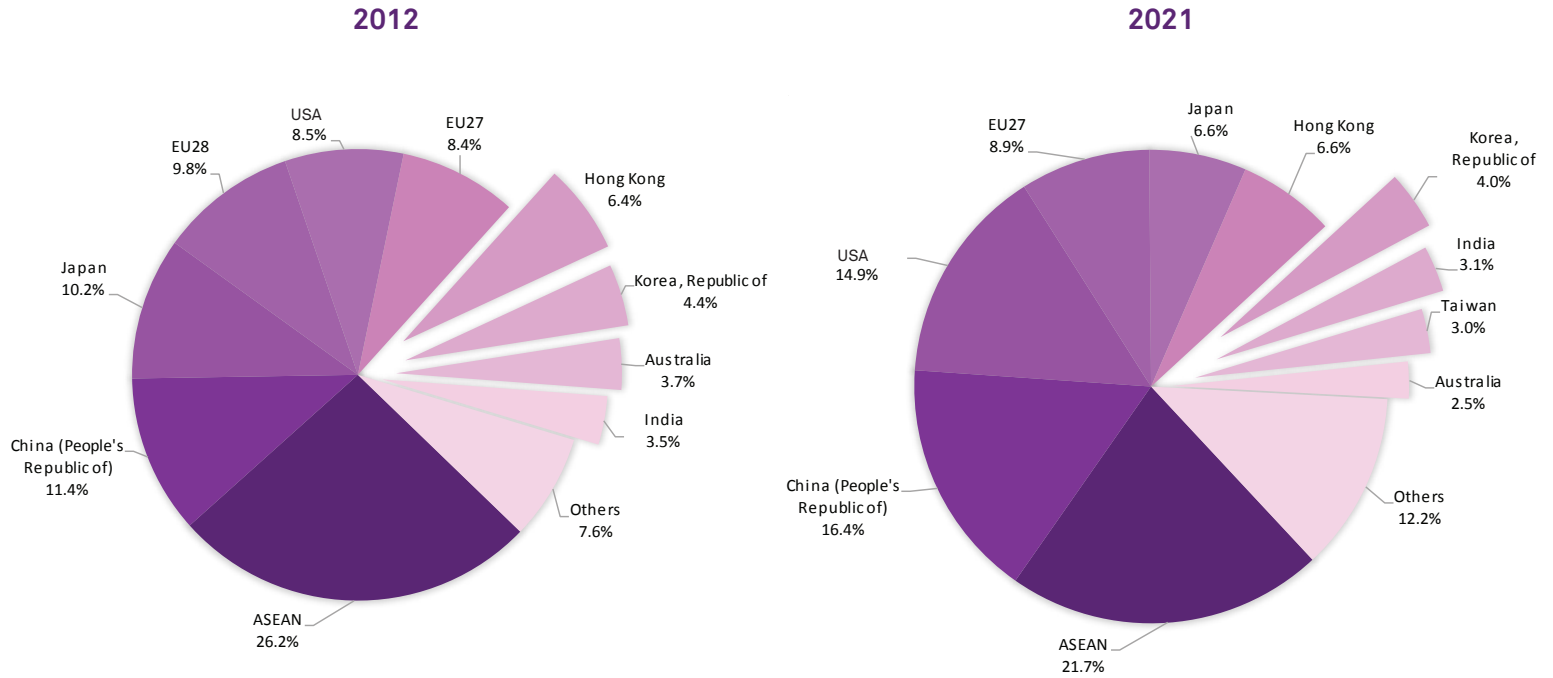


Chart 5.12. ASEAN Source of Imports of Goods, 2012 and 2021

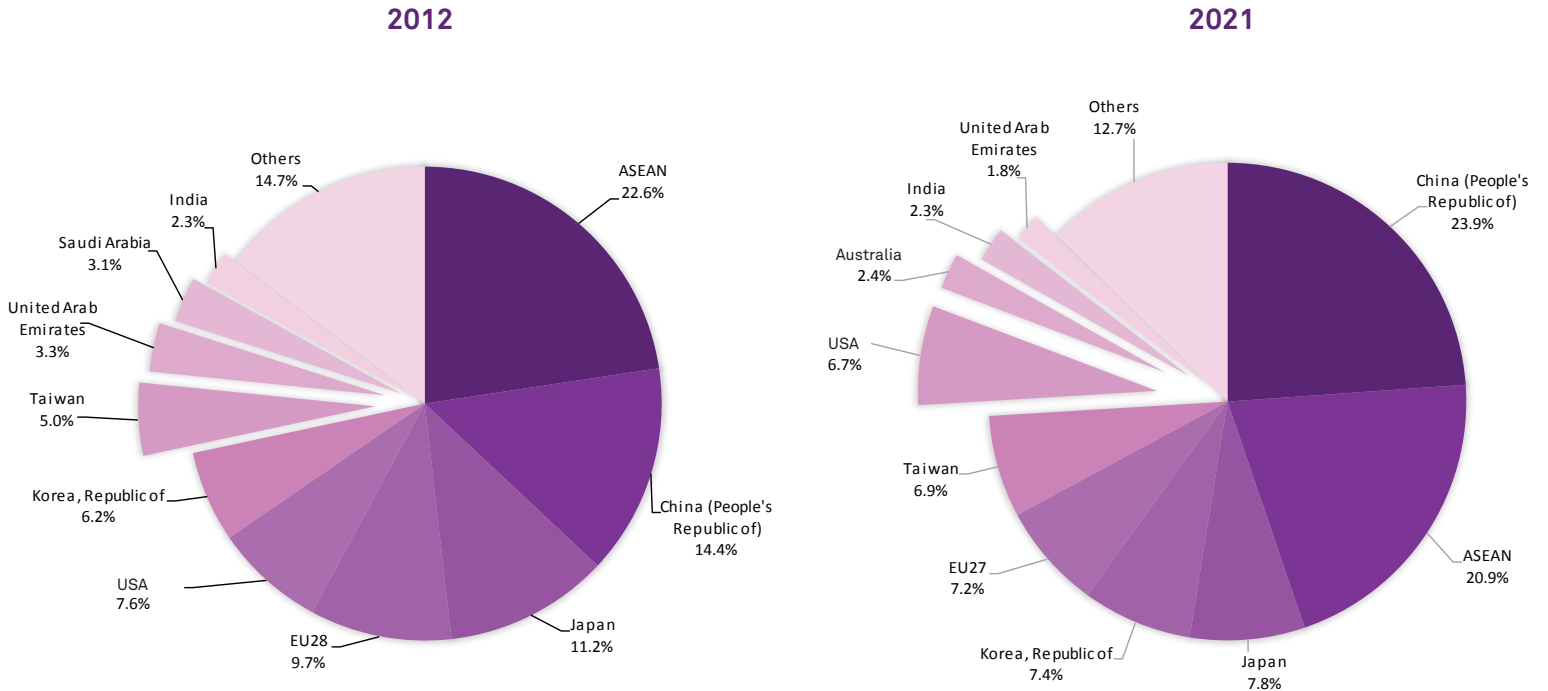
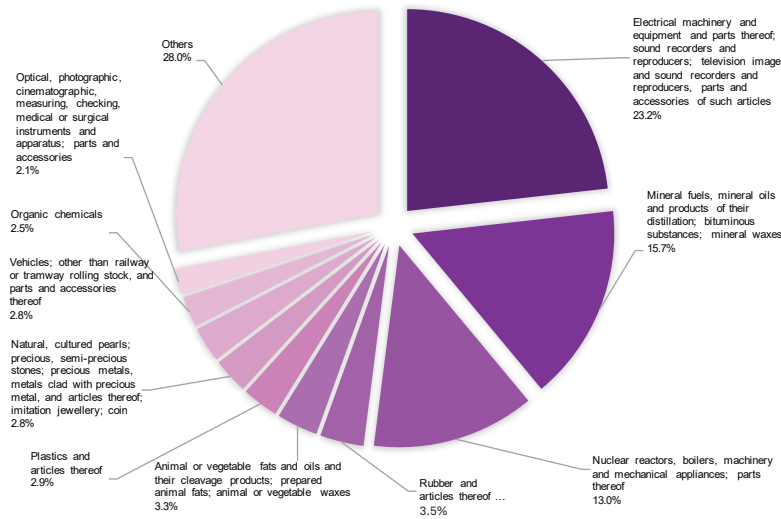


Chart 5.13. Top Ten Exports of Commodities in ASEAN, 2012 and 2021

2012



2021

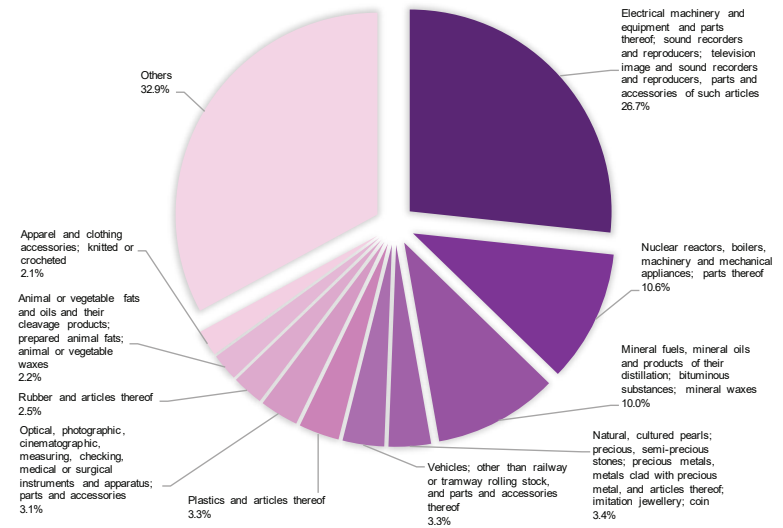
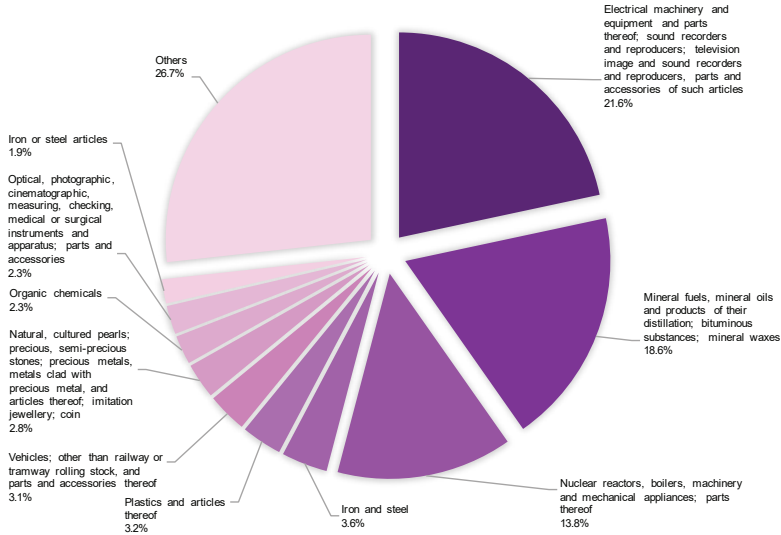
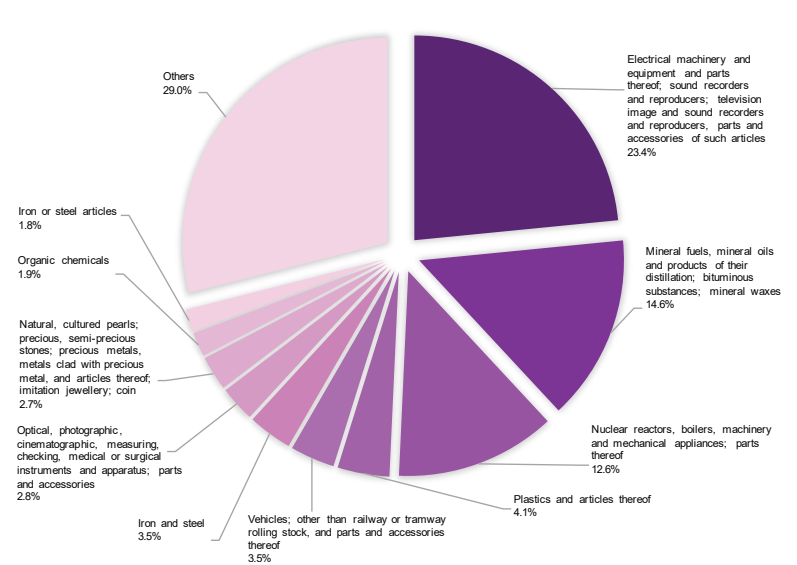


Chart 5.14. Top Ten Imports of Goods in ASEAN, 2012 and 2021

2012



2021



Chapter 6

TRADE IN SERVICE



Table 6.1. ASEAN Exports of Services¹⁾, 2012-2021

(in million US\$)

Host Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	482.7	492.8	557.8	650.6	530.4	551.4	570.6	617.9	352.2	200.4
Cambodia	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2	5,451.2	6,086.3	1,767.4	657.3
Indonesia	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	31,206.9	31,641.0	15,016.0	13,997.9
Lao PDR	643.4	780.6	764.4	844.1	834.9	780.5	921.4	1,179.2	346.2	125.3
Malaysia	40,562.3	42,110.2	42,047.8	34,847.1	35,582.4	37,057.4	40,240.5	41,097.4	22,117.0	20,926.6
Myanmar	1,233.0	2,760.1	3,113.8	3,753.4	3,785.1	3,817.8	4,653.5	6,662.8	4,219.1	2,271.7
Philippines	20,439.2	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	38,396.8	41,264.0	31,822.2	33,626.5
Singapore	129,446.4	142,027.7	153,771.0	153,202.4	151,926.8	171,015.6	205,115.0	215,504.0	209,761.6	229,777.2
Thailand	46,521.4	54,804.1	51,940.2	58,082.1	63,786.4	70,964.2	77,473.6	81,177.5	30,988.7	24,502.0
Viet Nam	9,620.0	10,710.0	12,231.0	12,580.0	22,511.7	22,826.3	27,040.0	37,256.1	26,309.3	22,262.0
ASEAN	275,800.7	303,458.5	317,265.8	319,200.4	337,517.7	371,780.7	431,069.6	462,486.1	342,699.7	348,346.9

Source:
ASEAN SecretariatNote:
1) Based on IMF Balance of Payments Manual, 6th EditionTable 6.2. ASEAN Imports of Services¹⁾, 2012-2021

(in million US\$)

Source Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1	1,578.5	1,807.0	1,206.4	897.0
Cambodia	1,591.8	1,790.6	2,083.8	2,242.4	2,430.5	2,744.9	3,056.1	3,273.9	2,024.7	2,104.1
Indonesia	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	37,691.9	39,282.4	24,771.5	28,781.7
Lao PDR	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,116.4	1,154.1	1,246.3	445.5	252.1
Malaysia	43,326.6	45,154.6	45,319.0	40,129.8	40,143.0	42,372.2	44,581.2	43,723.0	33,336.8	35,577.4
Myanmar	1,463.5	2,197.7	2,197.9	2,398.0	2,515.0	2,880.8	3,457.1	3,653.8	3,254.7	2,001.4
Philippines	14,260.5	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,789.0	28,224.7	17,955.8	19,453.0
Singapore	132,909.6	149,712.9	166,662.1	161,696.0	158,481.9	181,417.3	200,440.1	205,728.5	203,912.6	223,493.8
Thailand	45,671.4	47,402.8	45,247.3	42,518.3	43,511.4	46,668.3	54,939.1	56,854.6	45,280.7	64,255.2
Viet Nam	11,050.0	13,538.0	15,519.0	16,703.0	17,808.2	18,707.9	20,374.0	21,792.0	20,330.3	20,682.0
ASEAN	287,876.4	315,046.0	334,831.6	322,951.4	322,125.7	356,001.1	394,061.2	405,586.0	352,519.0	397,497.7

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

Table 6.3. ASEAN Exports of Services¹⁾ by Service Heading, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	3,391.7	4,122.1	3,307.0	2,907.6	14,362.1	14,853.4	17,872.5	26,333.0	25,807.2	27,990.1
Maintenance and repair n.i.e.	7,727.6	9,122.2	8,403.8	7,672.2	7,232.0	6,670.6	8,395.1	8,987.3	7,726.9	8,452.2
Transport	63,238.2	65,514.0	70,297.7	65,703.4	60,291.4	69,889.8	86,620.6	88,556.2	78,179.3	83,629.9
Travel	92,532.3	103,908.0	104,564.9	104,961.5	112,923.5	126,107.2	138,089.5	146,877.5	31,795.1	10,182.5
Construction	4,233.1	4,639.3	3,693.8	3,104.1	2,989.9	2,873.7	3,260.0	3,160.7	2,785.6	2,929.9
Insurance and pension services	3,811.3	3,817.9	4,117.4	4,537.3	5,004.3	5,474.3	7,785.4	7,519.3	6,994.7	7,004.0
Financial	17,986.4	20,485.6	22,548.6	22,739.5	23,860.0	27,617.1	31,317.0	32,909.1	36,528.3	39,730.1
Charges for the use of intellectual property n.i.e.	3,149.6	3,645.5	4,141.8	8,914.9	7,286.5	8,470.5	9,322.7	9,249.1	9,271.7	12,416.0
Telecommunications, computer and information	14,831.1	16,051.3	16,640.4	17,490.7	22,634.2	23,475.8	26,213.0	25,582.4	29,422.5	31,414.8
Other business services	62,196.4	69,263.2	76,558.2	77,976.6	77,807.8	83,097.3	98,229.4	109,004.3	110,533.7	121,092.1
Personal, cultural, and recreational	1,027.6	1,090.5	1,312.0	1,405.7	1,311.8	1,387.5	1,892.2	2,117.2	1,858.7	2,006.2
Government goods and services, n.i.e.	1,675.5	1,798.9	1,680.4	1,786.9	1,813.5	1,863.3	2,072.4	2,190.2	1,798.0	1,499.1
Total	275,800.7	303,458.5	317,265.8	319,200.4	337,517.7	371,780.7	431,069.6	462,486.1	342,699.7	348,346.9

Source:
ASEAN Secretariat

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

Table 6.4. ASEAN Imports of Services¹⁾ by Service Heading, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	4,324.1	5,970.5	6,313.4	6,217.7	5,835.5	6,040.1	5,777.9	6,372.6	6,950.7	8,834.1
Maintenance and repair services n.i.e.	1,810.6	1,887.7	1,789.3	2,001.2	2,272.7	1,794.1	2,159.8	3,431.3	2,764.9	2,702.4
Transport	93,767.9	98,559.0	103,820.5	98,178.2	92,552.4	105,126.3	122,286.8	122,283.7	116,527.5	146,056.6
Travel	58,535.9	62,683.5	67,953.5	66,285.8	68,782.0	73,783.6	81,298.5	84,587.2	26,964.6	18,017.3
Construction	4,349.3	5,492.0	5,392.4	5,046.3	4,628.3	5,558.1	4,933.9	3,556.6	3,288.6	3,164.2
Insurance and pension services	10,875.4	11,255.6	10,427.6	10,177.5	11,136.7	11,206.7	12,733.4	13,356.2	14,494.0	16,101.0
Financial Services	5,619.5	6,258.3	6,674.6	7,050.7	7,450.7	8,956.1	10,135.5	11,115.2	13,502.2	14,226.5
Charges for the use of intellectual property n.i.e.	30,652.9	31,831.2	29,575.4	27,983.2	24,099.4	25,182.4	27,617.0	27,293.4	25,524.4	29,602.2
Telecommunications, computer and information services	13,004.4	15,679.2	22,697.8	18,081.2	20,131.8	22,749.4	23,279.1	26,919.6	34,160.7	39,845.1
Other business services	61,739.6	71,918.2	76,593.4	78,856.9	82,357.4	92,443.6	100,383.3	103,123.8	104,794.0	114,803.6
Personal, cultural, and recreational services	1,405.8	1,691.7	1,806.7	1,626.8	1,403.4	1,546.8	1,761.9	1,778.2	2,064.8	2,634.7
Government goods and services, n.i.e.	1,790.9	1,819.1	1,787.0	1,445.9	1,475.5	1,614.0	1,694.1	1,768.1	1,482.5	1,510.1
Total	287,876.4	315,046.0	334,831.6	322,951.4	322,125.7	356,001.1	394,061.2	405,586.0	352,519.0	397,497.7

Source:
ASEAN Secretariat

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

Table 6.5. Brunei Darussalam Exports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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.	1.2	0.1	0.3	0.4	0.5	0.5	0.0	0.0	0.0	0.7
Transport	329.1	337.4	433.0	468.7	345.2	347.3	303.1	278.0	145.0	99.1
Travel	91.7	95.7	78.8	147.3	144.1	177.3	190.2	216.6	37.9	2.1
Construction	2.8	0.0	0.3	0.0	0.0	0.0	49.4	94.3	136.7	64.1
Insurance and pension services	0.0	3.0	2.0	1.6	2.9	1.6	1.0	1.4	1.4	0.5
Financial Services	3.5	15.2	1.3	1.4	1.6	0.9	0.2	0.4	0.2	0.2
Charges for the use of intellectual property n.i.e.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Telecommunications, computer and information services	0.0	0.1	0.2	0.1	0.0	0.0	1.0	0.9	7.3	7.7
Other business services	30.4	17.3	18.2	12.5	14.4	5.3	6.8	7.6	5.1	7.1
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.	24.0	24.0	23.7	18.6	21.7	18.5	18.9	18.7	18.5	19.0
Total	482.7	492.8	557.8	650.6	530.4	551.4	570.6	617.9	352.2	200.4

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

Table 6.6. Brunei Darussalam Imports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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.	119.3	147.8	103.6	97.7	106.5	89.5	88.7	93.4	120.4	61.8
Transport	243.5	453.0	363.0	233.2	213.3	259.7	226.0	234.4	227.4	232.6
Travel	590.5	624.2	477.1	460.3	500.4	504.6	585.2	612.7	97.6	13.3
Construction	100.7	263.9	260.7	124.9	26.2	26.8	118.8	242.3	87.0	100.7
Insurance and pension services	5.4	13.2	13.7	10.9	12.5	8.4	12.4	11.9	11.4	54.7
Financial Services	0.1	78.0	30.7	0.7	43.7	35.2	10.6	2.4	3.9	4.0
Charges for the use of intellectual property n.i.e.	2.8	17.3	9.2	13.9	37.8	17.3	19.8	18.7	12.3	13.6
Telecommunications, computer and information services	45.9	82.8	129.3	100.0	53.6	39.8	64.6	96.1	159.4	77.4
Other business services	1,497.9	1,145.3	771.3	586.8	619.2	231.7	422.0	464.8	457.3	307.2
Personal, cultural, and recreational services	1.8	0.0	0.0	0.1	3.1	6.1	0.8	1.0	0.9	1.9
Government goods and services, n.i.e.	32.0	32.0	31.6	29.1	29.0	29.0	29.6	29.3	29.0	29.8
Total	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1	1,578.5	1,807.0	1,206.4	897.0

Source:
ASEAN Secretariat

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

Table 6.7. Cambodia Exports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	312.9	343.7	392.3	419.4	456.1	562.2	687.9	786.4	281.7	188.2
Travel	2,462.8	2,660.4	2,953.0	3,137	3,212.3	3,639.3	4,361.8	4,772.8	1,023.0	184.1
Construction	16.6	15.3	10.2	10.1	13.1	16.6	13.9	35.4	45.6	22.4
Insurance and pension services	1.4	0.6	0.5	0.2	0.4	1.6	3.1	7.2	4.4	5.1
Financial Services	19.1	19.6	25.1	33.8	8.7	7.1	14.9	25.5	52.2	36.7
Charges for the use of intellectual property n.i.e.	3.8	2.4	2.7	0.6	1.5	1.0	2.4	12.2	9.3	1.0
Telecommunications, computer and information services	66.3	57.9	74.1	86.6	73.9	66.5	65.4	87.0	82.8	85.4
Other business services	169.0	251.0	251.9	95.7	80.3	94.5	97.6	117.1	135.1	118.4
Personal, cultural, and recreational services	2.5	3.0	3.6	0.5	1.2	1.8	1.7	10.7	2.9	7.2
Government goods and services, n.i.e.	137.8	139.7	97.4	170.8	185.5	217.7	202.5	231.9	130.3	8.8
Total	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2	5,451.2	6,086.3	1,767.4	657.3

Source:
ASEAN Secretariat

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

Table 6.8. Cambodia Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	841.6	982.3	1,105.7	1,206.9	1,298.1	1,440.9	1,485.8	1,683.7	1,285.5	1,439.7
Travel	314.0	354.7	401.4	510.4	615.6	741.5	862.5	910.5	168.7	49.1
Construction	156.5	134.2	124.6	118.8	137.8	156.3	167.7	165.7	132.4	108.5
Insurance and pension services	103.2	112.9	131.8	138.2	143.0	165.7	187.5	166.7	166.9	214.6
Financial Services	5.5	29.3	8.6	3.1	8.2	3.5	4.5	5.5	10.4	9.2
Charges for the use of intellectual property n.i.e.	11.1	11.9	20.5	12.5	10.4	12.7	27.7	26.3	20.9	18.6
Telecommunications, computer and information services	46.0	51.6	118.8	133.8	113.0	104.5	167.1	140.5	144.0	175.9
Other business services	74.3	79.3	136.7	83.1	69.4	84.5	128.1	131.1	70.8	59.0
Personal, cultural, and recreational services	5.7	5.9	6.1	2.2	3.9	4.9	3.4	8.4	2.2	13.5
Government goods and services, n.i.e.	33.9	28.4	29.4	33.5	31.2	30.6	21.8	35.5	23.1	16.0
Total	1,591.8	1,790.6	2,083.8	2,242.4	2,430.5	2,744.9	3,056.1	3,273.9	2,024.7	2,104.1

Source:
ASEAN Secretariat

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

Table 6.9. Indonesia Exports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	396.7	430.1	425.0	355.6	350.5	354.2	381.9	392.2	422.6	526.7
Maintenance and repair services n.i.e.	114.0	126.6	100.5	283.5	410.6	169.4	247.5	355.7	367.9	351.0
Transport	3,822.3	3,610.6	3,791.0	3,456.2	3,571.9	3,472.1	3,592.3	3,953.9	2,442.0	3,280.5
Travel	8,323.6	9,119.2	10,261.1	10,761.0	11,205.7	13,139.4	16,425.8	16,910.7	3,381.9	520.7
Construction	862.7	848.5	711.7	378.7	225.7	369.0	404.8	481.1	364.2	420.7
Insurance and pension services	24.1	24.9	25.7	54.2	80.2	82.7	161.3	209.2	285.8	227.1
Financial Services	225.4	254.1	222.9	247.7	336.0	639.8	659.5	417.7	522.7	761.5
Charges for the use of intellectual property n.i.e.	58.1	52.0	59.6	52.1	46.7	49.8	61.2	58.9	83.6	125.6
Telecommunications, computer and information services	1,293.8	1,040.7	1,139.9	971.1	970.4	996.7	1,225.7	1,320.7	1,275.8	1,754.6
Other business services	7,739.2	6,640.5	6,032.5	4,917.4	5,358.5	5,260.9	6,962.6	6,591.6	5,105.2	5,471.9
Personal, cultural, and recreational services	210.0	187.0	149.7	111.5	88.9	131.1	367.0	218.5	115.8	106.3
Government goods and services, n.i.e.	590.5	610.1	611.4	631.8	678.2	662.6	717.3	730.8	648.6	451.4
Total	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	31,206.9	31,641.0	15,016.0	13,997.9

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

Table 6.10. Indonesia Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	572.1	374.2	476.5	623.7	764.0	347.8	442.3	536.8	311.5	321.3
Transport	12,500.9	12,539.0	11,974.5	9,601.8	9,116.2	10,335.9	12,429.9	11,640.4	7,317.2	9,594.7
Travel	6,770.5	7,674.9	7,682.0	7,292.2	7,566.4	8,288.9	10,313.5	11,307.7	1,747.6	445.5
Construction	631.8	853.2	660.0	452.5	133.0	186.3	143.3	496.6	408.0	478.3
Insurance and pension services	1,096.5	1,053.7	964.1	942.3	741.5	653.1	727.9	873.4	1,143.2	1,374.1
Financial Services	694.6	707.4	620.8	744.4	913.3	1,081.6	1,118.0	884.1	1,079.5	1,253.3
Charges for the use of intellectual property n.i.e.	1,800.1	1,736.4	1,861.9	1,652.7	1,732.4	1,900.6	1,470.1	1,804.7	1,530.1	1,785.4
Telecommunications, computer and information services	1,443.3	1,548.1	1,620.5	1,791.1	2,145.7	2,533.1	2,876.6	3,133.1	3,400.0	4,790.8
Other business services	7,848.1	7,671.6	6,972.1	7,587.3	7,194.1	7,207.5	8,032.7	8,424.0	7,706.9	8,595.1
Personal, cultural, and recreational services	281.0	266.5	244.1	66.8	53.0	56.8	89.1	101.7	70.8	93.2
Government goods and services, n.i.e.	585.5	589.6	464.2	162.8	47.9	115.1	48.7	79.8	56.7	50.1
Total	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	37,691.9	39,282.4	24,771.5	28,781.7

Source:
ASEAN Secretariat

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

Table 6.11. Lao PDR Exports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	54.3	70.6	57.3	67.5	81.0	83.2	114.8	167.0	79.8	63.1
Travel	513.6	595.9	641.6	724.2	716.1	648.0	734.4	934.7	213.2	0.0
Construction	11.6	8.6	3.9	5.0	4.4	4.4	36.7	14.9	6.8	9.6
Insurance and pension services	3.6	44.1	11.6	10.7	0.9	13.0	3.2	26.6	6.8	9.2
Financial Services	1.3	1.3	0.8	1.3	1.4	1.8	1.4	1.8	1.8	1.7
Charges for the use of intellectual property n.i.e.	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer and information services	34.8	40.1	38.6	34.3	29.8	24.0	24.0	33.4	37.3	41.4
Other business services	-	-	-	-	-	-	-	-	-	-
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	24.3	20.1	10.7	1.1	1.3	6.1	7.0	0.8	0.6	0.4
Total	643.4	780.6	764.4	844.1	834.9	780.5	921.4	1,179.2	346.2	125.3

Source:
ASEAN Secretariat

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

Table 6.12. Lao PDR Imports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	53.9	36.0	34.9	34.9	68.9	86.2	126.8	145.3	116.8	130.4
Travel	604.9	903.9	1,051.1	998.0	911.5	922.0	925.5	1,010.5	251.2	0.0
Construction	29.2	37.2	31.0	4.4	13.3	37.3	32.5	10.8	8.7	52.8
Insurance and pension services	32.9	52.9	12.3	15.0	11.4	39.4	35.8	37.8	15.8	17.8
Financial Services	0.1	0.2	0.3	6.1	0.4	0.5	0.8	6.5	0.5	0.9
Charges for the use of intellectual property n.i.e.	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer and information services	11.5	16.6	13.5	15.4	16.9	16.6	15.5	16.8	35.1	36.1
Other business services	-	-	-	-	-	8.9	10.7	13.7	16.7	14.0
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	6.2	10.4	6.9	4.7	0.0	5.6	6.6	4.9	0.8	0.1
Total	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,116.4	1,154.1	1,246.3	445.5	252.1

Source:
ASEAN Secretariat

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

Table 6.13. Malaysia Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	2,593.0	2,360.3	2,428.1	2,151.4	2,275.8	2,493.6	2,892.8	2,870.4	3,031.2	3,729.7
Maintenance and repair services n.i.e.	265.3	315.2	368.9	373.8	362.4	421.9	527.4	563.8	439.0	427.7
Transport	4,453.5	4,665.7	4,771.5	4,190.1	4,158.9	4,477.2	5,086.5	5,240.9	3,279.6	3,728.5
Travel	20,242.0	21,496.4	22,594.8	17,584.2	18,076.1	18,354.8	19,622.4	19,832.1	2,974.4	77.3
Construction	1,176.0	1,028.0	854.3	1,033.8	997.4	952.5	858.2	641.1	771.0	930.7
Insurance and pension services	538.3	449.2	461.7	374.7	320.3	290.7	313.3	366.3	415.4	483.7
Financial Services	322.8	317.8	346.3	341.1	492.4	535.2	606.0	631.5	633.2	609.6
Charges for the use of intellectual property n.i.e.	134.9	108.7	75.8	89.8	114.6	286.7	266.2	221.8	232.4	290.9
Telecommunications, computer and information services	2,923.3	2,856.6	2,761.8	2,655.8	2,577.1	2,675.3	2,832.1	2,996.3	3,176.1	3,334.7
Other business services	7,661.3	8,215.3	7,016.8	5,571.6	5,751.9	6,007.4	6,657.9	7,076.5	6,487.1	6,531.9
Personal, cultural, and recreational services	168.8	202.1	283.0	386.3	367.5	469.0	501.1	570.8	598.7	705.0
Government goods and services, n.i.e.	83.2	95.1	84.8	94.4	87.9	93.2	76.7	85.9	78.7	76.8
Total	40,562.3	42,110.2	42,047.8	34,847.1	35,582.4	37,057.4	40,240.5	41,097.4	22,117.0	20,926.6

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

Table 6.14. Malaysia Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	43.7	53.4	45.1	54.1	60.8	78.2	133.3	136.3	194.9	324.7
Maintenance and repair services n.i.e.	235.3	329.9	302.2	378.1	405.3	447.1	478.3	574.0	431.9	482.3
Transport	11,586.2	12,253.7	12,730.6	10,480.0	9,814.3	11,364.3	11,948.2	11,500.1	9,804.7	11,557.6
Travel	12,209.1	12,239.7	12,440.8	10,685.9	10,478.4	10,805.5	12,133.7	12,387.8	4,775.0	3,590.8
Construction	2,398.3	2,570.6	2,650.5	2,701.0	2,946.2	3,904.7	2,878.7	1,347.9	909.5	1,052.5
Insurance and pension services	2,879.5	2,764.8	2,764.1	2,361.4	2,235.0	2,280.6	2,449.3	2,350.5	2,230.1	2,509.0
Financial Services	521.6	454.9	414.3	430.5	526.1	551.1	641.3	667.5	604.5	632.2
Charges for the use of intellectual property n.i.e.	1,542.7	1,394.9	1,423.6	1,288.7	1,348.1	1,824.8	2,009.0	2,220.8	2,386.7	2,589.7
Telecommunications, computer and information services	2,766.8	3,194.2	3,139.6	3,266.3	3,242.8	3,034.8	3,261.6	3,534.8	3,983.0	4,247.1
Other business services	8,321.5	8,854.1	8,244.9	7,420.1	8,067.1	6,859.5	7,563.6	7,940.0	7,080.9	7,465.3
Personal, cultural, and recreational services	604.4	880.0	971.9	815.0	770.6	803.1	819.6	805.6	710.9	831.5
Government goods and services, n.i.e.	217.5	164.4	191.3	248.7	248.3	418.3	264.4	257.7	224.8	294.9
Total	43,326.6	45,154.6	45,319.0	40,129.8	40,143.0	42,372.2	44,581.2	43,723.0	33,336.8	35,577.4

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

Table 6.15. Myanmar Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	202.2	1,105.3	118.9	148.5	253.9	427.6	1,208.8	1,711.6	1,470.3	1,317.9
Maintenance and repair services n.i.e.	-	-	57.4	141.7	175.5	24.7	22.8	42.3	48.0	8.9
Transport	194.4	233.6	411.8	356.6	285.4	139.5	342.0	379.4	374.3	228.3
Travel	539.4	962.8	1,613.3	2,122.5	2,197.2	1,968.9	1,651.5	2,477.1	439.0	30.2
Construction	-	-	131.8	82.6	63.7	207.5	148.0	135.0	247.7	49.4
Insurance and pension services	3.8	0.0	-	-	-	-	-	-	-	-
Financial Services	-	-	6.0	6.3	26.8	15.5	7.2	10.9	18.6	5.6
Charges for the use of intellectual property n.i.e.	-	-	24.9	21.6	11.3	2.4	2.6	16.9	11.1	3.0
Telecommunications, computer and information services	75.8	80.5	188.9	351.2	219.7	112.7	65.7	149.4	68.8	51.1
Other business services	168.5	310.3	501.8	392.7	392.6	800.5	937.6	1,471.1	1,338.4	458.7
Personal, cultural, and recreational services	-	-	23.6	71.7	71.4	28.1	35.4	45.7	61.8	12.5
Government goods and services, n.i.e.	48.8	67.6	35.5	57.9	87.6	90.4	232.0	223.5	141.1	106.1
Total	1,233.0	2,760.1	3,113.8	3,753.4	3,785.1	3,817.8	4,653.5	6,662.8	4,219.1	2,271.7

Source:
ASEAN Secretariat

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

Table 6.16. Myanmar Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	722.1	75.6	96.4	200.3	2.7	2.3	0.6	0.9	0.3
Maintenance and repair services n.i.e.	-	-	24.5	42.5	70.9	64.9	61.1	114.9	63.6	21.2
Transport	695.1	859.1	1,357.0	1,403.7	1,355.1	1,510.8	1,537.2	1,601.2	1,448.6	1,154.5
Travel	257.3	115.0	37.4	25.3	36.6	105.0	88.7	185.5	127.6	80.4
Construction	-	-	92.6	38.6	23.5	113.3	252.0	125.7	70.8	35.9
Insurance and pension services	85.0	104.1	40.0	42.2	40.3	52.1	53.2	52.1	59.3	43.9
Financial Services	-	-	0.3	0.4	6.5	3.8	2.8	7.8	16.8	5.8
Charges for the use of intellectual property n.i.e.	-	-	295.7	272.6	231.6	26.4	47.1	32.4	57.1	16.8
Telecommunications, computer and information services	3.0	7.7	75.7	187.9	200.6	162.7	181.8	260.6	182.0	92.0
Other business services	391.6	364.3	184.0	269.5	318.6	795.3	1,106.7	1,137.0	1,142.3	502.0
Personal, cultural, and recreational services	5.7	0.1	7.4	16.7	13.3	24.0	40.7	54.6	37.3	11.1
Government goods and services, n.i.e.	25.8	25.2	7.8	2.3	17.8	19.7	83.5	81.4	48.4	37.5
Total	1,463.5	2,197.7	2,197.9	2,398.0	2,515.0	2,880.8	3,457.1	3,653.8	3,254.7	2,001.4

Source:
ASEAN Secretariat

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

Table 6.17. Philippines Exports of Services¹⁾, 2012–2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	2,725.0	3,453.3	4,140.3	4,338.7	4,151.8	5,028.2
Maintenance and repair services n.i.e.	95.5	67.6	92.4	77.1	82.6	80.3	82.5	110.2	58.7	42.4
Transport	1,594.0	1,636.7	1,874.7	1,933.5	1,896.8	2,484.8	2,702.8	2,883.3	1,668.9	1,567.2
Travel	4,060.5	4,689.7	5,030.1	5,272.5	5,142.7	6,988.1	8,239.8	9,780.6	1,790.8	600.2
Construction	99.8	88.5	60.6	59.6	71.3	57.3	61.0	65.8	85.4	88.2
Insurance and pension services	74.4	100.7	129.0	118.6	76.7	85.3	86.3	90.1	75.3	100.8
Financial Services	100.5	84.7	189.9	414.2	394.2	237.3	279.1	233.6	90.1	192.4
Charges for the use of intellectual property n.i.e.	7.6	3.0	9.8	11.2	9.5	16.9	44.1	27.9	15.3	33.3
Telecommunications, computer and information services	3,003.2	3,335.9	3,472.4	3,460.9	5,493.2	5,638.4	5,940.0	6,098.0	5,929.7	6,299.6
Other business services	11,305.6	13,207.6	14,473.2	17,550.5	15,125.2	15,579.9	16,653.2	17,456.2	17,798.1	19,477.5
Personal, cultural, and recreational services	84.3	106.9	151.5	149.2	169.1	190.8	149.0	160.6	136.3	174.7
Government goods and services, n.i.e.	13.8	13.9	14.6	17.7	17.4	19.1	18.8	19.1	21.8	21.9
Total	20,439.2	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	38,396.8	41,264.0	31,822.2	33,626.5

Source:
ASEAN Secretariat

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

Table 6.18. Philippines Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	117.1	256.3	91.2	83.2	111.7	131.8	136.5	171.1	69.8	50.0
Transport	3,610.7	3,418.6	3,869.4	3,855.8	4,338.1	5,017.6	5,355.8	5,163.7	4,194.0	5,046.7
Travel	6,548.0	7,832.8	10,597.6	11,342.6	11,135.1	11,849.6	11,863.0	12,037.6	4,088.5	3,261.6
Construction	41.9	77.2	70.0	42.4	59.8	63.4	73.4	70.8	96.5	47.4
Insurance and pension services	881.3	805.2	814.9	897.1	1,345.2	1,502.0	1,465.0	1,643.7	1,388.9	1,842.1
Financial Services	253.5	301.8	367.0	450.7	558.5	505.7	566.5	772.2	543.2	338.2
Charges for the use of intellectual property n.i.e.	471.3	529.4	547.0	612.6	546.4	751.4	917.0	832.7	519.3	622.9
Telecommunications, computer and information services	349.4	526.6	634.1	772.9	671.5	851.8	991.3	1,332.2	1,515.4	2,130.7
Other business services	1,651.6	2,267.0	3,561.2	5,110.8	4,911.1	4,983.9	4,628.1	5,475.2	4,983.0	5,491.9
Personal, cultural, and recreational services	37.5	43.6	54.5	187.3	126.1	187.7	274.4	186.6	154.3	214.5
Government goods and services, n.i.e.	298.2	262.1	314.7	254.8	356.8	293.7	518.1	538.8	403.0	407.0
Total	14,260.5	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,789.0	28,224.7	17,955.8	19,453.0

Source:
ASEAN Secretariat

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

Table 6.19. Singapore Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	199.7	226.3	334.9	252.0	206.2	176.1	268.8	186.0	265.0	387.5
Maintenance and repair services n.i.e.	7,244.2	8,604.8	7,776.1	6,775.7	6,180.0	5,950.7	7,478.9	7,733.3	6,714.3	7,564.2
Transport	44,479.7	46,216.7	50,445.0	46,622.9	41,309.3	48,629.0	61,712.3	63,194.0	63,104.8	68,100.8
Travel	18,794.4	19,230.6	19,159.8	16,617.3	18,943.5	19,925.4	20,417.8	20,312.6	5,177.9	3,806.5
Construction	1,538.2	1,706.7	1,163.6	852.6	986.8	732.6	1,188.2	1,245.9	880.8	1,085.5
Insurance and pension services	2,717.9	2,904.6	3,347.4	3,864.3	4,398.6	4,861.0	7,029.4	6,552.4	5,988.6	5,897.0
Financial Services	16,559.7	18,869.3	21,043.7	21,006.5	21,760.8	25,312.3	28,758.1	30,646.5	34,344.6	37,189.1
Charges for the use of intellectual property n.i.e.	2,812.4	3,414.4	3,909.3	8,651.5	7,029.9	8,008.3	8,778.7	8,652.9	8,676.6	11,643.5
Telecommunications, computer and information services	6,724.2	7,633.9	7,966.7	8,873.3	12,141.2	12,893.0	14,736.8	13,453.2	17,486.1	18,626.6
Other business services	27,590.8	32,398.9	37,680.0	38,777.2	38,133.0	43,742.6	53,702.2	62,293.4	65,948.7	74,281.7
Personal, cultural, and recreational services	479.0	508.7	632.5	620.3	544.6	488.4	737.2	926.5	875.5	880.9
Government goods and services, n.i.e.	306.3	312.9	312.0	288.8	293.0	296.2	306.5	307.3	298.7	313.8
Total	129,446.4	142,027.7	153,771.0	153,202.4	151,926.8	171,015.6	205,115.0	215,504.0	209,761.6	229,777.2

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

Table 6.20. Singapore Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	4,280.4	5,195.0	6,192.7	6,067.2	5,566.2	5,935.3	5,616.3	5,811.7	6,731.6	8,484.1
Maintenance and repair services n.i.e.	669.8	675.5	695.1	676.0	668.9	595.1	734.9	863.1	709.5	707.4
Transport	35,615.3	39,383.6	45,633.6	47,724.5	43,347.1	50,971.1	62,921.2	63,906.5	65,928.2	73,844.9
Travel	23,138.2	24,406.9	25,545.5	23,657.9	23,965.8	25,022.5	26,533.2	27,319.8	7,253.6	4,025.0
Construction	519.2	543.3	392.7	339.6	372.1	372.5	546.1	469.4	492.0	631.4
Insurance and pension services	2,799.3	3,402.3	2,848.6	3,183.5	4,366.6	4,018.8	4,922.6	5,467.1	6,131.7	6,131.7
Financial Services	3,228.1	3,713.9	4,342.2	4,505.4	4,606.2	5,570.3	6,562.6	7,191.3	9,840.6	10,490.6
Charges for the use of intellectual property n.i.e.	23,105.1	22,992.0	20,876.7	19,400.6	15,663.3	15,813.4	17,245.9	15,330.0	15,351.4	17,805.9
Telecommunications, computer and information services	7,614.5	9,424.3	16,029.7	10,861.4	12,775.0	15,070.4	14,685.3	16,809.6	23,176.5	26,521.5
Other business services	31,287.7	39,280.0	43,379.1	44,581.7	46,533.7	57,412.9	59,955.6	61,818.1	67,379.7	73,831.3
Personal, cultural, and recreational services	446.4	466.8	493.5	498.4	392.5	422.3	485.7	510.6	708.4	796.7
Government goods and services, n.i.e.	205.5	229.4	232.9	199.8	224.6	212.5	230.6	231.3	209.5	223.3
Total	132,909.6	149,712.9	166,662.1	161,696.0	158,481.9	181,417.3	200,440.1	205,728.5	203,912.6	223,493.8

Source:
ASEAN Secretariat

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

Table 6.21. Thailand Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	5,923.5	6,144.1	5,723.3	5,743.5	5,724.1	6,873.9	7,694.3	7,196.1	3,334.9	4,321.6
Travel	30,654.4	37,807.3	34,822.2	41,245.7	44,785.9	52,376.0	56,366.0	59,810.3	13,525.2	4,812.4
Construction	440.5	817.2	612.8	533.0	462.7	358.1	286.5	243.2	178.5	191.4
Insurance and pension services	383.8	230.8	81.6	57.9	68.2	81.4	124.9	181.7	146.9	212.7
Financial Services	604.1	740.6	537.7	580.2	724.0	752.3	782.4	721.8	778.0	769.2
Charges for the use of intellectual property n.i.e.	104.8	62.0	56.7	84.7	69.1	101.5	163.0	197.5	225.3	300.7
Telecommunications, computer and information services	473.8	538.8	527.9	495.6	522.9	450.1	602.5	585.9	481.7	328.6
Other business services	7,517.1	7,995.7	9,163.5	8,919.8	11,078.5	9,605.0	11,043.6	11,682.1	11,982.0	13,131.9
Personal, cultural, and recreational services	82.6	76.9	61.1	58.1	60.1	68.3	88.8	165.7	53.6	107.6
Government goods and services, n.i.e.	336.8	390.7	353.3	363.8	290.9	297.6	321.7	393.1	282.6	326.0
Total	46,521.4	54,804.1	51,940.2	58,082.1	63,786.4	70,964.2	77,473.6	81,177.5	30,988.7	24,502.0

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition. Data on Maintenance and Repair Services are negligible; hence, included in Other Business Services
- : not available at the time of publication

Table 6.22. Thailand Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	21,759.7	21,347.6	19,063.9	15,662.3	15,063.1	16,829.4	18,934.8	18,891.4	18,181.0	33,613.9
Travel	6,247.6	6,481.4	7,070.6	7,718.2	9,072.2	10,504.0	12,083.3	12,355.0	3,844.8	2,721.6
Construction	224.1	709.2	762.6	850.0	517.7	279.0	265.6	415.0	903.9	496.7
Insurance and pension services	2,118.3	2,035.4	1,818.1	1,571.9	1,441.2	1,816.6	2,299.7	2,293.1	2,428.7	3,338.2
Financial Services	741.0	794.9	705.4	690.3	647.8	985.5	1,037.5	1,268.9	1,226.8	1,245.3
Charges for the use of intellectual property n.i.e.	3,609.7	4,593.4	3,970.8	4,121.5	3,979.5	4,280.8	5,274.4	5,311.9	4,503.7	5,606.2
Telecommunications, computer and information services	514.5	599.5	679.3	612.3	555.2	568.4	646.3	934.8	914.5	1,210.7
Other business services	10,213.9	10,527.9	10,844.0	10,952.2	11,887.2	11,089.5	14,082.8	15,043.9	12,898.9	15,387.7
Personal, cultural, and recreational services	23.3	20.8	19.3	29.4	29.8	31.8	37.2	49.2	83.2	375.4
Government goods and services, n.i.e.	219.4	292.7	313.2	310.3	317.9	283.5	277.7	291.4	295.1	259.4
Total	45,671.4	47,402.8	45,247.3	42,518.3	43,511.4	46,668.3	54,939.1	56,854.6	45,280.7	64,255.2

Source:
ASEAN Secretariat

Note:
1) Based on IMF Balance of Payments Manual, 6th Edition. Data on Maintenance and Repair Services are negligible; hence, included in Other Business Services
-/- not available at the time of publication

Table 6.23. Viet Nam Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	8,550.7	7,948.6	8,980.0	16,834.1	16,466.3	17,000.0
Maintenance and repair services n.i.e.	7.4	7.9	8.3	20.0	20.1	23.1	36.0	182.0	99.0	57.3
Transport	2,074.6	2,255.1	2,398.0	2,445.0	2,462.7	2,820.7	4,384.6	4,477.1	3,468.1	2,052.7
Travel	6,850.0	7,250.0	7,410.0	7,350.0	8,500.0	8,890.0	10,080.0	11,830.0	3,232.0	149.0
Construction	85.0	126.5	144.5	148.6	164.9	175.7	213.3	204.0	69.0	68.0
Insurance and pension services	64.0	60.0	58.0	55.0	56.0	57.0	63.0	84.4	70.0	68.0
Financial Services	150.0	183.0	175.0	107.0	115.0	115.0	208.0	219.5	87.0	164.0
Charges for the use of intellectual property n.i.e.	28.0	3.0	3.0	3.5	3.8	4.0	4.5	61.0	18.0	18.0
Telecommunications, computer and information services	236.0	466.9	470.0	561.7	606.1	618.9	719.8	857.5	876.8	885.0
Other business services	14.5	226.6	1,420.3	1,739.2	1,873.3	2,001.3	2,167.8	2,308.8	1,734.0	1,613.0
Personal, cultural, and recreational services	0.5	6.0	7.0	8.0	9.0	10.0	12.0	18.7	12.0	12.0
Government goods and services, n.i.e.	110.0	125.0	137.0	142.0	150.0	162.0	171.0	179.0	177.0	175.0
Total	9,620.0	10,710.0	12,231.0	12,580.0	22,511.7	22,826.3	27,040.0	37,256.1	26,309.3	22,262.0

Source:
ASEAN Secretariat

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

Table 6.24. Viet Nam Imports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	-	-	-	-	8.2	23.9	26.0	424.0	23.3	25.0
Maintenance and repair services n.i.e.	97.1	104.0	96.2	100.1	145.3	117.9	218.0	1,078.0	1,058.3	1,058.3
Transport	6,860.9	7,286.0	7,687.8	7,975.2	7,938.3	7,310.4	7,321.1	7,517.0	8,024.3	9,441.7
Travel	1,856.0	2,050.0	2,650.0	3,595.0	4,500.0	5,040.0	5,910.0	6,460.0	4,610.0	3,830.0
Construction	247.5	303.3	347.6	374.2	398.7	418.5	455.8	212.4	180.0	160.0
Insurance and pension services	874.0	911.0	1,020.0	1,015.0	800.0	670.0	580.0	460.0	918.0	575.0
Financial Services	175.0	178.0	185.0	219.0	140.0	219.0	191.0	309.0	176.0	247.0
Charges for the use of intellectual property n.i.e.	110.0	556.0	570.0	608.0	550.0	555.0	606.0	1,716.0	1,143.0	1,143.0
Telecommunications, computer and information services	209.5	227.9	257.2	340.0	357.7	367.3	389.0	661.2	650.9	563.0
Other business services	453.0	1,728.8	2,500.2	2,265.5	2,757.0	3,769.9	4,453.1	2,675.9	3,057.5	3,150.0
Personal, cultural, and recreational services	-	8.0	10.0	11.0	11.0	10.0	11.0	60.5	297.0	297.0
Government goods and services, n.i.e.	167.0	185.0	195.0	200.0	202.0	206.0	213.0	218.0	192.0	192.0
Total	11,050.0	13,538.0	15,519.0	16,703.0	17,808.2	18,707.9	20,374.0	21,792.0	20,330.3	20,682.0

Source:
ASEAN Secretariat

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

Table 6.25. Intra-ASEAN Exports of Services¹⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	154.6	165.1	177.7	114.2	1,257.4	1,025.5	2,259.9	3,285.7	3,159.0	3,592.3
Maintenance and repair services n.i.e.	1,014.7	889.6	789.8	856.2	858.0	517.8	573.1	1,027.7	706.5	775.9
Transport	9,343.4	9,513.4	8,588.8	7,961.3	7,696.8	7,697.4	10,202.7	10,226.9	7,655.5	9,413.3
Travel	27,925.4	29,901.1	29,958.9	26,763.1	28,971.6	29,988.1	31,008.5	31,219.9	6,787.3	1,494.2
Construction	1,056.3	1,320.2	1,236.6	1,344.1	1,020.1	988.6	1,288.8	1,448.6	1,185.2	1,258.9
Insurance and pension services	1,014.3	1,020.3	1,340.8	1,426.3	1,493.1	1,592.0	1,884.5	1,840.2	1,422.8	1,951.8
Financial Services	1,305.2	1,481.5	1,410.6	1,498.4	1,708.1	1,974.4	2,423.0	2,268.4	2,440.6	2,756.8
Charges for the use of intellectual property n.i.e.	519.7	591.1	620.3	556.8	500.6	664.0	989.5	1,098.9	736.6	1,029.9
Telecommunications, computer and information services	2,255.4	2,501.1	2,732.4	2,926.9	3,123.6	3,470.1	3,772.2	4,113.2	4,128.7	4,552.3
Other business services	8,807.4	9,363.2	9,834.5	9,232.6	10,743.3	11,884.2	13,748.4	15,166.6	14,592.1	15,870.7
Personal, cultural, and recreational services	171.4	181.9	234.9	282.9	335.1	289.0	383.3	554.7	569.4	569.5
Government goods and services, n.i.e.	170.2	333.5	188.1	220.2	137.5	202.4	120.3	144.3	113.5	68.0
Total	53,738.0	57,262.3	57,113.2	53,183.1	57,845.2	60,293.7	68,654.1	72,394.9	43,497.4	43,333.8

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⁾, 2012-2021

(in million US\$)

Service Heading	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Manufacturing services on physical inputs owned by others	710.8	676.4	733.8	847.8	1,018.9	1,144.4	1,165.6	1,262.7	1,451.9	1,504.0
Maintenance and repair services n.i.e.	274.3	336.1	294.1	379.4	362.2	295.1	328.3	529.8	454.2	515.8
Transport	11,750.5	11,777.4	12,232.2	11,202.2	10,176.9	11,460.4	13,836.6	11,985.0	11,856.5	14,198.7
Travel	23,891.7	25,533.8	26,103.3	23,424.6	21,749.9	23,124.3	23,812.6	23,907.7	4,484.7	2,428.8
Construction	1,098.9	1,224.9	1,043.4	929.9	791.8	503.3	950.2	1,029.3	1,225.3	1,256.2
Insurance and pension services	1,870.0	1,888.8	1,618.8	1,783.0	1,588.6	1,908.2	2,050.6	2,449.1	2,261.0	2,644.8
Financial Services	665.5	593.7	459.1	607.9	680.4	720.1	881.8	1,292.5	908.8	1,046.6
Charges for the use of intellectual property n.i.e.	645.7	709.5	715.5	785.7	809.7	715.6	1,147.6	1,272.5	1,004.6	1,360.5
Telecommunications, computer and information services	2,527.3	2,843.2	2,642.4	2,851.3	2,823.6	3,096.4	3,595.1	3,845.8	4,257.9	5,031.5
Other business services	8,940.5	10,843.6	10,438.1	10,427.0	11,316.6	11,668.8	12,892.6	13,302.1	12,777.6	13,723.0
Personal, cultural, and recreational services	207.5	265.6	309.7	249.7	207.8	350.8	476.9	401.4	296.7	308.4
Government goods and services, n.i.e.	127.1	151.7	206.8	119.3	207.8	257.0	258.4	285.1	209.6	201.9
Total	52,709.8	56,844.7	56,797.3	53,607.8	51,734.1	55,244.6	61,396.3	61,563.2	41,189.0	44,220.2

Source:
ASEAN Secretariat

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

Chapter 7

FOREIGN DIRECT INVESTMENT (FDI)



Table 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Host Country, 2012-2021

(in million US\$)

Host Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ¹⁾
Brunei Darussalam	864.8	725.5	568.2	171.3	-150.4	460.1	517.3	374.6	577.4	204.8
Cambodia	1,557.1	1,274.9	1,726.5	1,701.0	2,475.9	2,788.1	3,212.6	3,663.0	3,624.6	3,483.5
Indonesia	19,137.9	18,443.8	21,810.4	16,642.1	3,920.7	20,579.2	20,563.5	23,883.3	18,591.0	20,081.2
Lao PDR	294.4	426.7	913.2	1,079.2	1,075.7	1,695.4	1,358.0	755.5	967.7	1,071.9
Malaysia	9,400.0	12,107.1	10,875.3	10,180.0	11,290.3	9,295.8	7,611.3	7,859.7	3,185.3	11,593.9
Myanmar	1,354.2	2,620.9	946.2	2,824.5	2,989.5	4,002.4	1,609.8	1,729.9	2,205.6	1,005.0
Philippines	2,797.0	3,859.8	5,814.6	5,639.2	8,279.5	10,256.4	9,948.6	8,671.4	6,822.1	12,412.6
Singapore	60,101.9	56,670.9	73,284.5	59,702.3	67,504.6	82,496.0	73,917.6	106,319.8	75,466.2	99,061.5
Thailand	12,899.0	15,936.0	4,975.5	8,927.7	3,486.3	8,285.2	13,751.8	5,518.7	-4,951.0	14,640.9
Viet Nam	8,368.0	8,900.0	9,200.1	11,800.0	12,600.0	14,100.0	15,500.0	16,120.0	15,800.0	15,660.0
ASEAN	116,774.3	120,965.5	130,114.5	118,667.2	113,472.0	153,958.6	147,990.4	174,895.9	122,288.9	179,215.3

Source:
ASEAN Secretariat

Note:
1) Data for 2021 are preliminary figures

Table 7.2. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2012–2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ¹⁾
ASEAN ²⁾	23,900.8	18,464.2	22,180.9	20,819.3	26,445.2	26,862.8	22,841.9	21,734.7	22,651.6	23,533.6
REST OF THE WORLD	92,873.5	102,501.3	107,933.6	97,847.9	87,026.8	127,095.8	125,148.4	153,161.2	99,637.4	155,681.7
Australia	741.1	2,165.5	4,032.1	1,407.2	983.1	-1,244.6	2,092.7	1,095.3	84.9	602.5
Canada	3,870.8	790.0	2,239.7	1,179.7	1,898.7	1,544.2	-38.4	4,885.2	2,826.8	3,674.7
China	7,975.2	6,165.2	6,811.7	6,571.8	9,951.8	18,048.3	12,815.6	9,421.4	7,091.6	13,829.1
EU ³⁾	-2,536.7	15,718.5	28,943.3	20,373.1	31,168.3	14,867.4	29,471.3	14,724.1	18,526.2	26,531.3
India	7,040.7	1,731.2	1,163.5	1,473.4	771.5	1,512.2	528.5	1,732.7	219.0	1,982.5
Japan	14,852.8	24,608.6	13,436.1	12,962.3	15,524.1	15,553.6	28,128.8	23,236.1	11,788.9	11,876.4
Korea, Republic of	1,278.5	4,302.7	5,257.2	5,608.8	6,672.0	5,750.6	5,529.6	8,212.9	7,571.3	7,120.5
New Zealand	-945.8	270.0	496.3	-58.3	331.5	146.5	-157.8	277.7	216.2	-0.4
Russian Federation	189.1	608.0	-113.5	-24.4	63.4	47.8	61.5	88.1	78.0	31.8
USA	18,911.4	11,457.9	21,141.3	22,912.5	12,549.1	30,627.8	-25,815.6	38,048.6	28,645.6	40,249.4
Others ⁴⁾	41,496.4	34,683.8	24,526.0	25,441.9	7,113.3	40,242.1	72,532.2	51,439.1	22,588.9	49,783.9
Total	116,774.3	120,965.5	130,114.5	118,667.2	113,472.0	153,958.6	147,990.4	174,895.9	122,288.9	179,215.3

Source:
ASEAN Secretariat

Notes:

1) Data for 2021 are preliminary figures

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

3) Data for 2012–2019 covers EU28 while for 2020–2021 covers EU27

4) Includes unspecified country source for reinvestment of earnings in the Philippines and estimated extra-ASEAN for Lao PDR (2012 and 2013)

Chart 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2012-2021

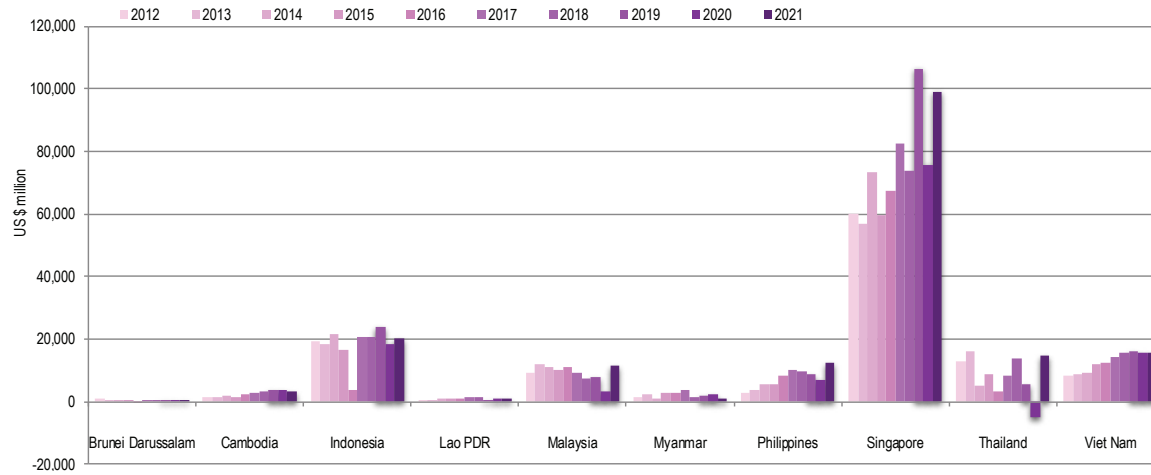


Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2012-2021

(in million US\$)

Host Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ¹⁾
Brunei Darussalam	31.5	-58.0	141.2	86.7	-64.7	535.3	82.8	-17.9	4.0	43.8
Cambodia	523.0	298.8	372.5	425.4	625.7	603.5	788.7	707.5	640.3	630.2
Indonesia	7,587.9	8,721.1	13,083.7	9,228.6	9,907.5	10,189.7	11,157.0	6,880.5	7,928.0	7,057.9
Lao PDR	73.6	104.6	137.9	221.8	196.6	171.2	147.2	72.4	79.9	223.7
Malaysia	2,813.9	2,150.0	2,284.0	2,931.4	2,098.7	2,219.2	256.1	1,417.5	2,499.6	2,155.8
Myanmar	151.2	1,186.8	683.6	2,230.6	1,682.9	2,590.4	910.8	1,171.3	948.8	527.6
Philippines	145.2	-41.7	137.1	57.3	608.3	725.5	1,070.2	662.2	295.7	2,375.0
Singapore	12,057.3	3,495.7	4,734.5	3,050.4	7,080.1	5,482.8	3,840.1	3,189.3	2,315.2	3,610.0
Thailand	-745.4	528.2	-940.7	433.6	2,003.4	1,814.0	1,737.7	5,210.6	1,661.7	1,237.1
Viet Nam	1,262.5	2,078.6	1,547.1	2,153.5	2,306.6	2,531.2	2,851.3	2,441.3	6,278.2	5,672.4
ASEAN²⁾	23,900.8	18,464.2	22,180.9	20,819.3	26,445.2	26,862.8	22,841.9	21,734.7	22,651.6	23,533.6

Source:
ASEAN Secretariat

Notes:

1) Data for 2021 are preliminary figures

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

Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2012-2021

(in million US\$)

Source Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ¹⁾
Brunei Darussalam	845.9	225.4	-593.1	52.5	221.9	38.1	-26.2	64.5	-80.0	-6.2
Cambodia	2.4	-1.6	20.4	47.1	-7.4	20.4	44.0	48.4	51.0	31.3
Indonesia	6,307.3	2,314.1	1,173.4	838.1	2,174.5	1,837.1	654.5	259.7	-37.8	1,231.0
Lao PDR	0.1	1.1	1.8	2.2	23.9	6.7	28.7	8.9	2.2	13.6
Malaysia	3,894.9	1,385.3	1,647.1	3,743.6	4,800.0	4,551.0	2,473.4	1,164.9	2,480.3	2,769.9
Myanmar	98.7	95.8	101.0	29.5	85.0	33.9	-61.6	-37.7	-61.9	6.3
Philippines	867.8	-321.9	334.1	905.0	360.7	288.2	1,583.7	160.7	571.1	463.7
Singapore	9,814.7	13,267.9	15,721.2	13,702.2	15,465.7	17,486.6	15,920.8	15,733.5	12,911.1	15,854.7
Thailand	1,477.5	1,022.1	3,598.5	1,084.7	3,138.6	2,157.1	1,761.0	3,786.9	5,915.7	2,649.8
Viet Nam	442.7	338.5	304.0	399.3	146.3	410.2	409.5	478.1	822.8	357.4
Unspecified	148.8	137.5	-127.7	15.1	36.2	33.5	54.4	66.9	77.0	162.0
ASEAN²⁾	23,900.8	18,464.2	22,180.9	20,819.3	26,445.2	26,862.8	22,841.9	21,734.7	22,651.6	23,533.6

Source:
ASEAN Secretariat

Notes:

1) Data for 2021 are preliminary figures

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

Chart 7.2. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows 2012-2021

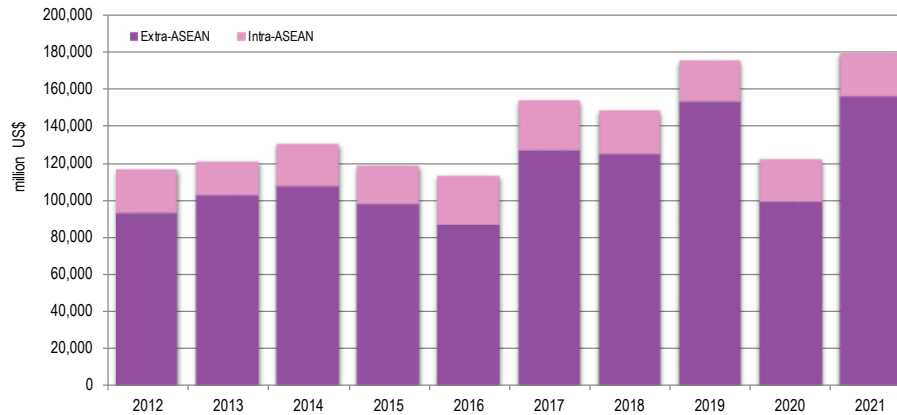
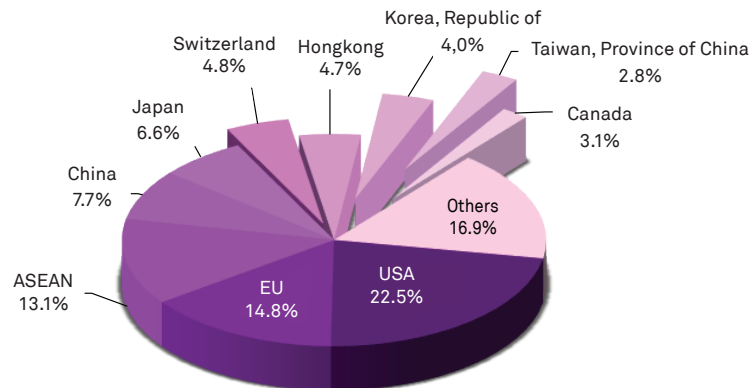
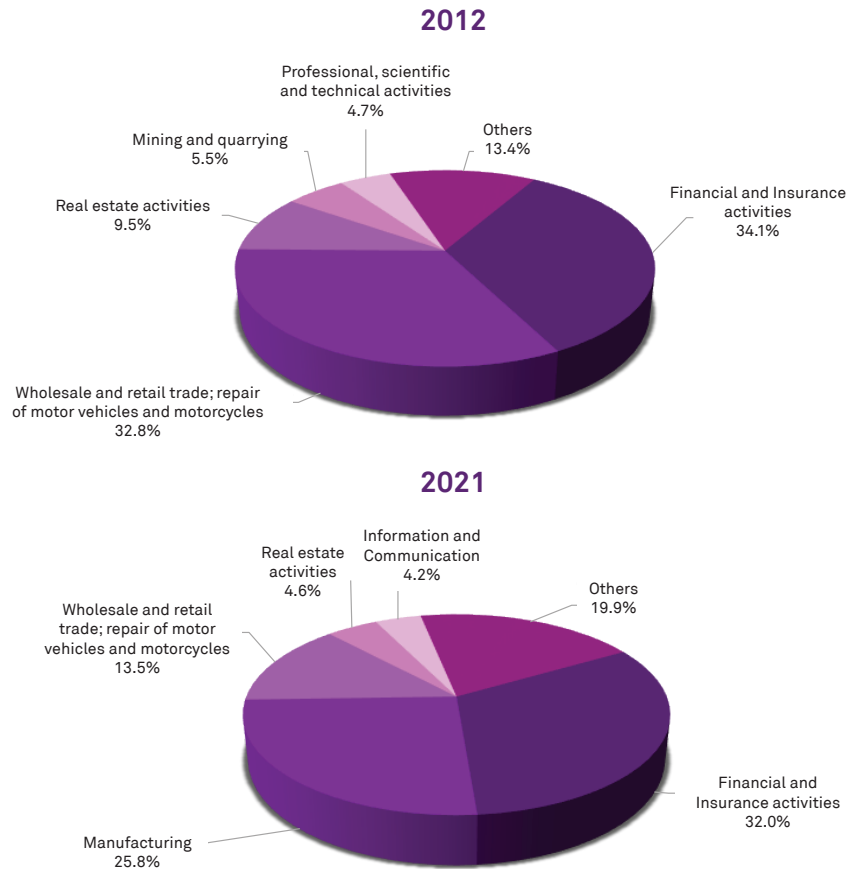


Chart 7.3. ASEAN Top Ten Foreign Direct Investment (FDI) by Source Country, 2021



Source: ASEAN Secretariat

Chart 7.4. Foreign Direct Investment (FDI) in ASEAN by Top 5 Industry, 2012 and 2021



Source: ASEAN Secretariat

Table 7.5. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2019–2021

2019		
Country	Value (Million US\$)	Share (%)
USA	38,048.6	21.8
Japan	23,236.1	13.3
ASEAN	21,734.7	12.4
EU	14,724.1	8.4
Hong Kong	12,938.0	7.4
China	9,421.4	5.4
Korea, Republic of	8,212.9	4.7
Canada	4,885.2	2.8
Switzerland	3,997.1	2.3
Taiwan, Province of China	3,101.6	1.8
Top Ten Countries	140,299.8	80.2
Others	34,596.1	19.8
Total	174,895.9	100.0

Source:
ASEAN Secretariat

2020		
Country	Value (Million US\$)	Share (%)
USA	28,645.6	23.4
ASEAN	22,651.6	18.5
EU	18,526.2	15.1
Japan	11,788.9	9.6
Hong Kong	7,748.8	6.3
Korea, Republic of	7,571.3	6.2
China	7,091.6	5.8
Switzerland	6,252.7	5.1
Taiwan, Province of China	5,429.4	4.4
Canada	2,826.8	2.3
Top Ten Countries	118,532.9	96.9
Others	3,756.1	3.1
TOTAL	122,288.9	100.0

Note:
Data for EU in 2019 covers EU28 while in 2020–2021 covers EU27

2021		
Country	Value (Million US\$)	Share (%)
USA	40,249.4	22.5
EU	26,531.3	14.8
ASEAN	23,533.6	13.1
China	13,829.1	7.7
Japan	11,876.4	6.6
Switzerland	8,685.0	4.8
Hong Kong	8,375.2	4.7
Korea, Republic of	7,120.5	4.0
Taiwan, Province of China	5,071.9	2.8
Canada	3,674.7	2.1
Top Ten Countries	148,947.0	83.1
Others	30,268.2	16.9
TOTAL	179,215.3	100.0

Table 7.6. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Industry, 2012-2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	1,746.9	2,330.2	4,716.7	5,389.0	2,683.3	4,275.5	3,731.9	2,454.2	334.4	539.9
Mining and quarrying	6,461.8	8,103.6	7,492.0	6,542.0	3,921.4	2,253.2	-6,926.4	2,082.1	1,881.4	3,549.4
Manufacturing	-8,169.1	39,905.2	26,887.9	28,490.8	21,341.3	31,910.9	62,459.4	48,110.0	18,991.7	46,233.5
Electricity, gas, steam and air conditioning supply	192.2	1,193.8	406.3	2,039.9	1,047.3	7,320.0	1,399.5	1,535.0	3,941.3	6,407.3
Water supply; sewerage, waste management and remediation activities	247.7	597.9	89.3	-40.2	397.5	544.8	159.4	572.0	343.7	356.5
Construction	-256.4	836.3	1,053.2	249.4	1,033.7	2,240.7	3,309.4	2,737.4	-127.9	1,247.5
Wholesale and retail trade; repair of motor vehicles and motor cycles	38,317.8	17,384.3	21,912.9	10,603.6	16,683.2	14,342.6	13,560.9	22,167.8	26,002.1	24,200.1
Transportation and storage	3,622.5	2,612.4	-717.1	4,327.4	330.7	682.7	-106.9	1,205.0	5,544.4	7,158.0
Accommodation and food service activities	148.7	21.2	229.6	238.0	1,377.1	248.4	622.9	62.0	464.6	1,579.2
Information and communication	2,407.6	1,827.0	2,396.3	3,510.0	2,831.4	7,134.4	4,237.6	-964.0	1,411.0	7,447.0
Financial and insurance activities	39,801.7	22,078.1	44,395.8	32,141.4	38,425.2	53,534.4	34,344.2	51,742.5	46,754.0	57,409.5
Real estate activities	11,054.3	9,312.1	9,699.3	8,865.5	10,323.0	13,019.5	13,190.2	10,923.9	7,645.8	8,296.2
Professional, scientific and technical activities	5,506.4	421.1	2,047.8	12,171.2	4,350.5	5,944.1	5,580.0	21,247.0	4,441.1	-181.4
Administrative and support service activities	244.9	62.2	200.6	298.2	249.0	220.0	602.8	193.2	449.8	63.4
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	24.8	34.2	10.8	11.4	-54.8	-26.3
Education	2.3	65.8	53.0	1.4	65.2	96.5	51.3	303.1	134.5	251.4
Human health and social work activities	293.4	131.1	206.3	127.0	-105.2	331.3	815.1	2,320.3	-1.9	684.3
Arts, entertainment and recreation	119.1	221.2	-35.3	-14.9	727.2	46.9	670.0	58.3	-29.8	6.8
Other services activities.	13,275.2	10,210.5	4,864.5	-234.5	2,028.3	2,868.9	2,673.6	1,752.5	-955.4	4,876.5
Others	1,757.4	3,651.6	4,215.2	3,961.8	5,736.9	6,909.5	7,604.4	6,382.2	5,118.8	9,116.4
Total	116,774.3	120,965.5	130,114.5	118,667.2	113,472.0	153,958.6	147,990.4	174,895.9	122,288.9	179,215.3

Source:
ASEAN Secretariat

Table 7.7. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Australia by Industry, 2012–2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	4.6	3.1	10.2	2.6	0.9	3.5	-0.2	0.4	0.7	0.6
Mining and quarrying	14.4	193.5	216.6	34.4	-115.9	194.6	-28.7	82.6	96.6	66.0
Manufacturing	-822.3	516.6	-84.0	64.2	308.9	-271.0	904.0	-911.8	-53.9	325.4
Electricity, gas, steam and air conditioning supply	0.1	4.9	0.5	13.0	2.1	14.1	11.8	3.3	7.9	7.3
Water supply; sewerage, waste management and remediation activities	0.0	0.1	0.2	0.1	4.9	0.8	2.0	1.5	0.4	0.7
Construction	-118.1	144.4	18.9	-110.7	69.4	-36.9	0.6	-25.5	-37.8	0.4
Wholesale and retail trade; repair of motor vehicles and motor cycles	-588.3	85.4	295.0	3,322.9	-74.4	516.1	603.6	393.7	-472.2	134.7
Transportation and storage	326.4	112.1	206.9	-77.3	-48.6	95.6	39.7	14.5	435.6	82.1
Accommodation and food service activities	0.0	2.7	1.4	1.3	8.5	-0.1	4.2	-3.2	-3.2	0.5
Information and communication	-9.8	12.4	-71.7	55.6	118.9	7.8	60.5	-39.7	110.8	58.0
Financial and insurance activities	917.3	862.5	3,836.9	197.1	-1,569.3	-2,222.2	77.1	1,111.9	-470.1	212.9
Real estate activities	117.7	-15.4	166.5	-16.7	133.0	116.3	58.8	-6.9	136.4	-28.7
Professional, scientific and technical activities	161.3	-2.7	-28.4	-71.8	2,000.1	116.3	193.5	266.8	239.4	-289.2
Administrative and support service activities	4.7	-5.4	-4.9	1.0	4.3	1.0	13.0	-0.5	6.3	0.7
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Education	0.0	0.3	0.2	0.1	0.6	0.2	0.4	0.1	0.4	0.1
Human health and social work activities	10.8	9.6	7.9	5.0	0.7	0.7	1.1	0.7	0.0	0.0
Arts, entertainment and recreation	0.1	0.1	-0.2	0.1	3.1	2.2	11.5	39.8	6.8	2.0
Other services activities.	45.3	51.9	-55.5	-2,054.9	113.8	216.3	139.9	167.8	80.7	29.0
Others	676.9	189.3	-484.1	41.2	22.0	0.0	0.0	0.0	0.0	0.0
Total	741.1	2,165.5	4,032.1	1,407.2	983.1	-1,244.6	2,092.7	1,095.3	84.9	602.5

Source:
ASEAN Secretariat

Table 7.8. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Canada by Industry, 2012-2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	0.3	0.3	1.0	0.0	0.2	0.1	0.2	0.2	0.3	0.2
Mining and quarrying	-2.8	20.3	62.8	25.1	-24.9	-29.5	-15.3	-4.2	40.9	57.3
Manufacturing	128.1	103.0	166.9	8.5	62.5	-41.5	-7.1	131.6	37.0	55.8
Electricity, gas, steam and air conditioning supply	0.1	1.0	1.3	0.4	0.3	4.2	1.8	2.1	6.7	5.7
Water supply; sewerage, waste management and remediation activities	0.0	0.1	0.3	4.3	1.5	-0.1	2.5	2.5	1.2	-2.0
Construction	0.3	0.1	6.3	0.1	12.2	0.5	1.4	848.5	-0.7	0.4
Wholesale and retail trade; repair of motor vehicles and motor cycles	519.8	5.5	-42.0	29.9	-41.4	72.2	-86.4	60.8	278.8	-14.2
Transportation and storage	38.5	3.7	0.7	-0.1	-1.6	17.4	-38.1	-71.6	-26.7	-39.2
Accommodation and food service activities	3.6	0.1	2.8	-0.5	0.7	0.3	1.1	0.3	-0.9	0.9
Information and communication	-0.4	0.3	0.4	4.8	133.8	3.0	-28.0	60.8	37.0	51.5
Financial and Insurance activities	621.1	714.4	858.0	1,075.6	1,169.3	1,575.0	414.1	3,861.4	3,289.3	3,431.4
Real estate activities	12.5	20.9	22.6	15.1	47.3	61.2	52.2	6.1	8.3	33.2
Professional, scientific and technical activities	2,259.0	-118.6	830.2	-22.2	577.7	-95.9	-120.1	27.5	-820.7	17.8
Administrative and support service activities	0.0	-0.1	0.1	-0.2	0.3	1.1	0.8	-0.5	0.8	0.0
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Education	-4.0	9.9	5.3	-9.1	6.0	23.3	18.4	-12.5	21.2	-9.5
Human health and social work activities	0.2	0.1	2.4	0.0	0.1	0.2	0.1	0.4	0.0	0.0
Arts, entertainment and recreation	0.2	0.0	-0.5	0.0	0.5	0.0	1.3	0.1	-0.1	0.0
Other services activities.	0.1	0.1	0.1	3.0	1.3	3.5	1.0	5.5	-48.4	33.4
Others	294.2	29.1	321.0	44.8	-46.7	-50.6	-238.2	-33.8	2.8	52.0
Total	3,870.8	790.0	2,239.7	1,179.7	1,898.7	1,544.2	-38.4	4,885.2	2,826.8	3,674.7

Source:
ASEAN Secretariat

Table 7.9. Foreign Direct Investment (FDI) Inward Flows to ASEAN from China by Industry, 2012–2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	58.7	88.0	51.5	62.2	75.2	238.6	322.9	341.2	286.7	251.8
Mining and quarrying	285.1	553.4	1,122.4	274.7	110.9	679.6	-196.0	-559.2	-111.5	-427.6
Manufacturing	-108.5	1,191.2	601.4	741.6	1,183.8	1,646.2	1,501.5	3,127.9	2,724.6	3,517.3
Electricity, gas, steam and air conditioning supply	6.5	87.7	387.3	554.5	491.5	916.8	324.2	396.2	609.9	520.4
Water supply; sewerage, waste management and remediation activities	3.0	1.9	-2.8	45.9	16.2	16.9	13.7	93.1	27.1	-1.7
Construction	267.9	8.6	191.5	72.4	763.7	664.5	828.7	523.9	483.9	779.4
Wholesale and retail trade; repair of motor vehicles and motor cycles	1,319.3	780.1	488.5	372.2	-416.6	3,534.1	1,668.7	612.8	578.1	831.9
Transportation and storage	1,714.9	-102.4	-164.1	169.8	-240.8	107.6	1,071.0	89.7	300.3	1,205.1
Accommodation and food service activities	0.1	12.2	23.6	45.3	820.6	-187.4	215.3	113.8	120.1	82.5
Information and communication	41.8	-1.8	-2.9	163.9	173.4	158.4	2,123.9	218.2	26.0	2,439.2
Financial and insurance activities	523.7	112.7	2,195.3	1,801.5	4,184.7	7,020.8	1,996.5	2,233.7	123.5	1,136.3
Real estate activities	1,906.7	1,570.9	2,105.5	2,006.2	2,420.8	3,173.3	2,753.2	1,991.9	1,668.1	2,355.0
Professional, scientific and technical activities	-0.4	8.8	23.5	-5.1	31.4	50.7	72.0	148.2	59.7	576.3
Administrative and support service activities	0.2	-2.0	1.4	1.5	7.7	2.8	16.9	15.2	24.8	4.7
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Education	0.0	5.2	0.7	0.5	2.4	7.0	-13.3	1.3	-8.1	1.3
Human health and social work activities	1.4	4.0	4.0	2.2	6.5	18.8	19.0	19.1	10.6	1.3
Arts, entertainment and recreation	1.6	2.2	-0.8	0.0	13.6	0.9	33.1	1.2	-0.4	0.1
Other services activities.	1,472.4	878.1	-290.1	151.6	95.0	-1.3	64.3	53.0	168.0	555.9
Others	480.8	966.4	75.8	110.9	211.8	0.0	0.0	0.1	0.1	0.0
Total	7,975.2	6,165.2	6,811.7	6,571.8	9,951.8	18,048.3	12,815.6	9,421.4	7,091.6	13,829.1

Source:
ASEAN Secretariat

Table 7.10. Foreign Direct Investment (FDI) Inward Flows to ASEAN from European Union by Industry, 2012–2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	228.3	471.2	332.8	61.5	42.2	84.0	-465.6	269.7	18.7	15.9
Mining and quarrying	741.6	1,574.7	1,626.8	1,820.4	844.4	3,304.4	122.0	604.8	-276.4	-407.4
Manufacturing	-14,572.5	3,976.9	6,890.2	3,789.3	2,788.1	5,130.9	4,623.7	5,387.5	5,558.8	9,831.0
Electricity, gas, steam and air conditioning supply	182.4	248.1	178.2	-249.7	-210.3	2,132.5	57.3	-551.6	95.6	246.5
Water supply; sewerage, waste management and remediation activities	78.5	101.5	82.1	-143.4	78.6	297.7	12.1	32.4	5.4	106.6
Construction	-21.2	202.6	188.4	9.1	-84.4	75.5	-65.9	122.2	-107.9	99.9
Wholesale and retail trade; repair of motor vehicles and motor cycles	10,268.6	7,109.0	2,638.7	2,174.3	5,714.6	5,147.2	4,239.3	8,553.2	-3,242.7	7,523.8
Transportation and storage	-394.5	-769.1	433.7	529.3	693.4	789.1	1,571.8	184.6	1,379.6	-330.9
Accommodation and food service activities	3.5	-3.0	33.5	18.6	75.9	5.3	6.3	62.9	-197.5	-19.6
Information and communication	811.3	333.4	408.0	1,768.3	-548.9	3,368.3	2,420.3	-994.8	-643.3	2,023.5
Financial and insurance activities	-5,944.0	-1,045.4	10,681.4	-2,260.1	9,136.1	-8,624.6	17,910.1	6,818.2	15,161.7	10,439.6
Real estate activities	364.5	334.1	453.4	720.8	373.6	568.3	1,081.6	526.4	245.2	394.4
Professional, scientific and technical activities	130.3	181.6	229.4	11,048.9	9,144.6	1,931.7	-2,223.2	-7,202.9	656.7	-3,832.4
Administrative and support service activities	53.0	31.1	-9.3	38.5	122.1	17.5	127.9	27.8	14.2	17.8
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	18.4	33.5	13.0	13.4	-57.1	-15.3
Education	-2.3	0.7	2.0	0.4	3.5	9.5	6.8	6.5	1.4	1.4
Human health and social work activities	4.4	1.6	10.6	0.6	36.0	18.0	4.9	34.5	4.8	82.3
Arts, entertainment and recreation	5.8	11.5	-9.2	3.8	9.6	4.3	22.3	-4.9	-10.1	0.2
Other services activities.	4,889.0	2,027.2	363.0	26.7	303.8	338.5	-118.5	760.0	-81.1	353.9
Others	636.7	930.7	4,409.3	1,015.8	2,627.2	235.7	125.4	74.1	0.1	0.0
Total	-2,536.7	15,718.5	28,943.3	20,373.1	31,168.3	14,867.4	29,471.3	14,724.1	18,526.2	26,531.3

Source:
ASEAN SecretariatNote:
Data for 2012-2019 covers EU28 while for 2020-2021 covers EU27

Table 7.11. Foreign Direct Investment (FDI) Inward Flows to ASEAN from India by Industry, 2012–2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	8.7	4.6	4.7	3.5	4.8	4.7	2.4	5.3	-1.1	1.2
Mining and quarrying	-0.7	0.4	-0.1	0.2	2.9	-93.5	-213.8	-134.3	61.5	54.1
Manufacturing	109.4	66.7	29.2	-129.0	59.8	59.9	129.6	-41.0	38.5	-24.7
Electricity, gas, steam and air conditioning supply	0.1	0.1	0.2	8.9	0.4	17.3	3.6	0.1	3.3	1.8
Water supply; sewerage, waste management and remediation activities	0.0	0.0	0.1	0.1	1.1	1.2	0.7	0.1	-0.2	0.0
Construction	12.2	-1.4	-5.9	11.4	35.4	0.6	15.7	19.5	26.6	-13.4
Wholesale and retail trade; repair of motor vehicles and motor cycles	697.1	249.8	67.3	144.5	816.4	69.4	711.2	299.3	160.7	124.7
Transportation and storage	-451.6	-11.0	76.1	-2.6	200.1	10.7	-5.1	124.6	25.7	-88.8
Accommodation and food service activities	-0.2	-0.2	1.5	-2.4	14.8	3.1	59.9	10.0	260.7	14.8
Information and communication	0.2	-0.1	-3.6	98.3	445.8	-497.5	51.5	99.7	188.9	202.5
Financial and insurance activities	5,345.3	607.7	658.9	1,015.9	-1,001.0	1,459.5	-633.3	1,261.2	-90.5	442.7
Real estate activities	9.1	1.3	428.7	292.2	276.1	324.7	160.1	183.2	177.4	493.0
Professional, scientific and technical activities	1.0	-1.1	1.1	45.3	-70.9	20.7	95.3	178.2	292.8	22.4
Administrative and support service activities	0.0	-0.1	0.1	0.2	-0.4	0.3	1.0	-1.0	7.9	0.1
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Education	7.1	-5.2	-8.2	-3.9	-2.2	-5.4	-7.0	-5.3	-2.9	-2.9
Human health and social work activities	0.1	0.0	0.3	0.9	1.9	2.3	14.2	-0.6	0.5	-3.6
Arts, entertainment and recreation	0.1	0.0	-0.1	0.0	0.7	0.5	2.3	0.0	0.0	0.0
Other services activities.	492.1	376.1	-85.6	-18.1	-6.6	133.5	140.2	-266.4	-3.9	31.1
Others	810.7	443.5	-1.2	8.0	-7.7	0.0	0.0	0.1	-926.8	727.4
Total	7,040.7	1,731.2	1,163.5	1,473.4	771.5	1,512.2	528.5	1,732.7	219.0	1,982.5

Source:
ASEAN Secretariat

Table 7.12. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Japan by Industry, 2012-2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	77.6	50.0	73.0	50.0	11.5	21.3	22.5	-18.0	9.1	8.3
Mining and quarrying	198.2	-292.0	637.6	514.5	615.2	635.0	224.6	56.9	-321.8	103.1
Manufacturing	2,524.8	12,604.5	6,671.7	7,273.4	4,415.5	5,979.5	11,158.9	7,607.3	1,962.6	5,185.1
Electricity, gas, steam and air conditioning supply	29.4	217.9	13.1	181.2	61.0	950.7	243.4	160.7	278.1	758.3
Water supply; sewerage, waste management and remediation activities	-2.5	420.3	-17.2	-2.2	29.2	58.5	36.4	44.2	24.3	168.0
Construction	-300.2	125.4	-37.9	-139.1	-49.5	507.8	481.3	419.2	58.2	59.1
Wholesale and retail trade; repair of motor vehicles and motor cycles	4,305.4	1,491.0	647.3	1,856.9	2,546.7	1,820.0	3,832.3	3,137.2	-110.1	1,031.7
Transportation and storage	-336.0	245.0	114.5	464.6	535.4	-394.3	2,187.7	671.3	2,239.3	124.7
Accommodation and food service activities	18.9	29.2	23.0	-47.9	-5.1	-71.3	140.6	89.2	140.4	113.9
Information and communication	204.3	95.7	170.9	192.8	255.4	448.6	112.1	-15.5	192.5	127.6
Financial and insurance activities	6,217.8	8,105.0	4,777.3	1,999.7	4,303.3	3,329.8	6,636.3	5,998.2	5,582.2	1,963.7
Real estate activities	390.8	355.7	358.8	179.7	567.6	924.9	1,084.7	752.9	459.6	427.0
Professional, scientific and technical activities	128.6	198.8	-44.8	73.7	450.1	1,037.6	1,417.0	2,160.1	1,187.3	1,502.7
Administrative and support service activities	69.7	16.4	86.0	130.1	41.2	41.6	87.2	-25.3	220.8	73.1
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Education	0.5	13.0	4.3	2.6	4.9	13.4	13.2	14.4	19.5	5.1
Human health and social work activities	9.8	53.1	22.0	70.2	-252.5	103.3	155.2	2,104.3	9.0	-1.8
Arts, entertainment and recreation	25.8	11.0	-3.3	-3.8	22.7	33.4	121.9	7.5	-8.8	4.4
Other services activities.	961.2	562.2	-687.5	79.5	316.6	113.7	173.5	69.5	-153.4	221.8
Others	328.7	306.4	627.3	86.2	1,655.0	0.0	0.0	2.0	0.1	0.0
Total	14,852.8	24,608.6	13,436.1	12,962.3	15,524.1	15,553.6	28,128.8	23,236.1	11,788.9	11,876.4

Source:
ASEAN Secretariat

Table 7.13. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Republic of Korea by Industry, 2012–2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	18.0	37.0	90.5	100.3	49.9	54.7	27.2	60.9	63.2	17.7
Mining and quarrying	33.7	25.4	58.9	6.1	43.0	-524.4	-550.2	-310.3	181.4	68.7
Manufacturing	501.9	2,420.7	2,917.5	2,702.9	2,847.8	2,079.0	1,943.4	3,871.4	2,291.6	3,114.1
Electricity, gas, steam and air conditioning supply	4.1	166.3	34.3	484.4	175.6	850.6	179.2	96.3	393.9	452.4
Water supply; sewerage, waste management and remediation activities	-0.1	4.2	10.1	15.7	87.2	53.2	23.2	22.2	5.9	7.6
Construction	-93.7	142.2	230.3	-248.8	-462.0	-40.0	296.9	60.2	-38.5	-32.6
Wholesale and retail trade; repair of motor vehicles and motor cycles	952.7	916.0	441.2	826.2	1,615.9	3,048.3	1,513.5	2,271.1	2,082.5	609.0
Transportation and storage	-206.6	-78.4	10.8	-27.3	182.4	68.1	-33.8	251.1	39.6	101.2
Accommodation and food service activities	2.4	34.9	105.8	51.3	34.7	62.7	62.3	39.8	48.2	13.2
Information and communication	25.7	1.1	-5.9	16.5	82.1	-11.8	27.1	56.7	1.5	108.0
Financial and insurance activities	-373.7	207.1	397.7	422.1	1,068.9	-507.3	292.1	690.7	1,286.4	2,006.2
Real estate activities	96.1	102.8	424.1	425.4	322.5	322.1	664.4	436.0	350.0	327.2
Professional, scientific and technical activities	46.1	34.7	15.5	49.6	177.6	142.7	855.4	517.3	719.5	149.7
Administrative and support service activities	0.3	0.2	1.6	8.1	25.5	11.4	20.0	7.2	43.1	14.0
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Education	0.1	9.6	11.6	4.5	9.1	11.2	8.7	6.0	8.3	4.1
Human health and social work activities	13.2	9.0	62.4	2.5	7.8	36.0	11.8	18.4	5.3	0.4
Arts, entertainment and recreation	5.7	4.1	-12.5	0.5	49.4	3.6	98.4	6.7	-0.1	0.3
Other services activities.	165.5	191.6	-141.1	-23.7	68.9	31.2	12.3	33.0	43.0	132.0
Others	87.0	74.1	604.1	792.5	285.9	59.2	77.7	78.2	46.1	27.3
Total	1,278.5	4,302.7	5,257.2	5,608.8	6,672.0	5,750.6	5,529.6	8,212.9	7,571.3	7,120.5

Source:
ASEAN Secretariat

Table 7.14. Foreign Direct Investment (FDI) Inward Flows to ASEAN from USA by Industry, 2012-2021

(in million US\$)

Industry	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, forestry, and fishing	2.6	54.0	-20.9	9.3	6.0	5.6	27.8	8.6	5.8	3.8
Mining and quarrying	675.6	906.9	-833.8	560.7	-902.5	-3,136.0	-4,243.3	712.9	-571.8	-851.3
Manufacturing	-8,661.1	5,432.8	1,664.9	330.8	-884.2	1,028.8	16,848.1	10,499.9	646.1	9,455.7
Electricity, gas, steam and air conditioning supply	-31.4	25.0	8.2	62.3	10.1	76.8	32.9	13.7	49.6	71.4
Water supply; sewerage, waste management and remediation activities	-65.8	0.4	-1.9	0.8	-7.4	2.6	-1.1	2.3	0.9	2.6
Construction	8.7	7.9	25.8	79.5	7.6	91.2	-48.2	86.1	17.3	6.0
Wholesale and retail trade; repair of motor vehicles and motor cycles	12,968.4	3,436.9	12,454.5	1,012.4	874.0	-6,948.2	-20,178.0	-1,977.6	1,861.5	2,786.2
Transportation and storage	341.7	34.3	58.8	150.4	261.5	-77.2	-6.3	277.9	407.2	156.0
Accommodation and food service activities	12.0	110.0	-74.9	63.2	94.3	-14.2	5.9	-579.0	-1.5	25.3
Information and communication	36.4	22.0	54.2	110.4	-604.8	1,282.8	15.4	301.3	2,119.5	1,112.9
Financial and insurance activities	6,574.1	-1,582.5	3,786.1	18,477.7	12,871.8	36,633.7	-24,946.8	2,113.5	19,748.4	28,340.9
Real estate activities	521.2	430.8	355.6	527.3	542.7	973.0	732.6	602.2	535.9	646.1
Professional, scientific and technical activities	2,372.1	-65.3	901.7	444.3	-1,003.5	490.5	5,709.9	25,457.9	3,778.5	-1,874.1
Administrative and support service activities	41.4	25.3	57.0	54.5	32.9	-27.4	47.2	4.3	35.8	31.5
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Education	0.5	0.6	0.7	0.5	0.6	1.1	0.5	254.4	0.3	118.4
Human health and social work activities	2.1	27.8	9.8	17.8	-0.8	0.3	115.2	-2.0	16.8	13.1
Arts, entertainment and recreation	9.8	0.9	-0.3	0.3	2.8	-1.9	3.0	2.9	-3.4	6.4
Other services activities.	140.2	337.8	-179.2	-132.2	152.7	-36.6	69.4	269.4	4.8	71.8
Others	3,963.0	2,252.4	2,875.0	1,142.7	1,095.3	282.8	0.0	0.0	-6.1	126.8
Total	18,911.4	11,457.9	21,141.3	22,912.5	12,549.1	30,627.8	-25,815.6	38,048.6	28,645.6	40,249.4

Source:
ASEAN Secretariat

Chapter 8

TRANSPORT

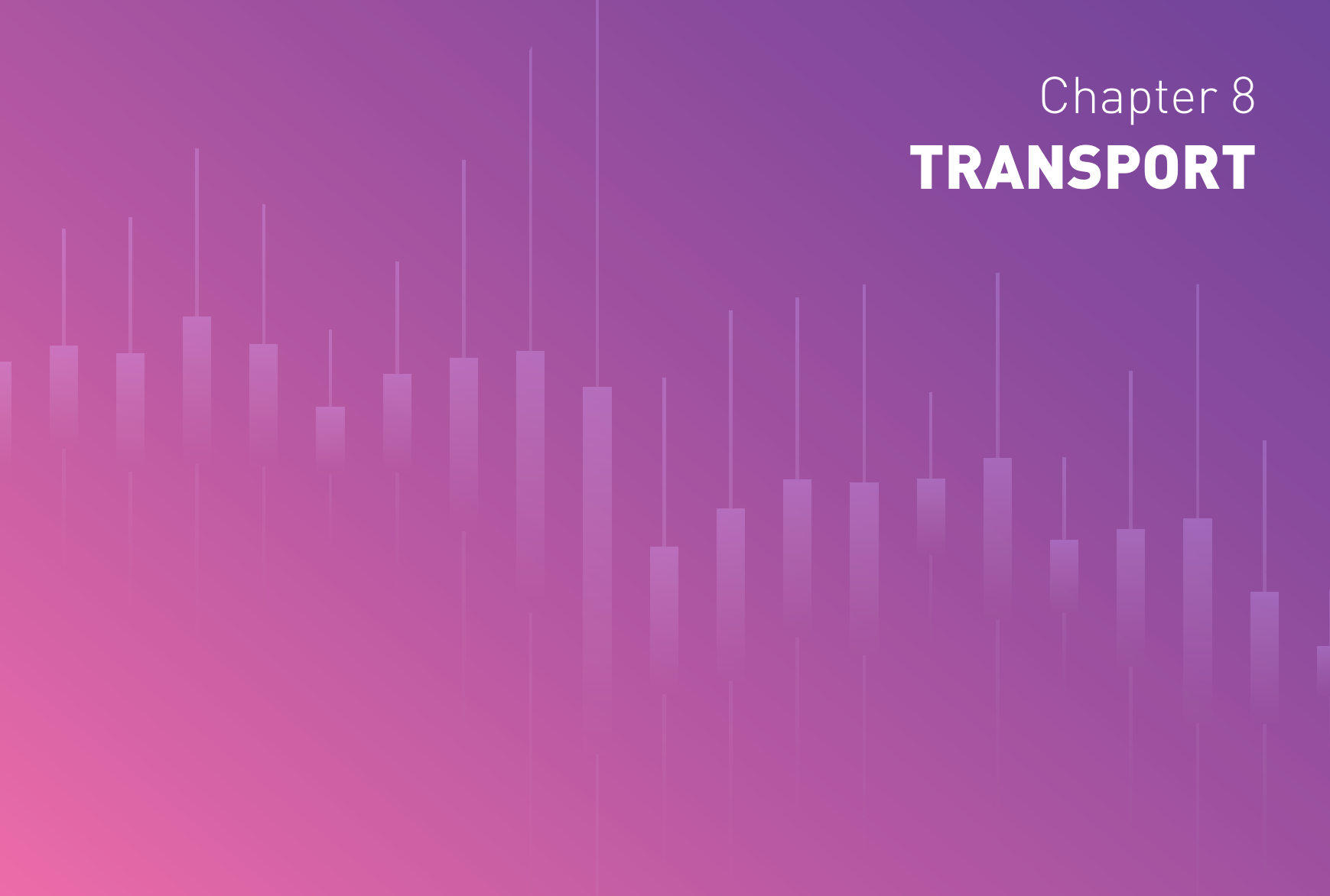


Table 8.1. ASEAN Road Infrastructure, 2012–2021

Road Infrastructure	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Road Length (Kilometer)	2012	2,908.8	51,422.0	504,184.0	43,601.0	182,699.3	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	204,170.1	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	203,791.0	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	216,837.1	147,821.6	32,633.4	3,500.0	454,025.2	360,216.0
	2016	3,049.0	58,946.0	537,837.0	58,885.0	238,789.9	164,028.1	32,770.3	3,512.0	455,652.9	368,779.0
	2017	3,053.0	61,508.4	540,490.0	59,870.0	237,022.4	164,376.8	32,868.1	3,500.0	456,486.8	370,664.0
	2018	3,059.0	62,442.0	540,658.0	60,340.0	250,023.4	162,766.2	32,932.7	3,515.0	701,847.1	630,564.0
	2019	3,714.0	63,432.4	542,069.0	58,255.0	256,493.6	138,272.4	33,018.3	3,520.0	702,210.2	-
	2020	3,772.3	64,883.0	546,655.0	58,286.8	267,012.0	237,288.4	33,119.6	3,525.0	702,723.2	639,993.0
	2021	3,787.9	64,883.0	548,423.0	-	303,016.2	-	33,212.0	3,531.0	702,989.2	-
Length of Paved Network (Kilometer)	2012	2,707.4	5,474.0	283,102.0	6,496.3	143,012.3	32,535.0	25,443.4	3,426.0	160,771.2	216,000.0
	2013	2,742.6	5,619.0	285,252.0	6,888.0	158,005.2	39,076.0	26,773.0	3,453.0	162,230.1	218,000.0
	2014	2,783.1	7,576.0	295,968.0	8,272.0	154,696.7	38,423.1	27,816.0	3,496.0	163,170.4	222,000.0
	2015	2,804.7	6,549.5	317,119.0	8,830.3	164,035.6	37,119.3	28,919.2	3,500.0	276,988.9	229,790.6
	2016	2,857.0	8,800.0	326,629.0	9,044.0	180,193.9	37,662.5	30,010.0	3,512.0	280,116.4	254,340.4
	2017	2,860.0	10,685.3	321,093.0	9,251.0	179,517.6	39,496.5	31,035.3	3,500.0	281,969.9	262,857.3
	2018	2,863.0	11,096.4	329,926.0	11,728.1	189,800.1	53,418.3	31,622.8	3,515.0	408,105.2	-
	2019	3,223.2	12,008.7	325,606.0	12,617.2	192,373.7	40,626.9	32,087.1	3,520.0	408,455.5	-
	2020	3,282.6	12,453.0	319,787.0	13,029.0	198,404.3	14,460.0	32,527.0	3,525.0	409,008.9	-
	2021	3,298.4	12,453.0	-	-	227,941.1	-	32,767.0	3,531.0	409,298.2	-

Source:
ASEAN Secretariat

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

Table 8.2. ASEAN Road Fleet, 2012-2021

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total number of Registered Road Motor Vehicles (Thousand)	2012	238.0	271.2	94,373.0	1,288.3	22,702.2	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	23,819.3	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	140,785.0	2,105.0	29,956.5	7,215.5	11,595.0	957.0	39,551.8	3,274.4
	2019	439.5	646.0	126,416.0	2,233.7	31,214.8	7,334.0	12,725.0	973.1	40,712.0	3,673.1
	2020	452.6	456.0	131,083.0	2,437.8	32,378.2	7,610.8	11,851.2	974.0	41,471.3	4,180.5
	2021	-	-	145,947.0	-	33,570.2	-	5,772.0	988.0	42,314.0	-
Number of Public Buses (Thousand)	2012	0.11	-	21.72	0.03	-	23.00	27.00	4.21	88.90	78.50
	2013	0.11	-	22.88	0.04	-	24.00	24.00	5.00	87.51	-
	2014	0.12	-	22.54	0.05	-	83.10	17.00	5.00	86.44	-
	2015	0.12	-	23.46	0.06	-	29.20	18.00	5.00	85.76	-
	2016	0.12	-	22.74	0.07	-	33.00	17.00	5.00	83.80	-
	2017	0.14	-	16.24	0.07	-	33.00	19.00	5.00	78.89	-
	2018	0.00	2.84	16.35	0.07	-	33.00	19.00	6.00	75.84	-
	2019	0.04	0.24	12.37	0.07	5.82	141.60	19.00	6.00	72.89	-
	2020	0.01	0.24	13.20	0.07	5.42	29.00	17.70	6.00	68.76	-
	2021	-	0.24	13.51	-	4.77	-	7.00	6.00	64.65	-
Total Vehicles per 1,000 Population	2012	595.3	18.4	384.5	197.8	769.3	71.3	77.3	182.6	488.4	17.82
	2013	642.5	19.2	417.6	216.6	788.4	78.5	78.3	180.4	518.7	18.51
	2014	713.8	23.1	449.5	231.6	817.4	94.4	80.9	177.7	534.8	20.14
	2015	948.1	26.2	472.6	257.4	843.4	102.7	85.7	172.9	546.3	22.85
	2016	935.6	34.0	495.4	272.6	872.9	115.8	89.6	170.6	553.5	26.98
	2017	970.8	28.1	499.6	286.6	897.4	127.4	99.2	171.4	566.3	30.78
	2018	962.9	36.3	533.0	300.2	925.1	134.6	108.8	169.7	583.1	34.33
	2019	956.5	39.7	473.6	313.6	958.1	135.6	117.5	170.6	598.8	38.1
	2020	997.8	27.9	485.1	337.1	993.7	138.8	109.0	171.3	608.7	42.8
	2021	-	-	536.1	-	1,030.5	-	52.4	181.2	648.9	-

Table 8.2. ASEAN Road Fleet, 2012-2021 (Continued)

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Public Buses per 1,000 Population	2012	0.28	-	0.09	0.00	-	0.45	0.28	0.79	1.34	0.88
	2013	0.27	-	0.09	0.01	-	0.47	0.24	0.93	1.31	-
	2014	0.29	-	0.09	0.01	-	1.60	0.17	0.91	1.29	-
	2015	0.28	-	0.09	0.01	-	0.56	0.18	0.90	1.28	-
	2016	0.29	-	0.09	0.01	-	0.62	0.16	0.89	1.24	-
	2017	0.33	-	0.06	0.01	-	0.62	0.18	0.89	1.17	-
	2018	-	0.18	0.06	0.01	-	0.62	0.18	1.06	1.12	-
	2019	0.09	0.01	0.05	0.01	0.18	2.62	0.18	1.05	1.07	-
	2020	0.02	0.01	0.05	0.01	0.17	0.53	0.16	1.06	1.01	-
	2021	-	0.01	0.05	-	0.15	-	0.06	1.10	0.99	-

Source:
ASEAN Secretariat

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

Table 8.3. ASEAN Railways, 2012-2021

Railways, Passenger and Freight	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Railway Route Length (Kilometer)	2012	n.a.	652.0	4,861,000.0	3.5	1,703.2	5,844.0	127.0	n.a.	4,128.0	2,600.0
	2013	n.a.	652.0	5,107,000.0	3.5	1,703.2	5,959.0	130.0	n.a.	4,128.0	3,143.0
	2014	n.a.	652.0	5,196,000.0	3.5	1,705.4	6,110.5	143.0	n.a.	4,128.0	3,143.0
	2015	n.a.	652.0	5,286,000.0	3.5	1,705.4	6,110.5	143.0	n.a.	4,151.0	3,147.0
	2016	n.a.	652.0	5,381,000.0	3.5	1,705.4	6,076.7	143.0	n.a.	4,153.8	3,160.0
	2017	n.a.	652.0	5,569,000.0	3.5	1,799.4	6,112.3	143.0	n.a.	4,632.7	3,160.0
	2018	n.a.	652.0	5,940,000.0	3.5	1,799.4	6,112.3	143.0	n.a.	4,644.7	3,162.9
	2019	n.a.	652.0	6,222,000.0	3.5	1,799.4	6,112.3	148.0	n.a.	4,952.3	3,143.0
	2020	n.a.	652.0	6,326,000.0	3.5	1,799.4	6,112.3	148.0	n.a.	4,997.9	2,646.1
2021	n.a.	652.0	6,466,000.0	-	1,799.4	-	152.0	n.a.	5,012.9	-	
Rail Passenger Carried (Thousand)	2012	n.a.	n.a.	202,881.0	340.0	197,266.8	54,773.0	430,250.8	n.a.	330,643.5	12,200.0
	2013	n.a.	n.a.	220,414.1	320.0	218,995.8	53,723.0	438,788.4	n.a.	347,919.6	12,100.0
	2014	n.a.	n.a.	277,683.0	380.0	229,655.8	49,491.0	435,591.6	n.a.	365,277.0	12,000.0
	2015	n.a.	n.a.	327,824.0	380.0	233,754.3	42,706.0	340,599.6	n.a.	379,311.9	11,200.0
	2016	n.a.	14.0	352,561.0	308.0	216,916.1	42,602.0	370,779.1	n.a.	395,032.2	9,800.0
	2017	n.a.	39.1	392,363.0	320.0	235,472.7	46,937.0	375,705.0	n.a.	418,127.1	9,500.0
	2018	n.a.	0.6	422,332.0	320.0	260,377.7	43,611.0	348,217.6	n.a.	432,113.2	8,500.0
	2019	n.a.	62.5	453,486.0	302.0	283,290.2	34,167.0	327,812.2	n.a.	438,552.5	8,000.0
	2020	n.a.	25.0	199,255.1	2.3	137,396.1	11,656.0	100,336.7	n.a.	297,013.4	3,700.0
2021	n.a.	3.6	162,000.0	-	78,749.8	-	105,672.4	n.a.	154,785.5	-	
Passenger-Kilometer (Million passenger-kilometer)	2012	n.a.	0.00	15.28	0.93	1,216.10	3,921.20	35,448.63	n.a.	9,665.57	4,600.60
	2013	n.a.	0.00	17.59	0.85	1,080.90	3,609.23	36,071.88	n.a.	9,133.46	4,416.60
	2014	n.a.	0.00	15.23	1.22	618.00	3,418.12	35,809.30	n.a.	9,010.60	4,481.90
	2015	n.a.	0.00	22.10	0.91	428.00	3,164.02	28,024.22	n.a.	8,855.91	4,149.60
	2016	n.a.	0.00	21.60	0.11	272.00	3,111.93	30,484.55	n.a.	8,932.58	3,421.60
	2017	n.a.	0.00	16.16	0.72	179.63	3,200.38	31,163.70	n.a.	9,481.56	3,625.10
	2018	n.a.	0.00	16.93	0.11	178.00	3,073.02	55,820.59	n.a.	9,069.52	3,511.70
	2019	n.a.	0.00	28.00	0.11	183.00	2,935.34	33,632.01	n.a.	9,080.14	3,154.70
	2020	n.a.	0.00	10.60	0.01	72.00	639.55	30,160.16	n.a.	5,875.50	1,509.20
2021	n.a.	0.00	9.00	-	-	-	53,356.90	n.a.	2,986.13	-	

Table 8.3. ASEAN Railways, 2012-2021 (Continued)

Railways, Passenger and Freight	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Freight-Kilometer (Million ton kilometer)	2012	n.a.	0.0	7.3	-	1,564.0	1,041.1	n.a.	n.a.	2,342.0	4,023.4
	2013	n.a.	0.0	8.2	-	1,760.0	840.8	n.a.	n.a.	2,566.4	3,804.1
	2014	n.a.	0.0	9.5	-	1,741.0	808.1	n.a.	n.a.	2,294.9	4,311.5
	2015	n.a.	0.0	10.2	-	1,474.0	771.6	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	3,198.2
	2017	n.a.	0.0	13.4	-	1,233.6	679.7	n.a.	n.a.	2,846.1	3,616.7
	2018	n.a.	0.0	15.1	-	1,314.7	728.7	n.a.	n.a.	2,769.1	4,025.4
	2019	n.a.	0.0	4.5	-	1,142.0	753.0	n.a.	n.a.	2,623.6	3,763.0
	2020	n.a.	0.0	11.5	-	818.0	787.8	n.a.	n.a.	2,813.8	3,819.0
	2021	n.a.	0.0	11.8	-	1,002.0	-	n.a.	n.a.	2,673.0	-

Source:
ASEAN Secretariat

Note:
'-': not available at the time of publication
n.a. not applicable

Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2012-2021

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Domestic Ports	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	1,714	n.a.	13	9	597	n.a.	382	n.a.
	2019	2	5	1,950	n.a.	13	9	623	n.a.	404	n.a.
	2020	1	-	2,625	n.a.	13	9	615	n.a.	454	n.a.
2021	-	-	608	n.a.	13	-	906	n.a.	455	n.a.	
Domestic Sea Passenger Traffic (Thousand person)	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.	5,165.7	1.4	98,278.2	n.a.	32,954.1	-
	2019	n.a.	-	-	n.a.	3,483.0	0.3	106,495.7	n.a.	39,288.4	7,233.0
	2020	n.a.	-	-	n.a.	3,069.4	n.a.	31,123.2	n.a.	11,964.0	-
2021	n.a.	-	4,086.8	n.a.	2,673.9	-	28,077.0	n.a.	9,144.0	-	
Domestic Sea Cargo Throughput (Thousand ton)	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	238,540.0
	2018	-	-	1,386,610.0	n.a.	-	4,535.0	146,903.0	n.a.	61,797.7	277,450.0
	2019	-	-	1,428,670.0	n.a.	-	3,983.0	152,703.5	n.a.	61,772.3	298,080.0
	2020	-	-	1,665,867.0	n.a.	-	146.5	132,876.6	n.a.	54,023.0	287,750.0
2021	-	-	-	n.a.	-	-	143,837.5	n.a.	65,447.0	-	

Source:
ASEAN Secretariat

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

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2012-2021

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of International Ports	2012	1	3	141	n.a.	15	9	171	1	7	240
	2013	1	3	136	n.a.	15	9	171	1	7	-
	2014	1	3	136	n.a.	15	9	171	1	7	-
	2015	1	3	-	n.a.	15	9	179	1	7	-
	2016	1	3	128	n.a.	15	9	191	1	7	160
	2017	1	3	85	n.a.	15	9	190	1	7	163
	2018	1	3	144	n.a.	15	1	205	1	7	-
	2019	1	2	144	n.a.	15	1	396	1	7	-
	2020	1	2	-	n.a.	15	1	213	1	7	-
	2021	1	2	28	n.a.	15	-	305	1	7	-
International Sea Passenger Traffic (Thousand person)	2012	230.0	20.0	1,933.0	n.a.	2,423.2	6.3	51.0	-	612.4	n.a.
	2013	222.0	16.0	1,757.0	n.a.	2,750.5	6.7	35.0	-	495.2	n.a.
	2014	203.0	22.0	1,909.0	n.a.	1,060.4	18.5	44.0	-	515.2	n.a.
	2015	208.0	44.0	-	n.a.	1,964.7	34.3	92.0	-	450.6	n.a.
	2016	197.0	50.0	-	n.a.	1,714.7	22.0	101.0	-	476.0	n.a.
	2017	186.0	26.0	1,490.0	n.a.	2,100.2	5.9	145.0	-	494.1	n.a.
	2018	210.0	41.0	1,831.9	n.a.	2,100.8	8.5	482.0	-	644.0	n.a.
	2019	-	48.0	1,985.0	n.a.	2,310.2	10.7	216.8	-	787.4	n.a.
	2020	-	18.0	-	n.a.	618.2	0.5	29.0	-	98.2	n.a.
	2021	-	-	-	n.a.	100.0	-	-	-	-	n.a.
International Sea Cargo Throughput (Thousand ton)	2012	1,212.0	2,659.8	597,665.0	n.a.	500,578.0	24,584.0	117,899.0	538,012.1	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	560,887.7	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	575,845.8	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	593,296.7	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	627,688.1	215,869.0	273,630.0
	2018	1,350.0	5,328.0	799,801.0	n.a.	570,701.0	34,745.0	169,966.0	630,125.3	231,884.2	318,080.0
	2019	1,569.6	6,447.0	774,498.0	n.a.	595,478.0	34,301.0	162,003.1	626,521.2	238,019.3	364,080.0
	2020	-	6,602.0	778,459.0	n.a.	564,329.0	10,952.0	164,403.7	590,738.0	239,829.0	433,060.0
	2021	-	6,382.0	-	n.a.	591,489.0	-	180,203.4	599,643.0	243,518.0	-

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2012-2021 (Continued)

Maritime Ports and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Sea Container Throughput (Thousand TEU ¹⁾)	2012	116.0	255.0	602.0	n.a.	20,556.7	408.0	3,147.0	31,649.4	7,324.7	6,519.0
	2013	112.0	286.0	710.0	n.a.	20,876.3	478.0	3,181.0	32,578.7	7,548.1	-
	2014	106.0	333.0	785.0	n.a.	22,373.3	617.2	3,353.0	33,869.0	8,120.7	-
	2015	103.0	391.0	-	n.a.	23,876.3	745.2	3,482.0	30,922.0	8,364.9	9,123.0
	2016	98.0	400.0	-	n.a.	24,847.8	1,026.0	3,883.0	30,904.0	8,728.3	10,320.0
	2017	104.0	459.8	503.0	n.a.	23,783.9	1,048.0	4,173.0	33,667.0	9,283.4	11,247.1
	2018	113.0	541.0	-	n.a.	24,941.4	1,110.0	4,871.0	36,599.0	9,564.7	12,385.7
	2019	-	621.0	-	n.a.	26,420.0	1,128.0	5,147.2	37,195.6	9,448.4	13,250.0
	2020	-	1,693.0	-	n.a.	26,678.0	1,095.0	4,455.5	36,871.0	8,941.0	14,653.3
	2021	-	-	-	n.a.	28,419.0	-	4,940.2	37,468.0	9,904.0	-

Source:
ASEAN Secretariat

Notes:

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
 '-' not available at the time of publication
 n.a. not applicable

Table 8.6. ASEAN Domestic Civil Aviation, 2012-2021

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Domestic Airports	2012	n.a.	5	216	9	22	30	75	n.a.	28	12
	2013	n.a.	5	208	9	35	30	74	n.a.	28	12
	2014	n.a.	5	208	9	35	30	74	n.a.	28	13
	2015	n.a.	5	208	9	35	30	75	n.a.	29	13
	2016	n.a.	5	238	9	35	31	75	n.a.	29	13
	2017	n.a.	5	236	9	35	31	75	n.a.	31	13
	2018	n.a.	5	234	9	35	31	75	n.a.	31	13
	2019	n.a.	5	263	9	35	31	76	n.a.	31	13
	2020	n.a.	5	263	9	35	32	81	n.a.	31	13
	2021	n.a.	5	263	9	35	-	79	n.a.	31	13
Domestic Air Passenger Traffic (Thousand person)	2012	n.a.	172.0	71,421.5	463.0	35,634.0	1,602.1	43,188.3	n.a.	36,330.8	12,159.0
	2013	n.a.	214.0	75,770.0	447.4	42,983.8	1,774.6	41,322.3	n.a.	42,585.9	14,300.0
	2014	n.a.	299.0	76,498.0	512.2	45,103.8	1,965.5	41,777.4	n.a.	50,256.1	17,523.7
	2015	n.a.	436.0	76,630.0	494.9	45,931.0	2,097.3	44,183.6	n.a.	62,623.7	22,475.6
	2016	n.a.	423.0	83,308.0	506.0	47,965.8	2,352.5	48,099.8	n.a.	70,662.9	28,517.7
	2017	n.a.	572.0	96,890.0	810.0	49,739.6	2,892.6	51,527.7	n.a.	75,881.0	31,875.7
	2018	n.a.	636.0	101,961.0	1,010.0	50,186.2	2,823.0	41,701.3	n.a.	79,194.4	33,399.9
	2019	n.a.	699.0	79,466.0	1,155.7	55,522.4	2,981.0	59,281.1	n.a.	72,238.8	37,382.1
	2020	n.a.	257.0	35,435.0	678.8	17,239.4	1,323.3	14,587.2	n.a.	41,996.7	29,056.0
	2021	n.a.	13.0	32,984.0	-	9,723.2	-	11,862.7	n.a.	19,334.5	-
Domestic Air Cargo Traffic (Thousand ton)	2012	n.a.	0.0	572.0	0.5	167.3	1.3	417.0	n.a.	130.5	118.0
	2013	n.a.	6.0	539.0	1.6	168.4	2.4	821.4	n.a.	119.8	129.5
	2014	n.a.	183.0	584.0	1.5	181.5	4.0	406.6	n.a.	113.5	154.0
	2015	n.a.	252.0	564.0	1.1	193.0	1.7	1,142.5	n.a.	114.7	172.2
	2016	n.a.	153.0	604.0	0.7	188.9	1.4	571.4	n.a.	120.4	201.2
	2017	n.a.	76.0	587.0	1.1	189.3	1.9	530.2	n.a.	112.5	230.5
	2018	n.a.	0.4	651.0	1.4	197.4	1.4	632.0	n.a.	97.5	264.8
	2019	n.a.	0.0	577.0	1.8	189.4	1.8	2,622.9	n.a.	73.8	256.8
	2020	n.a.	0.0	430.0	1.0	192.5	1.2	336.0	n.a.	32.2	183.8
	2021	n.a.	0.0	413.0	-	271.0	-	333.0	n.a.	20.5	-

Table 8.6. ASEAN Domestic Civil Aviation, 2012-2021 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Aircraft Traffic (Thousand)	2012	n.a.	6.3	614.7	12.1	417.3	45.9	688.9	n.a.	318.4	105.3
	2013	n.a.	8.7	638.0	11.9	501.7	50.0	595.7	n.a.	368.5	-
	2014	n.a.	9.9	636.4	14.2	543.7	56.3	618.2	n.a.	433.4	-
	2015	n.a.	12.7	659.1	10.9	558.2	63.0	651.3	n.a.	505.5	-
	2016	n.a.	12.0	764.0	11.9	551.5	61.6	744.2	n.a.	546.5	-
	2017	n.a.	16.8	829.6	20.4	557.5	62.0	831.1	n.a.	569.8	-
	2018	n.a.	16.9	875.0	24.6	558.7	53.6	520.7	n.a.	586.0	-
	2019	n.a.	13.9	729.4	23.8	591.1	53.2	512.6	n.a.	524.6	-
	2020	n.a.	5.7	402.5	16.5	268.5	32.2	166.4	n.a.	366.5	-
	2021	n.a.	0.9	430.4	-	186.5	-	160.2	n.a.	186.6	-

Source:
ASEAN Secretariat

Note:
'-': not available at the time of publication
n.a. not applicable

Table 8.7. ASEAN International Civil Aviation, 2012-2021

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of International Airports	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	30	4	6	3	11	2	7	9
	2019	1	3	34	4	6	3	11	2	7	9
	2020	1	3	34	4	6	3	8	2	7	9
	2021	1	3	34	4	6	3	8	2	7	9
International Air Passenger Traffic (Thousand person)	2012	1,681.0	3,997.0	9,938.3	642.0	32,396.9	2,034.7	17,432.7	49,910.0	46,920.5	13,208.0
	2013	1,715.0	4,606.0	10,964.0	728.7	38,032.4	2,651.8	18,582.3	52,775.0	54,448.9	14,867.6
	2014	1,647.0	5,169.0	23,103.0	921.2	39,984.2	3,187.2	19,402.8	53,288.0	49,531.4	15,660.5
	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	60,593.7	18,066.1
	2016	1,726.0	6,201.0	27,396.0	944.0	43,490.7	4,027.0	23,796.9	58,158.0	67,247.4	23,733.7
	2017	1,726.0	7,666.0	31,953.0	1,620.0	49,783.3	4,377.7	26,812.5	61,574.0	75,207.9	30,314.7
	2018	1,774.0	9,376.0	36,326.0	2,306.0	52,246.8	4,465.8	28,914.7	64,889.0	83,157.9	36,582.1
	2019	2,186.0	10,326.0	37,278.0	2,312.7	53,840.7	5,538.7	29,363.0	67,601.0	81,427.6	41,767.6
	2020	423.0	1,913.0	7,198.0	461.0	9,546.5	1,150.7	7,118.7	11,634.0	16,254.8	7,232.7
	2021	-	210.0	1,423.0	-	1,295.7	-	2,590.7	3,053.0	1,591.8	-
International Air Cargo Loaded (Thousand ton)	2012	3.0	12.3	90.7	1.0	361.0	7.2	169.6	853.0	719.5	264.4
	2013	1.0	16.7	192.0	0.1	355.5	8.3	158.1	842.0	664.1	469.9
	2014	1.0	17.0	206.0	0.6	392.0	9.5	210.8	839.0	701.4	313.4
	2015	1.0	18.0	195.0	0.2	374.0	8.4	185.7	837.8	710.0	321.7
	2016	1.0	24.2	188.0	2.4	331.4	13.2	178.2	885.0	744.0	337.7
	2017	1.0	37.0	224.0	1.4	367.1	25.2	223.4	969.0	819.2	421.9
	2018	1.0	30.4	249.0	2.6	361.1	25.0	234.2	990.0	858.0	485.6
	2019	1.1	43.0	257.0	1.3	347.7	25.7	523.6	930.4	765.1	-
	2020	0.5	33.0	164.0	2.1	282.3	18.4	176.0	720.0	524.0	-
	2021	-	44.0	347.0	-	361.1	-	43.8	935.0	658.5	-

Table 8.7. ASEAN International Civil Aviation, 2012-2021 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Air Cargo Unloaded (Thousand ton)	2012	7.00	15.40	193.56	0.95	352.00	7.99	688.88	976.00	587.59	191.80
	2013	8.00	14.80	208.00	0.04	373.30	10.66	595.69	996.00	549.69	-
	2014	6.00	15.70	187.00	0.65	413.91	14.98	618.15	1,005.00	523.85	-
	2015	8.00	19.00	195.00	0.38	393.00	17.93	651.33	1,015.30	524.46	-
	2016	7.00	22.10	205.00	1.39	353.13	21.41	744.20	1,084.00	585.11	-
	2017	7.00	27.20	224.00	0.44	391.84	29.74	831.07	1,156.00	658.43	-
	2018	7.00	42.80	207.00	2.30	407.35	29.61	520.65	1,165.00	687.18	-
	2019	0.80	33.00	218.00	2.23	405.56	30.09	568.04	1,083.74	604.11	-
	2020	4.31	22.00	153.00	2.22	314.28	1.48	190.86	825.00	398.20	-
	2021	-	27.00	337.00	-	375.96	-	233.91	1,011.00	482.91	-
International Aircraft Traffic (Thousand)	2012	22.7	40.4	69.9	10.9	241.6	18.4	100.7	324.7	293.3	93.3
	2013	25.5	47.4	83.0	11.6	274.2	25.3	112.5	343.8	343.1	-
	2014	24.7	51.0	163.0	16.6	290.8	30.0	116.7	341.4	331.0	-
	2015	25.6	52.9	174.2	14.9	299.0	30.8	129.3	346.3	384.6	-
	2016	24.2	57.0	174.6	16.7	302.6	36.9	134.5	360.5	422.3	-
	2017	24.2	67.9	199.5	18.5	337.1	41.7	148.2	373.2	446.0	-
	2018	20.4	82.3	229.3	24.6	357.3	40.6	155.3	386.0	500.5	-
	2019	17.9	90.9	226.8	24.2	360.6	47.0	180.5	363.0	508.4	-
	2020	10.0	23.5	61.0	5.8	101.7	13.7	58.8	125.4	133.9	-
	2021	-	8.9	27.9	-	57.7	-	42.0	108.9	71.5	-

Source:
ASEAN Secretariat

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

Chart 8.1. Number of Vehicles per 1000 Population in ASEAN, 2012-2021

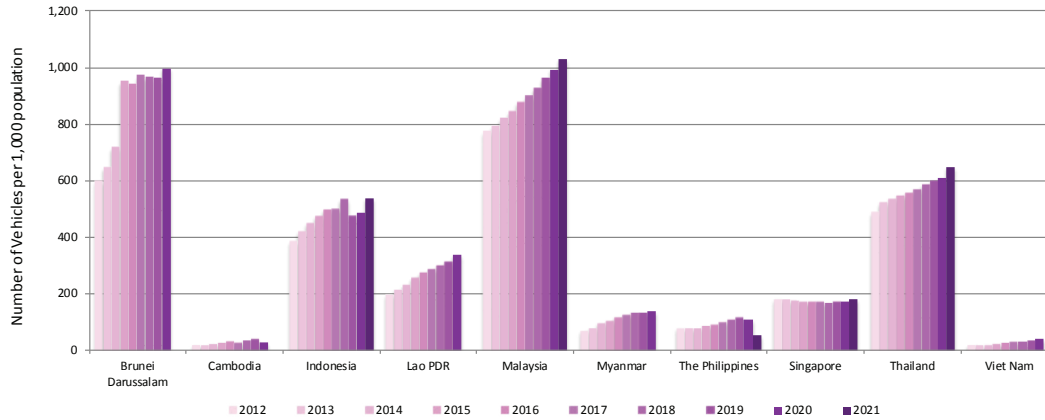
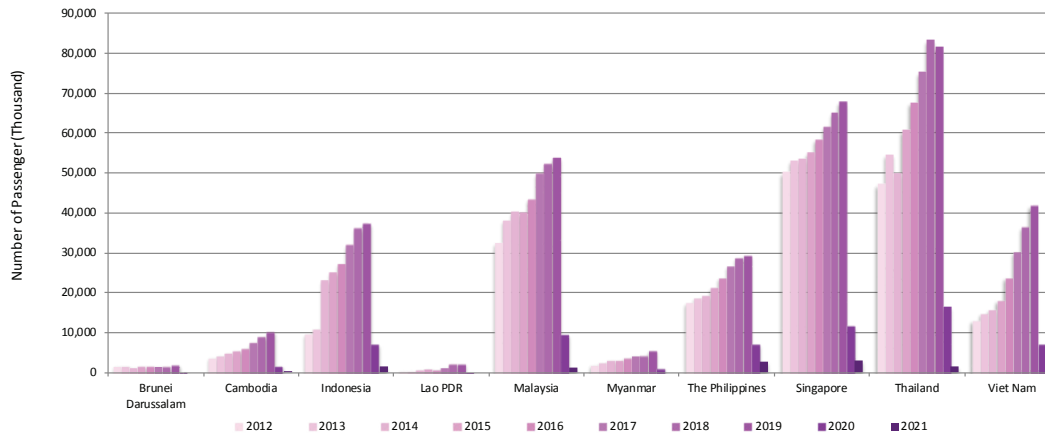


Chart 8.2. International Air Passenger Traffic in ASEAN, 2012-2021



Source: ASEAN Secretariat

Chapter 9

TOURISM



Table 9.1. Visitor Arrivals in ASEAN by Country of Destination, 2012–2021

(in thousands)

Country of Destination	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam ¹⁾	209.1	3,279.2	3,885.5	218.2	218.8	259.0	278.1	333.2	62.3	3.5
Cambodia	3,584.3	4,210.2	4,502.8	4,775.2	5,011.7	5,602.2	6,201.1	6,610.6	1,306.1	196.5
Indonesia	8,044.5	8,802.1	9,435.4	10,406.8	11,519.3	14,039.8	15,810.3	16,107.0	4,052.9	1,557.5
Lao PDR	3,330.1	3,779.5	4,158.7	4,684.4	4,239.0	3,868.8	4,186.4	4,791.1	886.4	-
Malaysia	25,032.7	25,715.5	27,437.3	25,721.3	26,757.4	25,948.5	25,832.4	26,100.8	4,332.7	134.7
Myanmar	1,059.0	2,044.3	3,081.4	4,681.0	2,907.2	3,443.1	3,549.4	4,364.1	903.3	130.9
Philippines	4,272.8	4,681.3	4,833.4	5,360.7	5,967.0	6,620.9	7,127.7	8,260.9	1,482.5	163.9
Singapore	14,491.2	15,567.9	15,095.2	15,231.5	16,403.6	17,424.6	18,508.3	19,113.8	2,742.4	330.0
Thailand	22,353.9	26,546.7	24,779.8	29,881.1	32,529.6	35,592.0	38,178.2	39,916.3	6,702.4	427.9
Viet Nam	6,847.7	7,572.4	7,874.3	7,943.7	10,012.7	12,922.2	15,497.8	18,008.6	3,686.8	3.5
ASEAN	89,225.2	102,199.1	105,083.8	108,903.8	115,566.4	125,721.0	135,169.7	143,606.3	26,158.1	2,948.5

Source:
ASEAN Secretariat

Note:
1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
‘-’ not available at the time of publication

Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2012-2021

(in thousands)

Country of Destination	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam ¹⁾	115.9	3,053.5	3,662.2	118.7	117.5	131.4	134.6	168.7	32.6	1.3
Cambodia	1,514.3	1,831.5	1,991.9	2,097.8	2,121.2	2,161.3	2,067.5	2,228.2	496.5	118.6
Indonesia	2,607.7	3,516.1	3,683.8	3,860.7	3,817.5	4,524.6	5,453.3	6,157.2	1,521.4	528.2
Lao PDR	2,712.5	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8	3,198.8	555.5	-
Malaysia	18,809.7	19,105.9	20,372.8	19,146.5	20,271.1	19,478.6	18,114.4	17,880.2	2,949.4	91.7
Myanmar	151.1	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3	2,123.3	493.6	109.1
Philippines	375.2	422.1	461.5	481.6	461.7	488.3	530.3	526.8	83.3	7.8
Singapore	5,732.7	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0	6,623.9	896.8	89.1
Thailand	6,462.6	7,410.4	6,620.2	7,886.1	8,897.3	9,322.5	10,191.4	10,752.0	1,652.6	32.8
Viet Nam	1,363.8	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3	2,037.3	509.3	-
ASEAN	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	978.6

Source:
ASEAN Secretariat

Note:

1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014

'-' not available at the time of publication

Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2012-2021

(in thousands)

Country of Destination	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam ¹⁾	93.2	225.6	223.4	99.5	101.3	127.6	143.5	164.5	29.8	2.2
Cambodia	2,070.0	2,378.7	2,510.9	2,677.5	2,890.5	3,440.9	4,133.6	4,382.4	809.7	77.9
Indonesia	5,436.8	5,286.1	5,751.6	6,546.1	7,701.8	9,515.2	10,357.0	9,949.8	2,531.5	1,029.3
Lao PDR	617.6	738.3	934.6	1,095.9	1,155.7	1,121.7	1,299.6	1,592.2	330.9	-
Malaysia	6,223.0	6,609.6	7,064.5	6,574.7	6,486.2	6,469.9	7,717.9	8,220.6	1,383.4	43.1
Myanmar	907.9	1,825.6	1,483.2	2,918.1	2,504.3	1,712.7	1,631.2	2,240.8	409.8	21.9
Philippines	3,897.6	4,259.2	4,371.9	4,879.1	5,505.3	6,132.6	6,597.4	7,734.1	1,399.2	156.1
Singapore	8,758.5	9,453.2	8,982.1	9,483.3	10,467.2	11,199.5	11,987.3	12,489.9	1,845.7	240.9
Thailand	15,891.3	19,136.3	18,159.5	21,995.0	23,632.3	26,269.5	27,986.8	29,164.3	5,049.8	395.0
Viet Nam	5,483.9	6,132.1	6,379.2	6,642.8	8,551.6	11,238.6	13,716.5	15,971.3	3,177.5	-
ASEAN	49,379.8	56,044.6	55,860.8	62,912.0	68,996.2	77,228.1	85,570.7	91,910.0	16,967.1	1,969.9

Source:
ASEAN Secretariat

Note:

1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014

'-' not available at the time of publication

Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2012–2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	1,350.5	1,367.9	1,338.0	1,250.5	1,512.4	1,786.7	1,508.3	1,333.7	149.8	2.3
Cambodia	830.7	910.3	1,104.6	874.7	979.0	1,215.3	1,378.8	1,292.2	312.7	5.5
Indonesia	5,811.9	6,618.1	6,779.2	6,446.6	6,690.7	6,800.0	7,912.9	8,406.6	1,480.5	67.9
Lao PDR	1,425.4	1,559.9	1,569.3	1,791.4	1,953.7	2,384.8	2,253.9	2,352.7	459.0	1.5
Malaysia	5,550.1	9,012.1	9,246.2	6,827.8	7,021.2	7,714.3	8,797.5	9,578.5	1,949.7	516.6
Myanmar	317.5	377.5	433.4	491.6	595.9	669.4	670.4	688.6	110.7	21.7
Philippines	1,789.3	2,172.4	2,273.3	2,051.0	2,001.1	2,080.8	2,118.3	2,361.9	349.4	29.1
Singapore	15,730.7	16,390.6	17,074.5	16,047.1	16,528.8	15,639.4	14,079.3	13,795.4	2,048.1	43.2
Thailand	4,333.9	4,552.4	6,013.4	6,520.8	5,424.3	6,580.0	7,031.0	7,677.7	1,634.0	258.3
Viet Nam	2,705.4	3,193.2	3,391.0	3,690.2	3,655.3	3,622.2	3,848.6	4,094.4	681.8	31.9
Unspecified	0.0	0.0	0.0	0.0	207.7	0.0	0.0	114.5	15.2	0.7
TOTAL	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	978.6

Source:
ASEAN Secretariat

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

Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	39,845.5	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	978.6
Extra-ASEAN	49,379.8	56,044.6	55,860.8	62,912.0	68,996.2	77,228.1	85,570.7	91,910.0	16,967.1	1,969.9
ASIA (Other than ASEAN)	26,333.2	31,648.4	31,877.9	39,344.5	41,002.8	50,416.7	57,388.1	62,969.6	9,961.4	1,339.1
China	9,283.2	12,651.2	13,059.5	18,596.3	20,339.3	25,285.2	29,116.9	32,282.6	4,004.2	233.5
Hongkong	1,299.0	1,501.7	1,376.9	1,514.7	1,498.7	1,560.0	1,782.3	1,761.6	207.0	9.9
India	2,839.6	2,945.7	3,071.0	3,307.9	2,787.1	4,153.2	4,672.1	5,319.5	775.2	81.1
Japan	4,275.3	4,724.3	4,634.2	4,703.0	4,781.8	5,027.8	5,228.6	5,655.5	1,030.4	42.7
Korea, Republic of	4,011.4	4,873.5	5,018.4	5,838.5	6,464.7	7,861.6	9,031.4	10,463.9	1,820.5	45.4
Taiwan, Province of China	1,846.0	2,060.7	1,920.4	2,099.0	2,354.5	2,582.4	2,833.0	3,244.8	549.9	12.7
Other Asia	2,778.7	2,891.3	2,797.6	3,285.1	2,776.8	3,946.5	4,723.7	4,241.7	1,574.2	913.8
EUROPE	11,088.4	12,712.7	13,162.4	12,801.6	13,865.0	15,224.4	15,811.2	16,081.9	4,465.7	374.3
France	1,462.1	1,691.9	1,660.5	1,709.8	1,814.2	1,904.4	1,990.4	2,012.3	523.3	37.8
Germany	1,490.5	1,461.4	1,694.2	1,783.9	1,974.3	2,039.3	2,105.0	2,122.5	532.8	58.7
Italy	384.3	468.8	520.0	555.3	587.2	634.8	686.5	698.7	148.5	10.8
Netherlands	618.7	648.6	686.0	693.2	733.1	754.5	787.9	808.9	176.4	25.2
United Kingdom	2,313.8	2,487.4	2,639.5	2,733.9	2,891.2	2,975.6	3,065.9	3,112.2	679.1	61.5
Other Europe	4,819.0	5,954.5	5,962.2	5,325.6	5,864.9	6,915.8	7,175.4	7,327.3	2,405.5	180.4
AMERICAS	3,871.9	4,199.9	4,339.1	4,587.9	5,067.5	5,705.3	6,080.6	6,432.4	1,343.0	144.4
Canada	709.0	768.7	800.4	833.9	875.6	964.7	1,049.8	1,087.4	245.4	17.5
USA	2,984.2	3,178.3	3,254.3	3,382.3	3,787.9	4,109.3	4,497.6	4,814.7	949.3	119.4
Other Americas	178.8	252.9	284.4	371.7	403.9	631.2	533.3	530.3	148.2	7.5
OCEANIA	4,486.8	4,822.9	4,911.8	4,920.0	5,032.2	5,094.2	5,176.5	5,242.5	969.9	64.0
Australia	4,059.6	4,303.0	4,383.6	4,190.6	4,314.0	4,343.2	4,412.9	4,519.3	845.9	27.9
New Zealand	358.0	438.8	458.0	475.2	481.3	529.5	550.3	582.3	91.3	3.0
Other Oceania	69.3	81.1	70.2	254.1	236.9	221.5	213.4	140.9	32.7	33.1
OTHERS	3,599.4	2,660.6	1,569.6	1,258.1	4,028.6	787.6	1,114.3	1,183.6	227.2	48.0
TOTAL	89,225.2	102,199.1	105,083.8	108,903.8	115,566.4	125,721.0	135,169.7	143,606.3	26,158.1	2,948.5

Source:
ASEAN Secretariat

Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	115.9	3,053.5	3,662.2	118.7	117.5	131.4	134.6	168.7	32.6	1.3
Extra-ASEAN	93.2	225.6	223.4	99.5	101.3	127.6	143.5	164.5	29.8	2.2
ASIA (Other than ASEAN)	48.8	102.7	105.2	58.3	65.1	86.5	99.8	116.4	19.0	0.7
China	27.5	39.9	38.8	36.9	40.8	52.4	65.6	74.5	11.3	0.3
Hongkong	1.6	2.3	2.6	1.6	1.9	2.2	2.7	0.0	0.3	0.0
India	5.1	30.3	31.0	6.4	7.2	8.7	8.6	8.9	1.8	0.1
Japan	4.3	9.0	9.8	4.3	4.5	5.2	5.4	10.7	2.1	0.1
Korea, Republic of	4.3	4.8	5.7	2.9	3.6	8.7	9.1	15.8	1.9	0.0
Taiwan, Province of China	2.5	4.4	3.9	1.7	1.6	1.7	0.0	0.0	0.0	0.0
Other Asia	3.5	11.9	13.4	4.4	5.5	7.6	8.5	6.6	1.5	0.2
EUROPE	20.8	68.2	65.3	20.2	18.1	20.7	21.9	20.4	5.7	0.9
France	1.8	3.9	4.0	1.7	1.3	1.4	1.3	1.4	0.2	0.0
Germany	1.7	17.8	8.4	1.9	1.7	1.9	1.8	1.8	0.5	0.1
Italy	0.6	1.1	1.5	0.5	0.5	0.6	0.5	0.6	0.1	0.0
Netherlands	1.4	4.9	6.3	1.3	1.0	1.3	1.2	1.4	0.3	0.1
United Kingdom	11.4	29.9	34.0	11.1	10.4	12.1	12.0	14.2	3.4	0.6
Other Europe	4.0	10.6	11.2	3.6	3.2	3.5	5.0	1.0	1.1	0.0
AMERICAS	6.3	17.4	17.7	5.9	5.4	6.5	6.4	6.7	1.3	0.1
Canada	2.2	8.0	8.5	2.2	2.0	2.3	2.3	2.3	0.4	0.0
USA	4.1	9.4	9.2	3.7	3.4	4.2	4.1	4.4	0.9	0.1
Other Americas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCEANIA	13.5	28.5	24.8	11.6	9.4	10.0	11.1	11.5	2.8	0.1
Australia	11.9	22.6	19.2	10.0	8.0	8.6	9.7	10.2	2.6	0.1
New Zealand	1.6	5.9	5.7	1.6	1.5	1.4	1.4	1.3	0.2	0.0
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	3.7	8.8	10.3	3.4	3.3	3.9	4.4	9.6	1.0	0.4
TOTAL	209.1	3,279.2	3,885.5	218.2	218.8	259.0	278.1	333.2	62.3	3.5

Source:
ASEAN Secretariat

Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	1,514.3	1,831.5	1,991.9	2,097.8	2,121.2	2,161.3	2,067.5	2,228.2	496.5	118.6
Extra-ASEAN	2,070.0	2,378.7	2,510.9	2,677.5	2,890.5	3,440.9	4,133.6	4,382.4	809.7	77.9
ASIA (Other than ASEAN)	1,075.1	1,259.4	1,368.2	1,484.0	1,594.4	2,014.0	2,804.7	3,098.5	477.3	59.9
China	333.9	463.1	560.3	694.7	830.0	1,210.8	2,024.4	2,361.8	329.7	45.8
Hongkong	8.3	8.6	9.8	14.8	16.0	13.5	12.2	2.2	0.3	0.0
India	19.0	23.6	28.5	36.7	46.1	59.6	65.9	75.3	12.9	0.8
Japan	179.3	206.9	215.8	193.3	191.6	203.4	210.5	207.6	41.3	2.0
Korea, Republic of	0.0	435.0	424.4	395.3	357.2	345.1	301.8	254.9	55.9	6.1
Taiwan, Province of China	92.8	97.0	97.5	109.7	104.8	121.0	134.6	138.4	22.9	3.8
Other Asia	441.8	25.2	31.7	39.5	48.7	60.7	55.3	58.3	14.3	1.3
EUROPE	608.0	693.5	703.9	710.2	723.0	844.1	793.7	767.6	216.7	8.7
France	121.2	131.5	141.1	145.7	150.3	166.4	170.8	164.1	43.2	3.6
Germany	72.5	81.6	84.1	94.0	108.8	118.3	99.0	94.4	27.3	0.9
Italy	22.6	25.2	29.5	32.2	35.8	40.3	34.0	40.9	11.1	0.3
Netherlands	24.6	28.1	26.6	29.0	30.9	32.5	28.9	28.3	6.6	0.3
United Kingdom	110.2	123.9	133.3	154.3	159.5	171.2	162.4	163.2	44.8	1.2
Other Europe	256.9	303.2	289.3	255.0	237.8	315.6	298.6	276.7	83.9	2.3
AMERICAS	244.3	263.2	276.7	315.5	353.0	395.0	369.3	354.0	83.4	7.5
Canada	47.8	50.9	52.3	56.8	60.7	69.1	61.6	60.2	15.6	0.8
USA	173.1	185.0	191.4	217.5	238.7	256.5	250.8	248.9	56.0	6.5
Other Americas	23.4	27.3	33.0	41.2	53.7	69.4	57.0	44.9	11.9	0.2
OCEANIA	136.9	156.3	155.6	158.0	171.8	174.2	152.2	147.1	28.7	1.5
Australia	117.7	132.0	134.2	134.7	146.8	143.9	127.4	123.3	23.7	1.3
New Zealand	19.0	20.6	21.3	23.0	24.8	29.9	24.5	23.3	4.4	0.2
Other Oceania	0.1	3.7	0.2	0.2	0.2	0.4	0.3	0.5	0.6	0.0
OTHERS	5.8	6.2	6.6	9.8	48.3	13.6	13.6	15.2	3.5	0.4
TOTAL	3,584.3	4,210.2	4,502.8	4,775.2	5,011.7	5,602.2	6,201.1	6,610.6	1,306.1	196.5

Source:
ASEAN Secretariat

Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	2,607.7	3,516.1	3,683.8	3,860.7	3,817.5	4,524.6	5,453.3	6,157.2	1,521.4	528.2
Extra-ASEAN	5,436.8	5,286.1	5,751.6	6,546.1	7,701.8	9,515.2	10,357.0	9,949.8	2,531.5	1,029.3
ASIA (Other than ASEAN)	1,893.8	2,580.7	2,782.6	3,224.7	3,791.6	5,392.8	6,100.9	5,494.9	1,639.1	910.1
China	618.2	807.4	926.8	1,260.7	1,556.8	2,093.2	2,139.2	2,072.3	239.8	54.7
Hongkong	75.3	112.8	112.3	94.1	101.4	98.3	91.2	50.3	2.6	2.4
India	177.2	201.0	223.6	319.6	422.0	536.9	595.6	657.3	111.7	6.7
Japan	445.1	491.6	525.4	549.7	545.4	573.3	530.6	519.6	92.2	6.0
Korea, Republic of	303.9	343.6	370.1	387.5	386.8	423.2	358.9	388.3	75.6	9.5
Taiwan, Province of China	180.6	245.3	244.0	227.9	252.8	264.3	208.3	207.5	35.7	1.4
Other Asia	93.5	378.9	380.3	385.2	526.4	1,403.7	2,177.1	1,599.6	1,081.5	829.4
EUROPE	776.9	1,243.0	1,332.6	1,462.4	1,767.1	1,965.9	2,006.3	2,068.4	439.5	55.7
France	178.9	190.9	210.1	212.6	256.2	274.1	287.9	283.8	43.4	3.8
Germany	152.4	168.1	184.8	203.6	243.9	267.8	274.2	277.7	46.4	3.4
Italy	0.0	63.0	68.0	69.4	79.4	90.0	94.3	91.2	13.3	2.3
Netherlands	147.7	158.2	169.3	175.3	200.8	210.4	210.0	215.3	53.5	12.2
United Kingdom	203.6	228.7	249.2	292.7	352.0	378.1	392.1	397.7	70.0	5.2
Other Europe	94.3	434.1	451.1	508.8	634.8	745.3	747.8	802.7	213.0	28.7
AMERICAS	207.0	333.2	358.7	411.6	476.0	537.0	566.3	649.0	133.7	24.9
Canada	0.0	56.8	61.4	75.8	86.8	96.1	97.9	103.6	23.2	1.2
USA	207.0	234.1	251.4	276.0	316.8	344.8	387.9	457.8	91.8	22.0
Other Americas	0.0	42.2	45.9	59.8	72.4	96.1	80.6	87.5	18.8	1.7
OCEANIA	909.2	1,071.8	1,212.7	1,377.4	1,571.9	1,507.9	1,574.6	1,617.2	297.8	35.5
Australia	909.2	998.0	1,128.5	1,099.1	1,302.3	1,256.9	1,301.5	1,386.8	256.3	3.2
New Zealand	0.0	66.5	76.5	87.9	105.4	106.9	128.4	149.0	19.9	0.5
Other Oceania	0.0	7.3	7.7	190.4	164.2	144.1	144.7	81.4	21.5	31.8
OTHERS	1,649.9	57.5	65.0	69.9	95.1	111.5	108.9	120.3	21.3	3.1
TOTAL	8,044.5	8,802.1	9,435.4	10,406.8	11,519.3	14,039.8	15,810.3	16,107.0	4,052.9	1,557.5

Source:
ASEAN Secretariat

Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	2,712.5	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8	3,198.8	555.5	-
Extra-ASEAN	617.6	738.3	934.6	1,095.9	1,155.7	1,121.7	1,299.6	1,592.2	330.9	-
ASIA (Other than ASEAN)	312.6	394.3	584.3	736.4	802.0	862.9	1,035.3	1,292.8	219.5	-
China	199.9	245.0	422.4	511.4	545.5	639.2	805.8	1,022.7	138.5	-
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
India	3.3	4.6	4.5	5.5	8.2	4.3	4.9	8.2	1.7	-
Japan	42.0	48.6	44.9	43.8	49.2	32.1	39.0	41.7	11.1	-
Korea, Republic of	53.8	81.8	96.1	165.3	173.3	170.6	174.4	203.2	40.2	-
Taiwan, Province of China	4.0	4.8	5.5	6.1	14.0	4.3	4.8	7.0	1.7	-
Other Asia	9.6	9.5	10.9	4.2	11.8	12.4	6.4	10.0	26.2	-
EUROPE	185.8	212.6	209.3	217.3	221.9	161.2	165.8	182.5	70.5	-
France	46.9	52.4	52.1	55.2	55.0	36.8	39.3	44.4	15.5	-
Germany	23.4	29.3	29.8	31.9	34.0	23.8	22.9	25.3	8.6	-
Italy	6.3	8.8	9.7	9.0	10.1	7.5	6.2	7.3	2.8	-
Netherlands	9.3	10.9	8.7	8.4	7.0	5.5	7.8	8.9	2.3	-
United Kingdom	35.7	41.7	39.1	41.5	39.2	27.7	26.8	32.0	11.6	-
Other Europe	64.2	69.4	69.9	71.3	76.7	59.9	62.8	64.5	29.7	-
AMERICAS	75.9	85.9	86.0	89.0	86.2	64.2	69.1	82.7	30.2	-
Canada	16.7	17.1	19.1	19.8	19.3	13.5	10.8	12.9	4.6	-
USA	53.4	61.6	61.5	63.1	58.1	38.8	49.2	61.2	18.1	-
Other Americas	5.7	7.2	5.5	6.1	8.8	12.0	9.2	8.6	7.4	-
OCEANIA	39.3	40.9	50.2	39.5	37.9	24.1	23.1	28.7	8.5	-
Australia	33.9	35.5	45.0	34.7	33.1	20.9	19.6	24.8	7.3	-
New Zealand	5.4	5.5	5.2	4.8	4.8	3.2	3.5	4.0	1.2	-
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
OTHERS	4.1	4.6	4.9	13.8	7.7	9.3	6.3	5.6	2.3	-
TOTAL	3,330.1	3,779.5	4,158.7	4,684.4	4,239.0	3,868.8	4,186.4	4,791.1	886.4	-

Source:
ASEAN Secretariat

Note:
'-' not available data for visitor arrivals in Lao PDR in 2021

Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	18,809.7	19,105.9	20,372.8	19,146.5	20,271.1	19,478.6	18,114.4	17,880.2	2,949.4	91.7
Extra-ASEAN	6,223.0	6,609.6	7,064.5	6,574.7	6,486.2	6,469.9	7,717.9	8,220.6	1,383.4	43.1
ASIA (Other than ASEAN)	3,895.9	4,220.5	4,421.6	4,328.5	3,499.3	4,568.9	5,452.8	5,895.5	937.8	24.4
China	1,558.8	1,791.4	1,613.4	1,677.2	2,124.9	2,281.7	2,944.1	3,114.3	405.1	7.7
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	691.3	651.0	770.1	722.1	0.0	552.7	600.3	735.3	155.9	3.9
Japan	470.0	513.1	553.1	483.6	413.8	392.8	394.5	424.7	74.4	3.1
Korea, Republic of	284.0	274.7	385.8	421.2	444.4	484.5	616.8	673.1	119.8	3.0
Taiwan, Province of China	242.5	286.3	274.7	283.2	300.9	332.9	383.9	382.9	60.1	0.6
Other Asia	649.3	704.1	824.6	741.2	215.3	524.3	513.1	565.3	122.5	6.1
EUROPE	1,046.8	1,066.2	1,211.9	1,201.2	1,111.9	1,077.2	1,054.7	1,055.8	257.0	7.2
France	136.2	145.1	170.0	151.5	134.3	131.7	139.4	141.7	28.2	0.8
Germany	131.3	136.7	158.5	144.9	130.3	109.8	128.9	130.2	27.5	0.8
Italy	44.3	45.3	55.2	51.9	42.7	44.6	52.1	54.7	9.0	0.3
Netherlands	88.4	84.0	98.0	84.6	72.2	75.9	81.7	82.1	14.5	0.5
United Kingdom	402.2	413.5	445.8	401.0	400.3	358.8	361.3	346.5	63.9	2.7
Other Europe	244.4	241.6	284.5	367.2	332.2	356.3	291.4	300.6	114.0	2.1
AMERICAS	327.1	335.8	354.9	360.1	289.4	308.6	338.1	357.5	76.7	2.5
Canada	86.9	88.9	92.8	79.6	72.3	67.1	84.7	87.6	16.6	0.5
USA	240.1	246.9	262.1	237.8	217.1	198.2	253.4	269.9	48.8	2.0
Other Americas	0.0	0.0	0.0	42.8	0.0	43.3	0.0	0.0	11.3	0.0
OCEANIA	573.7	589.5	638.8	551.7	431.1	411.7	402.2	418.4	82.6	1.5
Australia	507.9	526.3	571.3	486.9	377.7	351.2	351.5	368.3	72.7	1.3
New Zealand	65.7	63.2	67.4	60.8	53.4	55.9	50.7	50.1	8.8	0.2
Other Oceania	0.0	0.0	0.0	3.9	0.0	4.5	0.0	0.0	1.1	0.0
OTHERS	379.5	397.6	437.4	133.3	1,154.6	103.6	470.1	493.4	29.3	7.4
TOTAL	25,032.7	25,715.5	27,437.3	25,721.3	26,757.4	25,948.5	25,832.4	26,100.8	4,332.7	134.7

Source:
ASEAN Secretariat

Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	151.1	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3	2,123.3	493.6	109.1
Extra-ASEAN	907.9	1,825.6	1,483.2	2,918.1	2,504.3	1,712.7	1,631.2	2,240.8	409.8	21.9
ASIA (Other than ASEAN)	233.0	415.1	1,071.3	2,368.8	468.8	1,311.0	1,307.8	1,915.9	318.0	18.5
China	70.8	90.6	809.4	2,102.7	183.9	996.9	963.2	1,463.1	230.4	14.0
Hongkong	4.8	7.9	8.5	2.9	0.0	0.4	7.2	32.0	4.4	0.0
India	16.9	21.0	62.1	59.7	38.5	86.9	102.7	117.3	24.8	1.5
Japan	47.7	68.8	83.4	90.3	100.8	101.5	104.4	125.7	26.1	1.2
Korea, Republic of	34.8	54.9	58.5	63.7	64.4	65.8	71.2	111.8	19.4	1.1
Taiwan, Province of China	22.1	30.7	32.7	31.7	36.1	36.5	35.7	39.4	7.3	0.2
Other Asia	36.0	141.3	16.7	17.7	45.1	23.0	23.4	26.7	5.6	0.5
EUROPE	116.0	168.3	200.3	224.5	255.5	252.4	199.9	202.7	62.9	2.1
France	26.5	35.5	41.5	47.4	52.3	58.4	43.2	42.6	15.5	0.4
Germany	19.5	27.7	32.3	35.7	39.0	40.0	28.8	29.4	9.1	0.1
Italy	9.3	11.7	12.6	14.8	18.0	18.2	16.9	19.1	5.8	0.1
Netherlands	0.0	0.0	10.8	12.2	14.0	13.5	9.4	9.6	2.6	0.1
United Kingdom	20.6	33.2	40.9	45.1	51.1	47.7	36.4	34.1	9.3	0.3
Other Europe	39.9	60.2	62.3	69.2	81.1	74.6	65.2	67.9	20.6	1.2
AMERICAS	47.6	67.3	81.9	93.4	102.5	99.7	86.9	88.0	20.5	0.8
Canada	37.6	9.0	12.3	14.1	15.0	14.1	11.1	11.1	2.7	0.1
USA	6.5	53.7	62.6	69.8	76.5	73.1	65.1	66.8	15.0	0.6
Other Americas	3.5	4.6	7.0	9.6	11.0	12.6	10.8	10.2	2.7	0.1
OCEANIA	20.7	28.1	33.4	35.6	39.2	37.6	32.5	30.0	6.8	0.2
Australia	18.3	24.7	29.2	30.8	34.0	32.6	28.0	25.9	6.0	0.2
New Zealand	2.3	3.3	4.1	4.5	5.0	4.8	4.3	4.0	0.8	0.0
Other Oceania	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.0	0.0
OTHERS	490.6	1,146.8	96.2	195.8	1,638.4	11.9	4.1	4.1	1.6	0.2
TOTAL	1,059.0	2,044.3	3,081.4	4,881.0	2,907.2	3,443.1	3,549.4	4,364.1	903.3	130.9

Source:
ASEAN Secretariat

Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2012–2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	375.2	422.1	461.5	481.6	461.7	488.3	530.3	526.8	83.3	7.8
Extra-ASEAN	3,897.6	4,259.2	4,371.9	4,879.1	5,505.3	6,132.6	6,597.4	7,734.1	1,399.2	156.1
ASIA (Other than ASEAN)	2,167.5	2,446.5	2,465.6	2,830.4	3,266.2	3,763.6	4,101.4	5,106.9	764.1	56.7
China	250.9	426.4	395.0	490.8	675.7	968.4	1,255.3	1,743.3	170.4	9.7
Hongkong	118.7	126.0	114.1	122.2	116.3	111.1	118.0	91.7	12.4	0.4
India	46.4	52.2	61.2	74.8	90.8	107.3	121.1	135.0	29.0	7.2
Japan	412.5	433.7	463.7	495.7	535.2	584.2	631.8	682.8	136.7	15.0
Korea, Republic of	1,031.2	1,165.8	1,175.5	1,339.7	1,475.1	1,607.8	1,588.0	1,989.3	338.9	6.5
Taiwan, Province of China	216.5	139.1	143.0	177.7	229.3	236.8	240.8	327.3	48.6	1.6
Other Asia	91.4	103.3	113.2	129.6	143.7	148.0	146.5	137.6	28.1	16.3
EUROPE	433.7	468.1	485.8	521.1	594.3	649.5	707.5	772.1	180.9	19.8
France	33.7	39.0	38.9	45.5	55.4	64.8	74.4	88.6	24.5	1.4
Germany	67.0	70.9	72.8	75.3	86.4	85.4	92.1	103.8	25.9	2.0
Italy	16.7	17.7	19.9	21.6	25.9	30.4	35.2	39.0	9.0	1.2
Netherlands	22.2	22.6	25.2	28.6	31.9	33.8	37.0	41.3	9.0	1.5
United Kingdom	113.3	122.8	133.7	154.6	173.3	182.7	201.0	209.2	40.0	4.3
Other Europe	180.7	195.1	195.3	195.4	221.5	252.4	267.7	290.3	72.6	9.3
AMERICAS	783.3	814.6	875.2	946.0	1,057.2	1,176.5	1,279.8	1,327.9	273.5	47.5
Canada	123.7	131.4	143.9	156.4	175.6	200.6	226.4	238.9	55.3	6.8
USA	652.6	674.6	722.8	779.2	869.5	957.8	1,034.4	1,064.4	211.8	39.3
Other Americas	7.0	8.6	8.6	10.4	12.1	18.0	18.9	24.6	6.4	1.4
OCEANIA	252.7	276.7	287.0	303.0	321.1	333.2	354.0	352.8	66.5	3.6
Australia	191.2	213.0	224.8	241.2	251.1	259.4	279.8	286.2	55.3	2.2
New Zealand	14.1	15.8	17.7	20.6	23.4	29.0	33.3	37.9	6.9	0.3
Other Oceania	47.5	47.9	44.5	41.2	46.5	44.8	40.9	28.8	4.3	1.0
OTHERS	260.4	253.4	258.3	278.7	266.6	209.8	154.7	174.4	114.1	28.6
TOTAL	4,272.8	4,681.3	4,833.4	5,360.7	5,967.0	6,620.9	7,127.7	8,260.9	1,482.5	163.9

Source:
ASEAN Secretariat

Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2012–2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	5,732.7	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0	6,623.9	896.8	89.1
Extra-ASEAN	8,758.5	9,453.2	8,982.1	9,483.3	10,467.2	11,199.5	11,987.3	12,489.9	1,845.7	240.9
ASIA (Other than ASEAN)	5,359.1	5,891.3	5,474.0	5,956.8	6,826.1	7,274.5	7,711.4	7,984.4	936.9	186.9
China	2,033.4	2,269.9	1,722.4	2,106.2	2,863.7	3,228.1	3,417.6	3,627.0	357.3	88.2
Hongkong	472.1	539.8	631.0	609.9	538.0	465.8	473.1	488.5	59.0	5.4
India	894.6	933.6	943.6	1,014.0	1,097.2	1,272.1	1,442.3	1,417.9	175.5	54.4
Japan	756.9	832.8	824.7	789.2	783.9	792.9	829.7	884.3	125.9	5.9
Korea, Republic of	445.2	471.8	537.0	577.1	566.5	631.4	629.5	645.8	89.5	7.1
Taiwan, Province of China	282.2	350.3	337.4	378.0	394.2	395.6	422.9	425.6	61.9	3.4
Other Asia	474.8	493.2	477.8	482.5	582.6	488.8	496.3	495.2	67.8	22.4
EUROPE	1,519.0	1,591.2	1,598.5	1,615.4	1,719.8	1,853.8	2,063.2	2,132.5	489.1	28.9
France	158.9	160.0	156.9	157.5	170.9	175.4	204.8	212.8	41.6	4.2
Germany	252.4	251.6	263.5	286.7	328.8	342.4	356.8	380.7	95.6	5.4
Italy	65.5	66.7	67.1	69.4	74.6	80.4	102.0	102.7	19.7	1.2
Netherlands	81.6	82.9	81.8	79.1	82.2	86.9	98.3	99.4	17.9	2.0
United Kingdom	446.4	461.5	451.9	473.8	489.2	518.9	588.9	607.8	133.4	8.5
Other Europe	514.2	568.6	577.4	549.0	574.0	649.7	712.4	729.1	181.0	7.6
AMERICAS	616.2	641.5	635.3	657.3	680.7	758.7	861.7	962.1	171.3	13.6
Canada	87.8	92.7	92.8	96.2	98.5	105.2	129.5	138.5	26.9	1.7
USA	477.1	491.9	484.9	499.5	516.5	565.4	643.2	729.3	123.2	11.0
Other Americas	51.4	56.8	57.5	61.5	65.7	88.0	88.9	94.3	21.1	1.0
OCEANIA	1,188.5	1,261.1	1,207.9	1,186.3	1,168.1	1,235.7	1,267.1	1,319.9	234.1	10.8
Australia	1,049.7	1,125.2	1,074.9	1,043.6	1,027.3	1,082.0	1,107.2	1,143.3	206.2	10.0
New Zealand	123.7	120.4	118.7	127.6	121.1	131.2	137.7	153.0	23.8	0.6
Other Oceania	15.1	15.5	14.3	15.1	19.7	22.4	22.2	23.6	4.0	0.2
OTHERS	75.7	68.1	66.4	67.5	72.7	76.8	83.9	91.0	14.4	0.6
TOTAL	14,491.2	15,567.9	15,095.2	15,231.5	16,403.6	17,424.6	18,508.3	19,113.8	2,742.4	330.0

Source:
ASEAN Secretariat

Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	6,462.6	7,410.4	6,620.2	7,886.1	8,897.3	9,322.5	10,191.4	10,752.0	1,652.6	32.8
Extra-ASEAN	15,891.3	19,136.3	18,159.5	21,995.0	23,632.3	26,269.5	27,986.8	29,164.3	5,049.8	395.0
ASIA (Other than ASEAN)	8,218.6	10,668.1	9,758.5	14,022.5	15,166.2	17,063.3	18,479.7	19,715.1	2,484.7	82.0
China	2,761.2	4,609.7	4,623.8	7,934.8	8,821.1	9,806.3	10,535.2	10,997.2	1,249.9	13.0
Hongkong	604.9	694.1	483.9	669.2	690.5	821.1	1,015.7	1,045.3	124.2	1.7
India	985.9	1,028.4	946.3	1,069.1	1,077.0	1,415.2	1,598.3	1,995.4	261.8	6.5
Japan	1,341.1	1,515.7	1,265.3	1,381.7	1,416.9	1,544.4	1,656.1	1,806.4	320.3	9.5
Korea, Republic of	1,153.5	1,292.3	1,117.4	1,373.0	1,449.6	1,709.3	1,796.4	1,891.0	260.2	12.1
Taiwan, Province of China	393.3	503.9	392.8	552.6	513.5	573.1	687.7	790.0	119.4	1.7
Other Asia	978.8	1,023.9	929.0	1,042.1	1,197.6	1,194.0	1,190.1	1,190.0	148.8	37.5
EUROPE	5,454.5	6,155.6	6,156.1	5,629.1	6,008.4	6,514.0	6,760.3	6,711.8	2,079.0	250.9
France	538.3	723.7	632.2	681.1	697.7	740.2	749.6	745.3	236.5	23.5
Germany	663.6	580.1	717.6	760.6	825.5	850.1	886.5	852.4	230.6	45.9
Italy	187.6	197.2	220.0	246.1	248.9	264.5	279.9	272.3	60.1	5.3
Netherlands	197.7	209.7	210.3	221.7	228.4	222.4	236.3	241.6	51.6	8.5
United Kingdom	800.1	847.7	909.3	946.9	961.5	994.8	986.9	992.5	221.4	38.7
Other Europe	3,067.2	3,597.2	3,466.6	2,772.8	3,046.3	3,442.0	3,621.2	3,607.7	1,278.8	129.1
AMERICAS	1,006.9	1,104.0	1,104.7	1,235.1	1,341.5	1,542.0	1,599.2	1,630.8	318.4	47.4
Canada	192.6	209.1	213.2	227.3	222.4	258.5	276.1	273.2	58.2	6.4
USA	726.5	788.8	764.7	867.5	938.9	1,056.4	1,122.3	1,165.9	211.1	37.9
Other Americas	87.8	106.1	126.8	140.3	180.3	227.0	200.9	191.7	49.1	3.1
OCEANIA	1,036.0	1,019.4	947.2	921.4	918.5	938.9	922.0	884.5	139.9	10.9
Australia	930.0	906.0	835.5	805.9	813.0	817.2	801.2	767.2	123.6	9.6
New Zealand	99.4	106.7	108.4	112.3	99.4	118.0	116.7	112.7	15.7	1.2
Other Oceania	6.6	6.6	3.3	3.1	6.1	3.7	4.0	4.7	0.6	0.1
OTHERS	175.2	189.3	193.0	186.9	197.6	211.3	225.5	222.0	27.8	3.9
TOTAL	22,353.9	26,546.7	24,779.8	29,881.1	32,529.6	35,592.0	38,178.2	39,916.3	6,702.4	427.9

Source:
ASEAN Secretariat

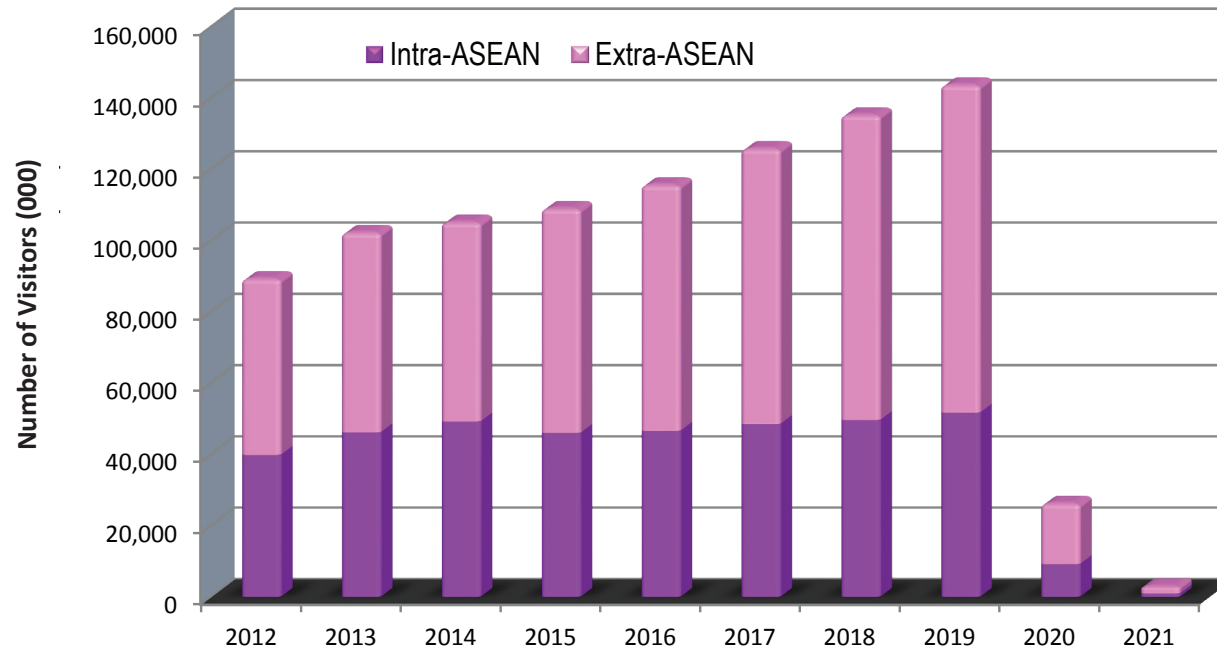
Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2012-2021

(in thousands)

Country of Origin	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Intra-ASEAN	1,363.8	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3	2,037.3	509.3	-
Extra-ASEAN	5,483.9	6,132.1	6,379.2	6,642.8	8,551.6	11,238.6	13,716.5	15,971.3	3,177.5	-
ASIA (Other than ASEAN)	3,128.8	3,669.8	3,846.7	4,334.2	5,523.2	8,079.1	10,294.1	12,349.1	2,165.0	-
China	1,428.7	1,907.8	1,947.2	1,780.9	2,696.8	4,008.3	4,966.5	5,806.4	871.8	-
Hongkong	13.4	10.2	14.6	0.0	34.6	47.7	62.2	51.6	3.8	-
India	0.0	0.0	0.0	0.0	0.0	109.5	132.4	169.0	0.0	-
Japan	576.4	604.1	648.0	671.4	34.6	798.1	826.7	952.0	200.3	-
Korea, Republic of	700.9	748.7	848.0	1,113.0	1,543.9	2,415.2	3,485.4	4,290.8	819.1	-
Taiwan, Province of China	409.4	399.0	389.0	330.2	507.3	616.2	714.1	926.7	192.2	-
Other Asia	0.0	0.0	0.0	438.7	706.0	84.1	106.9	152.5	77.8	-
EUROPE	927.0	1,046.1	1,198.5	1,200.0	1,445.0	1,885.7	2,037.9	2,168.2	664.3	-
France	219.7	209.9	213.7	211.6	240.8	255.4	279.7	287.7	74.5	-
Germany	106.6	97.7	142.3	149.1	176.0	199.9	214.0	226.8	61.5	-
Italy	31.3	32.1	36.4	40.3	51.3	58.0	65.6	70.8	17.8	-
Netherlands	45.9	47.4	49.1	53.0	64.7	72.3	77.3	81.1	18.3	-
United Kingdom	170.3	184.7	202.3	212.8	254.8	283.5	298.1	315.1	81.4	-
Other Europe	353.1	474.3	554.6	533.3	657.4	1,016.6	1,103.3	1,186.7	410.8	-
AMERICAS	557.4	537.2	548.1	473.9	675.6	817.0	903.8	973.8	234.1	-
Canada	113.6	105.0	104.3	105.7	122.9	138.2	149.5	159.1	41.8	-
USA	443.8	432.2	443.8	368.2	552.6	614.1	687.2	746.2	172.7	-
Other Americas	0.0	0.0	0.0	0.0	0.0	64.7	67.1	68.5	19.5	-
OCEANIA	316.5	350.6	354.2	335.7	363.3	420.9	437.8	432.4	102.2	-
Australia	289.8	319.6	321.1	303.7	320.7	370.4	386.9	383.5	92.2	-
New Zealand	26.6	31.0	33.1	32.0	42.6	49.1	49.9	47.1	9.5	-
Other Oceania	0.0	0.0	0.0	0.0	0.0	1.4	1.0	1.8	0.5	-
OTHERS	554.3	528.4	431.7	299.1	544.5	35.9	42.8	48.0	11.9	-
TOTAL	6,847.7	7,572.4	7,874.3	7,943.7	10,012.7	12,922.2	15,497.8	18,008.6	3,686.8	3,500.0

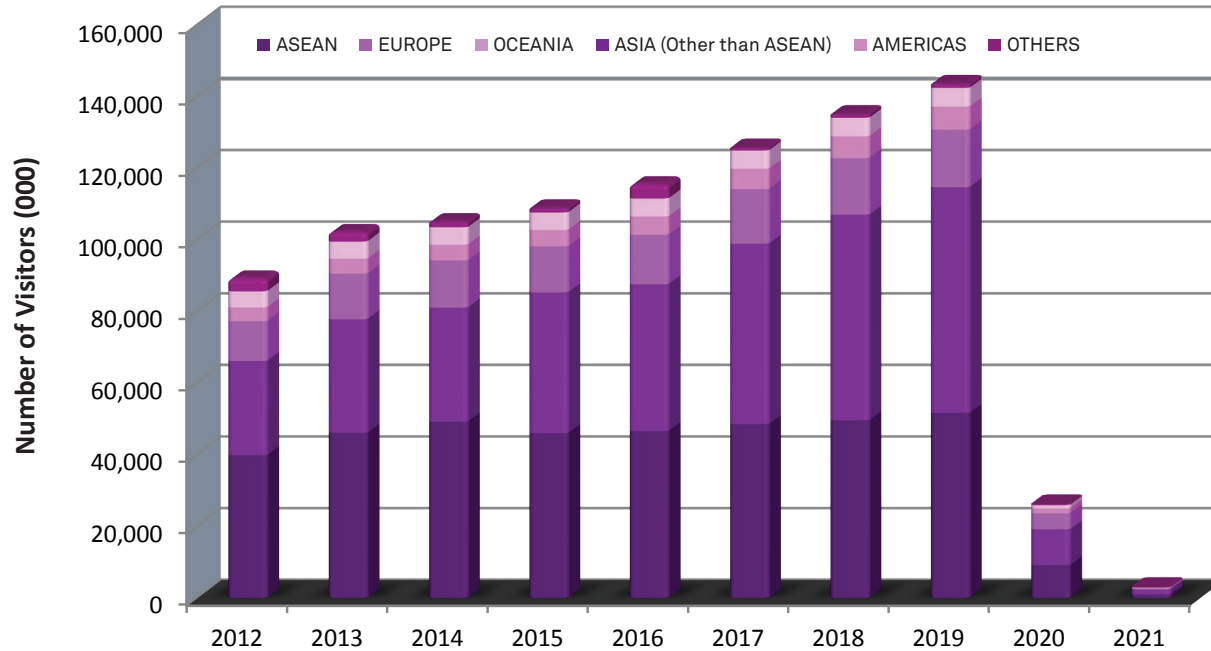
Source:
ASEAN SecretariatNote:
'-' not breakdown data available for visitors arrivals in Viet Nam in 2021

**Chart 9.1. Intra and Extra-ASEAN Visitor Arrivals,
2012-2021**



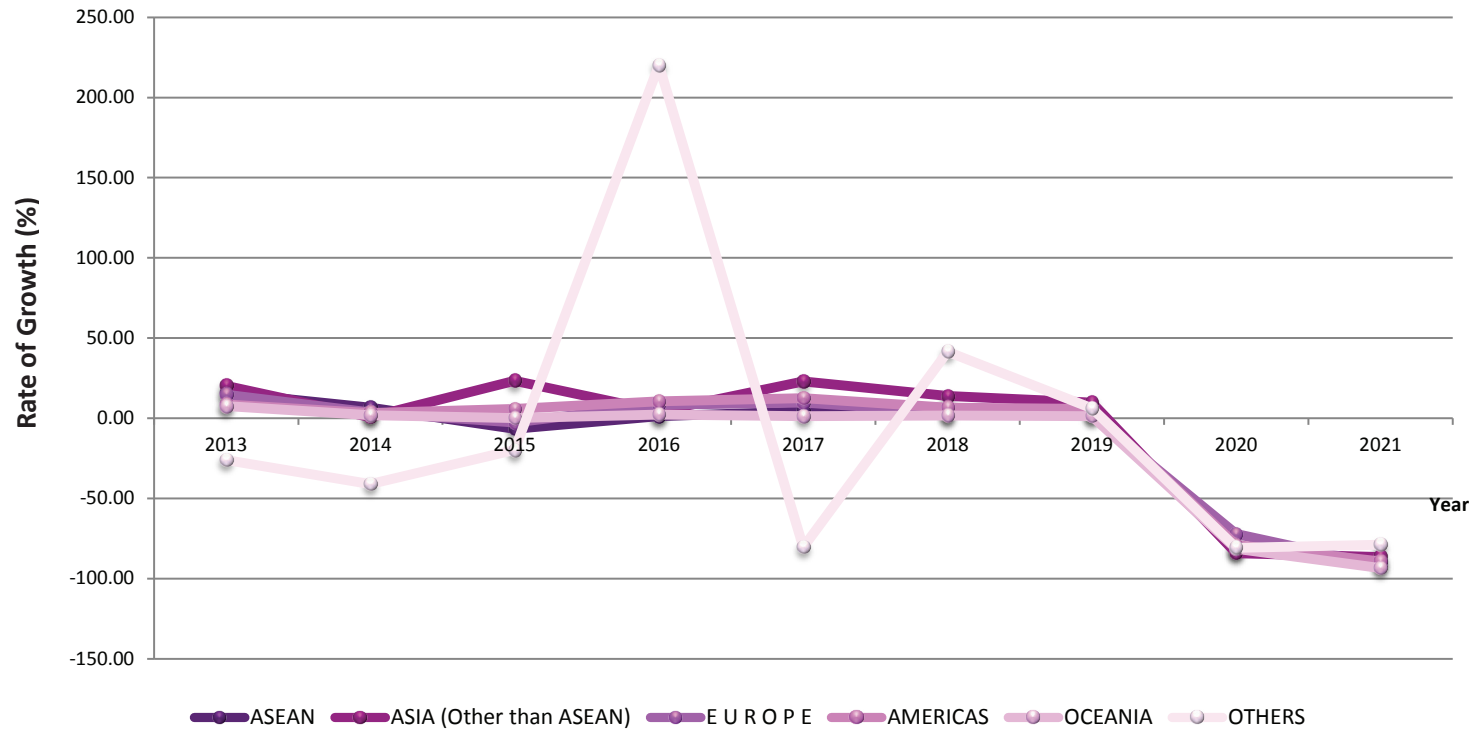
Source: ASEAN Secretariat

Chart 9.2. Visitor Arrivals to ASEAN by Origin, 2012-2021



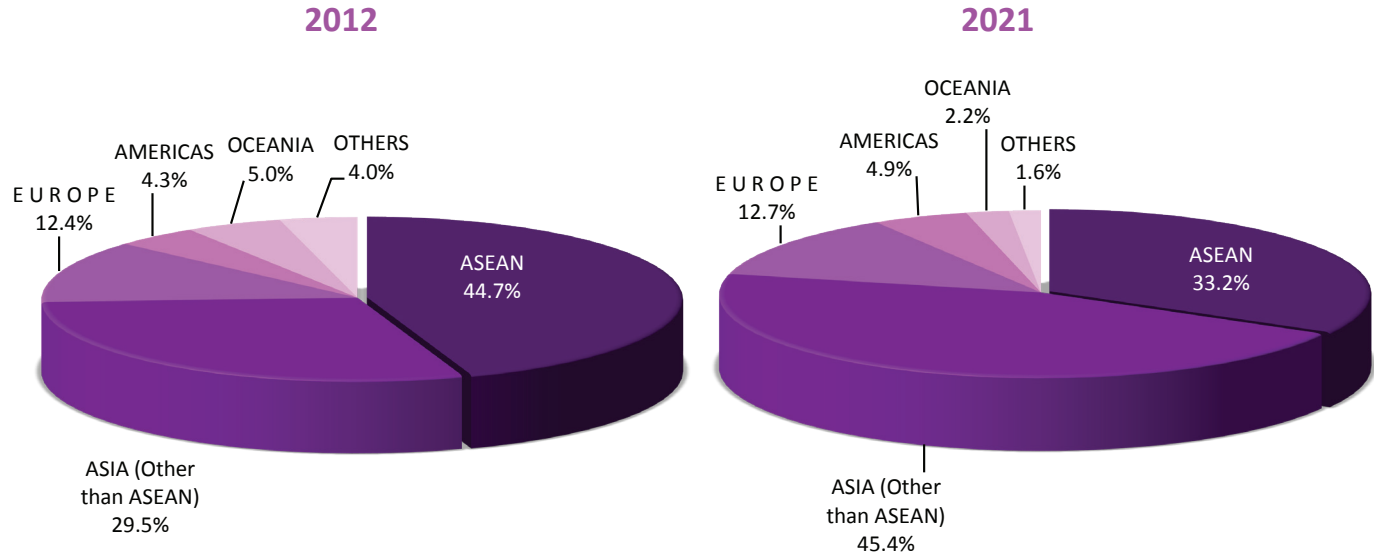
Source: ASEAN Secretariat

Chart 9.3. Growth of Visitor Arrivals to ASEAN by Origin, 2013-2021



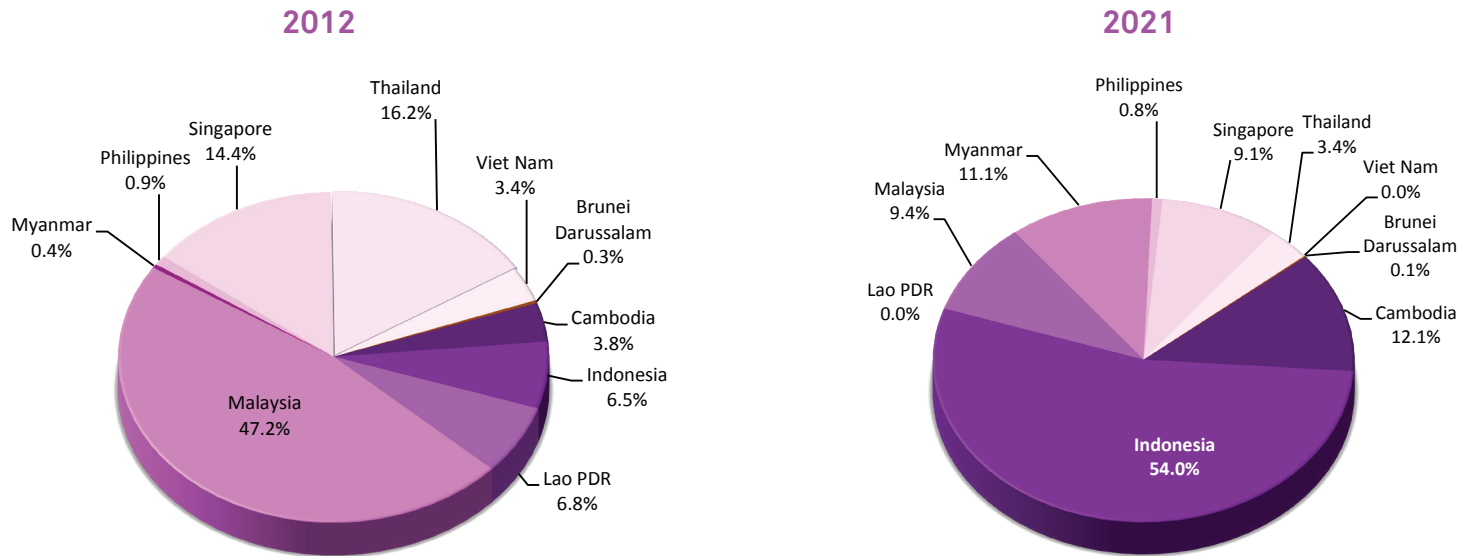
Source: ASEAN Secretariat

Chart 9.4. Visitor Arrivals to ASEAN by Origin
In percent share



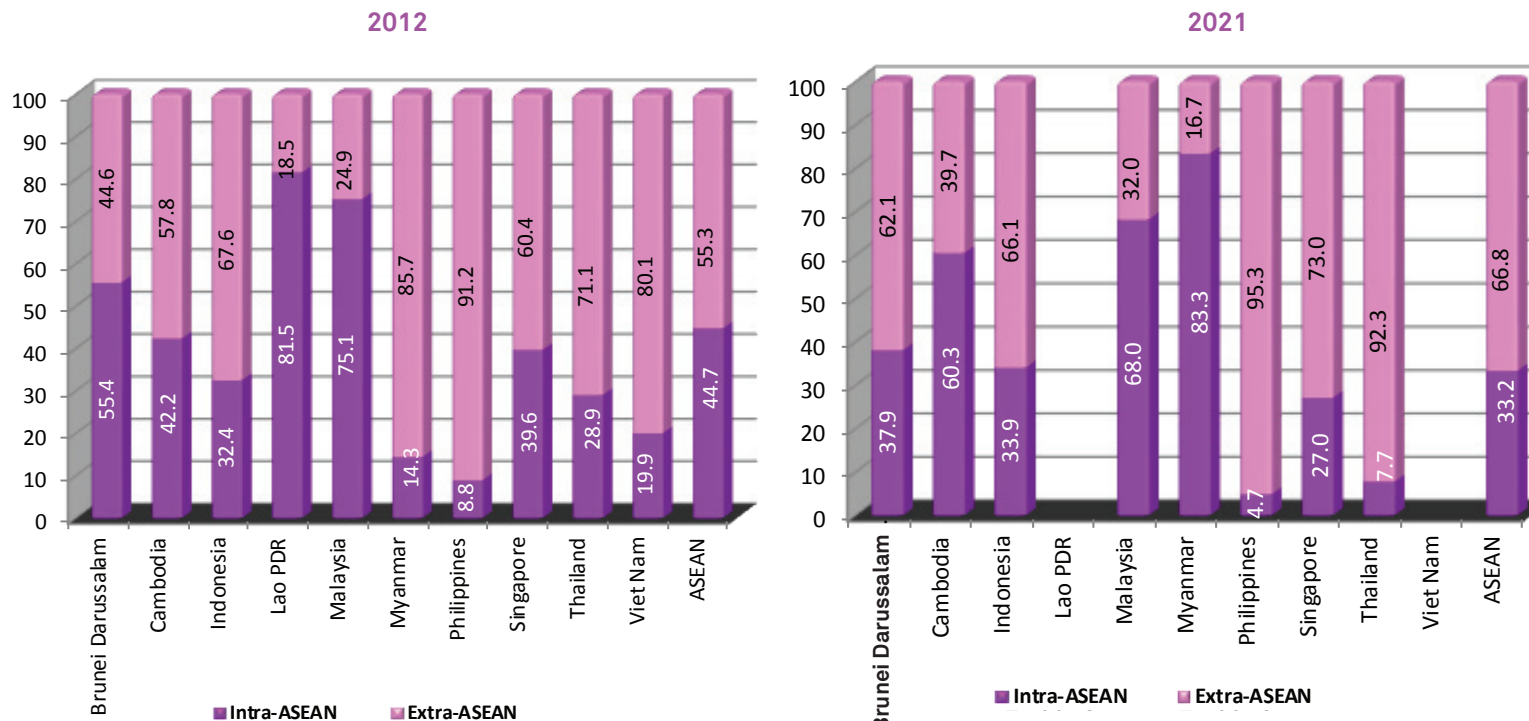
Source: ASEAN Secretariat

Chart 9.5. Intra-ASEAN Visitor Arrivals by Host Country
In percent share



Source: ASEAN Secretariat

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



Source:
ASEAN Secretariat

Note:
1) No data available for Lao PDR and no breakdown data available for Viet Nam

Chapter 10

AGRICULTURE



Table 10.1. Agriculture Land and Land Use in ASEAN, 2020

Country	Total Area (000 Ha)	Land area						Rural Population (000)
		Total Land Area (000 Ha)	Agricultural area					
			Arable Land (000 Ha)	Permanent Crops (000 Ha)	Permanent Pasture (000 Ha)	Total Agrc. Area (000 Ha) (4)+(5)+(6)	% of Agriculture Area to Land Area	
Brunei Darussalam	577.0	527.0	4.0	6.0	3.4	13.4	2.5	96.7
Cambodia	18,104.0	17,652.0	3,876.0	413.0	1,500.0	5,789.0	32.8	12,665.0
Indonesia	191,690.7	187,751.9	26,300.0	25,000.0	11,000.0	62,300.0	33.2	118,034.4
Lao PDR	23,680.0	23,080.0	1,224.0	130.0	675.0	2,029.0	8.8	4,564.7
Malaysia	33,024.1	32,855.0	826.0	7,460.0	285.0	8,571.0	26.1	7,507.4
Myanmar	67,659.0	65,267.0	11,018.0	1,510.0	480.0	13,008.0	19.9	37,740.2
Philippines	30,000.0	29,817.0	5,590.0	5,585.0	1,500.0	12,675.0	42.5	57,694.8
Singapore	72.8	71.8	0.6	0.1	-	0.7	0.9	0.0
Thailand	51,312.0	51,089.0	16,810.0	5,400.0	800.0	23,010.0	45.0	33,712.5
Viet Nam	33,134.0	31,342.9	6,787.0	4,931.0	642.0	12,360.0	39.4	61,632.9
Total	449,253.6	439,453.6	72,435.6	50,435.1	16,885.4	139,756.1	31.8	333,648.7

Source:
FAOSTAT website, as of November 2021

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

Table 10.2. GDP Share, Employment, Exports and Imports Share of Agriculture Sector in ASEAN, 2020-2021

(in percent)

Country	GDP Share ¹⁾		Employment Share ²⁾		Exports Share		Imports Share	
	2020	2021	2020	2021	2020	2021	2020	2021
Brunei Darussalam	1.2	1.3	1.3	1.4	0.2	0.4	10.8	8.7
Cambodia	22.7	22.8	-	-	4.7	5.4	7.9	6.1
Indonesia	13.7	13.3	29.8	28.3	22.4	21.9	12.9	11.8
Lao PDR	16.5	16.0	-	-	28.6	19.7	19.3	16.3
Malaysia	8.2	9.6	12.4	10.3	9.4	9.8	8.8	8.6
Myanmar	20.9	22.7	-	-	28.7	34.6	13.4	18.0
Philippines	10.2	10.1	26.0	24.2	9.5	9.1	14.2	13.7
Singapore	0.0	0.0	0	0	3.4	3.2	4.1	3.9
Thailand	8.7	8.5	35.0	31.9	15.0	14.3	7.8	6.8
Viet Nam	14.9	12.4	35.7	29.1	9.2	8.5	8.0	8.5
Total in percent					10.4	10.2	8.2	8.0
Total in million US \$					145,510.5	175,553.9	104,696.3	130,099.9

Source:
ASEAN Secretariat

Note:
1) Refer to GDP share refer to real (Constant Price) GDP at Table 4.6
2) Refer to Table 3.9
- not available at the time of publication

Table 10.3. Paddy Production in ASEAN, 2012-2021

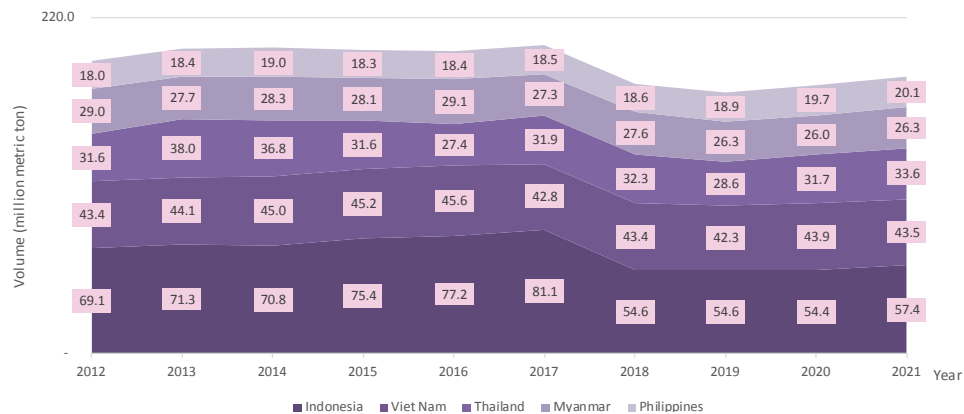
(in thousand metric ton)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	2.3	1.9	2.1	3.1	3.2	2.5	2.3	3.9	4.1	4.2
Cambodia	9,000.0	9,290.9	9,291.0	9,324.4	9,227.0	9,952.3	10,891.7	10,885.7	10,935.6	12,207.0
Indonesia	69,080.0	71,280.0	70,846.5	75,397.8	77,245.3	81,148.6	54,604.0	54,649.2	54,415.3	57,449.8
Lao PDR	3,489.2	3,414.6	4,002.4	4,048.2	4,300.0	4,055.4	3,534.5	3,506.8	3,660.1	3,688.1
Malaysia	2,750.0	2,615.9	2,848.6	2,674.4	2,739.6	2,570.5	2,639.2	2,348.9	2,356.4	2,293.8
Myanmar	29,009.9	27,703.7	28,322.2	28,127.2	29,073.0	27,255.4	27,573.4	26,269.7	25,982.5	26,274.7
Philippines	18,032.5	18,439.4	18,967.8	18,296.7	18,365.3	18,549.6	18,622.3	18,932.1	19,708.0	20,091.5
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	31,625.3	38,000.2	36,762.3	31,616.9	27,418.5	31,857.2	32,348.1	28,618.0	31,734.3	33,582.0
Viet Nam	43,400.4	44,076.1	44,972.8	45,215.7	45,640.0	42,763.7	43,443.4	42,301.1	43,878.1	43,543.7
ASEAN	206,389.6	214,822.6	216,015.7	214,704.4	214,011.8	218,155.2	193,659.0	187,515.3	192,674.4	199,134.8

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

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

Chart 10.1. Paddy Production of Five Major Paddy Producers in ASEAN, 2012-2021



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

Table 10.4. Maize Production in ASEAN, 2012-2021

(in thousand metric ton)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	-	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.5
Cambodia	940.4	843.0	926.9	549.4	560.6	662.8	1,303.8	985.1	821.80	791.51
Indonesia	19,387.0	18,509.0	19,008.4	19,833.3	23,578.4	28,924.0	21,655.2	23,951.0	23,172.07	23,342.44
Lao PDR	1,125.5	1,214.1	1,412.4	1,516.3	1,530.3	1,203.1	768.0	547.9	535.37	649.2
Malaysia	52.5	86.5	59.2	62.5	64.9	72.6	76.4	-	-	-
Myanmar	1,485.0	1,525.7	1,626.3	1,720.6	1,855.0	1,831.0	1,984.5	1,986.1	2,072.9	2,274.61
Philippines	7,407.1	7,377.3	7,770.6	7,553.0	7,813.4	8,087.0	7,608.5	8,030.0	8,280.00	8,462.0
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	4,808.8	5,061.1	4,715.3	4,620.0	4,691.0	4,601.2	4,812.4	4,703.0	4,995.17	4,937.8
Viet Nam	4,797.3	5,193.4	5,200.4	5,280.7	5,251.8	5,109.8	4,756.7	4,732.2	4,405.82	4,435.4
ASEAN	40,003.5	39,810.1	40,719.5	41,135.6	45,345.3	50,491.3	42,965.4	44,935.6	44,283.6	44,893.4

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, 2012-2021

(in thousand metric ton)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	119.8	131.0	131.1	104.2	70.8	73.3	91.8	30.0	16.2	17.8
Indonesia	843.0	780.0	955.0	983.0	969.5	538.7	650.0	424.2	290.8	215.0
Lao PDR	6.4	13.9	17.0	17.6	17.9	8.0	5.1	4.6	6.3	6.5
Malaysia	-	-	-	-	-	-	-	-	-	-
Myanmar	236.9	237.9	234.9	228.9	246.2	214.8	207.0	204.4	194.6	192.5
Philippines	0.6	0.8	0.7	0.6	0.6	0.7	0.7	0.5	0.5	0.4
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	84.7	52.7	55.9	42.4	37.8	41.2	43.6	35.5	30.8	23.5
Viet Nam	177.6	168.4	156.5	146.4	137.7	101.9	75.9	77.3	60.2	63.6
ASEAN	1,468.9	1,384.8	1,551.2	1,523.1	1,480.5	978.5	1,073.9	776.6	599.5	519.3

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

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

Table 10.6. Sugarcane Production in ASEAN, 2012-2021

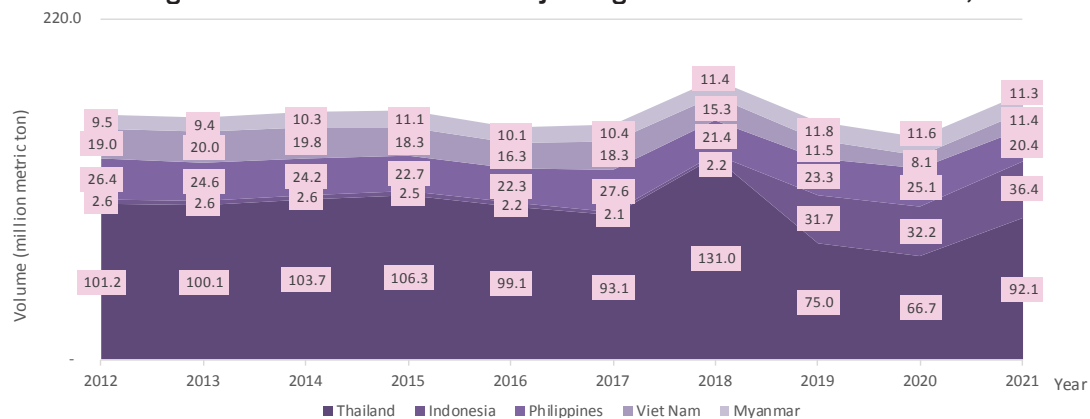
(in thousand metric ton)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	-	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Cambodia	-	730.0	911.3	709.1	740.9	629.3	691.9	673.8	680.7	682.7
Indonesia	2,592.0	2,551.0	2,579.2	2,498.0	2,223.0	2,121.7	2,171.0	31,734.2	32,153.2	36,447.3
Lao PDR	1,055.7	865.1	1,840.5	2,018.7	2,019.0	1,764.4	1,109.4	1,191.2	1,141.2	1,345.0
Malaysia	49.4	98.9	9.2	30.3	28.0	30.0	29.4	0.0	-	-
Myanmar	9,537.4	9,413.1	10,307.4	11,128.4	10,142.4	10,437.1	11,397.2	11,846.2	11,560.3	11,333.4
Philippines	26,395.9	24,584.8	24,175.3	22,654.0	22,349.8	27,599.8	21,359.9	23,297.8	25,134.6	20,449.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	101,165.0	100,095.6	103,697.0	106,327.8	99,100.2	93,088.5	131,002.2	74,968.1	66,725.5	92,095.8
Viet Nam	18,984.0	20,018.4	19,827.7	18,320.8	16,313.2	18,319.2	15,265.7	11,534.5	8,074.2	11,403.7
ASEAN	159,779.4	158,357.0	163,347.5	163,687.1	152,916.4	153,989.9	183,026.6	155,246.0	145,469.7	173,757.4

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

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

Chart 10.2. Sugarcane Production of Five Major Sugarcane Producers in ASEAN, 2012 - 2021



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

Table 10.7. Cassava Production in ASEAN, 2012-2021

(in thousand metric ton)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	3.0	3.0	3.0	3.2	3.2	3.3	3.3	0.3	0.3	0.3
Cambodia	6,000.0	7,632.0	7,933.4	11,944.5	13,222.3	13,386.7	13,512.8	12,684.0	13,064.5	14,931.9
Indonesia	24,177.0	23,937.0	23,436.4	22,906.1	20,260.7	19,045.6	16,350.4	17,486.9	15,731.0	17,994.5
Lao PDR	1,060.9	1,254.2	1,629.8	2,382.5	2,410.0	2,277.1	3,320.1	4,634.4	4,648.8	3,880.0
Malaysia	41.0	-	51.9	57.1	62.8	44.2	42.3	37.5	39.4	42.8
Myanmar	729.9	578.6	524.2	484.9	509.3	426.3	394.6	392.4	396.2	326.3
Philippines	2,223.2	2,361.6	2,540.3	2,714.1	2,857.9	2,792.0	2,634.1	2,603.4	2,539.8	2,571.5
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	29,848.5	30,227.5	30,022.1	32,357.7	31,807.5	30,935.5	31,080.0	28,999.1	35,094.5	34,690.9
Viet Nam	9,691.8	9,742.5	10,211.1	10,673.7	10,200.9	11,263.2	10,105.9	10,487.8	10,697.3	10,911.3
ASEAN	73,775.3	75,736.4	76,352.1	83,523.9	81,334.5	80,173.9	77,443.4	77,325.8	82,211.7	85,349.5

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. Growth Rate of ASEAN Five Major Food Commodities, 2012-2021

(in percent)

Products	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average Annual Growth 2012-2021
Paddy	3.3	4.1	0.6	-0.6	-0.3	1.9	-11.2	-3.2	2.8	3.4	0.1
Maize	0.0	-0.5	2.3	1.0	10.2	11.3	-14.9	4.6	-1.5	1.4	1.4
Soybean	-8.8	-5.7	12.0	-1.8	-2.8	-33.9	9.8	-27.7	-22.8	-13.4	-9.5
Sugarcane	33.6	-0.9	3.2	0.2	-6.6	0.7	18.9	-15.2	-6.3	19.4	4.7
Cassava	10.6	2.7	0.8	9.4	-2.6	-1.4	-3.4	-0.2	6.3	3.8	2.6

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

Chart 10.3. Growth Rate of ASEAN Five Major Food Commodities, 2012-2021

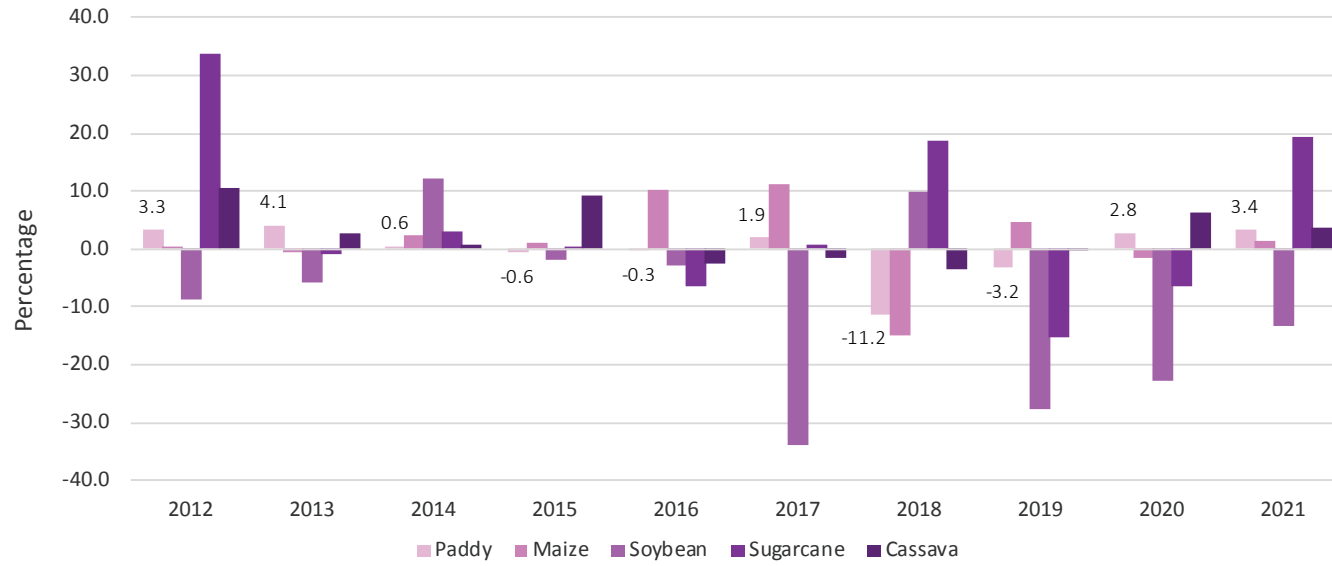


Table 10.9. Production of Selected Agricultural Products in ASEAN, 2019

(in thousand metric ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Cereals, Total	1.5	11,781.0	77,190.0	4,328.1	2,413.4	28,682.6	26,794.3	-	33,610.0	48,231.5	233,032.4
Wheat	-	-	-	-	-	110.7	-	-	1.4	-	112.1
Coconuts	0.4	69.3	17,074.5	-	536.6	530.5	14,765.1	0.1	866.4	1,677.0	35,520.1
Total Fruit Primary	8.4	372.4	20,896.1	1,180.5	1,161.4	2,706.1	16,644.3	0.0	10,226.3	10,305.0	63,500.5
Bananas	1.9	140.2	7,280.7	761.6	325.4	-	6,049.6	-	1,297.6	2,194.2	18,051.2
Mangoes	-	64.5	3,294.8	4.7	81.2	8.7	754.0	-	1,643.1	1,157.9	7,008.9
Citrus Fruit	0.5	70.6	2,563.5	98.2	49.9	-	167.4	-	1,119.8	1,836.1	5,906.1
Other Crops											
Coffee, Green	-	0.4	741.7	171.4	3.6	8.8	60.0	-	26.4	1,686.8	2,699.0
Tea	-	-	128.7	8.4	6.6	132.5	-	-	96.5	234.1	606.8
Cocoa beans	-	-	774.2	-	1.0	-	8.5	-	0.1	-	783.8
Natural Rubber	0.3	287.6	3,448.8	130.0	639.8	264.9	431.7	-	4,840.0	1,182.5	11,225.5
Palm Oil Fruit	-	445.0	250,256.1	-	99,065.4	-	499.3	-	16,408.4	-	366,674.2
Sweet Potatoes	0.3	43.8	1,516.0	109.1	56.3	62.5	525.9	-	-	1,432.0	3,745.9
Groundnuts	-	20.0	1,175.0	38.5	0.3	1,615.7	29.3	-	31.1	442.6	3,352.5

Source:
FAOSTAT databaseNote:
'-' not available at the time of publication

Table 10.10. Production of Selected Agricultural Products in ASEAN, 2020

(in thousand metric ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Cereals, Total	2.5	11,910.0	77,149.2	4,837.3	2,389.8	27,552.6	27,414.0	-	35,507.8	47,320.5	234,083.8
Wheat	-	-	-	-	-	111.2	-	-	1.4	-	112.6
Coconuts	0.4	70.2	16,824.8	-	561.0	541.4	14,490.9	0.1	827.4	1,719.4	35,035.7
Total Fruit Primary	8.1	372.5	22,744.0	1,146.4	1,113.0	2,732.5	16,482.1	0.0	10,098.2	10,616.6	65,313.3
Bananas	1.7	139.8	8,182.8	706.1	313.0	-	5,955.3	-	1,360.7	2,191.4	18,850.7
Mangoes	-	64.7	3,617.3	4.7	74.0	10.0	753.1	-	1,657.6	1,224.6	7,406.0
Citrus Fruit	0.5	70.7	2,723.0	98.7	48.8	-	149.3	-	1,116.7	1,983.3	6,191.0
Other Crops											
Coffee, Green	-	0.4	773.4	185.7	4.2	8.8	60.6	-	22.5	1,763.5	2,819.2
Tea	-	-	138.3	9.6	9.4	126.5	-	-	97.7	240.5	622.0
Cocoa beans	-	-	739.5	-	0.7	-	9.3	-	0.1	-	749.6
Natural Rubber	0.3	349.3	3,366.4	154.2	514.7	259.5	422.4	-	4,703.2	1,226.1	10,996.1
Palm Oil Fruit	-	266.9	256,528.6	-	96,969.3	-	493.1	-	15,656.6	-	369,914.5
Sweet Potatoes	0.3	43.7	1,487.0	110.7	53.4	62.8	546.9	-	-	1,372.8	3,677.7
Groundnuts	-	20.0	860.0	42.4	0.2	1,647.1	29.4	-	29.3	425.4	3,053.8

Source:
FAOSTAT databaseNote:
'-' not available at the time of publication

Chart 10.4. Trend of Livestock and Poultry Meat Production in ASEAN, 2017-2020

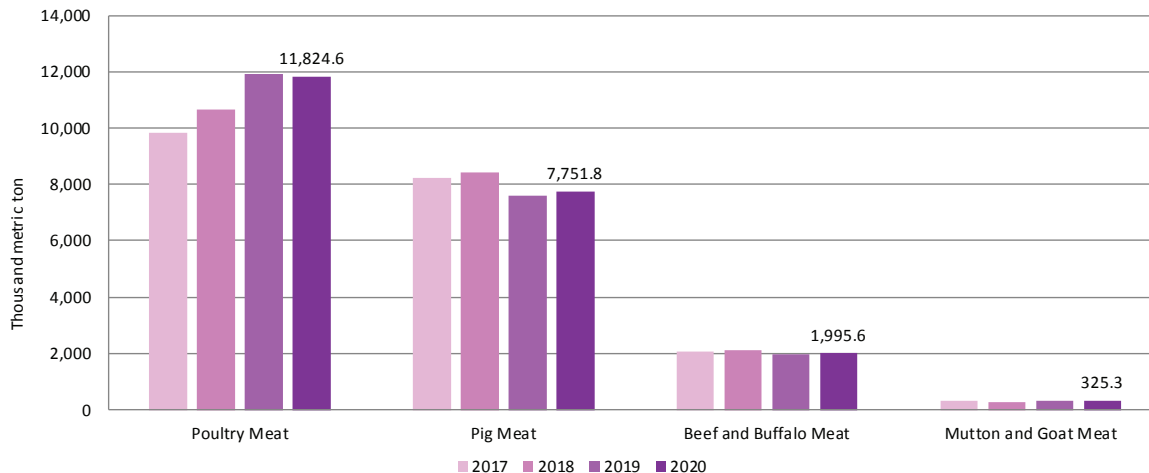
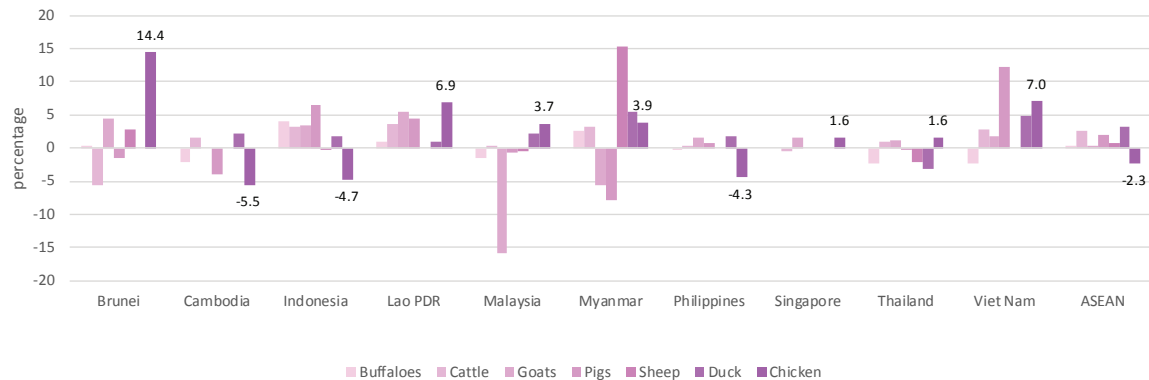


Chart 10.5. Growth Rate of Livestock and Poultry Population in ASEAN, 2020



Source: FAOSTAT database

Table 10.11. Livestock and Poultry Population in ASEAN, 2017-2020

(head/ thousand head)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2020											
Livestock Population (Head)											
Buffaloes	2,300	639,922	1,179,342	1,234,000	100,242	4,125,140	2,865,715	-	923,533	2,332,754	13,402,948
Cattle	583	2,804,185	17,466,792	2,188,000	659,317	18,885,801	2,541,959	174	4,641,249	6,230,519	55,418,579
Goats	6,110	-	19,096,381	682,000	312,571	10,341,291	3,813,454	740	466,423	2,654,573	37,373,543
Pigs	762	1,901,967	9,069,892	4,298,000	1,876,029	19,192,640	12,795,721	-	7,536,066	22,027,858	78,698,935
Sheep	4,574	-	17,769,084	-	121,173	1,593,783	30,000	-	39,782	-	19,558,396
Poultry Population (Thousand Head)											
Chicken	19,437	12,472	3,560,079	46,624	295,587	348,658	178,265	3,912	285,764	409,500	5,160,298
Duck	231	8,878	58,243	3,646	9,590	31,853	11,794	-	14,085	86,563	224,883
2019											
Livestock Population (Head)											
Buffaloes	2,292	653,583	1,133,815	1,222,000	101,695	4,022,440	2,873,561	-	946,176	2,387,887	13,343,449
Cattle	617	2,761,869	16,930,025	2,110,000	657,407	18,311,089	2,535,414	175	4,600,000	6,060,024	53,966,620
Goats	5,851	-	18,463,115	647,000	371,747	10,949,833	3,755,879	728	460,628	2,609,198	37,263,979
Pigs	773	1,981,579	8,520,947	4,115,000	1,888,460	20,835,387	12,709,248	-	7,555,230	19,615,526	77,222,150
Sheep	4,446	-	17,833,732	-	121,677	1,381,692	30,000	-	40,643	-	19,412,190
Poultry Population (Thousand Head)											
Chicken	16,983	13,200	3,735,485	43,600	285,064	335,560	186,370	3,850	281,271	382,597	5,283,980
Duck	231	8,696	57,229	3,610	9,376	30,188	11,577	-	14,545	82,536	217,988

Source:
FAOSTAT database

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

Table 10.11. Livestock and Poultry Population in ASEAN, 2017-2020 (Continued)

(head/ thousand head)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2018											
Livestock Population (Head)											
Buffaloes	2,942	660,424	1,395,191	1,189,000	119,264	3,747,493	2,881,894	-	1,253,518	2,491,662	13,741,388
Cattle	770	2,899,347	16,599,247	1,984,000	744,174	17,148,450	2,547,614	180	4,680,000	5,654,901	52,258,683
Goats	8,689	-	18,410,379	588,000	431,258	4,538,790	3,710,348	733	467,502	2,556,268	30,711,967
Pigs	1,300	1,955,321	8,138,276	3,869,000	1,647,594	13,145,991	12,427,790	-	7,882,009	27,406,739	76,474,020
Sheep	4,538	-	16,462,274	-	137,872	1,314,303	30,000	-	40,984	-	17,989,971
Poultry Population (Thousand Head)											
Chicken	17,051	13,508	2,175,612	36,960	308,255	313,303	175,317	3,669	277,081	295,209	3,615,965
Duck	235	8,795	49,709	3,540	10,354	19,236	10,842	-	13,007	74,948	190,666
2017											
Livestock Population (Head)											
Buffaloes	2,942	655,498	1,395,191	1,189,000	119,264	3,746,870	2,881,894	-	996,307	2,491,662	13,478,628
Cattle	770	2,962,211	16,599,247	1,984,000	744,174	17,147,467	2,547,614	174	4,680,000	5,654,901	52,320,558
Goats	7,283	-	18,410,379	588,000	431,258	8,132,928	3,710,348	735	469,399	2,556,268	34,306,598
Pigs	1,300	1,926,137	8,138,276	3,869,000	1,647,594	17,999,257	12,427,790	-	7,872,047	27,406,739	81,288,140
Sheep	4,528	-	16,462,274	-	137,872	1,653,994	30,000	-	40,918	-	18,329,586
Poultry Population (Thousand Head)											
Chicken	17,051	13,827	2,175,612	36,960	308,255	312,554	175,317	3,642	273,545	295,209	3,611,972
Duck	236	8,827	49,709	3,566	10,354	24,823	10,842	-	12,890	74,948	196,195

Source:
FAOSTAT databaseNote:
'-' not available at the time of publication

Table 10.12. Livestock and Poultry Meat Production in ASEAN, 2017-2020

(in thousand metric ton)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2020											
Livestock production											
Beef and Buffalo Meat	2.4	61.2	540.5	59.0	43.5	511.7	174.8	0.0	132.0	470.3	1,995.6
Pig meat	0.0	93.2	241.4	97.6	221.3	1,127.1	1,499.9	27.8	893.5	3,550.1	7,751.8
Mutton and Goat Meat	0.1	-	136.7	2.7	4.0	126.7	31.7	0.0	2.0	21.3	325.3
Poultry production											
Poultry meat	26.6	27.2	3,752.2	40.6	1,597.5	1,699.8	1,418.0	99.8	1,843.8	1,319.2	11,824.6
Total meat production	29.1	181.6	4,673.5	199.9	1,866.5	3,465.4	3,141.6	127.6	2,871.3	5,388.9	21,897.4
2019											
Livestock production											
Beef and Buffalo Meat	1.6	61.8	529.6	57.2	44.0	483.2	200.6	0.0	162.9	449.8	1,990.7
Pig meat	0.0	93.0	236.3	93.1	222.8	1,092.7	1,607.7	22.9	895.4	3,328.8	7,592.6
Mutton and Goat Meat	0.0	-	142.9	2.6	4.2	135.3	33.7	0.0	2.0	21.0	341.8
Poultry production											
Poultry meat	24.8	27.9	3,975.5	38.2	1,655.3	1,644.0	1,508.9	99.8	1,804.4	1,144.6	11,923.4
Total meat production	26.5	182.6	4,886.8	191.1	1,926.5	3,355.3	3,368.2	122.7	2,864.7	4,971.7	21,848.5
2018											
Livestock production											
Beef and Buffalo Meat	0.7	66.7	563.2	53.4	51.3	469.9	310.7	0.0	151.7	426.6	2,094.2
Pig meat	0.1	86.5	327.2	70.3	186.0	1,063.1	1,873.1	18.5	999.2	3,816.4	8,440.4
Mutton and Goat Meat	0.1	-	115.5	2.0	3.2	99.5	60.7	0.0	2.1	9.0	292.0
Poultry production											
Poultry meat	25.3	27.3	2,588.2	30.8	1,873.0	1,896.4	1,379.8	106.8	1,779.8	947.0	10,654.4
Total meat production	26.1	180.5	3,594.1	156.5	2,113.5	3,528.8	3,624.3	125.3	2,932.9	5,199.0	21,481.0

Source:
FAOSTAT database

Note:
‘-’ not available at the time of publication

Table 10.12. Livestock and Poultry Meat Production in ASEAN, 2017-2020 (Continued)

(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	0.9	67.5	564.0	54.4	49.6	479.6	311.0	0.0	135.2	409.6	2,071.9
Pig meat	0.1	96.3	344.2	69.9	194.4	922.7	1,837.2	20.7	994.4	3,733.3	8,213.3
Mutton and Goat Meat	0.1	-	124.8	1.9	4.6	97.8	60.0	0.0	2.1	9.3	300.7
Poultry production											
Poultry meat	23.3	27.5	2,301.4	30.6	1,724.4	1,653.4	1,302.0	100.4	1,788.3	891.6	9,842.8
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

Source:
FAOSTAT databaseNote:
'-': not available at the time of publication

Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs, 2012-2021

(in million US\$)

No	Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average Annual Growth 2012-2021
01	Rice, including husked and broken rice	8,836.3	7,830.5	9,050.0	8,161.6	7,093.2	8,911.3	9,365.4	7,911.2	7,869.4	7,619.2	(2.4)
02	Banana, fresh	678.1	1,003.3	1,223.3	564.6	965.1	1,475.7	1,797.5	2,813.1	2,544.8	1,871.4	21.2
03	Pineapple Production excluding fresh	942.9	848.2	888.3	1,139.9	1,135.2	1,088.6	757.7	711.4	865.2	1,072.0	1.5
04	Mangoes pineapple fresh, including guava, mangosteen, etc	362.5	510.3	615.8	508.2	662.9	946.7	962.7	1,495.1	1,280.9	1,349.3	18.6
05	Oil of palm	33,546.8	28,768.7	29,859.8	25,030.9	23,608.7	28,570.5	25,574.9	23,306.2	27,473.5	41,890.2	3.5
06	Coconut oil	2,165.9	1,624.1	2,413.6	2,167.4	2,179.9	2,590.6	1,957.6	1,561.8	1,617.9	2,547.0	3.1
07	Cake of coconuts	187.3	290.4	178.0	120.8	96.1	102.2	120.2	102.2	83.7	110.1	7.8
08	Soybeans	23.8	20.8	50.5	20.8	23.2	20.4	11.1	14.6	17.9	12.5	5.7
09	Sugar and honey	2,736.1	2,974.9	2,663.4	2,905.1	3,608.7	3,455.8	3,002.0	2,703.9	2,544.5	2,767.2	(4.3)
10	Coffee, green, husk, roasted	4,312.3	3,546.5	4,006.1	3,532.1	4,050.4	4,076.7	3,876.5	3,238.7	2,959.1	3,181.8	(1.4)
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	4,812.5	5,164.7	5,966.0	4,341.0	4,850.0	5,882.1	5,198.9	5,176.1	5,130.1	5,619.5	1.5
12	Tobacco	2,512.7	2,801.2	3,070.9	3,197.7	3,186.4	3,173.2	3,374.8	3,585.0	2,730.2	2,703.8	1.5
13	Crude Rubber	22,399.2	20,400.2	14,200.6	11,290.4	10,087.9	13,999.5	10,966.6	10,382.6	9,003.3	13,160.6	(5.7)
14	Fertilizers, manufactured	1,886.3	1,947.1	1,638.3	1,234.9	1,108.7	1,407.5	1,678.6	1,818.4	1,948.8	2,808.6	6.4
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	45.3	82.3	68.7	78.9	68.9	81.9	88.8	89.4	71.2	74.4	8.5

Source:
ASEAN Secretariat

Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs, 2012-2021

(in million US\$)

No	Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average Annual Growth 2012-2021
01	Rice, including husked and broken rice	2,359.2	1,320.8	1,768.3	1,708.4	1,497.2	1,189.3	2,669.5	2,148.8	2,234.2	3,101.0	8.2
02	Banana, fresh	32.5	40.4	45.9	48.2	50.4	57.6	73.1	103.3	80.1	74.3	12.6
03	Pineapple Production excluding fresh	11.3	12.3	12.8	14.5	17.5	17.2	11.3	10.6	18.4	14.6	5.2
04	Mangoes pineapple fresh, including guava, mangosteen, etc	181.0	248.9	310.0	259.5	298.8	473.4	458.6	439.4	305.7	329.4	11.8
05	Oil of palm	3,259.6	1,660.6	1,509.9	1,569.2	1,118.5	1,264.1	1,383.4	1,465.0	2,207.5	3,923.2	6.1
06	Coconut oil	286.5	175.8	289.2	278.0	286.7	295.9	286.8	235.7	308.8	515.4	9.1
07	Cake of coconuts	35.1	40.1	19.4	25.5	20.6	28.4	21.0	17.1	16.0	19.7	0.1
08	Soybeans	3,317.1	3,275.1	3,492.3	3,292.2	3,237.2	3,393.6	3,127.7	3,421.6	3,780.0	5,528.2	6.2
09	Sugar and honey	1,481.5	1,506.5	1,548.7	1,982.1	3,822.7	2,602.6	2,407.1	2,035.9	2,379.9	2,894.0	4.4
10	Coffee, green, husk, roasted	553.2	500.4	505.0	506.0	548.3	625.7	767.4	665.5	648.2	640.1	3.9
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	669.4	766.1	1,108.3	888.1	851.6	1,113.8	1,102.9	1,060.3	981.7	1,259.8	8.2
12	Tobacco	2,669.3	2,830.9	2,737.6	2,562.8	2,738.3	2,857.9	3,125.3	2,878.4	2,480.5	2,531.4	0.7
13	Crude Rubber	3,165.2	2,884.9	2,101.7	1,628.8	1,484.1	2,299.6	1,791.1	1,863.1	2,323.5	3,898.4	6.0
14	Fertilizers, manufactured	9,599.2	8,401.4	7,594.0	7,334.5	6,044.4	6,570.7	6,646.1	6,223.0	5,787.2	8,638.4	0.4
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	123.8	119.4	124.6	115.8	119.7	147.9	163.6	210.8	218.1	208.0	7.2

Source:
ASEAN Secretariat

Table 10.15. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2020

(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	471.3	1.0	52.7	23.2	773.2	0.6	46.4	3,710.0	2,791.0	7,869.4
02	Banana, fresh	-	113.0	5.7	227.4	8.7	367.4	1,644.3	0.0	16.1	162.2	2,544.8
03	Pineapple Production excluding fresh	-	0.1	232.3	-	7.4	0.2	239.9	7.5	348.4	29.3	865.2
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0.1	3.6	86.4	0.4	19.3	20.4	384.1	3.8	578.9	183.9	1,280.9
05	Oil of palm	0.0	27.9	17,363.9	-	9,806.4	-	15.0	47.8	157.9	54.6	27,473.5
06	Coconut oil	-	-	545.4	-	210.4	0.0	817.4	3.9	9.7	31.0	1,617.9
07	Cake of coconuts	-	-	32.4	-	4.1	-	44.2	0.7	0.8	1.5	83.7
08	Soybeans	-	0.0	0.5	2.2	6.4	7.0	0.0	0.4	1.1	0.4	17.9
09	Sugar and honey	0.1	43.4	307.3	43.9	286.6	112.9	34.3	76.2	1,368.6	271.1	2,544.5
10	Coffee, green, husk, roasted	0.0	0.0	819.9	85.8	34.8	1.8	1.6	35.9	3.0	1,976.3	2,959.1
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	5.6	0.1	1,606.5	-	250.1	177.0	37.1	14.6	781.1	2,258.0	5,130.1
12	Tobacco	-	13.0	1,085.1	39.0	78.1	46.2	441.4	665.1	166.9	195.4	2,730.2
13	Crude Rubber	-	273.8	3,011.7	214.6	784.6	219.7	96.7	91.6	3,524.9	785.7	9,003.3
14	Fertilizers, manufactured	-	0.1	691.9	138.7	586.5	0.0	22.7	14.3	172.6	321.9	1,948.8
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.0	0.4	11.8	-	12.9	-	0.1	21.9	20.9	3.2	71.2

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, 2020

(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	41.3	7.2	195.4	37.0	586.2	1.9	921.8	297.7	18.4	127.4	2,234.2
02	Banana, fresh	4.8	0.0	0.0	0.0	14.8	0.0	0.1	32.4	12.6	15.2	80.1
03	Pineapple Production excluding fresh	0.4	0.0	0.0	0.0	3.7	0.1	0.2	9.6	4.1	0.2	18.4
04	Mangoes pineapple fresh, including guava, mangosteen, etc	6.2	0.6	82.1	0.2	96.9	0.3	0.6	72.7	24.6	21.4	305.7
05	Oil of palm	3.2	4.4	0.9	1.4	666.7	645.3	55.9	132.7	2.1	694.7	2,207.5
06	Coconut oil	0.1	-	41.6	0.2	217.0	0.2	0.7	29.6	12.2	7.2	308.8
07	Cake of coconuts	-	-	0.1	0.0	4.2	-	-	0.1	-	11.5	16.0
08	Soybeans	0.6	0.7	1,003.4	0.5	307.3	9.3	68.7	14.3	1,603.0	772.2	3,780.0
09	Sugar and honey	10.0	49.4	428.6	42.7	197.7	63.7	389.6	257.3	251.7	689.2	2,379.9
10	Coffee, green, husk, roasted	0.9	3.6	38.2	0.0	249.2	0.5	83.1	60.7	127.0	85.0	648.2
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	8.9	0.6	77.4	1.5	143.3	0.8	9.2	161.0	178.4	400.5	981.7
12	Tobacco	0.0	226.8	617.0	34.5	202.0	7.9	275.2	613.1	273.9	230.1	2,480.5
13	Crude Rubber	0.0	2.9	53.8	3.2	1,474.5	0.5	22.5	119.0	3.0	644.1	2,323.5
14	Fertilizers, manufactured	1.3	199.6	1,265.3	69.4	761.0	380.4	705.0	14.4	1,508.5	882.5	5,787.2
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.5	41.1	33.4	0.3	24.3	0.7	20.2	11.8	51.3	34.5	218.1

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, 2021

(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	0.1	422.5	2.6	35.2	39.0	670.7	0.6	66.3	3,376.0	3,006.3	7,619.2
02	Banana, fresh	0.0	168.1	6.1	238.3	10.0	164.2	1,036.3	0.0	177	230.6	1,871.4
03	Pineapple Production excluding fresh	0.0	-	285.1	-	4.7	2.2	267.2	8.5	454.7	49.7	1,072.0
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0.0	10.6	77.8	4.7	18.3	11.5	319.6	3.3	690.8	212.7	1,349.3
05	Oil of palm	-	51.2	26,755.1	-	14,175.3	0.0	21.9	88.5	709.0	89.2	41,890.2
06	Coconut oil	0.0	-	959.2	-	293.6	0.0	1,247.0	6.6	8.5	32.0	2,547.0
07	Cake of coconuts	-	-	46.0	-	0.9	-	59.3	0.4	2.2	1.4	110.1
08	Soybeans	0.1	0.0	0.7	1.4	6.0	1.8	0.0	0.4	0.6	1.6	12.5
09	Sugar and honey	0.2	50.2	527.3	67.7	319.0	36.0	49.5	88.3	1,400.0	229.0	2,767.2
10	Coffee, green, husk, roasted	0.0	0.0	856.8	89.9	27.0	2.9	0.3	46.1	3.7	2,155.0	3,181.8
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	31.0	0.1	1,711.6	-	304.2	166.1	50.6	21.1	903.5	2,431.3	5,619.5
12	Tobacco	-	10.2	1,086.3	37.5	50.2	35.2	439.0	672.1	210.9	162.6	2,703.8
13	Crude Rubber	-	399.0	4,017.0	280.1	1,101.9	289.3	146.0	132.4	5,589.8	1,205.3	13,160.6
14	Fertilizers, manufactured	0.0	0.0	853.2	148.4	951.0	-	16.5	17.4	283.9	538.1	2,808.6
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.0	1.0	9.3	-	14.5	-	0.0	19.6	26.9	3.0	74.4

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, 2021

(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	28.0	4.7	183.8	24.2	575.1	0.5	1,298.6	255.3	12.0	718.8	3,101.0
02	Banana, fresh	8.0	-	0.0	0.7	12.1	0.0	0.0	30.6	7.6	15.2	74.3
03	Pineapple Production excluding fresh	0.5	0.1	0.0	0.0	2.7	0.0	0.5	10.1	0.4	0.3	14.6
04	Mangoes pineapple fresh, including guava, mangosteen, etc	8.2	0.4	69.6	4.7	112.9	0.5	6.4	75.2	23.1	28.2	329.4
05	Oil of palm	3.8	5.2	0.7	0.8	1,152.3	869.6	651.3	195.6	0.4	1,043.4	3,923.2
06	Coconut oil	0.1	0.0	107.0	0.0	333.6	0.0	0.4	51.3	13.4	9.5	515.4
07	Cake of coconuts	-	-	0.1	0.0	1.0	-	0.8	0.4	-	17.4	19.7
08	Soybeans	5.9	3.8	1,482.8	0.2	439.1	9.8	115.5	17.9	2,271.1	1,181.9	5,528.2
09	Sugar and honey	9.0	61.1	476.4	62.0	284.4	58.9	456.8	320.5	343.1	821.9	2,894.0
10	Coffee, green, husk, roasted	1.1	3.3	32.7	0.0	247.9	0.2	85.1	67.2	128.3	74.4	640.1
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	10.9	1.1	108.9	0.9	164.0	1.1	12.2	189.4	278.6	492.8	1,259.8
12	Tobacco	0.0	181.6	681.2	28.8	139.9	8.5	306.4	650.6	290.8	243.5	2,531.4
13	Crude Rubber	0.0	2.5	111.0	5.0	1,773.5	0.8	29.3	132.4	4.3	1,839.7	3,898.4
14	Fertilizers, manufactured	1.2	270.1	2,098.8	72.5	1,264.5	348.8	924.5	17.9	2,289.0	1,351.0	8,638.4
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0.2	4.3	27.3	0.4	26.2	0.7	40.9	10.8	51.5	45.7	208.0

Source:
ASEAN Secretariat

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

Table 10.19. ASEAN Major Markets of Agricultural Export Commodities, 2020 and 2021

Major Markets	2020		Major Markets	2021	
	Value (million US\$)	Share (%)		Value (million US\$)	Share (%)
ASEAN	32,604.0	22.4	ASEAN	36,872.7	21.0
China	25,799.5	17.7	China	33,454.9	19.1
USA	17,326.3	11.9	USA	20,122.3	11.5
EU ¹⁾	12,721.1	8.7	EU ¹⁾	15,258.6	8.7
Japan	10,372.5	7.1	Japan	10,615.6	6.0
India	6,677.4	4.6	India	9,960.0	5.7
Korea, Republic of	3,612.4	2.5	Korea, Republic of	4,248.5	2.4
Australia	3,089.7	2.1	Pakistan	3,976.4	2.3
Pakistan	2,750.2	1.9	Australia	3,329.8	1.9
Hong Kong	2,623.6	1.8	Hong Kong	2,669.5	1.5
Top 10	117,576.7	80.8	Top 10	140,508.4	80.0
Others	27,933.8	19.2	Others	35,045.6	20.0
Total	145,510.5	100.0	Total	175,553.9	100.0

Source:
ASEAN Secretariat

Notes:
1) for 2020-2021 covers EU27

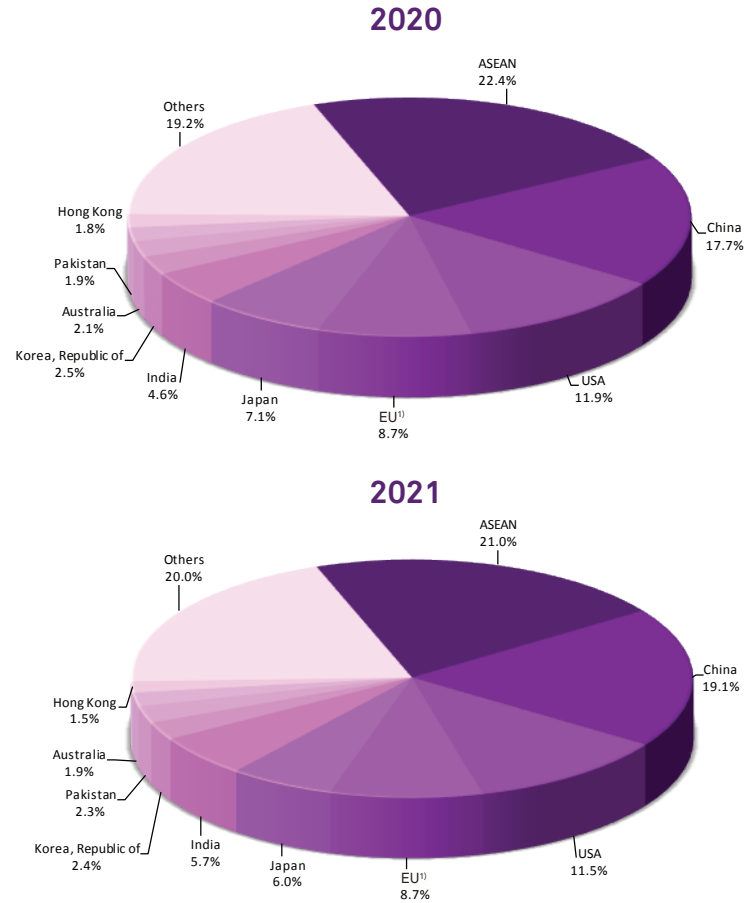
Table 10.20. ASEAN Major Origin of Agricultural Import Commodities, 2020 and 2021

Major Origin	2020		Major Origin	2021	
	Value (million US\$)	Share (%)		Value (million US\$)	Share (%)
ASEAN	28,262.1	27.0	ASEAN	35,680.6	27.4
USA	12,384.9	11.8	USA	14,098.1	10.8
China	11,109.9	10.6	China	12,446.1	9.6
EU ¹⁾	8,078.9	7.7	Australia	10,543.5	8.1
Argentina	6,947.0	6.6	EU ¹⁾	10,023.2	7.7
Brazil	6,863.6	6.6	Brazil	8,794.0	6.8
Australia	6,223.2	5.9	Argentina	8,013.8	6.2
India	4,253.1	4.1	India	7,038.3	5.4
New Zealand	3,039.2	2.9	New Zealand	3,396.6	2.6
Canada	1,749.1	1.7	Canada	1,877.3	1.4
Top 10	88,911.0	84.9	Top 10	111,911.4	86.0
Others	15,785.3	15.1	Others	18,188.6	14.0
Total	104,696.3	100.0	Total	130,099.9	100.0

Source:
ASEAN Secretariat

Notes:
1) for 2020-2021 covers EU27

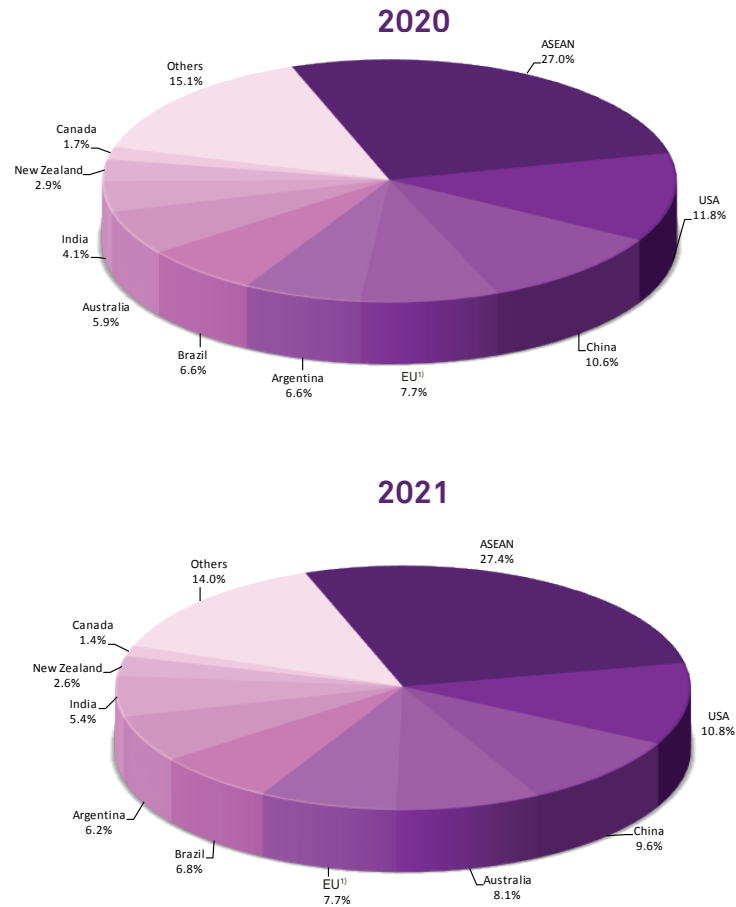
Chart 10.6. Share of ASEAN Major Markets of Agricultural Export Commodities, 2020 and 2021



Source:
ASEAN Secretariat

Notes:
1) for 2020-2021 covers EU27

Chart 10.7. Share of ASEAN Major Origin of Agricultural Import Commodities, 2020 and 2021



Source:
ASEAN Secretariat

Notes:
1) for 2020-2021 covers EU27

Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2018-2021

Selected Products/ 2021 Top 3 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Rice, husked and broken								
ASEAN	2,245.9	24.0	1,867.0	23.6	2,044.2	26.0	2,083.4	27.3
China	1,830.0	19.5	940.5	11.9	1,299.7	16.5	1,349.5	17.7
USA	543.8	5.8	636.7	8.0	718.6	9.1	519.2	6.8
Top 3	4,619.7	49.3	3,444.2	43.5	4,062.5	51.6	3,952.1	51.9
Banana, fresh								
China	766.5	42.6	1,430.2	50.8	1,317.9	51.8	1,121.9	60.0
Japan	491.6	27.3	723.7	25.7	724.1	28.5	458.1	24.5
Korea, Republic of	197.4	11.0	264.6	9.4	204.2	8.0	136.7	7.3
Top 3	1,455.5	81.0	2,418.4	86.0	2,246.2	88.3	1,716.7	91.7
Pineapple products								
USA	258.2	34.1	266.0	37.4	325.1	37.6	393.4	36.7
EU ¹⁾	196.2	25.9	159.7	22.5	197.0	22.8	260.1	24.3
Russia	28.5	3.8	25.9	3.6	36.6	4.2	54.8	5.1
Top 3	482.8	63.7	451.7	63.5	558.7	64.6	708.2	66.1
Palm Oil								
India	4,943.6	19.3	4,270.5	18.3	4,826.1	17.6	7,648.0	18.3
China	2,738.2	10.7	3,525.3	15.1	3,636.6	13.2	5,308.5	12.7
ASEAN	2,903.4	11.4	2,823.3	12.1	3,381.1	12.3	4,746.4	11.3
Top 3	10,585.2	41.4	10,619.0	45.6	11,843.8	43.1	17,703.0	42.3

Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2018-2021 (Continued)

Selected Products/ 2021 Top 3 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Coconut Oil								
EU ¹⁾	636.7	32.5	523.6	33.5	471.0	29.1	746.3	29.3
USA	586.5	30.0	414.9	26.6	328.9	20.3	541.9	21.3
ASEAN	221.2	11.3	226.4	14.5	270.9	16.7	397.3	15.6
Top 3	1,444.4	73.8	1,164.9	74.6	1,070.8	66.2	1,685.5	66.2
Shrimps, prawns, lobster, oth crust								
USA	1,427.0	27.4	1,411.3	27.3	1,578.1	30.8	1,863.4	33.2
China	821.5	15.8	1,066.2	20.6	924.7	18.0	932.8	16.6
Japan	919.6	17.7	881.3	17.0	804.7	15.7	824.6	14.7
Top 3	3,168.0	60.9	3,358.8	64.9	3,307.4	64.5	3,620.9	64.4
Tobacco								
ASEAN	2,282.3	67.6	2,389.0	66.6	1,791.8	65.6	1,792.2	66.3
EU ¹⁾	180.3	5.3	176.0	4.9	130.7	4.8	162.1	6.0
Korea, Republic of	104.5	3.1	132.0	3.7	136.9	5.0	118.5	4.4
Top 3	2,567.1	76.1	2,697.0	75.2	2,059.5	75.4	2,072.9	76.7
Crude Rubber								
China	3,133.7	28.6	2,906.7	28.0	2,651.1	29.4	3,345.5	25.4
ASEAN	1,159.7	10.6	1,171.0	11.3	1,314.1	14.6	1,773.8	13.5
EU ¹⁾	1,433.1	13.1	1,413.2	13.6	1,084.0	12.0	1,647.3	12.5
Top 3	5,726.5	52.2	5,491.0	52.9	5,049.1	56.1	6,766.6	51.4

Source:
ASEAN Secretariat

Notes:
1) Data for 2018-2019 covers EU28 while for 2020-2021 covers EU27

Table 10.22. ASEAN Major Origins of Selected Agricultural Import Commodities, 2018-2021

Selected Products/ 2021 Top 3 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Rice, husked and broken								
ASEAN	2,132.2	79.9	1,787.4	83.2	1,717.9	76.9	2,163.6	69.8
India	278.5	10.4	138.5	6.4	293.2	13.1	687.8	22.2
China	51.8	1.9	29.6	1.4	74.5	3.3	69.4	2.2
Top 3	2,462.5	92.2	1,955.5	91.0	2,085.6	93.4	2,920.8	94.2
Banana, fresh								
ASEAN	66.6	91.1	98.4	95.2	76.1	95.0	70.7	95.2
India	2.1	2.9	2.2	2.2	1.4	1.8	1.7	2.4
Ecuador	2.8	3.8	2.3	2.2	2.1	2.7	1.4	1.9
Top 3	71.5	97.8	102.9	99.6	79.7	99.5	73.8	99.4
Pineapple products								
ASEAN	10.9	96.3	10.1	95.6	18.1	98.3	14.1	96.9
Japan	0.0	0.2	0.0	0.0	0.0	0.0	0.2	1.5
China	0.2	1.7	0.3	3.0	0.2	0.9	0.1	1.0
Top 3	11.1	98.2	10.5	98.7	18.3	99.2	14.5	99.4
Palm Oil								
ASEAN	1,366.8	98.8	1,446.0	98.7	2,143.8	97.1	3,881.0	98.9
Papua New Guinea	16.2	1.2	16.0	1.1	62.3	2.8	40.0	1.0
Ecuador	-	-	-	-	0.3	0.0	0.9	0.0
Top 3	1,383.0	100.0	1,462.0	99.8	2,206.4	100.0	3,921.9	100.0

Table 10.22. ASEAN Major Origins of Selected Agricultural Import Commodities, 2018-2021 (Continued)

Selected Products/ 2021 Top 3 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Coconut Oil								
ASEAN	239.9	83.6	205.0	87.0	267.2	86.5	441.3	85.6
Papua New Guinea	24.8	8.7	14.6	6.2	25.5	8.2	53.7	10.4
Australia	1.2	0.4	2.2	0.9	3.5	1.1	5.6	1.1
Top 3	265.9	92.7	221.8	94.1	296.2	95.9	500.6	97.1
Shrimps, prawns, lobster, oth crust								
India	353.1	32.0	208.9	19.7	226.5	23.1	310.4	24.6
ASEAN	253.2	23.0	271.6	25.6	238.8	24.3	247.8	19.7
Ecuador	29.8	2.7	22.7	2.1	40.0	4.1	134.4	10.7
Top 3	636.1	57.7	503.3	47.5	505.3	51.5	692.7	55.0
Tobacco								
ASEAN	1,099.4	35.2	1,102.0	38.3	1,056.9	42.6	953.1	37.6
China	609.0	19.5	600.1	20.8	387.5	15.6	421.5	16.7
EU ¹⁾	228.2	7.3	166.6	5.8	170.9	6.9	184.0	7.3
Top 3	1,936.6	62.0	1,868.7	64.9	1,615.3	65.1	1,558.6	61.6
Crude Rubber								
ASEAN	1,400.9	78.2	1,418.8	76.2	1,689.6	72.7	3,307.8	84.8
Côte d'Ivoire	289.1	16.1	351.3	18.9	478.9	20.6	447.6	11.5
Liberia	14.3	0.8	18.2	1.0	14.8	0.6	38.8	1.0
Top 3	1,704.3	95.2	1,788.3	96.0	2,183.3	94.0	3,794.2	97.3

Source:
ASEAN Secretariat

Notes:
1) Data for 2018-2019 covers EU28 while for 2020-2021 covers EU27

Table 10.23. ASEAN Major Markets of Exports of Selected Agricultural Inputs, 2018-2021

Selected Products/ 2021 Top 5 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Fertiliser								
ASEAN	1,066.9	63.6	905.7	49.8	1,014.2	52.0	1,441.1	51.3
Australia	103.6	6.2	156.3	8.6	144.1	7.4	300.8	10.7
India	61.2	3.6	248.7	13.7	341.3	17.5	176.1	6.3
China	19.3	1.2	124.3	6.8	51.4	2.6	146.1	5.2
New Zealand	53.8	3.2	42.7	2.3	50.9	2.6	113.4	4.0
Top 5	1,304.9	77.7	1,477.7	81.3	1,601.8	82.2	2,177.4	77.5
Agriculture Pesticides								
ASEAN	57.0	64.2	53.8	60.3	41.4	58.1	42.5	57.1
China	4.5	5.1	7.0	7.9	4.6	6.4	5.6	7.6
India	3.6	4.0	5.6	6.2	4.8	6.8	4.8	6.5
Taiwan, Province of China	3.9	4.4	4.6	5.1	4.2	5.8	3.5	4.8
Saudi Arabia	1.3	1.5	1.7	2.0	3.0	4.2	3.5	4.7
Top 5	70.3	79.2	72.7	81.4	58.0	81.4	60.1	80.7

Source:
ASEAN Secretariat

Table 10.24. ASEAN Major Origins of Imports of Selected Agricultural Inputs, 2018-2021

Selected Products/ 2021 Top 5 Countries	2018		2019		2020		2021	
	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)	Value (million US\$)	Share (%)
Fertiliser								
China	1,491.2	22.4	1,529.7	24.6	1,467.6	25.4	2,319.3	26.8
ASEAN	1,114.9	16.8	1,024.2	16.5	967.9	16.7	1,474.7	17.1
Canada	772.1	11.6	643.2	10.3	637.8	11.0	1,060.5	12.3
Russia	761.2	11.5	660.1	10.6	587.7	10.2	811.1	9.4
Belarus	409.7	6.2	379.0	6.1	282.2	4.9	498.6	5.8
Top 5	4,549.2	68.4	4,236.2	68.1	3,943.2	68.1	6,164.2	71.4
Agriculture Pesticides								
China	67.6	41.3	86.6	41.1	101.1	46.4	82.3	39.6
ASEAN	36.3	22.2	47.1	22.4	42.1	19.3	38.3	18.4
EU ¹⁾	15.3	9.3	18.4	8.7	21.4	9.8	23.5	11.3
USA	6.3	3.9	16.2	7.7	13.0	6.0	15.1	7.3
Japan	3.7	2.3	7.8	3.7	6.9	3.2	12.2	5.9
Top 5	129.2	79.0	176.2	83.6	184.6	84.6	171.5	82.5

Source:
ASEAN Secretariat

Notes:
1) Data for 2017-2019 covers EU28 while for 2020 covers EU27

Table 10.25. ASEAN Exports of Fishery Products by 4 digit HS Code, 2012-2021

(in million US\$)

Year	HS Code								Total
	0301	0302	0303	0304	0305	0306	0307	0308	
	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	
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	5,198.9	1,712.0	75.2	13,564.1
2019	263.8	503.0	1,399.4	3,822.5	492.1	5,176.1	1,622.1	117.8	13,396.8
2020	214.5	472.2	1,583.8	3,237.3	561.7	5,130.1	1,549.8	99.0	12,848.3
2021	313.2	402.5	1,456.2	3,638.9	495.2	5,619.5	1,694.5	101.1	13,721.0

Source:
ASEAN Secretariat

Note:
* - not available at the time of publication

Table 10.26. ASEAN Exports of Fishery Products, by ASEAN Member States, 2012-2021

(in million US\$)

Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
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	734.2	476.9	282.4	1,900.4	6,407.6	13,564.1
2019	6.0	0.4	3,268.8	0.0	648.6	771.0	411.2	236.3	1,849.3	6,205.1	13,396.8
2020	6.9	0.4	3,513.1	0.0	619.3	830.2	361.9	177.7	1,567.7	5,771.0	12,848.3
2021	33.1	0.4	3,707.4	0.0	680.0	730.6	334.7	224.2	1,705.6	6,304.9	13,721.0

Source:
ASEAN Secretariat

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

Table 10.27. ASEAN Imports of Fishery Products by 4 digit HS Code, 2012-2021

(in million US\$)

Year	HS Code								Total
	0301	0302	0303	0304	0305	0306	0307	0308	
	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	
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	62.4	530.3	3,022.9	516.1	133.3	940.9	729.4	35.6	5,970.9
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
2019	105.1	743.7	3,672.7	758.8	133.6	1,060.3	1,091.3	73.1	7,638.7
2020	88.1	719.4	3,583.4	652.1	106.8	981.7	1,046.7	61.1	7,239.2
2021	118.8	868.7	3,812.6	770.8	126.7	1,259.8	1,176.1	70.0	8,203.4

Source:
ASEAN Secretariat

Note:
* - not available at the time of publication

Table 10.28. ASEAN Imports of Fishery Products by ASEAN Member States, 2012-2021

(in million US\$)

Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2012	31.1	0.7	207.9	1.7	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	1.3	774.6	2.1	395.9	790.5	2,728.8	1,006.6	5,970.9
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
2019	41.9	4.4	299.1	2.3	964.7	9.2	646.8	828.8	3,269.4	1,572.1	7,638.7
2020	36.1	6.2	256.8	4.8	922.4	10.9	494.1	705.1	3,208.5	1,594.2	7,239.2
2021	49.1	19.6	333.4	4.4	1,112.1	5.4	669.9	804.4	3,408.4	1,796.7	8,203.4

Source:
ASEAN Secretariat

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

Chapter 11

MANUFACTURING



Table 11.1. The Share of Manufacturing Industry to GDP, Employment, Exports and Imports in ASEAN, 2019-2021

(in percent)

Country	Manufacturing share to GDP ¹⁾			Employment Share ²⁾			Exports Share			Imports Share		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Brunei Darussalam	13.6	15.8	18.5	4.3	4.3	9.1	8.7	18.3	21.1	55.4	52.1	30.4
Cambodia	16.3	16.2	17.9	16.7	-	-	95.1	95.3	94.5	81.6	82.6	85.4
Indonesia	19.7	19.9	19.3	14.9	13.6	14.3	58.3	59.7	55.7	74.2	74.6	71.8
Lao PDR	7.6	8.4	8.4	-	-	-	41.1	41.7	42.2	66.7	66.0	68.5
Malaysia	21.4	22.3	23.5	21.0	19.9	16.6	75.8	78.3	76.8	75.8	77.2	76.7
Myanmar	24.8	25.5	25.6	10.4	-	-	51.0	50.7	49.5	67.6	70.8	61.1
Philippines	18.5	17.7	17.7	8.5	8.1	7.9	87.1	86.6	87.1	74.4	75.7	72.5
Singapore	19.4	20.0	21.1	9.6	9.6	9.3	78.6	82.9	81.3	74.0	79.8	76.0
Thailand	25.6	25.5	27.0	18.1	17.7	15.7	81.6	81.9	81.7	77.5	78.2	77.5
Viet Nam	16.5	16.7	25.1	22.5	23.1	22.8	86.4	88.2	88.4	84.0	85.5	84.0
Total in percent							77.5	79.8	78.1	76.7	79.2	77.0
Total in Million US \$							1,104,778.5	1,116,693.5	1,338,613.4	1,069,441.8	1,010,172.1	1,254,086.2

Source:
ASEAN Secretariat

Note:

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 11.2. Number of Establishments by Division of Manufacturing Industry¹⁾ in ASEAN

Division	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
	2019	2011	2020	2015	2021	2019	2020	2022	2020
10 Manufacture of food products ²⁾	149	27,624	6,697	8,063	23,554	10,005	1,049	11,352	183,061
11 Manufacture of beverages	10	4,433	598	432	1,640	2,637	-	497	71,639
12 Manufacture of tobacco products	-	8,919	2,143	26	1,404	360	120	1,825	31,802
13 Manufacture of textiles	28	33	580	1,224	134	19	-	67	32
14 Manufacture of wearing apparel	299	1,195	1,400	7,512	691	700	660	1,418	103,420
15 Manufacture of leather and related products	-	3	745	375	311	171	90	5,055	771
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	14	144	1,611	1,794	613	589	312	2,570	9,860
17 Manufacture of paper and paper products	2	283	820	936	576	2,082	798	1,137	12,763
18 Printing and reproduction of recorded media	27	1,827	857	3,213	440	336	546	12,766	9,186
19 Manufacture of coke and refined petroleum products	2	81	442	124	126	114	917	571	1,753
20 Manufacture of chemicals and chemical products	11	20	722	1,473	476	342	1,734	2,442	2,839
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	8	573	371	128	230	244	2,156	2,224
22 Manufacture of rubber and plastics products	4	4	330	2,628	15	245	372	209	2,745
23 Manufacture of other non-metallic mineral products	27	4,713	1,525	2,072	2,951	1,122	1,165	7,773	129,014
24 Manufacture of basic metals	10	37	543	1,557	1,950	368	39	1,058	3,093
25 Manufacture of fabricated metal products, except machinery and equipment	25	2,823	1,686	5,376	1,904	718	139	5,655	24,170
26 Manufacture of computer, electronics and optical products	-	46	2,517	985	1,408	967	281	7,704	10,660
27 Manufacture of electrical equipment	5	10	361	999	104	121	63	492	749
28 Manufacture of machinery and equipment n.e.c.	-	2	124	1,940	219	33	17	1,140	319
29 Manufacture of motor vehicles, trailers and semi-trailers	-	35	782	742	281	361	76	969	12,525
30 Manufacture of other transport equipment	2	1,955	1,226	380	2,155	325	173	3,563	119,482
31 Manufacture of furniture	10	277	781	2,521	229	194	21	564	8,898
32 Other manufacturing	3	15,928	2,140	1,490	1,437	1,326	359	833	108,248
33 Repair and installation of machinery and equipment	21	926	296	2,868	4,103	496	-	38	15,440
All Industries	654	71,326	29,499	49,101	46,849	23,861	9,175	71,854	864,693

Source:
ASEAN Secretariat

Note:

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, *- not available at the time of publication

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

Division	(in percent)								
	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
	2019	2011	2020	2015	2021	2019	2020	2022	2020
10 Manufacture of food products ²⁾	22.8	38.7	22.7	16.4	50.3	41.9	11.4	15.8	21.2
11 Manufacture of beverages	1.5	6.2	2.0	0.9	3.5	11.1	0.0	0.7	8.3
12 Manufacture of tobacco products	0.0	12.5	7.3	0.1	3.0	1.5	1.3	2.5	3.7
13 Manufacture of textiles	4.3	0.0	2.0	2.5	0.3	0.1	0.0	0.1	0.0
14 Manufacture of wearing apparel	45.7	1.7	4.7	15.3	1.5	2.9	7.2	2.0	12.0
15 Manufacture of leather and related products	0.0	0.0	2.5	0.8	0.7	0.7	1.0	7.0	0.1
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.1	0.2	5.5	3.7	1.3	2.5	3.4	3.6	1.1
17 Manufacture of paper and paper products	0.3	0.4	2.8	1.9	1.2	8.7	8.7	1.6	1.5
18 Printing and reproduction of recorded media	4.1	2.6	2.9	6.5	0.9	1.4	6.0	17.8	1.1
19 Manufacture of coke and refined petroleum products	0.3	0.1	1.5	0.3	0.3	0.5	10.0	0.8	0.2
20 Manufacture of chemicals and chemical products	1.7	0.0	2.4	3.0	1.0	1.4	18.9	3.4	0.3
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.8	0.0	1.9	0.8	0.3	1.0	2.7	3.0	0.3
22 Manufacture of rubber and plastics products	0.6	0.0	1.1	5.4	0.0	1.0	4.1	0.3	0.3
23 Manufacture of other non-metallic mineral products	4.1	6.6	5.2	4.2	6.3	4.7	12.7	10.8	14.9
24 Manufacture of basic metals	1.5	0.1	1.8	3.2	4.2	1.5	0.4	1.5	0.4
25 Manufacture of fabricated metal products, except machinery and equipment	3.8	4.0	5.7	10.9	4.1	3.0	1.5	7.9	2.8
26 Manufacture of computer, electronics and optical products	0.0	0.1	8.5	2.0	-	4.1	3.1	10.7	1.2
27 Manufacture of electrical equipment	0.8	0.0	1.2	2.0	0.2	0.5	0.7	0.7	0.1
28 Manufacture of machinery and equipment n.e.c.	0.0	0.0	0.4	4.0	0.5	0.1	0.2	1.6	0.0
29 Manufacture of motor vehicles, trailers and semi-trailers	0.0	0.0	2.7	1.5	0.6	1.5	0.8	1.3	1.4
30 Manufacture of other transport equipment	0.3	2.7	4.2	0.8	4.6	1.4	1.9	5.0	13.8
31 Manufacture of furniture	1.5	0.4	2.6	5.1	0.5	0.8	0.2	0.8	1.0
32 Other manufacturing	0.5	22.3	7.3	3.0	3.1	5.6	3.9	1.2	12.5
33 Repair and installation of machinery and equipment	3.2	1.3	1.0	5.8	8.8	2.1	0.0	0.1	1.8
All Industries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source:
ASEAN Secretariat (computed from
Table 11.2)

Note:

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, *- not available at the time of publication

Table 11.4. Number of Persons Engaged by Division of Manufacturing Industry¹⁾ in ASEAN

(in thousand)

Division	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
	2019	2011	2020	2015	2021	2019	2020	2022	2020
10 Manufacture of food products ²⁾	2	68,323	976	257	162	337	31	622	864,706
11 Manufacture of beverages	0	12,887	86	15	28	41	0	30	146,615
12 Manufacture of tobacco products	0	2,334	281	2	4	7	0	4	10,105
13 Manufacture of textiles	0	39,041	539	30	24	25	1	199	381,474
14 Manufacture of wearing apparel	2	294,384	717	62	421	118	2	209	1,635,289
15 Manufacture of leather and related products	-	40,859	388	11	56	27	0	76	1,304,694
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0	7,402	254	103	28	19	3	134	355,223
17 Manufacture of paper and paper products	0	1,265	158	54	6	31	3	57	159,535
18 Printing and reproduction of recorded media	1	3,799	67	57	7	68	11	52	89,110
19 Manufacture of coke and refined petroleum products	2	57	20	17	2	3	5	17	8,066
20 Manufacture of chemicals and chemical products	0	9,154	237	102	11	42	19	93	157,151
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0	309	86	17	4	9	9	50	54,573
22 Manufacture of rubber and plastics products	0	1,236	453	240	28	89	10	420	371,212
23 Manufacture of other non-metallic mineral products	1	18,267	198	99	34	44	4	154	325,670
24 Manufacture of basic metals	0	502	138	97	18	27	2	63	125,199
25 Manufacture of fabricated metal products, except machinery and equipment	0	15,355	173	136	16	89	34	299	574,991
26 Manufacture of computer, electronics and optical products	-	15	125	356	4	165	80	95	845,335
27 Manufacture of electrical equipment	0	236	138	86	13	40	8	382	237,245
28 Manufacture of machinery and equipment n.e.c.	0	119	86	86	3	25	61	116	104,742
29 Manufacture of motor vehicles, trailers and semi-trailers	0	15	257	83	6	66	3	276	150,739
30 Manufacture of other transport equipment	0	1,761	102	43	3	15	57	46	107,778
31 Manufacture of furniture	0	3,682	166	85	6	34	7	87	647,847
32 Other manufacturing	0	6,793	216	38	13	32	20	347	252,292
33 Repair and installation of machinery and equipment	1	2,371	28	44	17	24	0	1	66,346
All Industries	11	530,166	5,890	2,119	916	1,376	370	3,829	8,975,937

Source:
ASEAN Secretariat

Note:

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, *- not available at the time of publication

Table 11.5. Percentage Distribution Number of Persons Engaged by Division of Manufacturing Industry¹⁾ in ASEAN

Divison	(in percent)								
	Brunei Darussalam	Cambodia	Indonesia	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
	2019	2011	2020	2015	2021	2019	2020	2022	2020
10 Manufacture of food products ²⁾	18.7	12.9	16.6	12.1	12.1	17.6	24.5	8.5	16.2
11 Manufacture of beverages	3.6	2.4	1.5	0.7	0.7	3.1	3.0	-	0.8
12 Manufacture of tobacco products	-	0.4	4.8	0.1	0.1	0.5	0.5	-	0.1
13 Manufacture of textiles	2.3	7.4	9.1	1.4	1.4	2.6	1.8	0.2	5.2
14 Manufacture of wearing apparel	19.6	55.5	12.2	2.9	2.9	46.0	8.6	0.5	5.5
15 Manufacture of leather and related products	-	7.7	6.6	0.5	0.5	6.1	1.9	0.1	2.0
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.0	1.4	4.3	4.9	4.9	3.1	1.4	0.7	3.5
17 Manufacture of paper and paper products	0.1	0.2	2.7	2.5	2.5	0.7	2.2	0.8	1.5
18 Printing and reproduction of recorded media	5.5	0.7	1.1	2.7	2.7	0.8	5.0	3.1	1.4
19 Manufacture of coke and refined petroleum products	21.5	0.0	0.3	0.8	0.8	0.2	0.2	1.3	0.4
20 Manufacture of chemicals and chemical products	4.0	1.7	4.0	4.8	4.8	1.2	3.0	5.1	2.4
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	1.0	0.1	1.5	0.8	0.8	0.5	0.6	2.4	1.3
22 Manufacture of rubber and plastics products	0.7	0.2	7.7	11.3	11.3	3.1	6.5	2.7	11.0
23 Manufacture of other non-metallic mineral products	6.3	3.4	3.4	4.7	4.7	3.7	3.2	1.1	4.0
24 Manufacture of basic metals	3.2	0.1	2.3	4.6	4.6	2.0	1.9	0.6	1.6
25 Manufacture of fabricated metal products, except machinery and equipment	3.3	2.9	2.9	6.4	6.4	1.8	6.5	9.2	7.8
26 Manufacture of computer, electronics and optical products	-	0.0	2.1	16.8	16.8	0.5	12.0	21.7	2.5
27 Manufacture of electrical equipment	1.3	0.0	2.3	4.1	4.1	1.4	2.9	2.2	10.0
28 Manufacture of machinery and equipment n.e.c.	-	0.0	1.5	4.1	4.1	0.3	1.8	16.6	3.0
29 Manufacture of motor vehicles, trailers and semi-trailers	-	0.0	4.4	3.9	3.9	0.6	4.8	0.8	7.2
30 Manufacture of other transport equipment	0.5	0.3	1.7	2.0	2.0	0.3	1.1	15.4	1.2
31 Manufacture of furniture	1.6	0.7	2.8	4.0	4.0	0.6	2.5	1.9	2.3
32 Other manufacturing	0.1	1.3	3.7	1.8	1.8	1.5	2.3	5.3	9.1
33 Repair and installation of machinery and equipment	4.9	0.4	0.5	2.1	2.1	1.9	1.8	-	0.0
All Industries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source:
ASEAN Secretariat (computed from
Table 11.4)

Note:

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, "- " not available at the time of publication

Table 11.6. Index of Industrial Production for Manufacturing Industry in ASEAN, 2012-2021

(annual change in percent)

Indicator/Year	Indonesia	Malaysia	Philippines	Singapore	Thailand	Viet Nam
	(2010=100)	(2010=100)	(2018=100)	(2019=100)	(2016=100)	(2011=100)
Index						
2012	108.4	111.3	82.2	83.6	100.8	105.8
2013	114.9	116.0	78.5	85.0	102.7	105.9
2014	120.4	123.0	83.4	87.3	98.6	107.6
2015	126.1	128.9	78.2	82.8	98.7	109.8
2016	131.1	134.4	84.1	85.9	100.0	107.4
2017	137.4	142.6	92.7	94.8	101.7	111.3
2018	142.9	116.0	100.0	101.5	105.7	110.1
2019	148.6	120.1	89.1	100.0	102.1	109.1
2020	133.6	116.9	50.8	107.5	92.3	103.3
2021	143.7	128.1	75.8	121.8	97.7	104.7
Annual Change						
2012	4.1	5.3	7.0	0.3	10.1	5.8
2013	6.0	4.2	-4.5	1.7	1.9	0.1
2014	4.8	6.0	6.2	2.7	-4.0	1.6
2015	4.8	4.8	-6.2	-5.1	0.0	2.0
2016	4.0	4.3	7.6	3.7	1.4	-2.2
2017	4.7	6.1	10.2	10.4	1.7	3.6
2018	4.0	-18.6	7.9	7.0	3.9	-1.1
2019	4.0	3.6	-10.9	-1.5	-3.4	-0.9
2020	-10.1	-2.7	-43.0	7.5	-9.6	-5.3
2021	7.5	9.5	49.2	13.3	5.8	1.3

Source:
ASEAN Secretariat

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

Table 11.7. Index of Selected Industrial Production for Manufacturing Industry in Indonesia¹⁾, 2012–2021

(2010=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10 Manufacture of food products	120.2	133.1	147.1	157.3	167.0	183.5	197.8	205.2	200.8	214.8
11 Manufacture of beverages	109.2	109.9	113.2	112.5	112.2	109.1	125.9	147.4	127.2	136.0
12 Manufacture of tobacco products	104.5	103.9	112.1	117.6	114.2	115.5	129.1	125.3	123.0	127.0
13 Manufacture of textiles	84.6	77.3	73.1	71.6	68.7	68.9	72.4	75.0	63.0	69.5
14 Manufacture of wearing apparels	118.9	128.9	133.5	119.0	110.6	116.5	140.0	166.0	128.0	107.7
15 Manufacture of leather and related products	119.5	124.5	132.3	137.0	148.2	156.5	185.9	175.3	122.3	124.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	64.8	70.6	77.0	77.7	78.7	78.4	78.1	70.0	66.9	69.8
17 Manufacture of paper and paper products	97.6	95.5	98.3	94.8	92.1	89.8	89.7	94.6	88.7	91.2
18 Printing and reproduction of recorded media	116.4	127.4	126.4	133.0	131.0	134.6	147.8	176.7	155.0	135.9
19 Manufacture of coke and refined petroleum products	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	56.1	52.9
20 Manufacture of chemicals and chemical products	113.3	122.5	129.8	131.0	130.6	138.8	130.3	138.1	136.6	138.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	140.9	135.2	148.6	167.5	181.6	196.3	202.0	213.2	273.6	374.1
22 Manufacture of rubber and plastic products	113.6	109.7	110.5	115.6	105.7	111.6	123.0	104.9	95.4	95.2
23 Manufacture of other nonn.a.metallic mineral products	125.5	129.4	134.1	143.5	151.8	151.5	156.3	144.6	112.6	114.9
24 Manufacture of basic metals	98.5	108.9	115.7	122.8	123.0	130.4	143.0	145.9	117.9	124.0
25 Manufacture of fabricated metal products, except machinery and equipment	121.8	135.7	140.1	153.2	153.4	163.2	172.2	140.3	59.7	56.5
26 Manufacture of computers, electronic and optical products	106.8	116.8	112.2	115.6	117.5	115.3	96.6	85.9	135.9	154.4
27 Manufacture of electrical equipment	132.0	142.3	156.3	155.6	144.1	143.4	147.1	154.9	107.3	158.1
28 Manufacture of machinery and equipment n.e.c	122.0	116.4	125.7	128.6	133.2	138.3	153.3	140.4	106.9	162.6
29 Manufacture of motor vehicle, trailers and semin.a.trailers	124.8	139.1	145.0	152.6	152.8	151.3	159.4	145.0	55.8	72.6
30 Manufacture of other transport equipment	81.3	79.3	76.0	71.3	71.7	75.2	77.2	73.6	102.2	134.1
31 Manufacture of furniture	103.3	106.8	108.8	113.5	113.8	117.0	118.9	126.8	70.2	70.4
32 Other manufacturing	80.2	78.2	82.4	87.0	81.1	77.6	78.9	84.0	130.7	156.3
33 Repair and installation of machinery and equipment	97.7	93.3	87.9	91.8	88.5	86.5	80.5	71.1	72.1	39.0
Total Manufacturing Industry	108.4	114.9	120.4	126.1	131.1	137.4	142.9	148.6	133.6	143.7

Table 11.7. Index of Selected Industrial Production for Manufacturing Industry in Indonesia¹⁾, 2012-2021 (Continued)

(2010=100; annual change in percent)

Division	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in Index										
10 Manufacture of food products	12.6	10.8	10.5	6.9	6.2	9.9	7.8	3.7	-2.1	7.0
11 Manufacture of beverages	-0.3	0.7	2.9	-0.6	-0.3	-2.8	15.4	17.1	-13.7	6.9
12 Manufacture of tobacco products	5.2	-0.7	8.0	4.8	-2.8	1.1	11.7	-2.9	-1.9	3.2
13 Manufacture of textiles	-8.3	-8.7	-5.5	-2.0	-4.1	0.4	5.0	3.6	-16.0	10.4
14 Manufacture of wearing apparels	5.1	8.4	3.6	-10.9	-7.0	5.3	20.2	18.5	-22.9	-15.9
15 Manufacture of leather and related products	-7.0	4.2	6.2	3.6	8.2	5.6	18.8	-5.7	-30.3	2.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-4.4	9.1	9.1	0.9	1.2	-0.3	-0.4	-10.3	-4.5	4.4
17 Manufacture of paper and paper products	5.1	8.4	2.9	-3.6	-2.8	-2.5	-0.1	5.5	-6.3	2.9
18 Printing and reproduction of recorded media	-7.0	4.2	-0.8	5.2	-1.5	2.8	9.8	19.6	-12.3	-12.3
19 Manufacture of coke and refined petroleum products	-4.4	9.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20 Manufacture of chemicals and chemical products	-4.4	-2.1	6.0	0.9	-0.2	6.3	-6.1	6.0	-1.1	1.3
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-0.5	9.4	9.9	12.7	8.4	8.1	2.9	5.6	28.3	36.8
22 Manufacture of rubber and plastic products	12.0	-3.4	0.7	4.6	-8.5	5.6	10.2	-14.7	-9.1	-0.2
23 Manufacture of other non-methalic mineral products	10.4	3.1	3.6	7.0	5.8	-0.2	3.1	-7.4	-22.2	2.0
24 Manufacture of basic metals	-9.7	10.6	6.2	6.1	0.1	6.0	9.7	2.0	-19.2	5.1
25 Manufacture of fabricated metal products, except machinery and equipment	2.6	11.4	3.2	9.4	0.1	6.4	5.5	-18.5	-57.4	-5.5
26 Manufacture of computers, electronic and optical products	10.5	9.3	-3.9	3.0	1.6	-1.9	-16.3	-11.0	58.2	13.6
27 Manufacture of electrical equipment	12.3	7.8	9.8	-0.5	-7.4	-0.5	2.6	5.3	-30.8	47.4
28 Manufacture of machinery and equipment n.e.c	-8.2	-4.6	8.0	2.3	3.5	3.9	10.9	-8.4	-23.9	52.1
29 Manufacture of motor vehicle, trailers and semi-trailers	2.8	11.5	4.2	5.2	0.1	-1.0	5.4	-9.1	-61.5	30.1
30 Manufacture of other transport equipment	3.7	-2.5	-4.1	-6.2	0.5	4.9	2.7	-4.6	38.8	31.2
31 Manufacture of furniture	-6.1	3.5	1.8	4.3	0.3	2.8	1.6	6.6	-44.7	0.3
32 Other manufacturing	-3.6	-2.4	5.4	5.5	-6.7	-4.4	1.7	6.4	55.7	19.6
33 Repair and installation of machinery and equipment	7.2	-4.6	-5.8	4.4	-3.6	-2.2	-7.0	-11.6	1.3	-46.0
Total Manufacturing Industry	4.1	6.0	4.8	4.8	4.0	4.7	4.0	4.0	-10.1	7.5

Source:
ASEAN SecretariatNote:
1) Covers establishments with total employment of 20 and over, n.a. not applicable, '-' not available at the time of publication

Table 11.8. Index of Selected Industrial Production for Manufacturing Industry in Malaysia, 2012–2021

(2010=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10 Manufacture of food products	108.7	115.3	121.8	120.4	120.6	134.6	116.9	120.1	121.0	123.2
11 Manufacture of beverages	105.6	103.3	121.4	135.8	149.3	162.9	123.7	127.2	108.7	119.4
12 Manufacture of tobacco products	123.6	101.3	106.2	115.9	119.4	121.7	107.3	113.6	95.4	83.6
13 Manufacture of textiles	102.3	89.9	99.2	100.6	104.8	108.9	112.5	117.5	102.0	115.6
14 Manufacture of wearing apparels	100.9	104.1	115.8	129.7	140.5	156.8	127.6	135.4	120.0	121.9
15 Manufacture of leather and related products	132.3	141.5	156.4	169.7	181.9	191.9	119.8	125.9	103.4	115.3
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	96.5	99.1	110.1	118.0	124.4	129.5	112.9	118.4	104.0	113.6
17 Manufacture of paper and paper products	111.2	116.0	114.5	116.1	120.6	126.0	115.0	120.0	116.5	133.8
18 Printing and reproduction of recorded media	114.9	114.8	113.9	119.4	126.0	131.6	114.4	119.2	113.1	116.6
19 Manufacture of coke and refined petroleum products	108.3	108.5	109.2	110.5	113.9	117.9	110.2	113.2	101.4	112.9
20 Manufacture of chemicals and chemical products	112.4	109.6	113.9	121.5	128.7	134.2	115.5	117.5	108.9	119.5
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	156.0	154.3	158.7	172.6	180.2	188.5	115.9	120.7	138.2	159.9
22 Manufacture of rubber and plastic products	132.7	138.9	140.3	142.2	147.4	154.0	113.4	118.9	150.2	178.4
23 Manufacture of other non-ferrous metal products	115.4	115.0	122.9	131.3	136.0	142.5	115.1	120.3	103.1	104.2
24 Manufacture of basic metals	95.4	98.6	101.4	102.9	105.2	109.5	112.1	116.6	111.0	107.7
25 Manufacture of fabricated metal products, except machinery and equipment	138.6	155.6	159.9	167.3	175.8	184.1	115.5	119.8	101.3	151.3
26 Manufacture of computers, electronic and optical products	106.4	119.0	134.0	146.9	157.6	170.5	124.1	127.7	130.9	135.3
27 Manufacture of electrical equipment	107.7	106.7	115.9	120.2	127.6	136.7	115.5	119.5	120.6	137.1
28 Manufacture of machinery and equipment n.e.c	109.9	109.6	115.5	124.3	129.9	138.0	117.3	121.4	122.8	112.9
29 Manufacture of motor vehicle, trailers and semi-trailers	100.8	103.6	110.9	120.4	117.3	123.8	106.5	113.9	112.0	97.9
30 Manufacture of other transport equipment	153.6	200.4	246.9	259.8	247.9	258.8	104.7	109.7	95.2	118.3
31 Manufacture of furniture	115.5	101.4	103.2	110.1	121.5	130.3	122.1	132.0	122.8	107.5
32 Other manufacturing	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	107.6	113.3	104.7	114.2
33 Repair and installation of machinery and equipment	160.7	237.3	307.6	227.1	239.7	264.0	126.3	131.2	120.0	119.9
Total Manufacturing Industry	111.3	116.0	123.0	128.9	134.4	142.6	116.0	120.1	116.9	128.1

Table 11.8. Index of Selected Industrial Production for Manufacturing Industry in Malaysia, 2012-2021 (Continued)

(2010=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in Index										
10 Manufacture of food products	-1.8	6.1	5.6	-1.1	0.2	11.6	-13.2	2.8	0.8	1.8
11 Manufacture of beverages	-3.1	-2.2	17.5	11.9	9.9	9.1	-24.1	2.8	-14.5	9.9
12 Manufacture of tobacco products	10.6	-18.0	4.8	9.1	3.0	1.9	-11.8	5.8	-16.0	-12.4
13 Manufacture of textiles	0.3	-12.1	10.3	1.4	4.2	3.9	3.3	4.4	-13.2	13.3
14 Manufacture of wearing apparels	-17.4	3.2	11.2	12.0	8.3	11.6	-18.6	6.1	-11.4	1.6
15 Manufacture of leather and related products	10.6	7.0	10.5	8.5	7.2	5.5	-37.6	5.1	-17.9	11.5
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.8	2.7	11.1	7.2	5.4	4.1	-12.8	4.9	-12.1	9.2
17 Manufacture of paper and paper products	4.9	4.3	-1.3	1.4	3.9	4.5	-8.7	4.3	-2.9	14.9
18 Printing and reproduction of recorded media	1.1	-0.1	-0.8	4.8	5.5	4.4	-13.0	4.2	-5.1	3.1
19 Manufacture of coke and refined petroleum products	4.7	0.2	0.6	1.2	3.1	3.5	-6.5	2.7	-10.4	11.4
20 Manufacture of chemicals and chemical products	7.7	-2.5	3.9	6.7	5.9	4.3	-14.0	1.8	-7.3	9.7
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	18.1	-1.1	2.9	8.8	4.4	4.6	-38.5	4.2	14.5	15.7
22 Manufacture of rubber and plastic products	10.6	4.7	1.0	1.4	3.7	4.5	-26.4	4.9	26.3	18.8
23 Manufacture of other non-ferrous metal products	2.9	-0.3	6.9	6.8	3.6	4.8	-19.2	4.5	-14.3	1.0
24 Manufacture of basic metals	-6.7	3.4	2.8	1.5	2.2	4.1	2.4	4.0	-4.8	-3.0
25 Manufacture of fabricated metal products, except machinery and equipment	13.8	12.3	2.8	4.6	5.1	4.7	-37.3	3.7	-15.5	49.3
26 Manufacture of computers, electronic and optical products	9.5	11.8	12.6	9.6	7.3	8.2	-27.2	2.9	2.5	3.4
27 Manufacture of electrical equipment	-4.6	-0.9	8.6	3.7	6.2	7.1	-15.5	3.4	0.9	13.7
28 Manufacture of machinery and equipment n.e.c	5.9	-0.3	5.4	7.6	4.5	6.2	-15.0	3.5	1.1	-8.1
29 Manufacture of motor vehicle, trailers and semi-trailers	-16.4	2.8	7.0	8.6	-2.6	5.5	-14.0	7.0	-1.7	-12.5
30 Manufacture of other transport equipment	68.4	30.5	23.2	5.2	-4.6	4.4	-59.5	4.8	-13.2	24.2
31 Manufacture of furniture	23.7	-12.2	1.8	6.7	10.4	7.2	-6.3	8.1	-7.0	-12.5
32 Other manufacturing	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5.3	-7.6	9.0
33 Repair and installation of machinery and equipment	107.1	47.7	29.6	-26.2	5.5	10.1	-52.2	3.9	-8.5	-0.1
Total Manufacturing Industry	5.3	4.2	6.0	4.8	4.3	6.1	-18.6	3.6	-2.7	9.5

Source:
ASEAN SecretariatNote:
n.a. not applicable.

Table 11.9. Index of Selected Industrial Production for Manufacturing Industry in Philippines, 2012-2021

(2018=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10 Manufacture of food products	85.0	79.3	83.4	71.9	88.2	94.3	100	100.7	93.7	109.7
11 Manufacture of beverages	51.3	51.2	67.0	69.2	77.5	77.8	100	110.4	94.7	91.5
12 Manufacture of tobacco products	83.2	83.5	89.8	118.6	130.2	116.1	100	117.8	69.6	70.7
13 Manufacture of textiles	-	-	-	-	-	-	100	99.2	66.5	72.1
14 Manufacture of wearing appparels	-	-	-	-	-	-	100	104.6	62.2	64.0
15 Manufacture of leather and related products	-	-	-	-	-	-	100	96.0	49.7	56.6
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	104.5	109.9	120.7	85.6	88.3	98.3	100	117.4	73.7	94.2
17 Manufacture of paper and paper products	82.2	69.2	71.4	79.4	81.2	84.3	100	110.6	95.6	106.2
18 Printing and reproduction of recorded media	89.4	92.2	269.8	271.8	274.9	329.8	100	181.3	129.8	124.5
19 Manufacture of coke and refined petroleum products	95.9	84.9	86.5	64.2	59.4	68.5	100	56.6	31.2	41.6
20 Manufacture of chemicals and chemical products	-	-	-	-	-	-	100	95.5	88.2	91.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	-	-	-	-	-	100	106.4	107.6	87.5
22 Manufacture of rubber and plastic products	99.6	96.9	97.1	95.7	114.5	97.3	100	107.9	90.6	95.4
23 Manufacture of other non-ferrous metal products	91.0	86.5	80.5	87.0	83.7	94.3	100	111.0	80.6	110.5
24 Manufacture of basic metals	53.1	64.0	60.7	58.7	66.2	97.2	100	83.0	71.8	86.9
25 Manufacture of fabricated metal products, except machinery and equipment	-	-	-	-	-	-	100	126.8	106.0	143.2
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	100	95.4	69.9	81.5
27 Manufacture of electrical equipment	-	-	-	-	-	-	100	96.5	65.2	101.9
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	100	145.5	85.4	88.9
29 Manufacture of motor vehicle, trailers and semi-trailers	-	-	-	-	-	-	-	-	-	0.0
30 Manufacture of other transport equipment	-	-	-	-	-	-	100	97.1	64.3	69.3
31 Manufacture of furniture	158.0	182.6	178.7	128.5	93.3	103.7	100	106.7	82.3	89.7
32 Other manufacturing	-	-	-	-	-	-	100	79.4	70.0	75.9
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	82.2	78.5	83.4	78.2	84.1	92.7	100.0	89.1	50.8	75.8

Table 11.9. Index of Selected Industrial Production for Manufacturing Industry in Philippines, 2012–2021 (Continued)

(2018=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in Index										
10 Manufacture of food products	21.7	-6.7	5.2	-13.8	22.6	6.9	6.1	0.7	-6.9	17.0
11 Manufacture of beverages	3.0	-0.2	31.0	3.3	12.0	0.4	28.5	10.4	-14.2	-3.4
12 Manufacture of tobacco products	-22.6	0.3	7.6	32.0	9.8	-10.8	-13.9	17.8	-40.9	1.6
13 Manufacture of textiles	-	-	-	-	-	-	-	-0.8	-32.9	8.3
14 Manufacture of wearing apparels	-	-	-	-	-	-	-	4.6	-40.5	3.0
15 Manufacture of leather and related products	-	-	-	-	-	-	-	-4.0	-48.2	13.9
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10.0	5.2	9.9	-29.1	3.1	11.3	1.8	17.4	-37.2	27.9
17 Manufacture of paper and paper products	-8.1	-15.8	3.2	11.2	2.3	3.8	18.7	10.6	-13.5	11.1
18 Printing and reproduction of recorded media	7.7	3.2	192.5	0.8	1.1	20.0	-69.7	81.3	-28.4	-4.1
19 Manufacture of coke and refined petroleum products	-4.1	-11.5	1.9	-25.8	-7.4	15.4	45.9	-43.4	-44.8	33.2
20 Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-4.5	-7.7	3.8
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	-	-	-	-	-	-	-	-	-
22 Manufacture of rubber and plastic products	4.4	-2.8	0.2	-1.4	19.7	-15.0	2.7	7.9	-16.0	5.3
23 Manufacture of other non-ferrous metal products	5.4	-4.9	-6.9	8.0	-3.8	12.6	6.1	11.0	-27.4	37.2
24 Manufacture of basic metals	-15.8	20.6	-5.2	-3.4	12.8	46.9	2.9	-17.0	-13.5	21.0
25 Manufacture of fabricated metal products, except machinery and equipment	-	-	-	-	-	-	-	26.8	-16.5	35.1
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	-	-	-	-
27 Manufacture of electrical equipment	-	-	-	-	-	-	-	-3.5	-32.4	56.3
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	-	45.5	-41.3	4.1
29 Manufacture of motor vehicle, trailers and semi-trailers	-	-	-	-	-	-	-	-	-	-
30 Manufacture of other transport equipment	-	-	-	-	-	-	-	-2.9	-33.8	7.9
31 Manufacture of furniture	23.3	15.6	-2.1	-28.1	-27.4	11.1	-3.6	6.7	-22.9	9.1
32 Other manufacturing	-	-	-	-	-	-	-	-20.6	-11.8	8.4
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	7.0	-4.5	6.2	-6.2	7.6	10.2	7.9	-10.9	-43.0	49.2

Source:
ASEAN Secretariat

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

Table 11.10. Index of Selected Industrial Production for Manufacturing Industry in Singapore, 2012–2021

(2019=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10 Manufacture of food products	84.1	84.1	85.4	85.9	89.1	94.8	97.7	100.0	91.6	87.3
11 Manufacture of beverages	-	-	-	-	-	-	-	-	-	-
12 Manufacture of food, beverages and tobacco products	-	-	-	-	-	-	-	-	-	-
13 Manufacture of textiles	205.1	174.9	150.4	146.4	135.3	124.3	114.5	100.0	52.2	30.3
14 Manufacture of wearing apparels	191.4	161.7	102.9	48.4	40.4	42.7	40.0	100.0	118.9	164.8
15 Manufacture of leather and related products	166.8	185.9	162.3	152.4	135.4	120.4	112.3	100.0	58.8	92.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	122.1	134.8	140.2	130.8	124.2	121.5	112.5	100.0	85.5	127.8
17 Manufacture of paper and paper products	95.7	101.4	101.6	97.2	94.6	93.5	100.1	100.0	96.3	100.3
18 Printing and reproduction of recorded media	203.9	188.8	175.9	166.0	141.2	121.4	110.6	100.0	84.5	76.5
19 Manufacture of coke and refined petroleum products	99.9	94.0	86.0	93.3	97.2	105.9	105.4	100.0	83.5	86.0
20 Manufacture of chemicals and chemical products	78.5	81.3	88.9	92.0	90.9	96.9	101.8	100.0	100.6	110.2
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	88.6	86.5	93.4	85.3	97.1	83.2	89.7	100.0	130.7	145.3
22 Manufacture of rubber and plastic products	123.2	118.9	118.6	108.6	99.2	101.7	100.1	100.0	98.8	116.9
23 Manufacture of other non-ferrous metal products	178.0	175.8	148.5	163.6	146.9	119.0	104.8	100.0	64.0	95.9
24 Manufacture of basic metals	107.0	90.3	116.1	117.0	124.2	126.7	110.9	100.0	97.6	111.2
25 Manufacture of fabricated metal products, except machinery and equipment	118.3	118.4	118.7	110.2	103.3	100.6	100.8	100.0	91.4	110.3
26 Manufacture of computers, electronic and optical products	65.1	67.8	68.2	64.6	73.7	98.0	106.0	100.0	111.1	126.7
27 Manufacture of electrical equipment	60.8	66.4	74.3	75.9	77.0	84.8	95.1	100.0	90.4	106.9
28 Manufacture of machinery and equipment n.e.c	122.1	124.2	134.5	113.8	91.9	98.0	111.9	100.0	109.6	136.5
29 Manufacture of motor vehicle, trailers and semi-trailers	62.8	77.0	82.6	90.7	95.5	113.6	109.7	100.0	87.3	97.7
30 Manufacture of other transport equipment	104.1	105.3	101.1	94.7	95.7	94.1	97.0	100.0	75.7	89.0
31 Manufacture of furniture	223.0	217.6	193.1	170.2	161.6	115.8	108.7	100.0	65.0	93.6
32 Other manufacturing	50.7	55.2	58.9	69.4	76.7	84.2	92.9	100.0	109.6	118.0
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	83.6	85.0	87.3	82.8	85.9	94.8	101.5	100.0	107.5	121.8

Table 11.10. Index of Selected Industrial Production for Manufacturing Industry in Singapore, 2012–2021 (Continued)

(2019=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in index										
11 Manufacture of beverages	3.4	0.0	1.6	0.6	3.7	6.5	3.1	2.3	(8.4)	(4.7)
12 Manufacture of food, beverages and tobacco products	-	-	-	-	-	-	-	-	-	-
12 Manufacture of food, beverages and tobacco products	-	-	-	-	-	-	-	-	-	-
13 Manufacture of textiles	2.1	-14.7	-14.0	-2.6	-7.6	-8.1	-7.9	-12.6	-47.8	-41.9
14 Manufacture of wearing apparels	-7.9	-15.5	-36.4	-53.0	-16.6	5.8	-6.3	149.9	18.9	38.6
15 Manufacture of leather and related products	-1.5	11.4	-12.7	-6.1	-11.2	-11.0	-6.8	-10.9	-41.2	57.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-2.7	10.4	4.0	-6.7	-5.0	-2.2	-7.4	-11.1	-14.5	49.5
17 Manufacture of paper and paper products	-2.5	5.9	0.1	-4.3	-2.7	-1.2	7.1	-0.1	-3.7	4.2
18 Printing and reproduction of recorded media	-7.0	-7.4	-6.8	-5.6	-14.9	-14.0	-8.9	-9.6	-15.5	-9.4
19 Manufacture of coke and refined petroleum products	-0.6	-5.9	-8.5	8.5	4.2	8.9	-0.5	-5.1	-16.5	3.0
20 Manufacture of chemicals and chemical products	0.5	3.6	9.4	3.4	-1.1	6.5	5.1	-1.7	0.6	9.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	9.7	-2.3	7.9	-8.6	13.8	-14.3	7.7	11.5	30.7	11.2
22 Manufacture of rubber and plastic products	-3.5	-3.5	-0.3	-8.4	-8.6	2.5	-1.6	-0.1	-1.2	18.3
23 Manufacture of other non-ferrous metal products	-1.4	-1.3	-15.5	10.2	-10.2	-19.0	-12.0	-4.6	-36.0	49.7
24 Manufacture of basic metals	-9.4	-15.6	28.6	0.7	6.2	1.9	-12.4	-9.8	-2.4	14.0
25 Manufacture of fabricated metal products, except machinery and equipment	5.1	0.1	0.3	-7.2	-6.2	-2.7	0.2	-0.8	-8.6	20.7
26 Manufacture of computers, electronic and optical products	-9.4	4.2	0.6	-5.3	14.1	33.0	8.2	-5.7	11.1	14.0
27 Manufacture of electrical equipment	-0.7	9.2	11.9	2.2	1.5	10.1	12.2	5.2	-9.6	18.2
28 Manufacture of machinery and equipment n.e.c	12.6	1.8	8.3	-15.4	-19.2	6.6	14.2	-10.7	9.6	24.5
29 Manufacture of motor vehicle, trailers and semi-trailers	-1.9	22.7	7.2	9.8	5.3	19.0	-3.4	-8.9	-12.7	11.9
30 Manufacture of other transport equipment	6.3	1.1	-4.0	-6.3	1.0	-1.7	3.1	3.1	-24.3	17.6
31 Manufacture of furniture	6.1	-2.4	-11.3	-11.9	-5.1	-28.4	-6.1	-8.0	-35.0	44.0
32 Other manufacturing	7.0	9.0	6.7	17.9	10.4	9.9	10.2	7.7	9.6	7.7
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	0.3	1.7	2.7	-5.1	3.7	10.4	7.0	-1.5	7.5	13.3

Source:
ASEAN Secretariat

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

Table 11.11. Index of Selected Industrial Production for Manufacturing Industry in Thailand, 2012-2021

(2016=100; annual change in percent)

Division	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10/11 Manufacture of food products and beverages	96.7	95.7	98.3	98.7	100.0	104.0	110.1	107.8	101.5	104.8
12 Manufacture of tobacco products	90.0	95.9	99.1	100.2	100.0	99.2	97.7	105.6	99.0	98.7
13 Manufacture of textiles	115.3	116.5	112.8	110.1	100.0	83.1	69.0	64.4	63.2	59.4
14 Manufacture of wearing apparels	109.6	115.1	114.1	106.6	100.0	99.4	100.0	92.8	72.0	70.5
15 Manufacture of leather and related products	105.5	104.3	110.5	108.6	100.0	93.5	97.1	97.2	76.6	69.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	125.1	123.0	112.4	111.7	100.0	100.4	102.2	95.8	70.2	76.9
17 Manufacture of paper and paper products										
18 Printing and reproduction of recorded media	89.9	90.7	94.2	95.1	100.0	104.7	107.5	106.8	106.9	110.6
19 Manufacture of coke and refined petroleum products										
20 Manufacture of chemicals and chemical products	66.7	88.1	82.9	97.6	100.0	105.7	110.8	104.5	97.7	95.7
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	97.3	97.4	98.4	100.1	100.0	103.6	106.0	105.1	101.5	105.3
22 Manufacture of rubber and plastic products	76.9	71.1	86.7	100.2	100.0	106.7	124.3	131.9	106.4	101.1
23 Manufacture of other non-ferrous metal products	102.4	103.8	99.7	99.7	100.0	104.4	105.1	98.6	91.6	97.2
24 Manufacture of basic metals	103.4	108.5	102.5	99.7	100.0	97.7	102.2	100.4	95.4	95.0
25 Manufacture of fabricated metal products, except machinery and equipment	92.8	96.2	97.0	90.6	100.0	104.3	107.0	96.2	89.3	102.1
26 Manufacture of computers, electronic and optical products	102.0	94.8	95.9	98.4	100.0	97.3	100.1	92.0	87.4	91.1
27 Manufacture of electrical equipment	95.9	102.0	111.3	97.0	100.0	97.8	100.9	95.3	94.3	102.7
28 Manufacture of machinery and equipment n.e.c	106.9	99.1	98.7	99.3	100.0	102.2	98.0	93.5	97.0	102.6
29 Manufacture of motor vehicle, trailers and semi-trailers	76.3	84.9	85.8	82.6	100.0	89.1	93.2	101.3	90.5	101.2
30 Manufacture of other transport equipment	120.2	121.1	95.1	98.7	100.0	101.9	112.1	105.8	75.2	89.5
31 Manufacture of furniture	129.7	113.2	96.7	95.1	100.0	102.8	104.2	102.2	80.2	83.9
32 Other manufacturing	139.8	118.4	123.6	124.7	100.0	102.4	97.6	94.7	95.3	117.6
33 Repair and installation of machinery and equipment	64.5	72.8	83.8	92.5	100.0	97.9	96.6	90.2	77.0	89.2
Total Manufacturing Industry	100.8	102.7	98.6	98.7	100.0	101.7	105.7	102.1	92.3	97.7

Table 11.11. Index of Selected Industrial Production for Manufacturing Industry in Thailand, 2012-2021 (Continued)

(2016=100; annual change in percent)

Division	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in Index										
10/11 Manufacture of food products and beverages	-0.3	-1.1	2.7	0.4	1.3	4.0	5.9	-2.1	-5.8	3.2
12 Manufacture of tobacco products	15.4	6.6	3.4	1.1	-0.2	-0.8	-1.5	8.1	-6.2	-0.3
13 Manufacture of textiles	-1.2	1.1	-3.2	-2.4	-9.2	-16.9	-17.0	-6.7	-1.9	-6.0
14 Manufacture of wearing apparels	-8.2	5.0	-0.8	-6.5	-6.2	-0.6	0.5	-7.1	-22.5	-2.1
15 Manufacture of leather and related products	-5.8	-1.1	5.9	-1.7	-7.9	-6.5	3.8	0.1	-21.2	-9.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-6.2	-1.6	-8.6	-0.7	-10.5	0.4	1.8	-6.3	-26.7	9.5
17 Manufacture of paper and paper products	-	-	-	-	-	-	-	-	-	-
18 Printing and reproduction of recorded media	1.8	1.0	3.8	1.0	5.2	4.7	2.7	-0.7	0.1	3.5
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	-	-	-	-	-
20 Manufacture of chemicals and chemical products	4.3	32.0	-5.9	17.8	2.4	5.7	4.8	-5.7	-6.5	-2.1
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	5.3	0.1	1.1	1.7	-0.1	3.6	2.4	-0.9	-3.4	3.7
22 Manufacture of rubber and plastic products	11.6	-7.7	22.0	15.6	-0.2	6.7	16.5	6.1	-19.3	-5.0
23 Manufacture of other non-metallurgical mineral products	-0.4	1.3	-3.9	0.0	0.3	4.4	0.6	-6.1	-7.2	6.2
24 Manufacture of basic metals	0.1	4.9	-5.4	-2.7	0.3	-2.3	4.6	-1.7	-5.0	-0.4
25 Manufacture of fabricated metal products, except machinery and equipment	7.9	3.6	0.8	-6.5	10.3	4.3	2.6	-10.1	-7.1	14.3
26 Manufacture of computers, electronic and optical products	22.0	-7.0	1.1	2.6	1.7	-2.7	2.9	-8.0	-5.0	4.3
27 Manufacture of electrical equipment	-9.6	6.3	9.1	-12.8	3.1	-2.2	3.2	-5.6	-1.1	8.9
28 Manufacture of machinery and equipment n.e.c	7.7	-7.3	-0.4	0.5	0.7	2.2	-4.1	-4.6	3.8	5.7
29 Manufacture of motor vehicle, trailers and semi-trailers	13.9	11.2	1.0	-3.7	21.1	-10.9	4.5	8.8	-10.7	11.9
30 Manufacture of other transport equipment	53.8	0.8	-21.5	3.8	1.3	1.9	10.0	-5.6	-28.9	19.0
31 Manufacture of furniture	6.0	-12.7	-14.6	-1.6	5.2	2.8	1.4	-1.9	-21.6	4.7
32 Other manufacturing	-3.8	-15.3	4.4	0.8	-19.8	2.4	-4.6	-3.0	0.6	23.4
33 Repair and installation of machinery and equipment	7.3	12.8	15.0	10.4	8.1	-2.1	-1.3	-6.6	-14.6	15.9
Total Manufacturing Industry	10.1	1.9	-4.0	0.0	1.4	1.7	3.9	-3.4	-9.6	5.8

Table 11.12. Index of Selected Industrial Production for Manufacturing Industry in Viet Nam, 2012-2021

(2011=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Index of Industrial Production										
10 Manufacture of food products	107.9	106.0	104.8	107.8	108.2	106.0	108.2	109.5	104.5	102.8
11 Manufacture of beverages	111.3	109.2	109.5	107.0	110.4	106.1	107.9	110.5	94.9	96.0
12 Manufacture of tobacco products	100.7	106.2	87.4	103.8	103.3	100.9	108.8	102.7	102.2	100.4
13 Manufacture of textiles	104.2	121.0	119.7	114.0	116.9	109.8	112.5	111.4	99.5	108.4
14 Manufacture of wearing apparels	107.5	110.9	112.2	104.6	107.5	109.1	110.9	106.9	95.1	107.5
15 Manufacture of leather and related products	107.8	118.7	122.0	117.0	103.5	107.1	110.4	110.0	97.0	105.3
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	-	-	105	104.0	110.2	95.4	102.7
17 Manufacture of paper and paper products	115.2	120.0	115.5	111.7	107.2	109.6	113.9	111.6	107.5	104.1
18 Printing and reproduction of recorded media	-	-	-	-	-	110	107.7	115.3	97.5	99.3
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	92	165.3	121.0	110.0	108.5
20 Manufacture of chemicals and chemical products	110.0	107.9	104.4	104.9	101.4	106.2	108.2	106.5	106.7	99.5
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	106.0	111.2	101.8	103.4	102.7	108.1	119.5	97.9	121.8	82.9
22 Manufacture of rubber and plastic products	110.4	109.5	103.6	111.5	110.2	113.2	103.2	114.3	104.7	102.4
23 Manufacture of other non-methalic mineral products	94.9	104.6	108.8	112.0	112.3	108.8	110.8	107.5	101.6	101.8
24 Manufacture of basic metals	106.4	98.2	109.9	112.1	117.9	122.1	125.0	128.6	114.3	122.0
25 Manufacture of fabricated metal products, except machinery and equipment	107.9	117.0	113.3	103.0	109.7	109.9	112.0	108.6	104.4	105.3
26 Manufacture of computers, electronic and optical products	114.4	102.2	135.2	135.1	112.5	135.2	110.7	106.6	112.0	109.6
27 Manufacture of electrical equipment	103.2	110.7	102.6	110.2	107.4	112.1	106.9	110.0	102.5	98.0
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	110	104.1	111.9	101.1	99.9
29 Manufacture of motor vehicle, trailers and semi-trailers	108.9	113.9	123.1	127.0	117.5	102.8	116.0	107.3	93.3	110.1
30 Manufacture of other transport equipment	91.7	98.3	101.2	104.2	107.2	108.9	104.0	94.9	90.2	100.2
31 Manufacture of furniture	118.9	96.0	103.5	107.4	111.1	108.7	112.7	111.6	106.0	99.3
32 Other manufacturing	-	-	-	-	-	113	111.7	172.4	66.0	93.1
33 Repair and installation of machinery and equipment	-	-	-	-	-	102	106.7	101.9	89.4	89.9
Total Manufacturing Industry	105.8	105.9	107.6	109.8	107.4	111.3	110.1	109.1	103.3	104.7

Table 11.12. Index of Selected Industrial Production for Manufacturing Industry in Viet Nam, 2012-2021 (Continued)

(2011=100; annual change in percent)

Divison	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Change in Index										
10 Manufacture of food products	7.9	-1.7	-1.2	2.9	0.4	-2.1	2.0	1.3	-4.6	-1.6
11 Manufacture of beverages	11.3	-1.9	0.3	-2.3	3.2	-3.9	1.7	2.5	-14.2	1.2
12 Manufacture of tobacco products	0.7	5.4	-17.7	18.8	-0.5	-2.3	7.9	-5.6	-0.5	-1.8
13 Manufacture of textiles	4.2	16.1	-1.0	-4.8	2.5	-6.0	2.4	-1.0	-10.6	8.9
14 Manufacture of wearing apparels	7.5	3.1	1.2	-6.8	2.8	1.5	1.7	-3.6	-11.0	13.0
15 Manufacture of leather and related products	7.8	10.1	2.8	-4.1	-11.6	3.5	3.1	-0.4	-11.8	8.6
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	-	-	-	-0.6	6.0	-13.5	7.7
17 Manufacture of paper and paper products	15.2	4.2	-3.7	-3.4	-4.0	2.3	3.9	-2.0	-3.7	-3.2
18 Printing and reproduction of recorded media	-	-	-	-	-	-	-2.0	7.0	-15.4	1.8
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	-	80.6	-26.8	-9.1	-1.4
20 Manufacture of chemicals and chemical products	10.0	-1.9	-3.3	0.5	-3.4	4.8	1.9	-1.6	0.2	-6.7
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	6.0	4.9	-8.4	1.6	-0.7	5.2	10.5	-18.1	24.5	-31.9
22 Manufacture of rubber and plastic products	10.4	-0.8	-5.4	7.6	-1.1	2.7	-8.8	10.7	-8.3	-2.2
23 Manufacture of other non-methalic mineral products	-5.1	10.2	4.1	3.0	0.2	-3.1	1.8	-3.0	-5.5	0.1
24 Manufacture of basic metals	6.4	-7.7	11.9	2.0	5.1	3.6	2.4	2.9	-11.1	6.7
25 Manufacture of fabricated metal products, except machinery and equipment	7.9	8.4	-3.2	-9.0	6.5	0.2	1.9	-3.0	-3.9	0.9
26 Manufacture of computers, electronic and optical products	14.4	-10.6	32.3	-0.1	-16.7	20.2	-18.1	-3.6	5.1	-2.1
27 Manufacture of electrical equipment	3.2	7.3	-7.4	7.4	-2.6	4.4	-4.6	2.9	-6.9	-4.4
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	-5.1	7.5	-9.6	-1.2
29 Manufacture of motor vehicle, trailers and semi-trailers	8.9	4.6	8.1	3.2	-7.5	-12.5	12.8	-7.5	-13.0	18.0
30 Manufacture of other transport equipment	-8.3	7.2	2.9	2.9	2.9	1.6	-4.5	-8.7	-5.0	11.1
31 Manufacture of furniture	18.9	-19.3	7.8	3.8	3.4	-2.2	3.7	-1.0	-5.0	-6.3
32 Other manufacturing	-	-	-	-	-	-	-1.0	54.4	-61.7	41.0
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	5.0	-4.5	-12.2	0.5
Total Manufacturing Industry	5.8	0.1	1.6	2.0	-2.2	3.6	-1.1	-0.9	-5.3	1.3

Chapter 12

OTHER SOCIAL INDICATORS

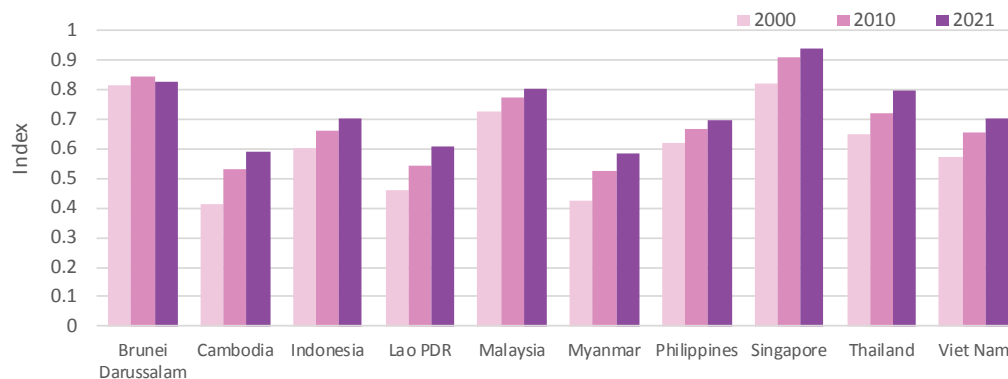


Table 12.1. Human Development Index (HDI) in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	0.860	0.863	0.864	0.865	0.852	0.853	0.845	0.838	0.830	0.829
Cambodia	0.546	0.553	0.558	0.563	0.576	0.582	0.581	0.594	0.596	0.593
Indonesia	0.677	0.682	0.686	0.689	0.691	0.694	0.707	0.718	0.709	0.705
Lao PDR	0.563	0.573	0.582	0.586	0.598	0.601	0.604	0.613	0.608	0.607
Malaysia	0.779	0.783	0.787	0.789	0.799	0.802	0.804	0.810	0.806	0.803
Myanmar	0.540	0.547	0.552	0.556	0.574	0.578	0.584	0.583	0.600	0.585
Philippines	0.671	0.676	0.679	0.682	0.696	0.699	0.712	0.718	0.710	0.699
Singapore	0.920	0.922	0.924	0.925	0.930	0.932	0.935	0.938	0.939	0.939
Thailand	0.733	0.737	0.738	0.740	0.748	0.755	0.765	0.777	0.802	0.800
Viet Nam	0.668	0.675	0.678	0.683	0.689	0.694	0.693	0.704	0.710	0.703

Source :
UNDP - Human Development Report

Chart 12.1. Trend of HDI in ASEAN, 2000, 2010 and 2021



Source : UNDP - Human Development Report

Table 12.2. Proportion of Population below the National Poverty Line in ASEAN¹⁾, 2012-2021

(in percent)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cambodia	18.9	16.0	13.5	13.5	13.5	-	-	17.8	17.8	-
Indonesia	12.0	11.4	11.3	11.2	10.9	10.6	9.8	9.4	9.8	10.1
Lao PDR	-	23.2	-	24.0	-	-	18.3	-	-	-
Malaysia	-	-	-	-	7.6	-	-	5.6	8.4	-
Myanmar	-	-	-	19.4	32.1	24.8	-	-	-	-
Philippines	25.2	-	-	23.5	-	-	16.7	-	-	18.1
Singapore	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	-	-	10.5	7.2	8.6	7.9	9.9	6.2	6.8	-
Viet Nam	11.1	9.8	8.4	7.0	9.2	7.9	6.8	5.7	4.8	4.4

Source:
ASEAN Secretariat

Note:

1) Malaysia's poverty rates refer to proportion of household living below the national poverty line while Viet Nam's poverty rates refer to the multidimensional poverty rate at national level

n.a. not applicable

^{1,2} not available at the time of publication

Table 12.3. Gini Coefficient in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	0.290	0.270	0.300	0.300	0.280	0.290	-	-	-	-
Indonesia	0.410	0.413	0.406	0.408	0.397	0.393	0.389	0.382	0.381	0.384
Lao PDR	-	0.362	-	-	-	-	-	-	-	-
Malaysia	0.431	-	0.401	-	0.399	-	-	0.407	-	-
Myanmar	-	-	-	0.350	-	0.300	-	-	-	-
Philippines	0.461	-	-	0.444	-	-	0.427	-	-	0.441
Singapore	0.478	0.463	0.464	0.463	0.458	0.459	0.458	0.452	0.452	0.444
Thailand	-	0.465	-	0.445	-	0.453	-	0.430	-	-
Viet Nam	0.424	-	0.430	-	0.431	-	0.424	0.395	0.372	0.352

Source:
ASEAN Secretariat

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

Table 12.4. Proportion of Seats in National Legislature Held by Women in ASEAN, 2012-2021

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	6.1	6.1	6.1	6.1	6.3	9.0	8.3	8.3	8.3	8.3
Cambodia	20.3	20.3	20.3	20.3	17.8	-	25.0	-	-	-
Indonesia	18.2	18.6	18.6	17.1	17.3	17.3	17.3	20.5	20.5	20.5
Lao PDR	25.0	25.0	25.0	25.0	27.5	27.5	-	-	-	-
Malaysia	10.4	10.4	10.4	11.0	10.8	10.9	14.0	14.4	14.4	-
Myanmar	3.5	6.0	5.6	5.0	10.4	10.9	11.6	11.6	11.7	-
Philippines	22.9	22.9	27.3	26.0	28.7	-	-	28.7	-	-
Singapore	22.2	24.2	25.3	25.3	23.8	23.8	23.8	23.8	29.8	29.8
Thailand	15.8	15.8	15.8	13.0	-	-	-	-	-	-
Viet Nam	24.4	24.4	24.3	24.3	26.7	26.8	26.8	26.8	26.8	30.3

Source:
ASEAN Secretariat

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

Chapter 13

OTHER SECTORS



Table 13.1. Values of Crude Oil¹⁾ Exports in ASEAN, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	6,262.7	5,119.3	4,417.5	2,369.7	2,405.7	2,217.9	2,699.6	2,854.0	1,276.3	2,322.2
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	12,293.4	10,204.7	9,215.0	6,457.0	5,196.7	5,237.6	5,151.9	1,726.6	1,396.9	2,795.9
Lao PDR	-	-	-	-	-	-	-	0.0	0.0	-
Malaysia	10,464.1	10,210.1	10,535.3	6,854.7	5,650.6	7,019.5	9,457.0	7,029.4	4,711.0	4,839.4
Myanmar	-	-	0.0	61.1	51.8	177.3	59.5	77.7	18.7	0.0
Philippines	597.8	975.5	1,047.2	289.7	173.6	195.8	202.7	170.1	221.4	216.3
Singapore	0.2	0.4	0.1	16.4	0.2	69.8	51.2	0.0	0.0	169.0
Thailand	1,662.2	1,163.5	421.0	64.0	501.1	695.5	781.9	663.9	393.5	428.1
Viet Nam	7,946.7	6,871.5	5,889.7	3,630.4	2,378.1	2,830.8	2,146.7	1,892.6	1,568.4	1,672.3
ASEAN	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,444.2	20,550.5	14,414.3	9,586.0	12,443.1

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code : SITC 333
'-'- not available at the time of publication

Table 13.2. Values of Crude Oil¹⁾ Imports in ASEAN, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,161.0	1,470.1	3,804.7
Cambodia	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
Indonesia	10,803.2	13,585.8	13,072.4	8,063.3	6,730.5	7,063.6	9,161.3	5,704.6	3,391.7	7,047.2
Lao PDR	27.7	6.2	6.8	3.2	2.6	2.2	2.9	3.2	3.9	35.8
Malaysia	8,981.8	7,163.0	7,725.7	3,384.2	2,826.0	3,960.7	5,713.2	6,479.3	4,606.9	3,473.7
Myanmar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Philippines	7,618.8	6,617.1	6,287.3	3,952.4	2,905.1	3,492.2	5,190.8	3,511.8	1,345.6	2,020.4
Singapore	39,827.6	35,559.1	34,398.9	18,234.5	15,049.9	21,420.2	27,965.7	24,253.0	14,402.6	22,615.3
Thailand	35,843.2	37,396.1	33,216.5	19,521.2	15,176.0	19,858.2	22,389.8	21,972.8	17,388.5	25,437.7
Viet Nam	583.9	1,123.1	452.4	99.4	199.9	635.7	2,914.3	3,809.0	3,840.3	5,032.2
ASEAN	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,432.7	73,338.1	66,894.8	46,449.6	69,467.0

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code : SITC 333
'-'- not available at the time of publication

Table 13.3. Values of Petroleum Products¹⁾ Exports in ASEAN, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	0.2	0.4	0.4	0.2	0.3	8.0	3.9	532.1	1,551.7	3,205.6
Cambodia	-	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Indonesia	1,774.8	1,611.4	1,301.1	553.2	400.4	909.0	925.8	799.0	706.2	1,366.1
Lao PDR	-	0.0	0.5	4.7	7.8	0.8	0.0	0.0	0.0	0.1
Malaysia	14,596.7	19,376.0	18,485.6	10,621.2	11,146.9	13,210.3	16,264.1	14,914.4	12,785.0	20,757.5
Myanmar	0.0	-	0.0	2.3	67.4	214.3	285.1	42.8	21.4	5.3
Philippines	465.0	834.0	445.7	312.8	196.8	395.6	494.0	225.7	194.3	5.7
Singapore	73,240.8	69,256.3	66,220.0	42,090.0	36,105.4	46,540.2	52,064.6	45,922.9	27,474.0	41,276.3
Thailand	11,388.5	11,473.5	9,811.1	6,932.8	4,863.0	6,112.9	7,793.1	6,554.3	4,680.5	7,875.8
Viet Nam	1,666.4	1,146.1	973.4	739.2	640.7	847.7	1,142.9	1,137.9	614.5	1,006.0
ASEAN	103,132.6	103,697.8	97,238.0	61,256.5	53,428.7	68,238.9	78,973.7	70,129.0	48,027.7	75,498.4

Source:
ASEAN Secretariat

Note:
1) Petroleum product code : SITC 334
'- ' not available at the time of publication

Table 13.4. Values of Petroleum Products¹⁾ Imports in ASEAN, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Brunei Darussalam	254.6	268.5	362.8	193.0	222.3	264.1	268.6	411.2	387.0	379.8
Cambodia	1,107.8	944.3	294.9	1,089.2	888.9	1,108.1	1,616.8	1,574.9	983.3	1,276.8
Indonesia	28,038.2	27,850.9	26,717.3	14,008.5	9,940.9	14,119.6	17,144.1	13,085.0	7,967.7	13,970.6
Lao PDR	602.3	546.5	652.3	644.1	589.0	608.9	770.3	734.2	506.9	653.5
Malaysia	13,104.5	22,051.7	22,822.1	14,802.9	11,895.6	16,668.3	20,168.2	17,503.0	13,409.4	19,997.6
Myanmar	1,793.8	1,714.6	2,680.3	1,816.4	1,641.7	3,376.7	3,865.0	3,491.1	2,446.7	2,657.0
Philippines	4,977.5	5,282.6	5,873.9	3,337.0	3,953.1	5,604.0	6,744.5	7,626.0	4,554.6	9,938.0
Singapore	77,314.7	74,613.4	72,384.3	42,675.5	33,081.0	45,904.4	54,335.0	45,940.7	31,356.0	46,557.6
Thailand	3,441.6	3,676.2	5,573.1	2,993.2	3,557.1	4,348.8	4,177.3	6,140.9	3,415.4	5,451.9
Viet Nam	9,334.8	7,386.4	7,444.8	5,729.5	5,340.6	7,308.3	8,060.1	6,348.8	3,776.7	4,782.9
ASEAN	139,969.9	144,335.0	144,805.9	87,289.3	71,110.2	99,311.2	117,150.0	102,855.8	68,803.8	105,666.0

Source:
ASEAN Secretariat

Note:
1) Petroleum product code : SITC 334
'- ' not available at the time of publication

Table 13.5. Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2012-2021

(in million US\$)

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Crude Oil¹⁾										
Exports	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,444.2	20,550.5	14,414.3	9,586.0	12,443.1
Imports	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,432.7	73,338.1	66,894.8	46,449.6	69,467.0
Net Exports	-64,459.3	-66,905.1	-63,634.2	-33,515.1	-26,532.4	-37,988.5	-52,787.6	-52,480.5	-36,863.5	-57,023.9
Export/Imports	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.2
Petroleum Products²⁾										
Exports	103,132.6	103,697.8	97,238.0	61,256.5	53,428.7	68,238.9	78,973.7	70,129.0	48,027.7	75,498.4
Imports	139,969.9	144,335.0	144,805.9	87,289.3	71,110.2	99,311.2	117,150.0	102,855.8	68,803.8	105,666.0
Net Exports	-36,837.3	-40,637.3	-47,567.9	-26,032.7	-17,681.6	-31,072.3	-38,176.3	-32,726.8	-20,776.2	-30,167.6
Export/Imports	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code : SITC 333
2) Petroleum product code : SITC 334

Chart 13.1. Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2012-2021

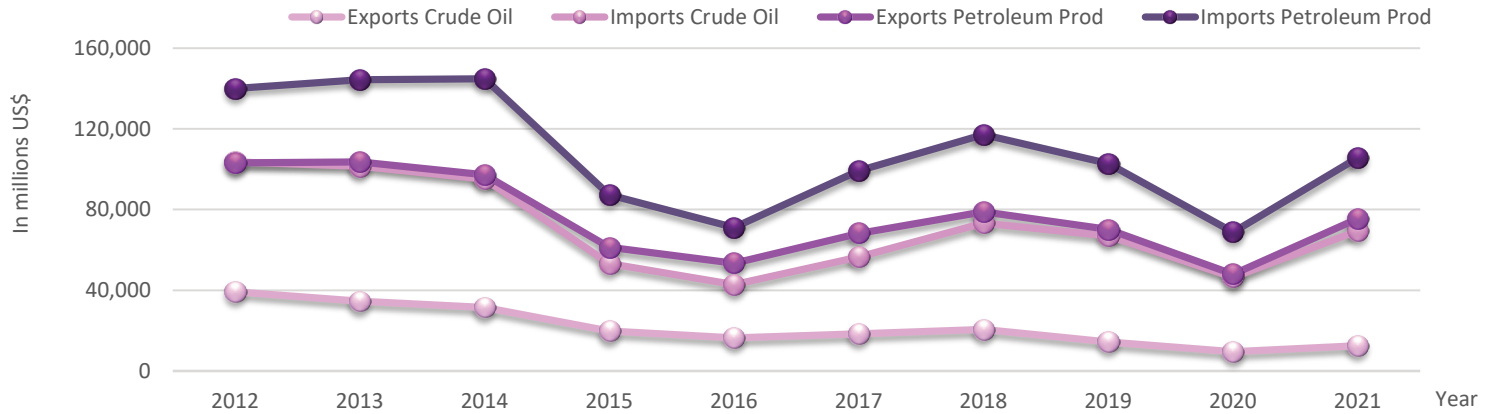


Table 13.6. ASEAN Major Market of Crude Oil¹⁾ Exports and the Values, 2018-2021

(in million US\$)

No	Country	2018	No	Country	2019	No	Country	2020	No	Country	2021
1	ASEAN	8,030.5	1	ASEAN	6,464.3	1	ASEAN	3,970.3	1	ASEAN	6,186.2
2	Australia	4,561.8	2	Australia	2,686.3	2	Australia	1,588.1	2	Australia	2,829.1
3	India	2,461.4	3	India	2,326.3	3	India	1,431.9	3	India	1,312.2
4	China	1,359.5	4	China	1,031.3	4	China	1,357.9	4	Japan	956.5
5	Japan	1,201.2	5	Japan	831.9	5	Japan	614.5	5	China	760.5
6	Korea, Republic of	1,101.1	6	Korea, Republic of	588.7	6	Korea, Republic of	368.3	6	New Zealand	155.8
7	USA	863.7	7	New Zealand	416.9	7	New Zealand	218.0	7	Korea, Republic of	111.5
8	New Zealand	476.1	8	Taiwan, Province of China	44.1	8	USA	22.8	8	Switzerland	78.0
9	Taiwan, Province of China	408.4	9	Papua New Guinea	24.5	9	Papua New Guinea	8.7	9	Taiwan, Province of China	36.8
10	Papua New Guinea	46.9	10	European Union	0.0	10	Nigeria	5.4	10	Papua New Guinea	16.5
	Top 10	20,510.6		Top 10	14,414.3		Top 10	9,585.9		Top 10	12,443.1
	Others	39.9		Others	0.0		Others	0.1		Others	0.0
	Total	20,550.5		Total	14,414.3		Total	9,586.0		Total	12,443.1

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code : SITC 333

Table 13.7. ASEAN Major Supplier (Origin) of Crude Oil¹⁾ Imports and the Values, 2018-2021

(in million US\$)

No	Country	2018	No	Country	2019	No	Country	2020	No	Country	2021
1	Saudi Arabia	16,391.1	1	United Arab Emirates	14,568.0	1	Saudi Arabia	8,345.7	1	United Arab Emirates	14,668.8
2	United Arab Emirates	14,264.1	2	Saudi Arabia	12,908.4	2	United Arab Emirates	8,315.1	2	Saudi Arabia	11,470.4
3	ASEAN	8,091.0	3	ASEAN	6,956.5	3	Kuwait	4,870.2	3	ASEAN	7,026.4
4	Kuwait	7,810.5	4	Kuwait	6,008.8	4	ASEAN	4,531.5	4	Kuwait	5,046.3
5	Qatar	7,187.7	5	Qatar	6,003.1	5	USA	3,578.4	5	Qatar	4,591.1
6	Australia	3,184.4	6	Australia	3,517.6	6	Qatar	3,058.8	6	USA	4,210.9
7	Nigeria	2,807.1	7	USA	3,160.7	7	Australia	2,533.4	7	Australia	3,927.9
8	Russian Federation	2,573.1	8	Nigeria	2,761.6	8	Nigeria	2,466.6	8	Nigeria	3,737.1
9	USA	1,682.0	9	Russian Federation	2,326.5	9	Russian Federation	1,587.2	9	Angola	2,564.9
10	Libyan Arab Jamahiriya	1,584.9	10	Iraq	1,449.4	10	Angola	1,555.6	10	Russian Federation	1,816.8
	Top 10	65,575.9		Top 10	59,660.6		Top 10	40,842.4		Top 10	59,060.5
	Others	7,762.2		Others	7,234.2		Others	5,607.2		Others	10,406.5
	Total	73,338.1		Total	66,894.8		Total	46,449.6		Total	69,467.0

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code : SITC 333

Table 13.8. ASEAN Major Market of Petroleum Products¹⁾ Exports and the Values, 2018-2021

(in million US\$)

No	Country	2018	No	Country	2019	No	Country	2020	No	Country	2021
1	ASEAN	45,897.9	1	ASEAN	40,207.5	1	ASEAN	27,137.6	1	ASEAN	39,806.9
2	Australia	6,966.4	2	Australia	5,475.3	2	Australia	3,591.0	2	Australia	9,094.9
3	China	6,431.7	3	China	5,111.4	3	China	3,420.5	3	China	4,189.2
4	Hong Kong	3,507.5	4	Hong Kong	2,916.0	4	Hong Kong	1,552.8	4	Bangladesh	3,152.1
5	Bangladesh	2,287.1	5	Bangladesh	2,298.9	5	USA	1,529.5	5	USA	2,536.0
6	Korea, Republic of	1,512.0	6	European Union	1,806.3	6	Bangladesh	1,309.6	6	Hong Kong	2,111.7
7	USA	1,318.6	7	USA	1,510.5	7	European Union	1,154.3	7	Korea, Republic of	1,999.2
8	European Union	1,140.9	8	Korea, Republic of	1,255.6	8	Korea, Republic of	1,001.2	8	European Union	1,399.0
9	Sri Lanka	1,124.4	9	Sri Lanka	1,018.6	9	India	923.5	9	India	1,057.5
10	Taiwan, Province of China	1,104.9	10	India	992.4	10	Taiwan, Province of China	690.7	10	Taiwan, Province of China	913.0
	Top 10	71,291.3		Top 10	62,592.6		Top 10	42,310.7		Top 10	66,259.4
	Others	7,682.4		Others	7,536.5		Others	5,716.9		Others	9,239.0
	Total	78,973.7		Total	70,129.0		Total	48,027.7		Total	75,498.4

Source:
ASEAN Secretariat

Note:
1) Petroleum product code : SITC 334

Table 13.9. ASEAN Major Supplier (Origin) of Petroleum Products¹⁾ Imports and the Values, 2018-2021

(in million US\$)

No	Country	2018	No	Country	2019	No	Country	2020	No	Country	2021
1	ASEAN	49,969.1	1	ASEAN	41,606.6	1	ASEAN	29,132.7	1	ASEAN	43,082.9
2	China	11,804.2	2	China	15,454.0	2	China	9,064.2	2	China	11,660.0
3	Korea, Republic of	9,756.8	3	Korea, Republic of	9,844.3	3	Korea, Republic of	5,694.4	3	Korea, Republic of	10,082.9
4	India	6,902.4	4	United Arab Emirates	6,854.9	4	United Arab Emirates	3,870.8	4	United Arab Emirates	7,798.5
5	United Arab Emirates	5,706.7	5	India	4,627.2	5	India	3,699.1	5	India	5,824.5
6	European Union	5,403.3	6	Russian Federation	4,028.6	6	Saudi Arabia	2,323.0	6	Saudi Arabia	3,577.7
7	Russian Federation	5,078.4	7	Iraq	2,870.0	7	Iraq	1,667.4	7	European Union	3,517.8
8	Saudi Arabia	4,953.5	8	Saudi Arabia	2,812.5	8	European Union	1,626.5	8	Taiwan, Province of China	3,287.7
9	Iraq	3,163.1	9	European Union	2,766.3	9	Russian Federation	1,553.9	9	Qatar	2,273.6
10	Taiwan, Province of China	2,774.7	10	Taiwan, Province of China	2,290.3	10	Brazil	1,280.1	10	Brazil	2,092.6
	Top 10	105,512.4		Top 10	93,154.8		Top 10	59,911.9		Top 10	93,198.2
	Others	11,637.6		Others	9,701.0		Others	8,891.9		Others	12,467.8
	Total	117,150.0		Total	102,855.8		Total	68,803.8		Total	105,666.0

Source:
ASEAN Secretariat

Note:
1) Petroleum product code : SITC 334

Table 13.10. Forest Areas as Proportion of Total Areas in ASEAN, 2000, 2010 and 2020

Country	Total Forest Area (000 Ha)			Forest Areas as Proportion of Land Areas (%)			
	2000	2010	2020	2000	2010	2020	Annual Change 2000-2020
Brunei Darussalam	397.0	380.0	380.0	75.3	72.1	72.1	-0.2
Cambodia	11,546.0	10,094.0	8,068.4	65.4	57.2	45.7	-1.8
Indonesia	99,409.0	94,432.0	92,133.2	54.9	52.1	49.1	-0.6
Lao PDR	16,526.0	17,815.6	16,595.5	71.6	77.2	71.9	0.0
Malaysia	21,591.0	22,124.0	19,114.0	65.7	67.3	58.2	-0.6
Myanmar	34,868.0	31,773.0	28,543.9	53.4	48.6	43.7	-1.0
Philippines	7,027.0	6,840.0	7,188.6	23.6	22.9	24.1	0.1
Singapore	16.4	16.4	15.6	24.4	24.4	21.7	-0.6
Thailand	17,011.0	16,249.0	19,873.0	33.3	31.8	38.9	0.8
Viet Nam	11,727.0	14,128.0	14,643.1	37.7	45.4	46.7	1.1
ASEAN	220,118.3	213,851.9	206,555.3				

Source:
FAO Statistics Division 2022; <http://faostat.fao.org>

Table 13.11. Terrestrial Protected Areas¹⁾ in ASEAN, 1990, 2000 and 2021

Country	Protected Area (% of total land area)		
	1990	2000	2021
Brunei Darussalam	36.9	44.1	46.9
Cambodia	0.0	23.1	39.7
Indonesia	10.1	13.6	12.2
Lao PDR	1.5	16.6	18.7
Malaysia	17.2	18.2	13.3
Myanmar	3.0	3.7	6.6
Philippines	8.7	10.8	15.9
Singapore	5.4	5.6	5.6
Thailand	11.9	16.8	18.5
Viet Nam	4.6	6.1	7.6

Source:
World Bank - World Development Indicators

Notes:

1) 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, 2012-2021

(in million US\$)

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN ¹⁾
Cellular/Mobile Phone Density (per 100 persons)	2012	117.5	129.6	114.9	66.0	140.0	7.4	104.5	151.8	125.2	148.3	111.7
	2013	115.4	135.4	125.9	69.1	143.6	13.3	103.5	156.0	137.5	137.9	116.7
	2014	113.1	132.7	126.5	67.8	148.5	51.6	110.0	148.0	141.4	150.1	123.4
	2015	108.1	133.0	132.6	53.1	143.9	75.7	115.8	148.4	152.7	128.8	126.6
	2016	120.7	127.5	149.1	55.4	137.9	89.3	109.2	149.8	172.6	128.0	135.1
	2017	128.3	85.3	164.4	92.0	131.2	89.8	110.1	150.8	175.6	126.9	147.3
	2018	131.9	82.8	119.3	92.0	130.2	113.8	126.2	148.8	180.2	147.2	128.3
	2019	132.7	75.2	126.1	92.0	135.4	137.7	154.8	159.1	186.2	141.2	139.1
	2020	120.4	-	130.1	95.0	133.6	-	-	148.2	166.6	142.7	140.0
	2021	-	-	133.7	-	142.1	-	-	158.8	-	-	138.7

Source:
ASEAN Secretariat

Note:
1) ASEAN Figure for 2020-2021 is estimated as the data for some AMS are not available
‘-’ not available at the time of publication

Table 13.13. Access to Internet Services in ASEAN, 2012-2021

(in million US\$)

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN ¹⁾
Internet Subscribers / Users per 100 Persons	2012	56.0	4.9	14.5	10.7	65.8	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	51.3	19.0	78.8	25.1	48.1	76.3	47.5	54.2	38.8
	2017	90.0	32.4	54.8	26.0	80.1	56.3	-	82.3	52.9	58.1	48.5
	2018	94.6	65.0	64.8	37.0	81.2	79.3	-	87.2	60.8	70.0	53.4
	2019	95.0	78.3	73.7	49.0	84.2	85.0	75.4	88.9	66.7	68.7	57.0
	2020	95.0	78.8	73.7	-	89.6	90.9	-	95.0	77.8	70.2	65.8
	2021 ²⁾	100.0	93.0	77.0	49.0	96.8	100.0	75.4	96.9	83.6	70.2	79.5

Source:
ASEAN Secretariat

Note:
1) ASEAN figure for 2020-2021 is estimated as the data for some AMS are not available
2) ASEAN figure for 2021 based on the latest available data for some AMS; Data for Brunei Darussalam and Myanmar were calculated based on the number subscriptions to internet provider companies. Consequently, there is possibility for one person to be counted multiple times if he/she subscribed to more than one provider.
‘-’ not available at the time of publication

Chart 13.2. Mobile Phone Density in ASEAN, 2012-2021

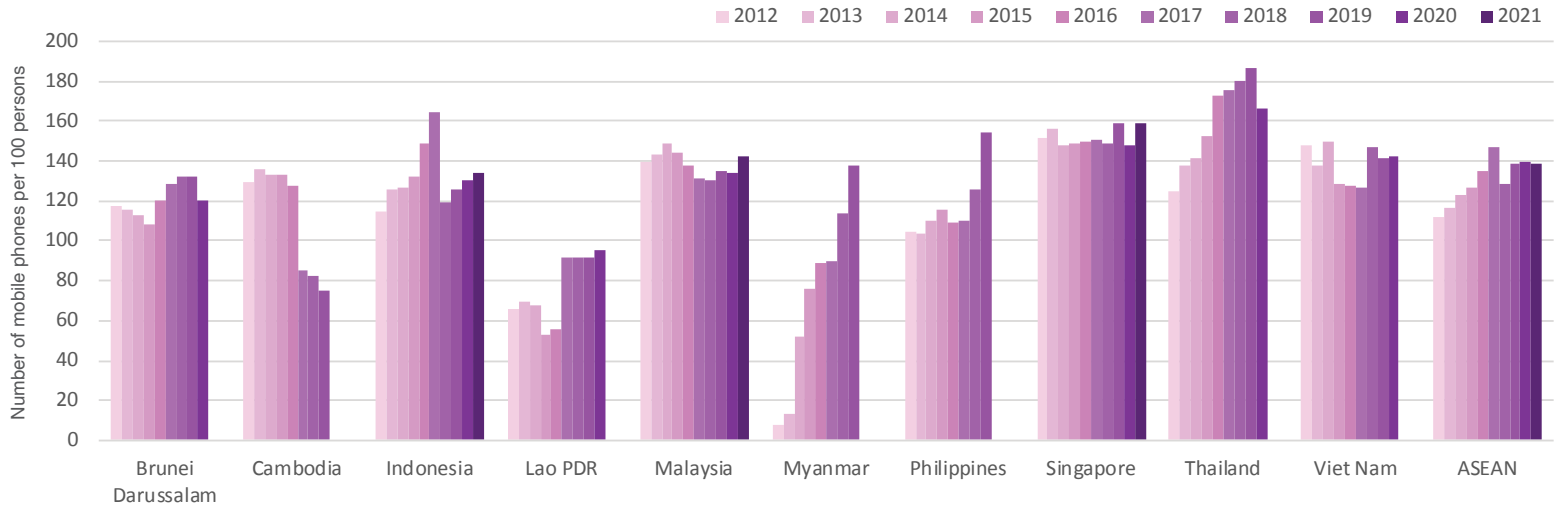
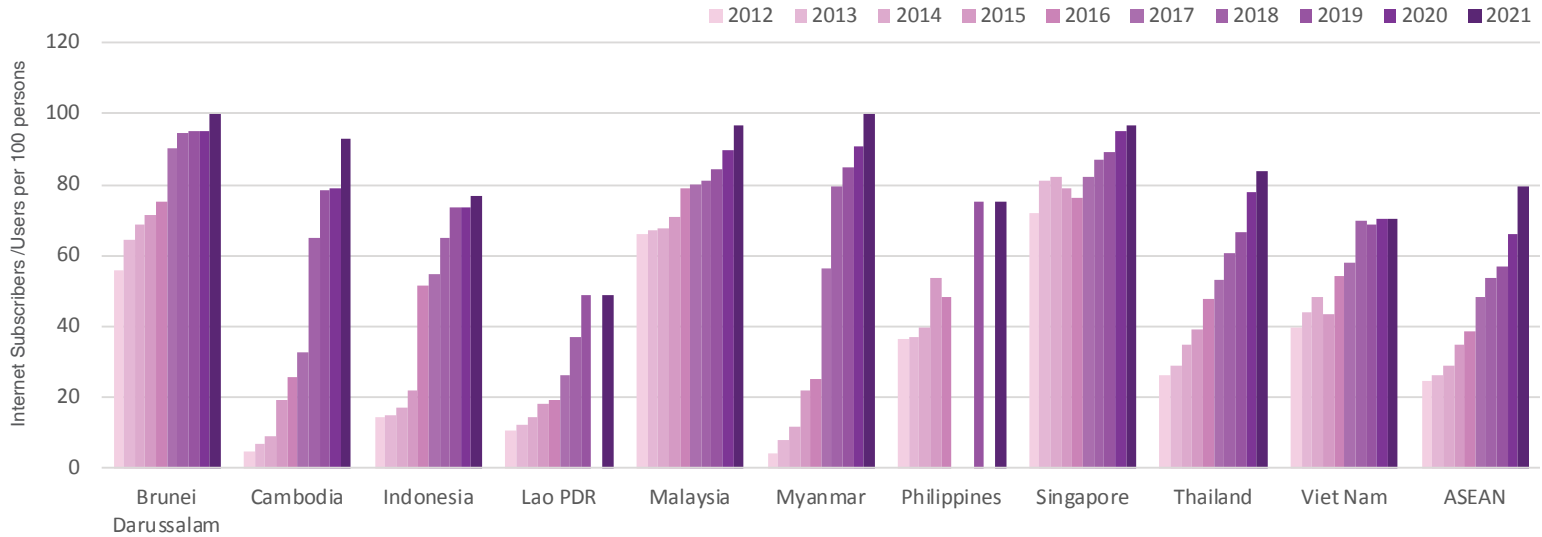


Chart 13.3. Internet Services Density in ASEAN, 2012-2021





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