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**The ASEAN Secretariat
Jakarta**

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FOREWORD

The **ASEAN Statistical Yearbook 2023** aims to provide readers with comprehensive time series data on the trends of social and economic development in the region during the past ten years, from 2013 to 2023. Covering a wide array of topics including population and demography, education and health, economic growth, inflation, employment, trade in goods and services, foreign direct investment, transport and tourism, agriculture and manufacturing sectors, this 19th edition of the ASEAN Statistical Yearbook introduces notable enhancements. Particularly, there is an increased focus on data disaggregation for economic indicators, providing a more nuanced understanding of variables such as Gross Domestic Product (GDP) by industrial breakdown and international merchandise trade statistics by modes of transport.

I am pleased to present this **ASEAN Statistical Yearbook 2023**, a result of collaborative efforts under the ASEAN Community Statistical System (ACSS), aimed at enhancing the production and dissemination of ASEAN statistics. May this publication prove to be a valuable and reliable resource for your decision-makings, particularly in research pursuit, studies as well as other applications.



DR. KAO KIM HOURN
Secretary-General of ASEAN
Jakarta, December 2023

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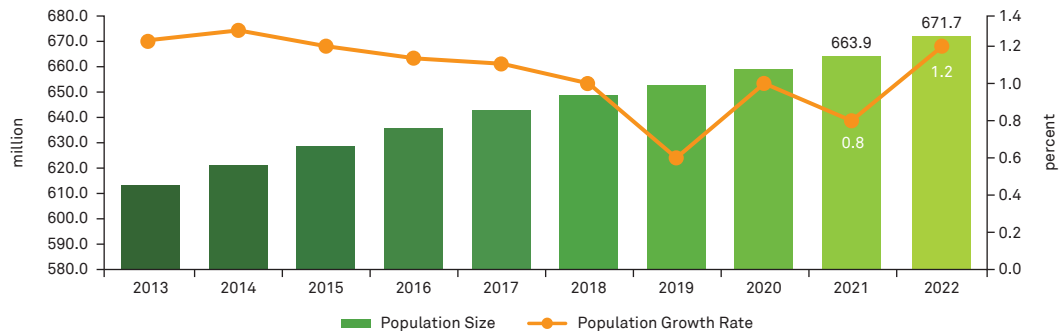
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Chapter 1

POPULATION

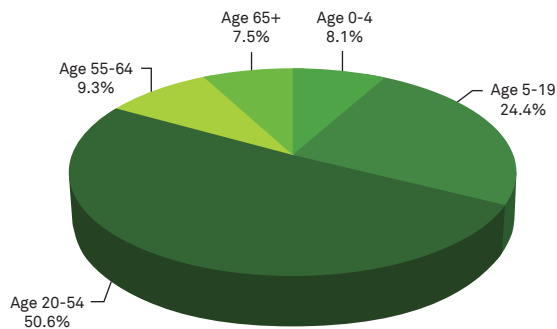


Chart 1.1. Number of Population and Population Growth Rate in ASEAN, 2013-2022



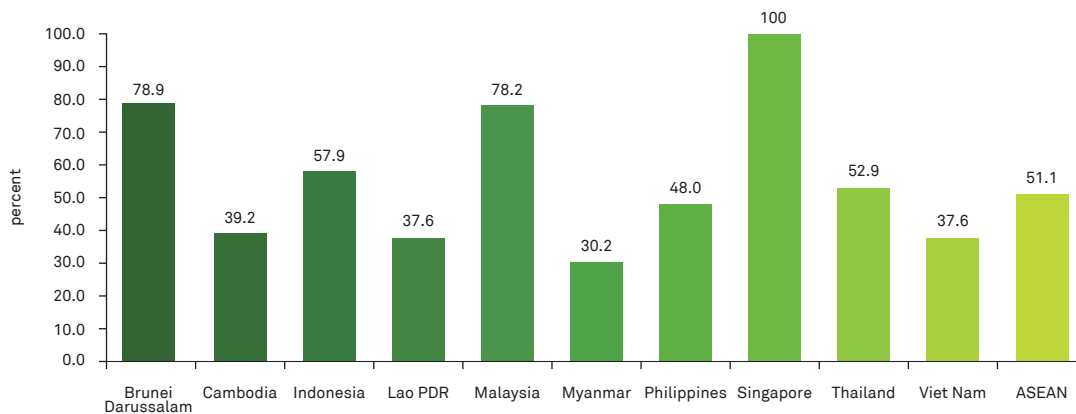
Source:
ASEAN Secretariat

Chart 1.2. ASEAN Population by Age Group in percentage, 2022



Source:
ASEAN Secretariat

Chart 1.3. ASEAN Urban Population, 2022



Source:

- ASEAN Secretariat
- World Bank - World Development Indicators for Brunei Darussalam, Indonesia, Lao PDR, Philippines, Thailand for all period, and Malaysia for 2022

Table 1.1. Number of Population in ASEAN, 2013-2022

(in thousand)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	406.2	411.9	412.4	417.3	421.3	442.4	459.5	453.6	430.0	445.4
Cambodia	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	16,843.3
Indonesia	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	275,719.9
Lao PDR	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	7,442.8
Malaysia	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	32,698.1
Myanmar	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	55,770.2
Philippines	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	111,572.3
Singapore	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	5,637.0
Thailand	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	66,090.0
Viet Nam	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	99,461.7
ASEAN	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	671,680.7

Source:
ASEAN Secretariat

Table 1.2. Population Growth in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	1.6	1.4	0.1	1.2	1.0	5.0	3.9	-1.3	-5.2	3.6
Cambodia	-0.4	1.7	1.7	1.7	1.7	1.7	0.6	1.6	1.6	1.5
Indonesia	1.4	1.3	1.4	1.1	1.1	1.1	1.0	1.2	0.8	1.3
Lao PDR	2.0	2.5	-2.0	1.7	1.7	1.6	1.6	1.9	1.1	1.4
Malaysia	2.4	1.6	1.6	1.4	1.2	1.1	0.4	-0.2	0.4	0.4
Myanmar	1.0	1.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Philippines	1.7	1.7	1.7	1.7	1.6	0.8	1.4	1.3	1.4	1.2
Singapore	1.6	1.3	1.2	1.3	0.1	0.5	1.2	-0.3	-4.1	3.4
Thailand	0.4	0.4	0.3	0.3	0.3	0.3	-3.4	-0.2	-0.3	1.3
Viet Nam	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	0.9	1.0
ASEAN	1.3	1.3	1.2	1.1	1.1	1.0	0.6	1.0	0.8	1.2

Source:
ASEAN Secretariat

Table 1.3. Population Density¹⁾ in ASEAN, 2013-2022

Country	Population Density (per Sq. Km)										Rank of Pop. Density in 2022
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Brunei Darussalam	70.5	71.4	71.5	72.4	73.1	76.7	79.7	78.7	74.6	77.3	9
Cambodia	81.1	82.5	83.9	85.4	86.8	88.3	88.8	90.2	91.7	93.0	7
Indonesia	131.5	133.3	135.1	136.6	138.1	139.6	141.0	142.8	143.9	145.7	4
Lao PDR	28.1	28.8	28.2	28.7	29.1	29.6	30.1	30.7	31.0	31.4	10
Malaysia	91.4	92.9	94.4	95.7	96.9	98.0	98.4	98.2	98.6	99.0	6
Myanmar	75.7	76.8	77.5	78.2	78.9	79.6	80.3	81.0	81.7	82.4	8
Philippines	327.3	332.9	338.5	344.1	349.7	352.5	357.6	362.2	367.3	371.9	2
Singapore	7,363.8	7,460.1	7,549.1	7,647.7	7,654.5	7,690.5	7,779.0	7,754.8	7,438.1	7,688.2	1
Thailand	134.2	134.7	135.2	135.6	136.0	136.4	131.8	131.5	131.1	132.9	5
Viet Nam	272.2	275.3	278.3	281.4	284.6	287.9	291.2	294.5	297.3	300.2	3
ASEAN	137.6	139.4	141.1	142.7	144.3	145.6	146.5	148.0	149.1	150.9	-

Source:
ASEAN Secretariat

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

Table 1.4. Population in ASEAN by Sex, 2022

Country	Number (in thousand)			Percentage			Sex Ratio
	Male	Female	Total	Male	Female	Total	
Brunei Darussalam	235.0	210.4	445.4	52.8	47.2	100	111.7
Cambodia	8,225.3	8,618.0	16,843.3	48.8	51.2	100	95.4
Indonesia	139,344.3	136,375.6	275,719.9	50.5	49.5	100	102.2
Lao PDR	3,728.5	3,714.3	7,442.8	50.1	49.9	100	100.4
Malaysia	17,039.8	15,658.3	32,698.1	52.1	47.9	100	108.8
Myanmar	26,661.4	29,108.9	55,770.3	47.8	52.2	100	91.6
Philippines	56,319.3	55,253.0	111,572.3	50.5	49.5	100	101.9
Singapore ¹⁾	1,990.2	2,083.0	4,073.2	48.9	51.1	100	95.5
Thailand	32,249.9	33,840.1	66,090.0	48.8	51.2	100	95.3
Viet Nam	49,603.7	49,858.0	99,461.7	49.9	50.1	100	99.5
ASEAN²⁾	335,397.4	334,719.6	670,117.0	50.1	49.9	100	100.2

Source:
ASEAN Secretariat

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

Table 1.5. Population in ASEAN by Age Group, 2022

Country	Number (in thousand)						Percentage					
	0-4	5-19	20-54	55-64	65+	Total	0-4	5-19	20-54	55-64	65+	Total
Brunei Darussalam	29.7	94.2	253.7	39.1	29.7	446.4	6.7	21.1	56.8	8.8	6.7	100
Cambodia	1,528.4	4,816.9	8,154.2	1,276.1	1,067.7	16,843.3	9.1	28.6	48.4	7.6	6.3	100
Indonesia	22,368.5	66,260.9	143,637.0	24,996.8	18,456.8	275,719.9	8.1	24.0	52.1	9.1	6.7	100
Lao PDR	753.2	2,250.0	3,633.6	457.6	348.4	7,442.8	10.1	30.2	48.8	6.1	4.7	100
Malaysia	2,374.1	7,987.8	17,266.2	2,706.3	2,363.7	32,698.1	7.3	24.4	52.8	8.3	7.2	100
Myanmar	4,984.5	14,785.7	27,220.1	4,863.6	3,916.2	55,770.2	8.9	26.5	48.8	8.7	7.0	100
Philippines	11,108.1	32,347.9	53,369.5	8,080.6	6,666.2	111,572.3	10.0	29.0	47.8	7.2	6.0	100
Singapore ¹⁾	178.1	610.5	2,018.7	587.8	678.1	4,073.2	4.4	15.0	49.6	14.4	16.6	100
Thailand	3,428.2	11,507.5	33,227.2	9,397.0	8,530.1	66,090.0	5.2	17.4	50.3	14.2	12.9	100
Viet Nam	7,561.6	23,138.6	50,628.6	9,903.4	8,229.5	99,461.7	7.6	23.3	50.9	10.0	8.3	100
ASEAN²⁾	54,314.3	163,800.0	339,408.8	62,308.4	50,285.5	670,117.0	8.1	24.4	50.6	9.3	7.5	100

Source:
ASEAN Secretariat

Notes:

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

Table 1.6. Urban Population in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	76.0	76.3	76.7	77.0	77.3	77.6	77.9	78.3	78.6	78.9
Cambodia	22.0	22.5	23.0	23.5	24.0	24.5	39.4	39.1	39.3	39.2
Indonesia	52.0	52.6	53.3	54.0	54.7	55.3	56.0	56.6	57.3	57.9
Lao PDR	31.9	32.5	33.1	33.7	34.4	35.0	35.6	36.3	36.9	37.6
Malaysia	73.0	73.6	74.3	74.8	75.2	75.6	76.2	75.1	77.7	78.2
Myanmar	30.8	29.2	29.3	29.4	29.5	30.0	30.0	29.9	30.1	30.2
Philippines	45.9	46.1	46.3	46.5	46.7	46.9	47.1	47.4	47.7	48.0
Singapore	100	100	100	100	100	100	100	100	100	100
Thailand	46.2	46.9	47.7	48.4	49.2	49.9	50.7	51.4	52.2	52.9
Viet Nam	32.0	33.2	33.5	33.7	33.9	34.2	35.0	36.8	37.1	37.6
ASEAN¹⁾	46.2	46.7	47.2	47.6	48.1	48.6	49.5	50.1	50.6	51.1

Source:

- ASEAN Secretariat
- World Bank - World Development Indicators for Brunei Darussalam, Indonesia, Lao PDR, Philippines, Thailand for all period, and Malaysia for 2022

Note:

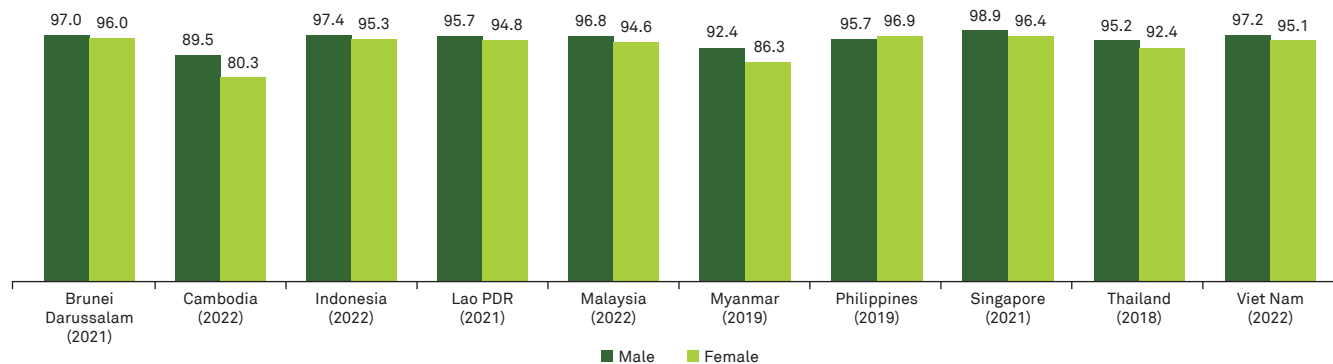
- 1) ASEAN figures are estimated based on AMS figures

Chapter 2

EDUCATION AND HEALTH



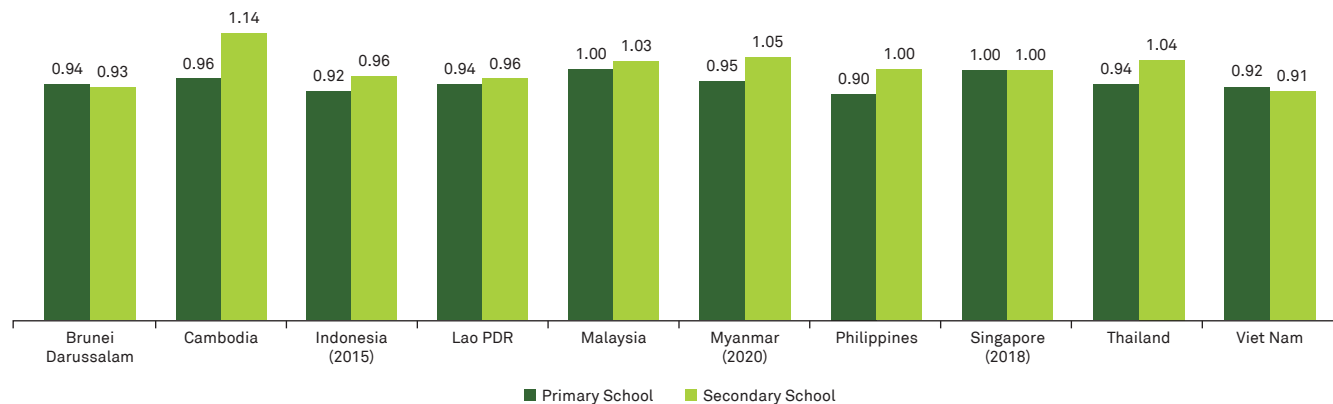
Chart 2.1. Adult Literacy Rate in ASEAN by Sex



Source:
ASEAN Secretariat

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

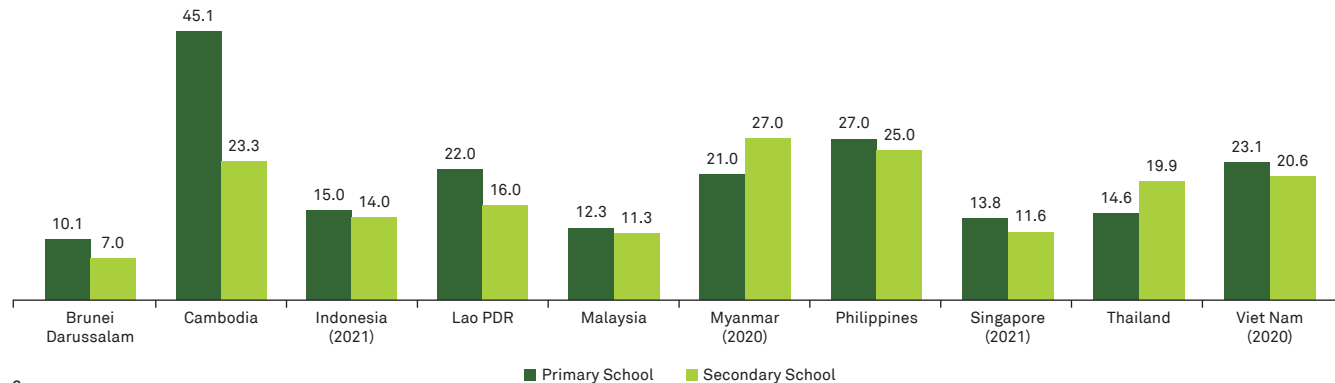
Chart 2.2. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2022



Source:
ASEAN Secretariat

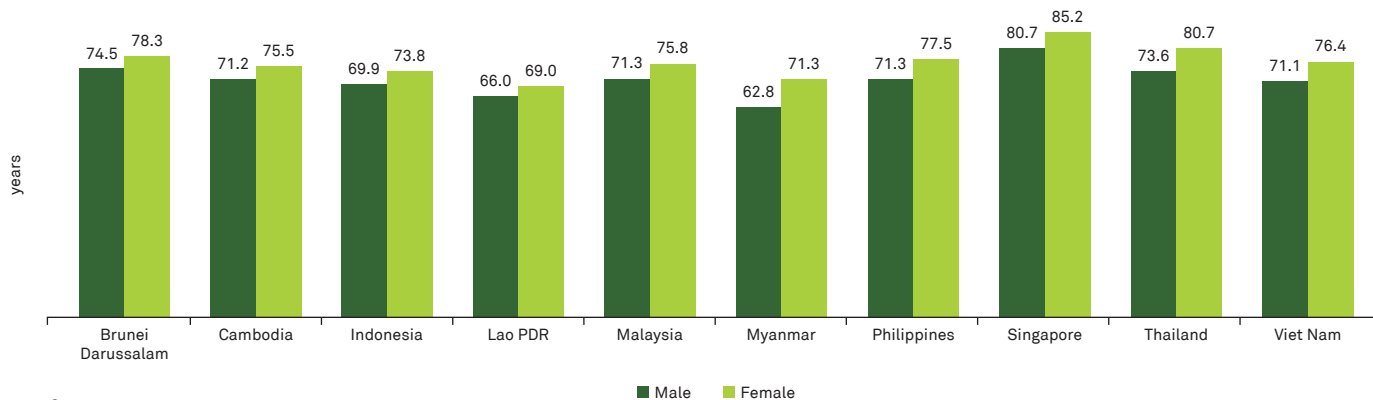
Note:
Data for Singapore refer to Gender Parity Index

Chart 2.3. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2022



Source:
ASEAN Secretariat

Chart 2.4. Life Expectancy at Birth by Sex in ASEAN, 2022



Source:
ASEAN Secretariat

Table 2.1. Adult Literacy Rate¹⁾ in ASEAN by Sex, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL										
Brunei Darussalam	97.2	96.5	96.6	96.9	97.0	97.1	97.2	97.3	96.5	-
Cambodia	80.7	78.1	80.5	84.4	82.5	82.5	81.9	-	84.7	84.7
Indonesia	93.9	95.1	95.2	95.4	95.5	95.7	95.9	96.0	96.0	96.4
Lao PDR	-	-	84.7	-	70.4	-	-	-	95.2	-
Malaysia	94.0	94.5	94.2	94.9	95.1	94.9	95.0	95.5	94.6	95.7
Myanmar	95.1	95.2	89.5	-	88.9	-	89.1	-	-	-
Philippines	96.4	-	-	-	-	-	96.3	-	-	-
Singapore	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	94.8	94.7	94.9	95.0	95.1	94.8	95.8	95.4	95.7	96.1
MALE										
Brunei Darussalam	98.1	97.7	97.8	98.0	98.0	98.1	98.2	98.2	97.0	-
Cambodia	87.7	84.8	86.5	90.0	87.3	87.3	87.2	-	89.5	89.5
Indonesia	96.5	96.8	97.1	97.2	97.2	97.3	97.5	97.5	97.4	97.4
Lao PDR	-	-	90.0	-	78.0	-	-	-	95.7	-
Malaysia	95.9	96.2	95.8	96.3	96.5	96.1	96.2	96.6	95.6	96.8
Myanmar	94.8	94.8	92.6	-	92.8	-	92.4	-	-	-
Philippines	96.0	-	-	-	-	-	95.7	-	-	-
Singapore	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	96.4	96.6	96.6	96.7	96.5	97.0	96.7	96.9	97.2
FEMALE										
Brunei Darussalam	96.3	95.3	95.3	95.7	95.9	96.0	96.1	96.2	96.0	-
Cambodia	74.4	71.8	75.0	79.3	78.1	78.1	77.1	-	80.3	80.3
Indonesia	91.4	93.5	93.3	93.6	93.8	94.0	94.3	94.6	94.7	95.3
Lao PDR	-	-	79.4	-	62.9	-	-	-	94.8	-
Malaysia	92.0	92.7	92.6	93.4	93.6	93.5	93.6	94.3	93.7	94.6
Myanmar	95.4	95.4	86.9	-	85.6	-	86.3	-	-	-
Philippines	96.8	-	-	-	-	-	96.9	-	-	-
Singapore	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	93.1	93.0	93.3	93.5	93.6	93.2	94.6	94.1	94.5	95.1

Source:
ASEAN Secretariat

Notes:

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⁾, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL										
Brunei Darussalam	93.5	92.5	92.5	93.8	93.5	93.2	-	-	-	-
Cambodia	95.6	94.5	93.9	93.5	92.6	92.4	91.0	86.7	86.8	86.8
Indonesia	95.6	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.8	97.9
Lao PDR	96.8	98.0	98.5	98.8	98.7	98.8	98.9	98.8	98.8	98.1
Malaysia	98.8	98.0	95.9	96.1	96.7	96.6	96.8	96.8	96.8	97.1
Myanmar	86.8	86.9	94.5	95.1	96.9	97.0	97.0	95.1	-	-
Philippines	97.2	97.2	96.9	96.2	94.2	94.1	94.0	89.1	89.8	87.7
Singapore	99.6	99.6	99.6	99.7	99.7	99.5	99.9	99.9	99.4	-
Thailand	-	-	-	100	100	99.4	99.9	99.9	99.9	100
Viet Nam	96.6	96.8	97.2	98.0	98.0	97.3	98.0	98.4	98.6	99.1
MALE										
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	95.4	94.1	93.3	93.2	92.4	92.0	91.2	84.5	85.8	85.8
Indonesia	95.7	96.6	96.5	97.0	97.3	97.8	97.6	97.7	97.8	97.9
Lao PDR	97.5	98.4	98.8	99.0	98.8	99.1	99.0	98.9	98.9	98.4
Malaysia	98.7	98.7	95.5	95.3	96.0	95.9	96.4	96.3	96.1	96.4
Myanmar	-	-	94.7	95.5	99.1	96.6	96.8	96.5	-	-
Philippines	96.7	96.9	96.7	96.2	94.1	94.3	93.8	88.9	89.6	86.9
Singapore	99.6	99.8	99.6	99.8	99.7	99.5	99.8	99.8	99.4	-
Thailand	-	-	-	-	-	99.9	99.9	100	100	100
Viet Nam	-	-	-	-	-	-	-	-	-	-
FEMALE										
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	95.8	94.9	94.7	93.9	92.9	92.8	91.4	89.8	87.9	87.9
Indonesia	95.5	96.3	96.9	96.7	97.0	97.4	97.7	97.7	97.8	97.9
Lao PDR	96.0	97.6	98.3	98.5	98.6	98.6	98.7	98.6	98.6	97.8
Malaysia	98.9	98.0	96.4	97.0	97.4	97.4	97.3	97.4	97.6	97.9
Myanmar	-	-	94.3	94.7	94.7	97.4	97.2	93.6	-	-
Philippines	97.7	97.5	97.2	96.1	94.3	93.9	94.2	89.3	89.9	88.6
Singapore ²⁾	99.6	99.4	99.6	99.6	99.6	99.5	100	100	99.3	-
Thailand	-	-	-	-	-	98.9	99.7	99.7	99.9	99.9
Viet Nam	-	-	-	-	-	-	-	-	-	-

Source:
ASEAN Secretariat

Notes:

- 1) The disaggregated data by sex is not available for Brunei Darussalam and Viet Nam
2) Singapore's data for the period of 2019 onward 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⁾, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL										
Brunei Darussalam	91.4	87.5	85.1	83.8	84.1	82.7	-	-	-	-
Cambodia	34.7	34.8	35.7	37.1	40.0	41.9	34.4	49.7	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Lao PDR	-	-	-	-	-	-	-	-	63.6	-
Malaysia	67.5	68.0	87.3	87.3	90.2	90.2	91.3	90.7	90.5	91.9
Myanmar	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	86.8	83.5
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	76.4	73.2	77.3	77.3	76.0
Viet Nam	-	-	-	-	-	-	-	-	-	-
MALE										
Brunei Darussalam	89.8	86.2	83.3	82.2	82.6	81.3	-	-	-	-
Cambodia	33.6	33.2	33.5	34.2	37.4	38.3	36.8	45.2	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Lao PDR	-	-	-	-	-	-	-	-	64.0	-
Malaysia	64.8	65.0	83.6	84.3	88.0	87.4	88.8	87.9	98.0	90.0
Myanmar	-	-	43.7	44.7	51.1	54.6	60.3	60.5	-	-
Philippines	-	-	-	70.0	70.9	75.4	79.2	77.8	83.2	80.3
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	72.9	68.9	73.5	73.5	70.1
Viet Nam	-	-	-	-	-	-	-	-	-	-
FEMALE										
Brunei Darussalam	93.2	88.8	87.0	85.5	85.6	84.1	-	-	-	-
Cambodia	35.8	36.5	38.0	40.1	42.7	45.7	39.2	54.5	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Lao PDR	-	-	-	-	-	-	-	-	63.2	-
Malaysia	70.3	71.2	91.3	90.6	92.5	93.3	93.9	93.6	93.1	93.9
Myanmar	-	-	47.9	50.4	57.1	61.0	65.7	64.8	-	-
Philippines	-	-	-	81.1	81.3	84.7	87.6	86.4	90.6	86.9
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	79.9	77.6	81.3	81.3	82.2
Viet Nam	-	-	-	-	-	-	-	-	-	-

Source:
ASEAN Secretariat

Notes:

1) The indicator is no longer applicable for Indonesia, Singapore, and Viet Nam
 '-' not available at the time of publication

Table 2.4. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Primary School										
Brunei Darussalam	0.95	0.95	0.94	0.95	0.94	0.94	0.94	0.94	0.94	0.94
Cambodia	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	0.92	0.92	0.92	0.93	0.93	1.07	0.94	0.94	0.94
Malaysia	1.00	1.00	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Myanmar	0.96	0.96	0.96	0.95	0.95	0.94	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
Singapore ¹⁾	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	0.98	0.92	0.92	0.92	0.92	0.92	0.91	0.91	0.90	0.92
Secondary School										
Brunei Darussalam	0.95	0.93	0.94	0.95	0.93	0.93	0.94	0.93	0.93	0.93
Cambodia	0.96	1.00	1.03	1.07	1.09	1.11	1.14	1.16	1.14	1.14
Indonesia	-	-	0.96	-	-	-	-	-	-	-
Lao PDR	0.86	0.88	0.89	0.90	0.90	0.91	1.09	0.95	0.90	0.96
Malaysia	1.07	1.07	1.08	1.06	1.07	1.06	1.05	1.10	1.04	1.03
Myanmar	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
Singapore ¹⁾	1.00	1.00	1.00	1.00	1.00	1.00	-	-	-	-
Thailand	-	-	-	-	-	1.06	1.06	1.05	1.05	1.04
Viet Nam	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.91

Source:
ASEAN Secretariat

Notes:

1) Singapore's data refer to Gender Parity Index for Total Net Enrolment Rate. Since 2019, the ratio of girls to boys in secondary school is no longer applicable
 '--' not available at the time of publication

Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Primary School										
Brunei Darussalam	10.3	10.3	10.0	10.2	10.2	9.9	9.8	9.3	9.9	10.1
Cambodia	46.2	45.4	44.8	43.8	44.0	44.5	45.1	44.8	45.1	45.1
Indonesia	17.5	17.2	-	14.0	17.2	15.7	16.0	16.0	15.0	-
Lao PDR	-	-	24.2	23.0	-	-	-	-	22.3	22.0
Malaysia	-	-	11.5	11.6	11.6	11.9	12.0	12.0	12.3	12.3
Myanmar	28.0	28.0	26.0	22.0	23.0	20.0	20.0	21.0	-	-
Philippines	38.0	36.0	33.0	32.0	31.0	29.0	28.0	27.0	27.0	27.0
Singapore	16.5	16.5	16.0	15.1	14.7	14.3	14.2	13.9	13.8	-
Thailand	-	-	16.9	-	-	16.0	15.0	14.0	14.4	14.6
Viet Nam	19.2	19.2	19.6	19.6	20.3	21.8	22.9	23.1	23.1	24.1
Secondary School										
Brunei Darussalam	8.1	9.3	9.0	8.8	9.0	8.5	7.2	6.7	7.1	7.0
Cambodia	20.4	20.2	20.2	20.9	21.9	21.9	22.2	22.6	23.3	23.3
Indonesia	17.3	16.3	-	14.1	16.1	15.2	15.2	15.5	14.0	-
Lao PDR	-	-	18.7	18.3	-	-	-	-	16.6	16.0
Malaysia	-	-	12.0	12.8	11.8	11.3	11.0	11.5	11.5	11.3
Myanmar	32.0	33.0	30.0	27.0	27.0	28.0	26.0	27.0	-	-
Philippines	29.0	27.0	25.0	26.0	26.0	25.0	25.0	25.0	26.0	25.0
Singapore	13.2	12.5	12.2	11.7	11.5	11.3	11.3	11.5	11.6	-
Thailand	-	-	28.2	-	-	19.0	17.0	19.0	19.3	19.9
Viet Nam	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, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Crude Birth Rate (CBR)¹⁾										
Brunei Darussalam	16.6	16.9	16.2	15.4	15.1	14.2	13.7	14.7	15.3	14.9
Cambodia	25.5	24.3	24.1	23.8	23.4	23.0	37.7	21.9	21.3	20.7
Indonesia	19.9	19.5	17.7	17.4	17.2	16.9	16.7	17.1	17.1	16.9
Lao PDR	27.2	26.6	26.3	23.9	24.0	23.3	22.7	21.2	21.5	20.9
Malaysia	16.7	17.2	16.7	16.1	15.9	15.5	15.1	14.5	13.5	-
Myanmar	18.4	20.6	20.4	20.2	19.9	19.7	19.5	19.3	17.8	17.7
Philippines	17.9	17.5	17.2	16.8	16.2	15.8	15.6	14.1	12.4	-
Singapore	9.3	9.8	9.7	9.4	8.9	8.8	8.8	8.5	8.6	7.9
Thailand	10.2	-	10.5	10.2	10.1	9.6	9.1	8.7	8.1	-
Viet Nam	17.0	17.2	16.2	16.0	14.9	14.6	16.3	16.3	15.7	14.9
Crude Death Rate (CDR)²⁾										
Brunei Darussalam	3.5	3.6	3.8	3.9	4.0	3.7	3.9	4.0	4.2	4.8
Cambodia	7.4	7.2	7.0	6.8	6.7	6.5	6.6	6.1	5.9	5.8
Indonesia	6.3	6.3	5.7	5.8	5.8	5.9	6.0	4.7	5.8	5.8
Lao PDR	7.0	6.3	6.6	6.7	7.5	7.4	7.2	7.0	6.9	6.8
Malaysia	4.7	4.9	5.0	5.1	5.3	5.3	5.4	5.1	6.9	-
Myanmar	7.6	9.5	9.3	9.1	8.9	8.7	8.6	8.5	9.0	8.9
Philippines	5.4	5.5	5.5	5.6	5.5	5.6	5.8	5.6	8.0	-
Singapore	4.6	4.7	4.8	4.8	5.0	5.0	5.0	5.2	5.8	6.3
Thailand	7.7	-	8.0	7.2	7.0	7.1	7.5	7.5	8.4	-
Viet Nam	7.1	6.9	6.8	6.8	6.8	6.8	6.3	6.1	6.4	7.0

Source:
ASEAN Secretariat

Notes:

1) CBR refers to number of live births per 1,000 mid-year total population while for Singapore is per 1,000 resident

2) CDR refers to number of deaths per 1,000 mid-year total population while for Singapore is per 1,000 resident

'-' not available at the time of publication

Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Infant Mortality Rate (IMR)¹⁾										
Brunei Darussalam	7.8	7.3	8.8	8.2	9.3	9.0	8.4	8.3	5.9	8.3
Cambodia	36.3	28.0	32.2	30.1	28.0	26.0	18.0	18.9	12.0	-
Indonesia	27.2	26.6	20.2	19.6	19.1	18.6	18.1	16.9	16.2	15.5
Lao PDR	48.9	46.5	57.0	55.0	40.0	52.0	50.7	49.3	48.1	-
Malaysia	6.3	6.7	6.9	6.7	6.9	7.2	6.6	5.9	6.1	-
Myanmar	35.3	45.9	44.8	43.8	42.8	41.8	40.8	39.8	36.5	36.6
Philippines	23.0	-	-	-	21.0	-	-	-	-	22.0
Singapore	2.0	1.8	1.7	2.4	2.2	2.1	1.7	1.8	1.8	1.8
Thailand	6.4	6.5	6.2	6.4	5.9	6.0	5.6	5.1	5.2	-
Viet Nam	15.3	14.9	14.7	14.5	14.4	14.2	14.0	13.9	13.6	12.1
Under-5 mortality rate²⁾										
Brunei Darussalam	9.7	8.7	10.0	10.4	11.5	10.6	9.9	9.2	7.7	10.3
Cambodia	45.2	35.0	39.6	36.9	34.1	31.4	28.0	25.9	16.0	16.0
Indonesia	-	-	26.3	26.4	32.0	-	-	19.8	-	-
Lao PDR	62.7	58.7	58.7	73.8	71.7	69.4	67.2	65.1	63.3	61.3
Malaysia	7.9	8.3	8.4	8.1	8.4	8.8	8.1	7.3	7.4	-
Myanmar	43.0	66.5	65.3	64.0	62.6	60.2	59.7	58.2	50.5	50.6
Philippines	-	-	31.0	27.1	27.0	-	-	-	-	-
Singapore	2.6	2.5	2.6	2.7	2.8	2.6	2.3	2.1	2.2	2.2
Thailand	8.7	8.8	8.6	8.8	8.2	8.4	7.9	7.0	7.0	-
Viet Nam	23.1	22.4	22.1	21.8	21.5	21.4	21.0	22.3	20.5	18.9

Source:
ASEAN Secretariat

Notes:

1) IMR refers to number of infant deaths per 1,000 live births

2) Under-5 mortality rate refers to number of under-5 babies death per 1,000 live births

'-' not available at the time of publication

Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total Fertility Rate (TFR)¹⁾										
Brunei Darussalam	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.8	1.9	1.9
Cambodia	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
Indonesia	2.4	2.4	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2
Lao PDR	3.2	2.8	2.9	2.9	2.7	2.8	2.7	2.5	2.5	-
Malaysia	2.0	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7	-
Myanmar	2.2	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.2	-
Philippines	3.0	3.0	2.9	2.9	2.7	-	-	-	-	1.9
Singapore	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0
Thailand	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.5	1.2
Viet Nam	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.0
Maternal Mortality Ratio (MMR)²⁾										
Brunei Darussalam	15.0	14.5	59.7	0.0	62.0	0.0	32.4	30.8	14.8	15.1
Cambodia	-	170.0	-	-	-	-	141.0	-	154.0	154.0
Indonesia	-	-	305.0	-	-	-	-	189.0	-	-
Lao PDR	-	-	-	196.0	185.0	72.0	70.0	72.1	62.1	63.4
Malaysia	21.4	22.3	23.8	29.1	25.0	23.5	21.0	24.8	68.2	-
Myanmar	143.0	209.0	236.0	203.0	202.0	208.0	206.0	204.0	223.0	-
Philippines	69.9	73.9	73.6	66.5	53.8	56.8	-	-	-	-
Singapore	2.5	2.4	7.1	4.8	0.0	10.2	2.5	0.0	2.6	2.8
Thailand	22.2	23.3	24.6	26.6	21.8	19.9	22.5	25.1	26.6	-
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, 2013-2022

(in years)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL										
Brunei Darussalam	78.0	77.2	77.7	77.8	77.3	78.5	77.7	77.9	77.6	76.4
Cambodia	66.7	67.6	68.3	69.1	69.9	70.6	75.5	72.0	72.7	73.3
Indonesia	70.4	70.6	70.8	70.9	71.1	71.2	71.3	71.5	71.6	71.9
Lao PDR	67.0	68.0	68.0	65.0	65.0	66.0	66.0	67.0	67.0	67.0
Malaysia	74.5	74.5	74.6	74.4	74.4	74.6	74.8	74.7	74.5	73.4
Myanmar	67.8	63.9	64.4	65.0	65.5	66.1	66.5	66.8	66.8	67.1
Philippines	-	-	72.7	-	-	-	-	-	-	-
Singapore	82.4	82.6	82.9	83.0	83.2	83.4	83.7	83.7	83.2	83.0
Thailand	-	-	-	74.8	75.5	75.8	75.7	76.2	-	-
Viet Nam	73.1	73.2	73.3	73.4	73.5	73.5	73.6	73.7	73.6	73.6
MALE										
Brunei Darussalam	77.7	75.8	77.8	76.9	76.4	77.5	76.6	77.1	76.3	74.5
Cambodia	64.8	65.6	66.4	67.1	67.9	68.6	74.3	69.9	70.6	71.2
Indonesia	68.5	68.9	68.9	69.1	69.2	69.3	69.4	69.6	69.7	69.9
Lao PDR	65.0	66.0	65.0	63.0	64.0	64.0	65.0	65.0	65.0	66.0
Malaysia	72.3	72.4	72.5	72.1	72.1	72.3	72.5	72.5	72.3	71.3
Myanmar	65.5	59.3	59.7	60.3	60.8	61.3	62.0	62.0	62.7	62.8
Philippines	-	-	69.6	-	-	-	-	71.3	71.3	71.3
Singapore	80.1	80.3	80.5	80.7	80.9	81.2	81.4	81.3	80.8	80.7
Thailand	-	-	-	71.2	71.8	72.0	71.9	72.4	73.5	73.6
Viet Nam	70.5	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.1	71.1
FEMALE										
Brunei Darussalam	78.3	78.5	77.5	78.7	78.2	79.4	78.8	78.7	78.9	78.3
Cambodia	68.8	69.6	70.4	71.2	72.0	72.7	76.8	74.2	74.8	75.5
Indonesia	72.4	72.6	72.8	72.8	73.1	73.2	73.3	73.5	73.6	73.8
Lao PDR	69.0	70.0	62.0	67.0	67.0	68.0	68.0	69.0	69.0	69.0
Malaysia	76.9	77.0	77.1	77.0	77.1	77.2	77.4	77.2	77.0	75.8
Myanmar	69.1	68.7	69.3	69.8	70.2	70.9	71.1	71.5	71.1	71.3
Philippines	-	-	75.9	-	-	-	-	77.5	77.5	77.5
Singapore	84.5	84.8	85.1	85.1	85.4	85.5	85.9	85.9	85.5	85.2
Thailand	-	-	-	78.6	79.4	79.6	79.7	80.1	80.5	80.7
Viet Nam	75.8	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4	76.4

Source:
ASEAN Secretariat

Notes:

1) Life expectancy at birth refers to number of years of 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. Immunisation Against Measles and DPT Among Children of 1 Year Old in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Measles										
Brunei Darussalam	96.0	97.0	96.0	98.0	97.0	99.0	96.8	99.0	99.4	-
Cambodia	93.0	94.0	92.0	100	97.7	100	100	100	-	-
Indonesia	77.9	80.1	71.6	72.8	70.7	83.3	67.3	67.8	68.7	70.1
Lao PDR	-	-	-	-	-	-	-	-	56.1	-
Malaysia	95.3	92.1	93.1	94.4	88.8	87.8	97.7	97.4	99.5	96.3
Myanmar	86.0	85.3	81.1	87.7	83.2	94.2	84.6	-	-	-
Philippines	83.9	-	-	-	80.4	-	-	-	-	79.2
Singapore ¹⁾	96.0	96.0	96.0	97.0	97.0	97.0	96.0	97.0	96.0	96.0
Thailand	-	-	-	90.8	89.3	89.1	91.5	90.4	88.1	83.1
Viet Nam	97.7	97.4	97.5	95.0	92.7	97.2	94.3	82.3	-	-
DPT²⁾										
Brunei Darussalam	99.6	99.0	99.0	100	100	100	99.7	99.9	100	100
Cambodia	95.0	98.0	94.0	96.9	97.7	98.0	99.0	100	-	-
Indonesia	90.3	93.6	83.5	84.8	83.8	88.9	83.3	84.6	83.8	86.5
Lao PDR	-	-	-	-	-	-	-	-	86.6	-
Malaysia	96.9	96.8	99.0	98.0	98.9	100	98.4	97.7	94.2	97.2
Myanmar	75.0	85.3	87.5	87.3	90.2	92.1	90.9	-	-	-
Philippines	86.1	-	-	-	79.8	-	-	-	-	78.9
Singapore ¹⁾	98.0	98.0	97.0	98.0	97.0	97.0	97.0	98.0	98.0	97.0
Thailand	-	-	-	91.7	90.4	90.7	91.7	88.1	85.5	85.7
Viet Nam	95.4	95.1	-	-	94.4	74.7	94.3	90.8	-	-

Source:
ASEAN Secretariat

Notes:
1) Immunisation 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, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Malaria										
Brunei Darussalam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
Cambodia	-	-	13.0	1.9	1.7	1.5	1.3	1.1	-	-
Indonesia	1.4	1.0	0.9	0.9	1.0	0.8	0.9	0.9	1.1	1.6
Lao PDR	-	-	20.9	7.8	5.6	4.2	0.9	0.5	0.5	0.8
Malaysia	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	1.0	-
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	-	-
Thailand	1.2	1.2	0.7	0.3	0.1	0.0	0.0	0.1	0.0	-
Viet Nam	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Tuberculosis										
Brunei Darussalam	52.6	48.6	51.4	58.0	56.3	57.0	55.9	70.4	53.3	-
Cambodia	-	-	380.0	365.0	350.0	336.0	323.0	281.0	-	-
Indonesia	403.0	399.0	395.0	322.0	319.0	316.0	312.0	301.0	354.0	-
Lao PDR	197.0	189.0	182.0	175.0	168.0	162.0	155.0	149.0	83.4	113.0
Malaysia	91.0	92.0	88.0	81.3	80.8	78.6	80.9	72.6	64.0	-
Myanmar	373.0	369.0	365.0	369.0	355.0	338.0	322.0	308.0	-	-
Philippines	543.0	546.0	550.0	434.0	310.6	329.7	-	-	-	-
Singapore	37.6	36.9	36.1	41.2	39.0	38.7	34.7	39.1	-	-
Thailand	170.0	167.0	163.0	172.0	156.0	153.0	150.0	150.0	143.0	-
Viet Nam	144.0	140.0	137.0	114.2	112.1	107.1	108.3	104.2	79.6	104.4

Source:
ASEAN Secretariat

Notes:
1) per 1,000 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 Year Old People in ASEAN, 2013–2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	0.0	0.0	0.0	0.1	0.1	0.1	-	-	-	-
Cambodia	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	0.4	-
Malaysia	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	-
Singapore	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	1.0	1.0
Viet Nam	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	-

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

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

Table 2.13. Proportion of Population Using Safely Managed Drinking Water and Sanitation Services in ASEAN, 2016-2022

(in percent)

Country	2016	2017	2018	2019	2020	2021	2022
Access to Improved Drinking Water							
Brunei Darussalam	100	100	100	100	100	100	-
Cambodia	61.1	64.8	70.9	79.7	-	87.0	-
Indonesia ²⁾	71.1	72.0	73.7	89.3	90.2	90.8	91.1
Lao PDR	88.9	77.5	-	-	-	-	-
Malaysia	95.3	96.9	96.7	96.8	96.9	97.0	-
Myanmar	-	-	-	-	-	-	-
Philippines ¹⁾	83.2	86.4	-	92.5	93.9	-	-
Singapore	100	100	100	100	100	100	100
Thailand	-	-	-	99.5	-	-	99.6
Viet Nam	91.3	-	94.5	95.1	96.5	97.5	98.0
Access to Improved Sanitation							
Brunei Darussalam	92.0	92.0	94.0	94.0	94.0	94.0	-
Cambodia	72.9	76.0	80.3	80.4	-	88.0	-
Indonesia ²⁾	67.2	67.5	69.3	77.4	79.5	80.3	80.9
Lao PDR	-	-	73.8	-	-	-	-
Malaysia	99.7	-	-	99.7	-	-	-
Myanmar ¹⁾	-	-	-	79.6	-	-	-
Philippines ¹⁾	91.9	89.2	-	81.6	80.4	-	-
Singapore	100	100	100	100	100	100	100
Thailand	-	-	-	47.5	-	-	48.4
Viet Nam	81.2	-	88.9	91.1	93.0	94.9	96.0

Source:
ASEAN Secretariat

Notes:

1) Data for Myanmar and Philippines refer to proportion of household using safely managed drinking water and sanitation services

2) Refer to proportion of household with access to improved drinking water and sanitation services

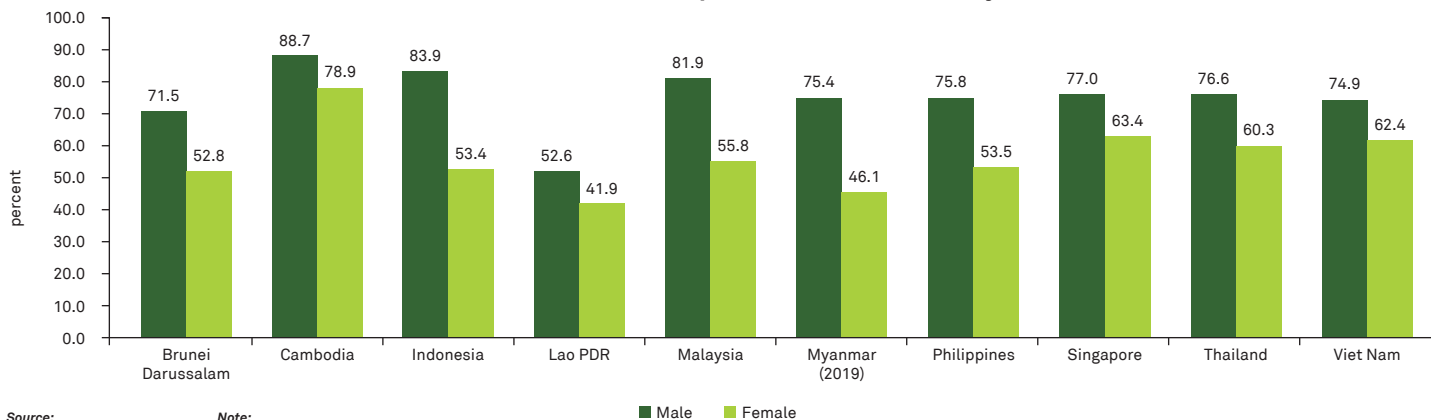
“-” not available at the time of publication

Chapter 3

EMPLOYMENT



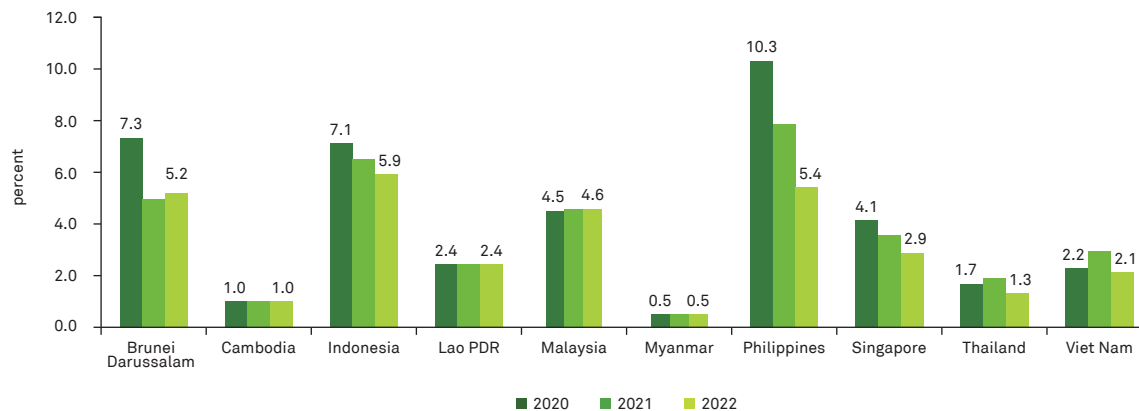
Chart 3.1. Labour Force Participation Rate in ASEAN by Sex, 2022



Source:
ASEAN Secretariat

Note:
Data for Singapore refer to resident only

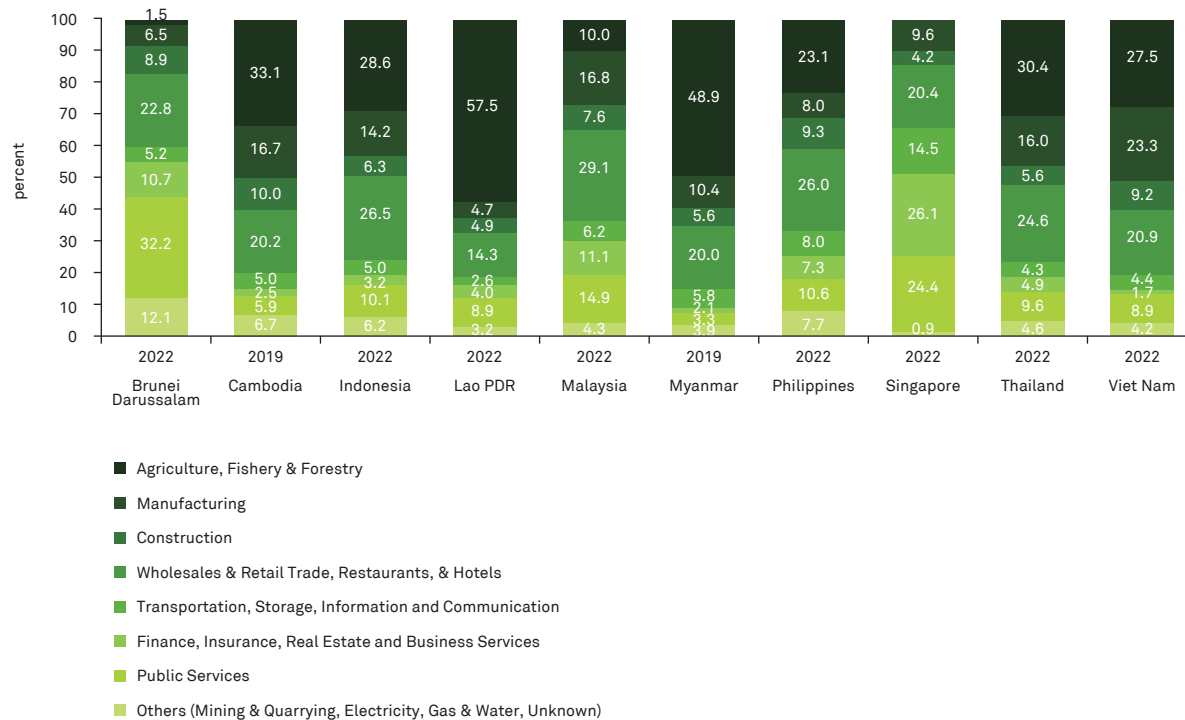
Chart 3.2. Unemployment Rate of 15 Years Old and Over in ASEAN, 2020-2022



Source:
ASEAN Secretariat

Note:
Data for Singapore refer to resident only

Chart 3.3. Proportion of Employment in ASEAN by Economic Activity



Source:
ASEAN Secretariat

Note:
Data for Singapore refer to resident only

Table 3.1. Number of Labour Force in ASEAN, 2013-2022

(in thousand)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	203.7	-	-	206.1	221.0	238.0	227.7	223.3	222.0
Cambodia	7,974.0	8,260.0	8,359.0	8,624.0	8,779.3	-	9,020.0	-	9,062.0	9,062.0
Indonesia	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	143,722.6
Lao PDR	-	-	-	-	1,940.2	-	-	-	-	2,536.3
Malaysia	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	16,022.1
Myanmar	32,140.0	22,110.0	21,950.0	-	22,280.0	22,740.0	22,280.0	-	-	-
Philippines	41,022.3	40,881.3	41,762.6	43,360.8	42,774.7	43,459.9	44,197.1	43,878.0	47,703.2	49,561.6
Singapore ¹⁾	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	2,438.0
Thailand	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	39,903.3
Viet Nam	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	51,704.9

Source:
ASEAN Secretariat

Notes:
1) Data for Singapore refer to resident only
“-” not available at the time of publication

Table 3.2. Labour Force Participation Rate in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	65.6	-	-	62.7	65.4	64.3	65.5	63.8	62.7
Cambodia	83.0	82.6	82.7	62.5	84.3	-	87.4	-	83.7	83.7
Indonesia	66.8	66.6	65.8	66.3	66.7	67.3	67.5	67.8	67.8	68.6
Lao PDR	-	-	68.0	-	40.8	-	-	-	-	47.1
Malaysia	67.3	67.6	67.9	67.7	68.0	68.3	68.7	68.4	68.6	69.3
Myanmar	66.9	67.0	64.7	-	61.2	61.5	59.4	-	-	-
Philippines	63.9	64.4	63.6	63.5	61.2	60.9	61.3	59.5	63.3	64.7
Singapore ¹⁾	66.7	67.0	68.3	68.0	67.7	67.7	68.0	68.1	70.5	70.0
Thailand	71.1	70.3	69.8	68.8	68.1	68.3	67.5	67.8	67.8	68.1
Viet Nam	77.6	77.5	77.8	77.3	76.7	76.8	76.8	74.4	67.8	68.5

Source:
ASEAN Secretariat

Notes:
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, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
MALE										
Brunei Darussalam	-	72.4	-	-	68.9	72.7	72.5	74.3	71.6	71.5
Cambodia	88.7	87.9	88.5	89.4	88.8	-	91.0	-	88.7	88.7
Indonesia	83.4	83.1	82.7	82.0	82.5	82.8	83.3	82.4	82.3	83.9
Lao PDR	-	-	62.0	-	45.2	-	-	-	-	52.6
Malaysia	81.0	80.6	80.6	80.2	80.1	80.4	80.8	80.6	80.9	81.9
Myanmar	83.5	85.2	80.2	-	77.3	77.0	75.4	-	-	-
Philippines	78.1	78.5	77.3	77.6	76.2	75.1	74.8	73.0	75.4	75.8
Singapore ¹⁾	75.8	75.9	76.7	76.2	76.0	75.6	75.4	75.4	77.2	77.0
Thailand	79.5	79.3	78.6	77.6	76.9	77.1	76.2	76.4	76.3	76.6
Viet Nam	82.1	82.1	83.0	82.4	81.9	82.3	81.9	79.9	74.3	74.9
FEMALE										
Brunei Darussalam	-	58.3	-	-	56.5	57.3	54.8	55.4	54.9	52.8
Cambodia	77.8	77.5	72.2	78.9	80.1	-	84.1	-	78.9	78.9
Indonesia	50.3	50.2	48.9	50.8	50.9	51.8	51.8	53.1	53.3	53.4
Lao PDR	-	-	69.0	-	36.5	-	-	-	-	41.9
Malaysia	52.6	53.7	54.1	54.3	54.7	55.2	55.6	55.3	55.5	55.8
Myanmar	50.7	50.5	51.6	-	47.7	48.5	46.1	-	-	-
Philippines	49.9	50.5	50.0	49.3	46.2	46.6	47.6	45.8	51.2	53.5
Singapore ¹⁾	58.1	58.6	60.4	60.4	59.8	60.2	61.1	61.2	64.2	63.4
Thailand	63.1	62.0	61.6	60.6	59.8	60.1	59.4	59.8	59.9	60.3
Viet Nam	73.3	73.2	72.6	72.5	71.9	71.6	71.8	69.0	61.6	62.4

Source:
ASEAN Secretariat

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

Table 3.4. Number of Unemployment in ASEAN, 2013-2022

(in thousand)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	14.1	-	-	19.1	19.2	16.2	16.6	11.0	11.4
Cambodia	8.0	15.0	8.0	16.0	12.9	-	216.0	-	95.0	95.0
Indonesia	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	8,425.9
Lao PDR	-	-	-	-	182.5	-	-	-	-	61.2
Malaysia	435.1	411.1	450.3	504.1	503.3	504.3	508.2	711.0	733.0	630.4
Myanmar	1,290.0	870.0	160.0	-	340.0	190.0	100.0	-	-	-
Philippines	2,904.6	2,788.3	2,619.6	2,363.0	2,440.7	2,303.4	2,259.1	4,500.3	3,714.9	2,671.2
Singapore ¹⁾	59.8	61.2	62.5	67.4	70.9	66.9	72.9	96.4	84.3	69.5
Thailand	281.7	322.7	340.6	377.5	450.7	404.3	373.4	651.1	748.3	527.0
Viet Nam	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	1,100.2

Source:
ASEAN Secretariat

Notes:
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, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	6.9	-	-	9.0	7.7	6.7	7.3	4.9	5.2
Cambodia	0.3	0.1	0.1	0.2	0.1	-	2.4	-	1.0	1.0
Indonesia	6.2	5.9	6.2	5.6	5.5	5.3	5.2	7.1	6.5	5.9
Lao PDR	-	-	-	-	9.4	-	-	-	-	2.4
Malaysia	3.1	2.9	3.1	3.4	3.4	3.3	3.3	4.5	4.6	3.9
Myanmar	4.0	4.0	0.8	-	1.6	0.9	0.5	0.2	1.3	2.5
Philippines	7.1	6.8	6.3	5.4	5.7	5.3	5.1	10.3	7.8	5.4
Singapore ¹⁾	2.8	2.7	2.8	3.0	3.1	2.9	3.1	4.1	3.5	2.9
Thailand	0.7	0.8	0.9	1.0	1.2	1.1	1.0	1.7	1.9	1.3
Viet Nam	1.9	1.9	2.1	2.1	2.0	2.0	2.0	2.2	2.9	2.1

Source:
ASEAN Secretariat

Notes:

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, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
MALE										
Brunei Darussalam	-	6.2	-	-	8.1	6.9	5.8	6.3	3.9	4.7
Cambodia	0.3	0.2	0.0	0.2	0.1	-	1.1	-	0.9	0.9
Indonesia	6.0	5.8	6.1	5.7	5.5	5.3	5.2	7.5	6.7	5.9
Lao PDR	-	-	-	-	10.7	-	-	-	-	2.8
Malaysia	2.9	2.7	2.9	3.1	3.3	3.1	3.2	4.4	4.5	3.8
Myanmar	3.7	3.9	0.7	-	1.2	0.7	0.4	-	-	-
Philippines	7.3	7.1	6.6	5.6	6.0	5.4	5.2	10.6	7.5	5.1
Singapore ¹⁾	2.7	2.7	2.7	3.0	3.1	2.9	3.0	3.9	3.3	2.8
Thailand	0.7	0.9	0.9	1.0	1.2	1.1	1.0	1.7	1.9	1.2
Viet Nam	2.0	1.9	2.3	2.2	2.2	1.9	2.0	1.9	3.0	2.2
FEMALE										
Brunei Darussalam	-	7.8	-	-	10.2	9.0	8.1	8.8	6.4	5.8
Cambodia	0.3	0.1	0.1	0.1	0.1	-	3.7	-	1.2	1.2
Indonesia	6.4	6.3	6.4	5.4	5.4	5.3	5.2	6.5	6.1	5.7
Lao PDR	-	-	-	-	7.8	-	-	-	-	1.9
Malaysia	3.4	3.2	3.4	3.9	3.5	3.6	3.4	4.7	4.8	4.1
Myanmar	4.6	4.1	0.9	-	2.0	1.0	0.6	-	-	-
Philippines	6.8	6.3	5.8	5.2	5.2	5.1	5.0	9.7	8.2	5.8
Singapore ¹⁾	2.9	2.9	2.9	3.0	3.1	3.0	3.4	4.4	3.8	3.0
Thailand	0.7	0.8	0.9	1.0	1.1	1.0	0.9	1.6	1.9	1.4
Viet Nam	1.9	1.8	2.0	1.9	1.8	2.1	2.0	2.7	2.9	2.0

Source:
ASEAN Secretariat

Notes:
1) Data for Singapore refer to resident only
‘-’ not available at the time of publication

Table 3.7. Unemployment Rate of 15-24 Years Old and Over in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	25.3	-	-	28.9	29.9	21.3	25.8	16.3	18.0
Cambodia	0.2	0.2	0.1	-	-	-	1.1	-	-	-
Indonesia	21.6	22.2	22.6	19.4	20.4	19.7	18.6	20.5	19.6	20.6
Lao PDR	-	-	-	-	18.2	-	-	-	-	5.2
Malaysia	9.8	9.5	10.7	10.5	10.8	10.9	10.5	12.0	11.3	11.7
Myanmar	-	9.3	1.6	-	4.0	2.0	1.4	-	-	-
Philippines	16.1	15.7	14.9	7.6	14.4	13.4	13.7	21.5	15.7	12.1
Singapore ¹⁾	6.7	6.4	6.7	6.5	7.0	6.6	7.7	10.6	7.3	5.9
Thailand	3.5	4.3	4.2	4.9	5.9	5.3	5.3	7.3	8.2	6.6
Viet Nam	6.2	6.2	7.0	7.4	7.5	6.9	6.5	7.2	8.6	7.8

Source:
ASEAN Secretariat

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

Table 3.8. Unemployment Rate of 15-24 Years Old in ASEAN by Sex, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
MALE										
Brunei Darussalam	-	23.5	-	-	28.4	28.2	18.9	21.9	12.0	16.0
Cambodia	0.2	0.2	0.1	-	-	-	1.6	-	-	-
Indonesia	21.2	21.7	22.3	19.8	20.1	19.4	18.4	20.8	21.0	22.6
Lao PDR	-	-	-	-	57.8	-	-	-	-	5.4
Malaysia	8.7	8.6	9.9	9.8	10.4	9.9	9.6	11.4	11.9	10.7
Myanmar	-	9.1	1.4	-	3.3	1.8	1.3	-	-	-
Philippines	15.1	14.9	14.3	7.5	13.7	12.6	10.6	20.4	14.5	-
Singapore ¹⁾	5.2	4.9	5.6	4.6	5.2	5.0	5.8	8.1	5.0	4.0
Thailand	3.1	3.8	3.6	4.3	5.3	4.8	4.7	6.8	7.1	5.3
Viet Nam	5.4	5.5	6.8	7.4	7.5	6.1	6.5	6.1	8.4	7.7
FEMALE										
Brunei Darussalam	-	27.8	-	-	29.5	32.5	25.7	32.2	23.0	21.1
Cambodia	0.1	0.1	0.1	-	-	-	0.6	-	-	-
Indonesia	22.1	22.9	23.1	19.0	20.9	20.1	19.0	19.9	17.5	17.8
Lao PDR	-	-	-	-	42.2	-	-	-	-	5.0
Malaysia	11.5	10.9	11.8	11.4	11.4	12.5	12.0	13.0	10.4	13.4
Myanmar	-	9.5	1.8	-	4.8	2.2	1.5	-	-	-
Philippines	17.8	17.2	15.9	7.7	15.6	14.8	10.3	23.1	17.7	-
Singapore ¹⁾	8.6	8.1	8.1	8.8	9.1	8.6	10.0	13.5	10.0	8.2
Thailand	4.1	5.0	4.9	5.8	6.8	6.1	6.3	8.1	9.9	8.4
Viet Nam	7.0	7.1	7.3	7.5	7.5	7.9	6.5	8.5	8.8	7.9

Source:
ASEAN Secretariat

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

Table 3.9. Number of Employment in ASEAN by Economic Activity

(in thousand)

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	2020	2.8	9.1	25.7	47.8	10.8	18.9	68.6	27.5	211.1
	2021	3.0	19.4	19.6	45.9	10.9	19.9	67.7	26.0	212.4
	2022	3.2	13.7	18.7	48.1	11.0	22.6	67.8	25.4	210.5
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	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
	2022	38,704.0	19,172.4	8,481.3	35,801.6	6,814.4	4,314.0	13,622.0	8,386.4	135,296.1
Lao PDR	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
	2022	1,453.4	118.6	122.7	360.6	64.8	100.1	226.0	81.8	2,528.1
Malaysia	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
	2022	1,540.8	2,590.7	1,170.5	4,480.3	947.8	1,709.0	2,290.4	662.1	15,391.6
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	2020	9,727.9	3,273.8	3,759.9	9,760.1	3,379.6	2,647.9	4,453.6	3,007.9	40,010.9
	2021	10,656.4	3,453.0	4,319.2	11,141.3	3,383.5	2,951.1	4,813.2	3,270.7	43,988.3
	2022	10,835.9	3,755.9	4,381.6	12,203.4	3,728.2	3,413.0	4,979.4	3,593.1	46,890.3
Singapore ¹⁾	2020	0.0	213.0	97.2	464.0	326.2	567.4	533.7	21.2	2,227.7
	2021	0.0	212.1	98.4	463.8	321.0	592.7	575.0	23.4	2,286.4
	2022	0.0	224.9	97.7	478.4	340.2	613.4	574.2	21.9	2,350.7
Thailand	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	1,734.8	37,751.3
	2022	11,918.9	6,276.3	2,204.9	9,657.3	1,701.3	1,902.6	3,771.3	1,788.5	39,221.1
Viet Nam	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
	2022	13,937.6	11,767.9	4,639.8	10,578.5	2,219.7	856.2	4,498.5	2,106.5	50,604.7

Source:
ASEAN Secretariat

Notes:

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. 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	2020	1.3	4.3	12.2	22.7	5.1	8.9	32.5	13.0	100
	2021	1.4	9.1	9.2	21.6	5.1	9.4	31.9	12.2	100
	2022	1.5	6.5	8.9	22.8	5.2	10.7	32.2	12.1	100
Cambodia	2011	58.5	9.2	2.7	11.3	2.9	0.4	2.6	12.4	100
	2012	49.2	11.8	4.5	15.3	4.0	0.4	2.9	11.9	100
	2019	33.1	16.7	10.0	20.2	5.0	2.5	5.9	6.7	100
Indonesia	2020	29.8	13.6	6.3	25.9	5.1	2.9	9.8	6.7	100
	2021	28.3	14.3	6.3	26.6	4.9	3.0	10.3	6.2	100
	2022	28.6	14.2	6.3	26.5	5.0	3.2	10.1	6.2	100
Lao PDR	2015	78.9	3.9	3.3	5.8	0.9	0.4	7.0	-	100
	2017	45.4	11.5	6.8	27.1	3.2	0.9	2.0	3.0	100
	2022	57.5	4.7	4.9	14.3	2.6	4.0	8.9	3.2	100
Malaysia	2020	10.5	16.7	7.8	28.8	6.1	10.9	14.9	4.2	100
	2021	10.3	16.6	7.7	29.0	6.2	11.1	14.8	4.3	100
	2022	10.0	16.8	7.6	29.1	6.2	11.1	14.9	4.3	100
Myanmar	2017	50.6	10.5	4.2	17.3	4.8	2.3	4.2	6.1	100
	2018	48.2	11.1	5.2	18.3	5.3	2.0	3.8	6.1	100
	2019	48.9	10.4	5.6	20.0	5.8	2.1	3.3	3.9	100
Philippines	2020	24.3	8.2	9.4	24.4	8.4	6.6	11.1	7.5	100
	2021	24.2	7.8	9.8	25.3	7.7	6.7	10.9	7.4	100
	2022	23.1	8.0	9.3	26.0	8.0	7.3	10.6	7.7	100
Singapore ¹⁾	2020	-	9.6	4.4	20.9	14.7	25.5	24.0	1.0	100
	2021	-	9.3	4.3	20.3	14.0	25.9	25.1	1.0	100
	2022	-	9.6	4.2	20.4	14.5	26.1	24.4	0.9	100
Thailand	2020	31.4	15.9	5.9	24.3	4.1	4.5	9.4	4.5	100
	2021	31.9	15.7	5.9	23.9	4.1	4.5	9.5	4.6	100
	2022	30.4	16.0	5.6	24.6	4.3	4.9	9.6	4.6	100
Viet Nam	2020	33.1	21.1	8.8	18.7	4.3	2.8	7.6	3.8	100
	2021	29.1	22.8	9.3	19.8	4.4	2.9	7.8	4.0	100
	2022	27.5	23.3	9.2	20.9	4.4	1.7	8.9	4.2	100

Source:
ASEAN Secretariat

Notes:

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 3.11. Number of Employment in ASEAN by Occupation

(in thousand)

Occupation	Brunei Darussalam (2022)	Cambodia (2019)	Indonesia (2022)	Lao PDR (2022)	Malaysia (2022)	Myanmar (2019)	Philippines (2022)	Singapore ¹⁾ (2022)	Thailand (2022)	Viet Nam (2022)
Professionals, technical and related workers	57.8	618.7	12,144.5	286.8	1,993.2	931.6	4,298.3	1,086.6	2,354.9	5,293.8
Administrative, executive and managerial workers	16.9	128.1	2,973.4	27.4	712.2	155.3	2,381.1	407.7	1,339.2	477.0
Clerical and related workers	21.4	124.0	5,961.2	6.3	1,855.1	443.6	3,331.7	211.8	1,881.1	1,227.3
Services and sales workers	47.5	1,688.3	34,618.9	408.9	1,534.7	4,347.3	10,657.1	241.2	8,097.6	9,746.6
Agricultural, animal husbandry and forestry workers; fishermen and hunters	2.7	2,263.3	29,077.3	1,227.6	3,763.2	7,851.7	5,552.0	0.0	10,921.3	6,144.5
Production and related workers, transport equipment operators and labourers	28.7	2,202.8	24,566.7	170.8	2,104.5	4,214.2	7,075.7	189.0	8,170.4	14,941.4
Others	35.5	857.9	25,954.8	347.3	3,428.8	4,236.4	13,618.3	214.2	6,456.5	12,774.2
TOTAL	210.5	7,883.1	135,296.7	2,475.1	15,391.7	22,180.0	46,914.2	2,350.5	39,221.1	50,604.7

Source:
ASEAN Secretariat

Notes:

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 3.12. Proportion of Employment in ASEAN by Occupation

(in percent)

Occupation	Brunei Darussalam (2022)	Cambodia (2019)	Indonesia (2022)	Lao PDR (2022)	Malaysia (2022)	Myanmar (2019)	Philippines (2022)	Singapore ¹⁾ (2022)	Thailand (2022)	Viet Nam (2022)
Professionals, technical and related workers	27.5	7.8	9.0	11.6	12.9	4.2	9.2	46.2	6.0	10.5
Administrative, executive and managerial workers	8.0	1.6	2.2	1.1	4.6	0.7	5.1	17.3	3.4	0.9
Clerical and related workers	10.1	1.6	4.4	0.3	12.1	2.0	7.1	9.0	4.8	2.4
Services and sales workers	22.6	21.4	25.6	16.5	10.0	19.6	22.7	10.3	20.6	19.3
Agricultural, animal husbandry and forestry workers; fishermen and hunters	1.3	28.7	21.5	49.6	24.4	35.4	11.8	0.0	27.8	12.1
Production and related workers, transport equipment operators and labourers	13.6	27.9	18.2	6.9	13.7	19.0	15.1	8.0	20.8	29.5
Others	16.9	10.9	19.2	14.0	22.3	19.1	29.0	9.1	16.5	25.2
Total	100	100	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Notes:

1) a. Data for Singapore refer to resident only

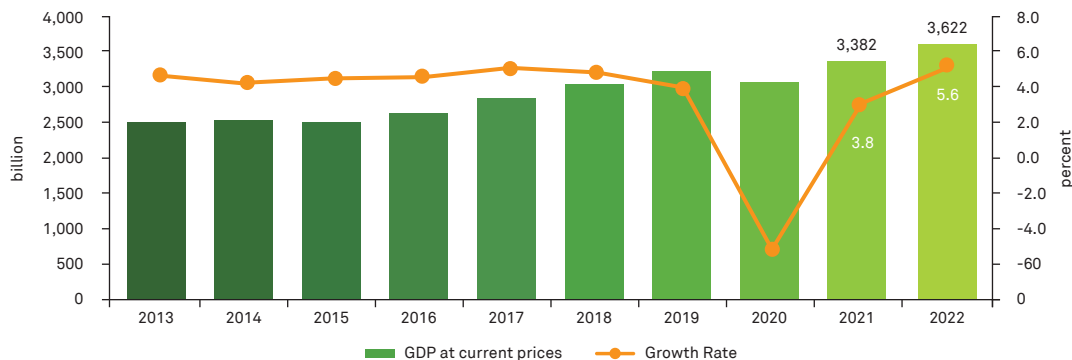
b. Data for Agriculture, Fishery & Forestry of Singapore are subsumed under "Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)"

Chapter 4

MACROECONOMICS

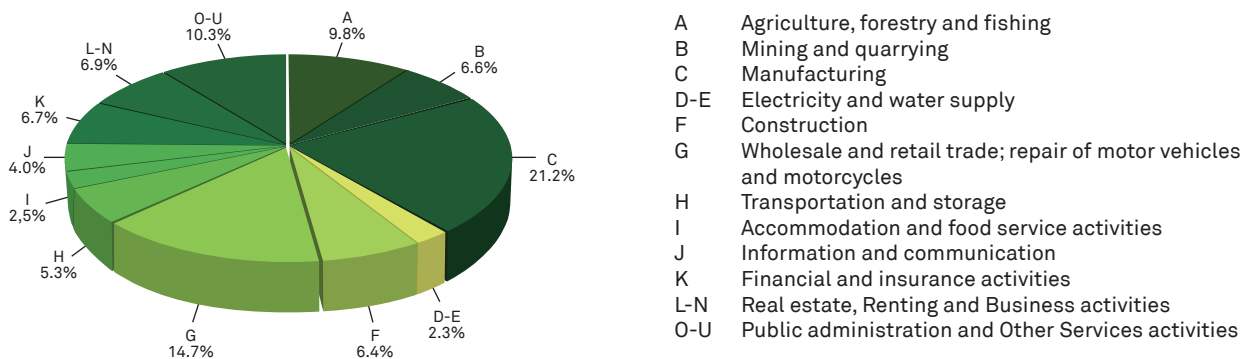


Chart 4.1. GDP at Current Prices and Growth Rate, 2013-2022



Source:
ASEAN Secretariat

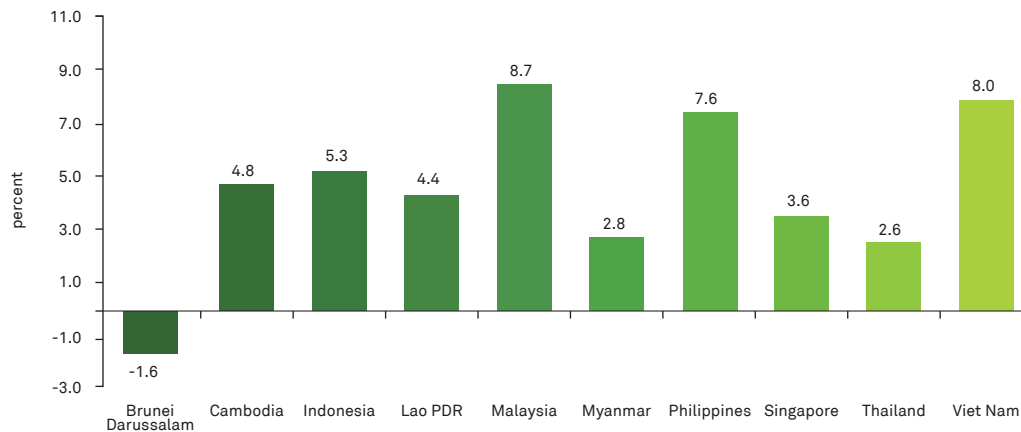
Chart 4.2. Share ASEAN GDP by Industry, 2022



Source:
ASEAN Secretariat

- A Agriculture, forestry and fishing
- B Mining and quarrying
- C Manufacturing
- D-E Electricity and water supply
- F Construction
- G Wholesale and retail trade; repair of motor vehicles and motorcycles
- H Transportation and storage
- I Accommodation and food service activities
- J Information and communication
- K Financial and insurance activities
- L-N Real estate, Renting and Business activities
- O-U Public administration and Other Services activities

Chart 4.3. Rate of Economic Growth in ASEAN, 2022



Source:
ASEAN Secretariat

Table 4.1. GDP at Current Prices in National Currency in ASEAN, 2013-2022

(in billion national currency)

Country	Currency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	Brunei Dollar	22.6	21.7	17.8	15.7	16.7	18.3	18.4	16.6	18.8	23.0
Cambodia	Riel	62,219.5	67,740.4	73,422.7	81,241.9	88,982.6	99,544.3	110,014.0	105,891.8	110,505.9	121,029.9
Indonesia	Rupiah	9,546,134.0	10,569,705.3	11,526,332.8	12,401,728.5	13,589,825.7	14,838,756.0	15,832,657.2	15,443,353.2	16,976,690.8	19,588,445.6
Lao PDR	Kip	93,868.0	106,797.0	117,251.6	129,279.1	140,697.7	152,414.2	162,657.4	172,919.4	184,981.6	215,609.4
Malaysia	Ringgit	1,018.6	1,106.4	1,176.9	1,249.7	1,372.3	1,447.8	1,512.7	1,418.5	1,548.9	1,791.4
Myanmar ¹⁾	Kyat	51,259.26	58,011.6	65,261.9	74,215.7	82,700.0	92,789.0	105,258.5	112,769.7	108,205.7	118,001.2
Philippines	Peso	12,050.6	13,206.8	13,944.2	15,132.4	16,556.7	18,265.2	19,517.9	17,951.6	19,410.6	22,024.5
Singapore	Singapore Dollar	384.9	398.9	423.4	440.8	474.0	508.3	514.1	480.7	569.4	643.5
Thailand	Baht	12,915.2	13,230.3	13,743.5	14,590.3	15,488.7	16,373.3	16,889.2	15,661.2	16,166.6	17,370.2
Viet Nam	Dong	3,584,261.6	3,937,856.1	5,191,323.7	5,639,401.0	6,293,904.6	7,009,042.1	7,707,200.3	8,044,385.7	8,479,666.5	9,513,327.0

Source:
ASEAN Secretariat

Note:
1) Very preliminary figure in fiscal year

Table 4.2. GDP at Constant Prices in National Currency in ASEAN, 2013-2022

(in billion national currency)

Country	Currency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	Brunei Dollar	19.2	18.7	18.6	18.1	18.4	18.4	19.1	19.3	19.0	18.7
Cambodia	Riel	37,528.2	40,182.0	43,009.3	45,969.4	49,262.5	52,956.2	56,578.1	54,826.4	56,498.5	59,229.5
Indonesia	Rupiah	8,156,497.8	8,564,866.6	8,982,517.1	9,434,613.4	9,912,928.1	10,425,851.9	10,949,155.4	10,722,999.3	11,120,077.9	11,710,397.8
Lao PDR	Kip	88,160.0	94,871.0	101,767.6	108,914.8	116,376.8	123,695.6	130,446.6	134,720.4	139,408.4	145,574.1
Malaysia	Ringgit	955.1	1,012.4	1,176.9	1,229.3	1,300.8	1,363.8	1,424.0	1,346.2	1,390.6	1,510.9
Myanmar ¹⁾	Kyat	45,080.7	48,879.2	52,785.1	74,215.7	78,483.2	83,510.0	89,147.3	91,971.6	86,561.8	88,975.6
Philippines	Peso	13,254.6	14,096.0	14,990.9	16,062.7	17,176.0	18,265.2	19,382.8	17,537.8	18,540.1	19,943.6
Singapore	Singapore Dollar	373.5	386.8	423.4	438.7	458.6	475.0	481.4	462.6	503.7	522.0
Thailand	Baht	9,142.1	9,232.1	9,521.4	9,848.5	10,259.9	10,693.2	10,919.3	10,256.9	10,409.9	10,680.3
Viet Nam	Dong	2,543,596.2	2,695,795.7	3,696,825.7	3,944,143.7	4,217,874.8	4,532,739.4	4,866,315.6	5,005,843.6	5,134,071.4	5,545,715.9

Source:
ASEAN Secretariat

Note:
1) Very preliminary figure in fiscal year

Table 4.3. Rate of Economic Growth¹⁾ in ASEAN, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
Brunei Darussalam	-2.1	-2.5	-0.4	-2.5	1.3	0.1	3.9	1.1	-1.6	-1.6	-0.4
Cambodia	7.5	7.1	9.0	6.9	7.2	7.5	6.8	-3.1	3.0	4.8	5.7
Indonesia	5.6	5.0	4.9	5.0	5.1	5.2	5.0	-2.1	3.7	5.3	4.3
Lao PDR	8.0	7.6	7.3	7.0	6.9	6.3	5.5	3.3	3.5	4.4	6.0
Malaysia	4.7	6.0	5.0	4.4	5.8	4.8	4.4	-5.5	3.3	8.7	4.2
Myanmar ²⁾	7.3	8.4	8.0	7.3	5.8	6.4	6.8	3.2	-5.9	2.8	5.0
Philippines	6.8	6.3	6.3	7.1	6.9	6.3	6.1	-9.5	5.7	7.6	5.0
Singapore	5.1	3.9	2.2	3.6	4.5	3.6	1.3	-3.9	8.9	3.6	3.3
Thailand	2.7	1.0	3.1	3.4	4.2	4.2	2.1	-6.1	1.5	2.6	1.9
Viet Nam	5.4	6.0	6.7	6.7	6.9	7.5	7.4	2.9	2.6	8.0	6.0
ASEAN	5.1	4.7	4.9	4.9	5.4	5.2	4.5	-3.7	3.8	5.6	4.1

Source:
ASEAN Secretariat

Notes:
1) Derive from GDP at constant prices
2) Very preliminary figure in fiscal year

Table 4.4. GDP at Current Prices in ASEAN, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	16,678.4
Cambodia	15,442.9	16,763.6	18,088.9	19,426.6	22,041.8	24,609.2	27,103.7	25,960.2	27,164.7	29,610.9
Indonesia	904,691.9	889,384.6	854,953.1	930,536.7	1,014,090.4	1,040,051.4	1,121,147.7	1,059,777.5	1,186,189.1	1,317,259.3
Lao PDR	11,955.3	13,274.1	14,452.3	15,901.5	17,060.6	18,128.9	18,718.4	19,097.3	18,981.6	15,049.2
Malaysia	322,159.3	337,455.7	301,354.5	301,255.8	319,109.1	358,783.5	365,177.8	337,455.9	373,832.4	407,027.4
Myanmar ¹⁾	61,862.6	66,331.1	53,667.1	60,139.5	61,503.9	67,145.0	66,499.8	70,174.1	72,862.6	60,967.3
Philippines	280,771.9	297,831.8	306,465.0	318,643.5	328,831.2	344,886.5	376,792.7	361,781.0	394,087.3	404,284.2
Singapore	307,578.0	314,849.5	308,004.1	319,040.7	343,328.8	376,797.4	376,826.0	348,529.0	423,634.1	466,709.6
Thailand	420,616.2	407,303.5	401,269.4	413,324.0	456,354.3	506,757.7	543,934.6	500,356.2	505,522.1	495,301.9
Viet Nam	171,219.3	186,223.6	239,426.7	257,116.2	281,298.4	310,052.8	334,308.3	346,609.6	366,123.2	408,694.6
ASEAN	2,514,397.7	2,546,520.3	2,510,471.1	2,646,795.9	2,855,754.5	3,060,768.3	3,244,020.0	3,081,744.0	3,382,321.9	3,621,582.7

Source:
ASEAN Secretariat

Notes:
1) Very preliminary figure in fiscal year

Table 4.5. GDP per Capita¹⁾ in ASEAN, 2013-2022

(in US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	44,560.5	41,521.3	31,013.4	27,345.8	28,806.1	30,642.1	29,403.7	26,462.1	32,383.0	37,445.9
Cambodia	1,052.2	1,122.6	1,190.7	1,257.1	1,402.4	1,539.8	1,685.7	1,588.9	1,637.2	1,758.0
Indonesia	3,636.0	3,527.0	3,345.0	3,599.8	3,880.1	3,937.2	4,200.4	3,922.1	4,357.0	4,777.5
Lao PDR	1,799.4	1,949.5	2,166.2	2,342.9	2,472.3	2,585.0	2,627.8	2,630.1	2,586.8	2,022.0
Malaysia	10,662.7	10,989.0	9,663.1	9,523.3	9,965.2	11,079.7	11,228.3	10,400.1	11,475.6	12,448.0
Myanmar ²⁾	1,208.6	1,275.8	1,023.2	1,136.5	1,152.0	1,246.6	1,223.8	1,280.1	1,317.7	1,093.2
Philippines	2,859.3	2,981.9	3,017.5	3,086.3	3,134.1	3,261.2	3,512.0	3,329.3	3,576.2	3,623.5
Singapore	56,967.3	57,562.5	55,646.6	56,897.4	61,174.4	66,823.5	66,068.1	61,298.1	77,679.7	82,794.0
Thailand	6,300.9	6,078.9	5,968.1	6,127.4	6,745.5	7,470.8	8,297.1	7,648.2	7,751.9	7,494.4
Viet Nam	1,898.4	2,041.8	2,596.0	2,757.3	2,983.5	3,250.5	3,464.9	3,552.0	3,716.8	4,109.1
ASEAN	4,105.2	4,103.5	3,997.2	4,166.5	4,446.3	4,720.1	4,971.9	4,677.3	5,095.0	5,391.8

Source:
ASEAN Secretariat

Notes:
1) GDP per Capita is GDP at current prices divided by mid-year population
2) Very preliminary figure in fiscal year

Table 4.6.1. Brunei Darussalam GDP by Industry, at Current Prices, 2015-2022

(in million B\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	196.1	189.5	182.0	186.2	181.2	201.7	236.5	252.2
B	Mining and quarrying	7,737.0	6,668.7	7,299.3	8,362.5	8,343.6	6,514.8	7,667.6	9,899.6
C	Manufacturing	2,582.7	1,804.8	2,120.0	2,574.2	2,499.4	2,612.2	3,484.8	5,089.1
D-E	Electricity and water supply	148.3	155.1	161.1	180.7	187.6	184.1	189.5	189.8
F	Construction	441.1	393.1	421.5	456.8	456.6	484.1	459.8	446.5
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	900.0	862.9	868.1	888.5	942.1	988.8	1,065.4	1,149.7
H	Transportation and storage	320.9	277.2	292.7	289.6	305.3	273.8	267.0	298.7
I	Accommodation and food service activities	184.0	178.6	184.3	191.8	208.7	192.0	205.7	238.7
J	Information and communication	371.8	357.7	370.8	357.9	362.4	427.6	450.7	465.6
K	Financial and insurance activities	924.0	1,010.7	1,020.9	928.0	989.5	927.5	935.3	994.7
L-N	Real estate, Renting and Business activities	1,131.2	1,005.1	1,012.2	1,023.5	975.7	960.2	972.3	1,018.6
O-U	Public administration and Other Services activities	3,178.0	3,075.5	3,092.6	3,153.8	3,231.5	3,096.0	3,186.0	3,314.7
	GROSS VALUE ADDED	18,115.2	15,979.1	17,025.4	18,593.5	18,683.5	16,862.8	19,120.6	23,357.8
	Taxes less Subsidies on products	-337.1	-231.3	-277.7	-292.8	-308.5	-298.4	-298.6	-354.7
	GROSS DOMESTIC PRODUCT (GDP)	17,778.0	15,747.7	16,747.7	18,300.7	18,375.0	16,564.4	18,822.0	23,003.1

Source:
ASEAN Secretariat

Table 4.6.2. Brunei Darussalam GDP by Industry, at Constant Prices (2010=100), 2015-2022

(in million B\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	158.9	153.2	150.8	148.4	146.3	167.4	195.7	189.2
B	Mining and quarrying	8,444.4	8,140.0	8,022.5	7,950.0	8,256.9	7,851.6	7,616.7	7,158.4
C	Manufacturing	2,734.6	2,715.0	2,960.5	2,943.1	3,116.2	3,860.7	3,601.4	3,495.9
D-E	Electricity and water supply	152.4	159.6	165.3	185.0	192.6	188.4	194.2	194.7
F	Construction	454.7	424.5	464.1	492.1	489.6	505.2	476.7	456.6
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	925.2	893.0	899.1	919.4	986.7	1,014.3	1,057.5	1,094.9
H	Transportation and storage	348.6	311.3	328.8	328.5	345.2	285.4	271.3	297.7
I	Accommodation and food service activities	177.9	175.0	180.8	187.8	201.2	188.0	201.9	230.2
J	Information and communication	392.4	379.4	389.9	385.0	394.8	447.8	465.6	478.2
K	Financial and insurance activities	908.6	993.5	1,008.0	940.9	1,008.3	980.2	996.2	998.0
L-N	Real estate, Renting and Business activities	1,091.7	1,071.3	1,088.2	1,111.7	1,107.9	1,116.5	1,150.3	1,187.8
O-U	Public administration and Other Services activities	3,159.5	3,063.2	3,066.6	3,142.7	3,213.8	3,074.5	3,139.5	3,270.0
	GROSS VALUE ADDED	18,948.8	18,479.3	18,724.8	18,734.6	19,459.4	19,680.0	19,367.0	19,051.6
	Taxes less Subsidies on products	-351.4	-342.7	-347.3	-347.5	-360.9	-365.0	-359.2	-353.3
	GROSS DOMESTIC PRODUCT (GDP)	18,597.4	18,136.5	18,377.5	18,387.1	19,098.5	19,315.0	19,007.8	18,698.2

Source:
ASEAN Secretariat

Table 4.6.3. Structure GDP by Industry of Brunei Darussalam, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1.1	1.2	1.1	1.0	1.0	1.2	1.3	1.1
B	Mining and quarrying	43.5	42.3	43.6	45.7	45.4	39.3	40.7	43.0
C	Manufacturing	14.5	11.5	12.7	14.1	13.6	15.8	18.5	22.1
D-E	Electricity and water supply	0.8	1.0	1.0	1.0	1.0	1.1	1.0	0.8
F	Construction	2.5	2.5	2.5	2.5	2.5	2.9	2.4	1.9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	5.1	5.5	5.2	4.9	5.1	6.0	5.7	5.0
H	Transportation and storage	1.8	1.8	1.7	1.6	1.7	1.7	1.4	1.3
I	Accommodation and food service activities	1.0	1.1	1.1	1.0	1.1	1.2	1.1	1.0
J	Information and communication	2.1	2.3	2.2	2.0	2.0	2.6	2.4	2.0
K	Financial and insurance activities	5.2	6.4	6.1	5.1	5.4	5.6	5.0	4.3
L-N	Real estate, Renting and Business activities	6.4	6.4	6.0	5.6	5.3	5.8	5.2	4.4
O-U	Public administration and Other Services activities	17.9	19.5	18.5	17.2	17.6	18.7	16.9	14.4
	GROSS VALUE ADDED	101.9	101.5	101.7	101.6	101.7	101.8	101.6	101.5
	Taxes less Subsidies on products	-1.9	-1.5	-1.7	-1.6	-1.7	-1.8	-1.6	-1.5
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.6.4. Growth Rate GDP by Industry of Brunei Darussalam, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	-3.6	-1.6	-1.6	-1.4	14.4	16.9	-3.3
B	Mining and quarrying	-3.6	-1.4	-0.9	3.9	-4.9	-3.0	-6.0
C	Manufacturing	-0.7	9.0	-0.6	5.9	23.9	-6.7	-2.9
D-E	Electricity and water supply	4.8	3.6	11.9	4.1	-2.2	3.1	0.2
F	Construction	-6.6	9.3	6.0	-0.5	3.2	-5.6	-4.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	-3.5	0.7	2.3	7.3	2.8	4.3	3.5
H	Transportation and storage	-10.7	5.6	-0.1	5.1	-17.3	-4.9	9.7
I	Accommodation and food service activities	-1.6	3.3	3.8	7.2	-6.6	7.4	14.0
J	Information and communication	-3.3	2.8	-1.3	2.6	13.4	4.0	2.7
K	Financial and insurance activities	9.4	1.5	-6.7	7.2	-2.8	1.6	0.2
L-N	Real estate, Renting and Business activities	-1.9	1.6	2.2	-0.3	0.8	3.0	3.3
O-U	Public administration and Other Services activities	-3.0	0.1	2.5	2.3	-4.3	2.1	4.2
	GROSS VALUE ADDED	-2.5	1.3	0.1	3.9	1.1	-1.6	-1.6
	Taxes less Subsidies on products	-2.5	1.3	0.1	3.9	1.1	-1.6	-1.6
	GROSS DOMESTIC PRODUCT (GDP)	-2.5	1.3	0.1	3.9	1.1	-1.6	-1.6

Source:
ASEAN Secretariat

Table 4.71. Cambodia GDP by Industry, at Current Prices, 2015-2022

(in million Riel)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	19,516,018.4	20,101,402.3	20,985,704.6	21,912,637.3	22,785,967.4	24,033,610.7	25,247,839.4	26,905,198.7
B	Mining and quarrying	983,230.9	1,238,756.7	1,494,745.7	1,803,634.9	2,268,323.3	2,779,915.8	3,573,686.7	4,457,459.4
C	Manufacturing	11,757,744.0	12,994,787.2	14,542,280.6	16,274,905.2	17,906,740.5	17,158,338.6	19,741,815.6	22,775,215.9
D-E	Electricity and water supply	403,771.1	450,474.5	505,359.8	566,932.2	626,822.5	604,746.0	603,233.0	612,294.4
F	Construction	7,178,343.6	9,243,305.7	11,169,367.5	13,496,769.9	16,851,577.6	16,053,253.9	16,785,881.0	18,023,504.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6,940,289.8	7,692,460.1	8,521,194.4	9,439,211.1	10,102,643.7	9,296,150.0	9,148,900.0	9,934,240.2
H	Transportation and storage	4,263,905.6	4,886,474.4	5,318,381.6	5,788,464.3	6,308,536.2	5,710,446.8	6,606,297.6	7,413,673.4
I	Accommodation and food service activities	3,561,806.1	3,809,346.2	4,100,252.0	4,413,373.2	4,800,100.5	2,934,648.0	1,683,348.0	2,114,938.9
J	Information and communication	1,646,321.6	1,789,037.1	1,099,213.0	2,119,273.8	2,309,682.7	2,483,008.0	2,872,542.0	3,191,183.0
K	Financial and insurance activities	1,389,144.0	1,555,629.4	1,741,353.4	1,949,250.6	2,148,239.4	2,246,358.0	2,348,957.0	2,482,233.4
L-N	Real estate, Renting and Business activities	4,701,794.6	5,448,664.1	6,256,636.7	7,184,422.1	7,956,311.1	7,165,633.9	6,095,250.0	6,240,156.7
O-U	Public administration and Other Services activities	6,742,963.1	7,222,503.8	7,797,411.8	8,418,095.9	9,113,019.3	8,921,241.7	9,013,492.8	9,595,897.9
	GROSS VALUE ADDED	69,085,333.0	76,432,841.5	83,531,901.1	93,366,970.5	103,177,964.2	99,387,351.5	103,721,243.1	113,745,995.9
	Taxes less Subsidies on products	4,337,368.6	4,809,024.5	5,450,669.7	6,177,304.3	6,836,084.0	6,504,401.1	6,784,673.0	7,283,931.2
	GROSS DOMESTIC PRODUCT (GDP)	73,422,701.6	81,241,866.0	88,982,570.8	99,544,274.8	110,014,048.2	105,891,752.6	110,505,916.1	121,029,927.1

Source:
ASEAN Secretariat

Table 4.7.2. Cambodia GDP by Industry, at Constant Prices (2000=100), 2015-2022

(in million Riel)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	9,119,880.5	9,240,591.4	9,401,242.9	9,504,461.1	9,453,852.7	9,512,344.0	9,614,945.0	9,690,250.7
B	Mining and quarrying	517,012.9	614,928.8	720,534.6	836,338.5	1,009,850.5	1,199,564.0	1,436,862.0	1,666,110.7
C	Manufacturing	9,875,311.7	10,571,186.8	11,252,561.4	12,275,597.9	13,102,008.1	12,742,461.0	14,194,292.0	15,772,223.8
D-E	Electricity and water supply	278,200.7	302,341.5	328,444.8	356,482.9	386,376.3	376,710.0	377,763.0	384,484.9
F	Construction	3,089,050.8	3,724,399.5	4,394,330.9	5,164,981.0	6,237,485.7	6,126,225.6	6,194,462.0	6,226,785.4
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	3,854,604.8	4,101,063.4	4,368,985.9	4,641,922.0	4,945,398.5	4,678,926.0	4,751,571.0	4,976,351.2
H	Transportation and storage	1,340,678.1	1,341,178.1	1,341,478.1	1,341,578.1	1,341,978.1	1,226,933.1	1,141,019.7	1,155,484.8
I	Accommodation and food service activities	2,203,407.8	2,260,422.4	2,393,646.6	2,526,146.1	2,603,584.8	1,765,042.0	1,067,204.0	1,257,969.2
J	Information and communication	1,451,458.6	1,667,316.9	1,907,213.3	2,165,867.6	2,460,507.9	2,496,882.2	2,650,787.3	2,696,131.1
K	Financial and insurance activities	976,167.4	1,053,652.9	1,134,412.3	1,219,916.1	1,316,012.9	1,300,763.0	1,317,137.0	1,332,487.4
L-N	Real estate, Renting and Business activities	2,855,168.9	3,137,367.3	3,409,177.2	3,698,189.3	3,957,663.2	3,758,766.0	3,779,297.0	3,786,163.2
O-U	Public administration and Other Services activities	4,345,070.1	4,620,591.8	4,902,304.6	5,178,869.0	5,432,154.1	5,454,504.6	5,541,728.0	5,630,855.2
	GROSS VALUE ADDED	39,906,012.4	42,635,040.8	45,554,332.5	48,910,349.5	52,246,873.0	50,639,121.5	52,067,068.0	54,575,297.6
	Taxes less Subsidies on products	3,103,261.0	3,334,379.0	3,708,154.0	4,045,820.6	4,331,216.1	4,187,305.6	4,431,439.1	4,654,189.5
	GROSS DOMESTIC PRODUCT (GDP)	43,009,273.4	45,969,419.8	49,262,486.5	52,956,170.0	56,578,089.2	54,826,427.1	56,498,507.1	59,229,487.2

Source:
ASEAN Secretariat

Table 4.7.3. Structure GDP by Industry of Cambodia, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	26.6	24.7	23.6	22.0	20.7	22.7	22.8	22.2
B	Mining and quarrying	1.3	1.5	1.7	1.8	2.1	2.6	3.2	3.7
C	Manufacturing	16.0	16.0	16.3	16.3	16.3	16.2	17.9	18.8
D-E	Electricity and water supply	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5
F	Construction	9.8	11.4	12.6	13.6	15.3	15.2	15.2	14.9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	9.5	9.5	9.6	9.5	9.2	8.8	8.3	8.2
H	Transportation and storage	5.8	6.0	6.0	5.8	5.7	5.4	6.0	6.1
I	Accommodation and food service activities	4.9	4.7	4.6	4.4	4.4	2.8	1.5	1.7
J	Information and communication	2.2	2.2	1.2	2.1	2.1	2.3	2.6	2.6
K	Financial and insurance activities	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1
L-N	Real estate, Renting and Business activities	6.4	6.7	7.0	7.2	7.2	6.8	5.5	5.2
O-U	Public administration and Other Services activities	9.2	8.9	8.8	8.5	8.3	8.4	8.2	7.9
	GROSS VALUE ADDED	94.1	94.1	93.9	93.8	93.8	93.9	93.9	94.0
	Taxes less Subsidies on products	5.9	5.9	6.1	6.2	6.2	6.1	6.1	6.0
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.7.4. Growth Rate GDP by Industry of Cambodia, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1.3	1.7	1.1	-0.5	0.6	1.1	0.8
B	Mining and quarrying	18.9	17.2	16.1	20.7	18.8	19.8	16.0
C	Manufacturing	7.0	6.4	9.1	6.7	-2.7	11.4	11.1
D-E	Electricity and water supply	8.7	8.6	8.5	8.4	-2.5	0.3	1.8
F	Construction	20.6	18.0	17.5	20.8	-1.8	1.1	0.5
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6.4	6.5	6.2	6.5	-5.4	1.6	4.7
H	Transportation and storage	0.0	0.0	0.0	0.0	-8.6	-7.0	1.3
I	Accommodation and food service activities	2.6	5.9	5.5	3.1	-32.2	-39.5	17.9
J	Information and communication	14.9	14.4	13.6	13.6	1.5	6.2	1.7
K	Financial and insurance activities	7.9	7.7	7.5	7.9	-1.2	1.3	1.2
L-N	Real estate, Renting and Business activities	9.9	8.7	8.5	7.0	-5.0	0.5	0.2
O-U	Public administration and Other Services activities	6.3	6.1	5.6	4.9	0.4	1.6	1.6
	GROSS VALUE ADDED	6.8	6.8	7.4	6.8	-3.1	2.8	4.8
	Taxes less Subsidies on products	7.4	11.2	9.1	7.1	-3.3	5.8	5.0
	GROSS DOMESTIC PRODUCT (GDP)	6.9	7.2	7.5	6.8	-3.1	3.0	4.8

Source:
ASEAN Secretariat

Table 4.8.1. Indonesia GDP by Industry, at Current Prices, 2015-2022

(in billion Rp)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1,555,207.0	1,671,597.8	1,787,963.2	1,900,621.7	2,012,742.8	2,115,494.5	2,254,541.3	2,428,900.5
B	Mining and quarrying	881,694.1	890,868.3	1,029,554.6	1,198,987.1	1,149,913.5	993,541.9	1,523,650.1	2,393,390.9
C	Manufacturing	2,418,891.7	2,545,203.6	2,739,711.9	2,947,450.8	3,119,593.8	3,068,041.7	3,266,905.5	3,591,774.7
D-E	Electricity and water supply	138,380.0	151,253.8	171,778.4	186,663.9	195,851.4	191,047.0	202,073.3	217,210.8
F	Construction	1,177,084.1	1,287,600.8	1,410,513.6	1,562,297.0	1,701,741.2	1,652,659.6	1,771,726.7	1,912,978.7
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1,532,876.7	1,635,410.4	1,768,865.2	1,931,813.0	2,060,268.9	1,993,988.7	2,199,934.9	2,516,591.5
H	Transportation and storage	578,464.3	644,993.9	735,229.6	797,777.0	881,505.4	689,552.4	719,610.3	983,530.1
I	Accommodation and food service activities	341,555.8	363,055.5	387,013.1	412,709.7	440,207.7	394,055.0	412,251.1	472,064.6
J	Information and communication	406,016.5	449,188.7	513,715.9	558,938.0	626,532.6	695,963.3	748,802.9	812,807.5
K	Financial and insurance activities	464,399.9	520,206.8	571,203.6	616,315.1	671,433.8	696,072.9	736,187.2	809,356.7
L-N	Real estate, Renting and Business activities	517,869.3	562,111.8	620,476.2	673,107.7	743,741.4	748,036.4	769,306.9	829,738.5
O-U	Public administration and Other Services activities	1,150,766.3	1,237,364.1	1,330,570.5	1,450,077.4	1,577,629.3	1,641,255.7	1,683,770.3	1,762,089.8
	GROSS VALUE ADDED	11,163,205.7	11,958,855.5	13,066,595.8	14,236,758.4	15,181,161.8	14,879,709.1	16,288,760.5	18,730,434.3
	Taxes less Subsidies on products	363,127.1	442,873.0	523,229.9	601,997.6	651,495.4	563,644.1	687,930.3	858,011.3
	GROSS DOMESTIC PRODUCT (GDP)	11,526,332.8	12,401,728.5	13,589,825.7	14,838,756.0	15,832,657.2	15,443,353.2	16,976,690.8	19,588,445.6

Source:
ASEAN Secretariat

Table 4.8.2. Indonesia GDP by Industry, at Constant Prices (2010=100), 2015-2022

(in billion Rp)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1,171,445.8	1,210,955.5	1,258,375.7	1,307,253.0	1,354,399.1	1,378,398.9	1,404,190.9	1,435,853.3
B	Mining and quarrying	767,327.2	774,593.1	779,678.4	796,505.0	806,206.2	790,475.2	822,099.5	858,146.6
C	Manufacturing	1,934,533.2	2,016,876.9	2,103,466.1	2,193,368.4	2,276,667.8	2,209,920.3	2,284,821.7	2,396,603.0
D-E	Electricity and water supply	102,263.8	107,644.5	109,536.6	115,538.0	120,441.6	118,275.7	124,780.4	132,692.0
F	Construction	879,163.9	925,040.3	987,924.9	1,048,082.8	1,108,425.0	1,072,334.8	1,102,517.7	1,124,725.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1,207,164.5	1,255,760.8	1,311,746.5	1,376,878.7	1,440,185.7	1,385,651.2	1,449,831.4	1,529,885.6
H	Transportation and storage	348,855.9	374,843.4	406,679.4	435,336.5	463,125.9	393,418.9	406,169.3	486,874.9
I	Accommodation and food service activities	268,922.4	282,823.4	298,129.7	315,068.6	333,304.6	299,122.4	310,748.6	347,943.8
J	Information and communication	421,769.8	459,208.1	503,420.7	538,762.7	589,536.1	652,062.9	696,506.1	750,389.2
K	Financial and insurance activities	347,269.0	378,279.4	398,971.4	415,620.6	443,093.1	457,486.5	464,637.7	473,615.0
L-N	Real estate, Renting and Business activities	415,375.1	438,822.2	462,332.3	487,339.3	523,837.3	519,930.5	530,389.6	553,413.9
O-U	Public administration and Other Services activities	835,444.7	872,850.3	910,997.4	973,139.2	1,039,388.0	1,054,555.0	1,072,772.5	1,107,318.0
	GROSS VALUE ADDED	8,699,535.3	9,097,697.9	9,531,259.1	10,002,892.8	10,498,610.4	10,331,632.3	10,669,465.4	11,197,460.5
	Taxes less Subsidies on products	282,981.8	336,915.5	381,669.0	422,959.1	450,545.0	391,367.0	450,612.5	512,937.3
	GROSS DOMESTIC PRODUCT (GDP)	8,982,517.1	9,434,613.4	9,912,928.1	10,425,851.9	10,949,155.4	10,722,999.3	11,120,077.9	11,710,397.8

Source:
ASEAN Secretariat

Table 4.8.3. Structure GDP by Industry of Indonesia, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	13.5	13.5	13.2	12.8	12.7	13.7	13.3	12.4
B	Mining and quarrying	7.6	7.2	7.6	8.1	7.3	6.4	9.0	12.2
C	Manufacturing	21.0	20.5	20.2	19.9	19.7	19.9	19.2	18.3
D-E	Electricity and water supply	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.1
F	Construction	10.2	10.4	10.4	10.5	10.7	10.7	10.4	9.8
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	13.3	13.2	13.0	13.0	13.0	12.9	13.0	12.8
H	Transportation and storage	5.0	5.2	5.4	5.4	5.6	4.5	4.2	5.0
I	Accommodation and food service activities	3.0	2.9	2.8	2.8	2.8	2.6	2.4	2.4
J	Information and communication	3.5	3.6	3.8	3.8	4.0	4.5	4.4	4.1
K	Financial and insurance activities	4.0	4.2	4.2	4.2	4.2	4.5	4.3	4.1
L-N	Real estate, Renting and Business activities	4.5	4.5	4.6	4.5	4.7	4.8	4.5	4.2
O-U	Public administration and Other Services activities	10.0	10.0	9.8	9.8	10.0	10.6	9.9	9.0
	GROSS VALUE ADDED	96.8	96.4	96.1	95.9	95.9	96.4	95.9	95.6
	Taxes less Subsidies on products	3.2	3.6	3.9	4.1	4.1	3.6	4.1	4.4
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.8.4. Growth Rate GDP by Industry of Indonesia, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	3.4	3.9	3.9	3.6	1.8	1.9	2.3
B	Mining and quarrying	0.9	0.7	2.2	1.2	-2.0	4.0	4.4
C	Manufacturing	4.3	4.3	4.3	3.8	-2.9	3.4	4.9
D-E	Electricity and water supply	5.3	1.8	5.5	4.2	-1.8	5.5	6.3
F	Construction	5.2	6.8	6.1	5.8	-3.3	2.8	2.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	4.0	4.5	5.0	4.6	-3.8	4.6	5.5
H	Transportation and storage	7.4	8.5	7.0	6.4	-15.1	3.2	19.9
I	Accommodation and food service activities	5.2	5.4	5.7	5.8	-10.3	3.9	12.0
J	Information and communication	8.9	9.6	7.0	9.4	10.6	6.8	7.7
K	Financial and insurance activities	8.9	5.5	4.2	6.6	3.2	1.6	1.9
L-N	Real estate, Renting and Business activities	5.6	5.4	5.4	7.5	-0.7	2.0	4.3
O-U	Public administration and Other Services activities	4.5	4.4	6.8	6.8	1.5	1.7	3.2
	GROSS VALUE ADDED	4.6	4.8	4.9	5.0	-1.6	3.3	4.9
	Taxes less Subsidies on products	19.1	13.3	10.8	6.5	-13.1	15.1	13.8
	GROSS DOMESTIC PRODUCT (GDP)	5.0	5.1	5.2	5.0	-2.1	3.7	5.3

Source:
ASEAN Secretariat

Table 4.9.1. Lao PDR GDP by Industry, at Current Prices, 2015–2022

(in billion Kip)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	20,622.4	22,275.2	22,800.9	23,943.5	26,106.7	28,504.8	29,510.9	38,438.9
B	Mining and quarrying	7,967.5	8,391.1	9,234.6	9,159.7	9,250.7	7,897.2	8,159.2	8,534.1
C	Manufacturing	9,603.1	10,046.1	10,533.6	11,359.8	12,433.3	14,466.0	15,501.1	19,594.2
D-E	Electricity and water supply	8,286.4	11,558.2	15,204.9	16,922.5	16,624.0	20,185.3	22,337.0	25,037.1
F	Construction	6,614.0	7,184.4	8,535.9	10,618.6	12,980.5	14,870.5	16,853.1	20,221.9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	14,171.8	14,813.6	16,266.7	18,671.8	19,589.1	20,712.6	21,172.6	24,771.0
H	Transportation and storage	1,596.4	1,749.6	1,896.6	2,004.0	2,189.7	2,173.1	2,208.3	3,183.6
I	Accommodation and food service activities	3,631.2	3,629.4	3,525.6	3,956.5	4,370.1	2,019.8	1,589.9	2,030.0
J	Information and communication	2,020.6	2,105.3	2,195.9	2,436.2	2,609.7	2,715.7	3,020.3	3,310.8
K	Financial and insurance activities	2,917.8	3,174.5	4,065.5	4,662.5	5,162.3	5,136.0	5,433.9	5,678.4
L-N	Real estate, Renting and Business activities	8,875.7	9,268.1	9,703.0	10,467.3	11,462.9	12,013.9	12,283.1	13,992.2
O-U	Public administration and Other Services activities	18,575.6	20,173.6	20,745.2	21,218.4	22,142.5	23,829.9	24,728.3	26,797.2
	GROSS VALUE ADDED	104,882.4	114,368.9	124,708.4	135,420.9	144,921.3	154,524.8	162,797.7	191,589.4
	Taxes less Subsidies on products	12,369.2	14,910.2	15,989.4	16,993.3	17,736.1	18,394.6	22,183.9	24,020.0
	GROSS DOMESTIC PRODUCT (GDP)	117,251.6	129,279.1	140,697.7	152,414.2	162,657.4	172,919.4	184,981.6	215,609.4

Source:
ASEAN Secretariat

Table 4.9.2. Lao PDR GDP by Industry, at Constant Prices (2012=100), 2015-2022

(in billion Kip)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	16,790.9	17,254.1	17,749.9	17,974.8	18,193.9	18,404.2	18,855.5	19,487.5
B	Mining and quarrying	10,616.8	11,051.6	10,579.2	9,891.0	9,884.7	8,233.3	8,362.3	8,596.0
C	Manufacturing	8,697.6	8,970.8	9,368.1	9,952.8	10,620.8	11,985.8	12,348.1	12,927.0
D-E	Electricity and water supply	7,132.5	9,824.0	12,929.9	14,410.7	14,149.4	16,999.7	18,499.1	18,999.0
F	Construction	6,292.1	6,820.2	8,046.2	9,864.1	11,936.3	13,661.4	14,776.7	15,834.3
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	13,621.6	14,515.7	15,565.8	17,231.4	18,658.4	18,898.6	19,210.0	19,991.2
H	Transportation and storage	1,481.9	1,605.9	1,715.4	1,797.9	1,943.9	1,887.7	1,897.2	2,442.8
I	Accommodation and food service activities	3,198.9	3,162.0	3,010.0	3,242.1	3,501.5	1,574.2	1,175.0	1,275.8
J	Information and communication	1,931.6	2,012.9	2,100.0	2,303.5	2,466.2	2,677.9	2,851.8	3,007.7
K	Financial and insurance activities	2,288.1	2,466.3	2,703.9	2,969.8	3,217.3	3,256.8	3,353.1	3,467.1
L-N	Real estate, Renting and Business activities	8,553.5	8,919.0	9,224.6	9,707.8	10,487.6	10,772.6	10,916.8	11,310.0
O-U	Public administration and Other Services activities	10,914.5	11,261.5	11,562.0	11,791.6	12,133.9	12,714.9	13,089.3	13,608.5
	GROSS VALUE ADDED	91,519.9	97,863.9	104,554.9	111,137.7	117,193.8	121,067.0	125,334.9	130,946.7
	Taxes less Subsidies on products	10,247.7	11,050.9	11,821.9	12,557.9	13,252.9	13,653.5	14,073.4	14,627.4
	GROSS DOMESTIC PRODUCT (GDP)	101,767.6	108,914.8	116,376.8	123,695.6	130,446.6	134,720.4	139,408.4	145,574.1

Source:
ASEAN Secretariat

Table 4.9.3. Structure GDP by Industry of Lao PDR, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	17.6	17.2	16.2	15.7	16.1	16.5	16.0	17.8
B	Mining and quarrying	6.8	6.5	6.6	6.0	5.7	4.6	4.4	4.0
C	Manufacturing	8.2	7.8	7.5	7.5	7.6	8.4	8.4	9.1
D-E	Electricity and water supply	7.1	8.9	10.8	11.1	10.2	11.7	12.1	11.6
F	Construction	5.6	5.6	6.1	7.0	8.0	8.6	9.1	9.4
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	12.1	11.5	11.6	12.3	12.0	12.0	11.4	11.5
H	Transportation and storage	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.5
I	Accommodation and food service activities	3.1	2.8	2.5	2.6	2.7	1.2	0.9	0.9
J	Information and communication	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5
K	Financial and insurance activities	2.5	2.5	2.9	3.1	3.2	3.0	2.9	2.6
L-N	Real estate, Renting and Business activities	7.6	7.2	6.9	6.9	7.0	6.9	6.6	6.5
O-U	Public administration and Other Services activities	15.8	15.6	14.7	13.9	13.6	13.8	13.4	12.4
	GROSS VALUE ADDED	89.5	88.5	88.6	88.9	89.1	89.4	88.0	88.9
	Taxes less Subsidies on products	10.5	11.5	11.4	11.1	10.9	10.6	12.0	11.1
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.9.4. Growth Rate GDP by Industry of Lao PDR, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	2.8	2.9	1.3	1.2	1.2	2.5	3.4
B	Mining and quarrying	4.1	-4.3	-6.5	-0.1	-16.7	1.6	2.8
C	Manufacturing	3.1	4.4	6.2	6.7	12.9	3.0	4.7
D-E	Electricity and water supply	37.7	31.6	11.5	-1.8	20.1	8.8	2.7
F	Construction	8.4	18.0	22.6	21.0	14.5	8.2	7.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6.6	7.2	10.7	8.3	1.3	1.6	4.1
H	Transportation and storage	8.4	6.8	4.8	8.1	-2.9	0.5	28.8
I	Accommodation and food service activities	-1.2	-4.8	7.7	8.0	-55.0	-25.4	8.6
J	Information and communication	4.2	4.3	9.7	7.1	8.6	6.5	5.5
K	Financial and insurance activities	7.8	9.6	9.8	8.3	1.2	3.0	3.4
L-N	Real estate, Renting and Business activities	4.3	3.4	5.2	8.0	2.7	1.3	3.6
O-U	Public administration and Other Services activities	3.2	2.7	2.0	2.9	4.8	2.9	4.0
	GROSS VALUE ADDED	6.9	6.8	6.3	5.4	3.3	3.5	4.5
	Taxes less Subsidies on products	7.8	7.0	6.2	5.5	3.0	3.1	3.9
	GROSS DOMESTIC PRODUCT (GDP)	7.0	6.9	6.3	5.5	3.3	3.5	4.4

Source:
ASEAN Secretariat

Table 4.10.1. Malaysia GDP by Industry, at Current Prices, 2015-2022

(in million RM)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	97,539.0	105,756.0	117,995.0	108,757.0	109,542.0	115,834.0	148,301.0	159,803.0
B	Mining and quarrying	103,059.0	103,959.0	121,326.0	134,833.0	131,084.0	96,172.0	124,355.0	176,870.0
C	Manufacturing	262,379.0	272,396.0	299,797.0	311,676.0	323,862.0	315,360.0	362,301.0	419,062.0
D-E	Electricity and water supply	31,710.0	33,483.0	35,377.0	37,811.0	40,909.0	40,542.0	41,798.0	43,586.0
F	Construction	55,382.0	61,089.0	66,552.0	70,048.0	71,067.0	57,657.0	55,717.0	60,816.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	184,023.0	198,154.0	218,318.0	237,239.0	253,856.0	240,527.0	249,200.0	297,423.0
H	Transportation and storage	42,057.0	45,234.0	48,786.0	52,707.0	57,107.0	45,383.0	46,564.0	62,126.0
I	Accommodation and food service activities	36,219.0	40,153.0	44,739.0	50,334.0	56,805.0	43,031.0	39,889.0	54,662.0
J	Information and communication	62,303.0	67,730.0	74,039.0	80,359.0	85,695.0	90,696.0	96,246.0	101,642.0
K	Financial and insurance activities	78,634.0	81,457.0	86,266.0	90,955.0	95,026.0	97,642.0	107,801.0	109,717.0
L-N	Real estate, Renting and Business activities	51,430.0	56,075.0	61,367.0	67,220.0	73,455.0	63,176.0	57,370.0	71,030.0
O-U	Public administration and Other Services activities	157,508.0	167,681.0	178,467.0	188,369.0	197,276.0	196,716.0	202,334.0	215,808.0
	GROSS VALUE ADDED	1,162,243.0	1,233,167.0	1,353,029.0	1,430,308.0	1,495,684.0	1,402,736.0	1,531,876.0	1,772,545.0
	Taxes less Subsidies on products	14,699.0	16,529.0	19,280.0	17,453.0	17,053.0	15,755.0	17,023.0	18,812.0
	GROSS DOMESTIC PRODUCT (GDP)	1,176,942.0	1,249,696.0	1,372,309.0	1,447,761.0	1,512,737.0	1,418,491.0	1,548,899.0	1,791,357.0

Source:
ASEAN Secretariat

Table 4.10.2. Malaysia GDP by Industry, at Constant Prices (2015=100), 2015-2022

(in million RM)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	97,539.0	93,977.0	99,509.0	99,637.0	101,573.0	99,109.0	99,000.0	99,073.0
B	Mining and quarrying	103,059.0	105,368.0	105,838.0	103,557.0	102,887.0	92,879.0	93,717.0	96,199.0
C	Manufacturing	262,379.0	273,899.0	290,464.0	304,843.0	316,283.0	307,606.0	336,839.0	364,131.0
D-E	Electricity and water supply	31,710.0	33,412.0	34,396.0	36,109.0	38,327.0	37,951.0	39,024.0	40,337.0
F	Construction	55,382.0	59,508.0	63,522.0	66,194.0	66,453.0	53,616.0	50,889.0	53,441.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	184,023.0	195,708.0	209,885.0	227,167.0	242,704.0	228,560.0	233,144.0	264,512.0
H	Transportation and storage	42,057.0	44,463.0	47,212.0	50,208.0	53,632.0	42,078.0	42,653.0	55,799.0
I	Accommodation and food service activities	36,219.0	38,831.0	41,747.0	45,502.0	49,822.0	36,539.0	32,731.0	43,547.0
J	Information and communication	62,303.0	67,301.0	73,113.0	79,110.0	84,225.0	89,203.0	94,639.0	99,576.0
K	Financial and insurance activities	78,634.0	80,723.0	84,532.0	89,089.0	93,358.0	96,102.0	105,839.0	106,667.0
L-N	Real estate, Renting and Business activities	51,430.0	54,965.0	59,132.0	63,745.0	68,763.0	58,765.0	53,088.0	65,143.0
O-U	Public administration and Other Services activities	157,508.0	165,159.0	173,343.0	182,061.0	189,747.0	188,494.0	193,434.0	205,729.0
	GROSS VALUE ADDED	1,162,243.0	1,213,314.0	1,282,693.0	1,347,222.0	1,407,774.0	1,330,902.0	1,374,997.0	1,494,154.0
	Taxes less Subsidies on products	14,699.0	16,000.0	18,076.0	16,546.0	16,179.0	15,346.0	15,646.0	16,785.0
	GROSS DOMESTIC PRODUCT (GDP)	1,176,942.0	1,229,314.0	1,300,769.0	1,363,768.0	1,423,953.0	1,346,248.0	1,390,643.0	1,510,939.0

Source:
ASEAN Secretariat

Table 4.10.3. Structure GDP by Industry of Malaysia, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	8.3	8.5	8.6	7.5	7.2	8.2	9.6	8.9
B	Mining and quarrying	8.8	8.3	8.8	9.3	8.7	6.8	8.0	9.9
C	Manufacturing	22.3	21.8	21.8	21.5	21.4	22.2	23.4	23.4
D-E	Electricity and water supply	2.7	2.7	2.6	2.6	2.7	2.9	2.7	2.4
F	Construction	4.7	4.9	4.8	4.8	4.7	4.1	3.6	3.4
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	15.6	15.9	15.9	16.4	16.8	17.0	16.1	16.6
H	Transportation and storage	3.6	3.6	3.6	3.6	3.8	3.2	3.0	3.5
I	Accommodation and food service activities	3.1	3.2	3.3	3.5	3.8	3.0	2.6	3.1
J	Information and communication	5.3	5.4	5.4	5.6	5.7	6.4	6.2	5.7
K	Financial and insurance activities	6.7	6.5	6.3	6.3	6.3	6.9	7.0	6.1
L-N	Real estate, Renting and Business activities	4.4	4.5	4.5	4.6	4.9	4.5	3.7	4.0
O-U	Public administration and Other Services activities	13.4	13.4	13.0	13.0	13.0	13.9	13.1	12.0
	GROSS VALUE ADDED	98.8	98.7	98.6	98.8	98.9	98.9	98.9	98.9
	Taxes less Subsidies on products	1.2	1.3	1.4	1.2	1.1	1.1	1.1	1.1
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.10.4. Growth Rate GDP by Industry of Malaysia, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	-3.7	5.9	0.1	1.9	-2.4	-0.1	0.1
B	Mining and quarrying	2.2	0.4	-2.2	-0.6	-9.7	0.9	2.6
C	Manufacturing	4.4	6.0	5.0	3.8	-2.7	9.5	8.1
D-E	Electricity and water supply	5.4	2.9	5.0	6.1	-1.0	2.8	3.4
F	Construction	7.5	6.7	4.2	0.4	-19.3	-5.1	5.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6.3	7.2	8.2	6.8	-5.8	2.0	13.5
H	Transportation and storage	5.7	6.2	6.3	6.8	-21.5	1.4	30.8
I	Accommodation and food service activities	7.2	7.5	9.0	9.5	-26.7	-10.4	33.0
J	Information and communication	8.0	8.6	8.2	6.5	5.9	6.1	5.2
K	Financial and insurance activities	2.7	4.7	5.4	4.8	2.9	10.1	0.8
L-N	Real estate, Renting and Business activities	6.9	7.6	7.8	7.9	-14.5	-9.7	22.7
O-U	Public administration and Other Services activities	4.9	5.0	5.0	4.2	-0.7	2.6	6.4
	GROSS VALUE ADDED	4.4	5.7	5.0	4.5	-5.5	3.3	8.7
	Taxes less Subsidies on products	8.9	13.0	-8.5	-2.2	-5.1	2.0	7.3
	GROSS DOMESTIC PRODUCT (GDP)	4.4	5.8	4.8	4.4	-5.5	3.3	8.7

Source:
ASEAN Secretariat

Table 4.11.1. Myanmar GDP by Industry, at Current Prices¹⁾, 2015-2022

(in billion Kyat)

ISIC Code	Industry	2015 ²⁾	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	18,162.3	19,841.1	20,606.9	21,344.0	22,477.0	23,587.6	24,530.0	26,693.8
B	Mining and quarrying	4,797.5	3,921.4	4,045.1	4,500.2	5,712.7	5,381.6	4,079.8	5,693.5
C	Manufacturing	13,007.2	15,818.0	19,014.7	22,477.6	26,062.3	28,801.5	27,717.5	30,007.5
D-E	Electricity and water supply	926.9	1,072.5	1,154.5	1,283.3	1,474.7	1,906.9	1,765.3	1,693.8
F	Construction	3,777.1	4,356.5	5,118.7	5,832.2	6,707.2	7,417.3	6,617.9	7,079.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	12,217.5	14,202.4	16,258.1	18,729.5	21,638.3	23,692.8	23,047.1	24,644.1
H	Transportation and storage	7,512.9	8,513.6	9,271.7	10,430.7	11,838.8	12,085.2	10,708.4	11,803.2
I	Accommodation and food service activities	269.2	327.5	382.1	458.3	551.2	612.9	468.8	511.3
J	Information and communication	1,158.1	1,598.2	1,744.8	1,853.5	2,077.8	2,263.1	2,334.0	2,509.0
K	Financial and insurance activities	139.7	198.2	277.3	352.1	392.7	418.9	393.1	415.5
L-N	Real estate, Renting and Business activities	500.3	635.8	673.7	717.0	788.9	829.3	727.1	753.9
O-U	Public administration and Other Services activities	2,793.4	3,730.6	4,152.4	4,810.6	5,536.9	5,772.6	5,816.7	6,196.5
	GROSS VALUE ADDED	65,261.9	74,215.7	82,700.0	92,789.0	105,258.5	112,769.7	108,205.7	118,001.2
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	65,261.9	74,215.7	82,700.0	92,789.0	105,258.5	112,769.7	108,205.7	118,001.2

Source:
ASEAN Secretariat

Notes:

- 1) Very preliminary figure in fiscal year
2) Break series in 2015 (2010/2011=100) and 2016-2022 (2015/2016=100)

Table 4.11.2. Myanmar GDP by Industry, at Constant Prices (2015/2016=100)¹⁾, 2015-2022

(in billion Kyat)

ISIC Code	Industry	2015 ²⁾	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	15,768.8	19,841.1	19,548.6	19,562.2	19,872.3	20,197.1	20,406.7	21,146.2
B	Mining and quarrying	699.3	3,921.4	4,048.2	4,095.9	4,183.8	4,074.5	3,601.7	3,286.5
C	Manufacturing	11,370.5	15,818.0	17,374.7	19,092.9	20,942.4	21,938.8	20,144.4	20,694.4
D-E	Electricity and water supply	633.3	1,072.5	1,158.5	1,282.5	1,379.6	1,425.9	1,343.5	1,282.6
F	Construction	2,955.9	4,356.5	4,779.8	5,168.1	5,620.2	5,904.9	5,037.3	5,104.8
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	9,690.3	14,202.4	15,274.7	16,477.9	17,773.4	18,561.6	17,573.6	18,087.2
H	Transportation and storage	6,610.0	8,513.6	9,142.3	9,890.6	10,690.4	10,766.3	9,497.6	10,104.1
I	Accommodation and food service activities	222.3	327.5	359.6	403.8	452.4	480.9	359.5	369.5
J	Information and communication	2,185.7	1,598.2	1,808.7	2,067.1	2,316.1	2,548.1	2,636.2	2,697.3
K	Financial and insurance activities	180.3	198.2	277.3	352.1	392.7	422.4	404.0	427.0
L-N	Real estate, Renting and Business activities	394.4	635.8	672.7	707.4	739.4	741.4	699.4	554.1
O-U	Public administration and Other Services activities	2,074.2	3,730.6	4,038.2	4,409.7	4,784.6	4,909.8	4,857.8	5,221.9
	GROSS VALUE ADDED	52,785.1	74,215.7	78,483.2	83,510.0	89,147.3	91,971.6	86,561.8	88,975.6
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	52,785.1	74,215.7	78,483.2	83,510.0	89,147.3	91,971.6	86,561.8	88,975.6

Source:
ASEAN Secretariat

Notes:

- 1) Very preliminary figure in fiscal year
- 2) Break series in 2015 (2010/2011=100) and 2016-2022 (2015/2016=100)

Table 4.11.3. Structure GDP by Industry of Myanmar, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	27.8	26.7	24.9	23.0	21.4	20.9	22.7	22.6
B	Mining and quarrying	7.4	5.3	4.9	4.8	5.4	4.8	3.8	4.8
C	Manufacturing	19.9	21.3	23.0	24.2	24.8	25.5	25.6	25.4
D-E	Electricity and water supply	1.4	1.4	1.4	1.4	1.4	1.7	1.6	1.4
F	Construction	5.8	5.9	6.2	6.3	6.4	6.6	6.1	6.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	18.7	19.1	19.7	20.2	20.6	21.0	21.3	20.9
H	Transportation and storage	11.5	11.5	11.2	11.2	11.2	10.7	9.9	10.0
I	Accommodation and food service activities	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4
J	Information and communication	1.8	2.2	2.1	2.0	2.0	2.0	2.2	2.1
K	Financial and insurance activities	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
L-N	Real estate, Renting and Business activities	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.6
O-U	Public administration and Other Services activities	4.3	5.0	5.0	5.2	5.3	5.1	5.4	5.3
	GROSS VALUE ADDED	100	100	100	100	100	100	100	100
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.11.4. Growth Rate GDP by Industry of Myanmar, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	3.4	-1.5	0.1	1.6	1.6	1.0	3.6
B	Mining and quarrying	6.3	3.2	1.2	2.1	-2.6	-11.6	-8.8
C	Manufacturing	9.3	9.8	9.9	9.7	4.8	-8.2	2.7
D-E	Electricity and water supply	11.8	8.0	10.7	7.6	3.4	-5.8	-4.5
F	Construction	6.6	9.7	8.1	8.7	5.1	-14.7	1.3
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6.1	7.6	7.9	7.9	4.4	-5.3	2.9
H	Transportation and storage	7.9	7.4	8.2	8.1	0.7	-11.8	6.4
I	Accommodation and food service activities	11.7	9.8	12.3	12.0	6.3	-25.2	2.8
J	Information and communication	25.3	13.2	14.3	12.0	10.0	3.5	2.3
K	Financial and insurance activities	23.6	39.9	27.0	11.5	7.6	-4.4	5.7
L-N	Real estate, Renting and Business activities	11.7	5.8	5.2	4.5	0.3	-5.7	-20.8
O-U	Public administration and Other Services activities	7.8	8.2	9.2	8.5	2.6	-1.1	7.5
	GROSS VALUE ADDED	7.3	5.8	6.4	6.8	3.2	-5.9	2.8
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	7.3	5.8	6.4	6.8	3.2	-5.9	2.8

Source:
ASEAN Secretariat

Table 4.12.1. The Philippines GDP by Industry, at Current Prices, 2015-2022

(in million PhP)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1,533,369.2	1,544,278.5	1,685,956.2	1,762,616.5	1,721,538.7	1,828,423.6	1,954,486.6	2,103,198.0
B	Mining and quarrying	119,626.5	125,897.5	148,093.9	163,322.5	161,656.4	137,060.3	185,371.0	280,249.6
C	Manufacturing	2,778,794.8	2,964,479.4	3,228,580.4	3,488,331.2	3,614,016.2	3,169,921.0	3,424,048.8	3,796,904.1
D-E	Electricity and water supply	443,279.2	466,221.7	505,119.2	557,030.2	607,881.5	611,051.3	650,960.5	746,142.1
F	Construction	908,750.8	1,026,381.8	1,106,154.4	1,373,841.4	1,535,727.4	1,180,199.4	1,347,309.1	1,613,641.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	2,427,159.6	2,668,595.6	2,926,501.5	3,237,304.5	3,517,653.1	3,317,370.7	3,502,794.5	3,987,519.1
H	Transportation and storage	525,720.8	580,079.3	637,191.4	697,839.1	757,661.3	551,044.6	605,203.6	806,522.1
I	Accommodation and food service activities	262,370.5	304,557.1	346,119.0	403,289.3	431,777.7	253,013.2	285,187.0	395,073.2
J	Information and communication	455,634.8	473,142.5	490,329.7	515,924.8	562,833.7	593,039.4	640,033.6	695,675.3
K	Financial and insurance activities	1,087,980.5	1,193,651.5	1,326,582.5	1,498,146.7	1,681,870.1	1,823,978.7	1,963,148.4	2,224,346.3
L-N	Real estate, Renting and Business activities	1,769,665.1	1,987,863.2	2,186,790.5	2,348,937.6	2,475,400.4	2,219,170.2	2,361,709.9	2,599,934.7
O-U	Public administration and Other Services activities	1,631,805.8	1,797,233.4	1,969,232.5	2,218,606.4	2,449,846.6	2,267,301.1	2,490,361.5	2,775,309.4
	GROSS VALUE ADDED	13,944,157.4	15,132,381.5	16,556,651.1	18,265,190.3	19,517,863.2	17,951,573.6	19,410,614.5	22,024,515.0
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	13,944,157.4	15,132,381.5	16,556,651.1	18,265,190.3	19,517,863.2	17,951,573.6	19,410,614.5	22,024,515.0

Source:
ASEAN Secretariat

Table 4.12.2. The Philippines GDP by Industry, at Constant Prices (2018=100), 2015-2022

(in million PhP)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1,688,343.8	1,672,085.0	1,743,134.3	1,762,616.5	1,783,855.1	1,780,390.6	1,775,210.3	1,783,499.0
B	Mining and quarrying	148,588.7	156,806.5	160,065.5	163,322.5	168,857.0	137,493.0	144,498.1	152,184.5
C	Manufacturing	2,874,284.4	3,070,939.4	3,317,641.4	3,488,331.2	3,620,455.9	3,266,301.6	3,556,426.3	3,730,402.8
D-E	Electricity and water supply	458,766.0	500,471.8	523,160.6	557,030.2	591,312.0	589,213.0	615,591.4	647,256.7
F	Construction	1,011,750.9	1,133,124.1	1,201,714.0	1,373,841.4	1,507,243.7	1,122,308.0	1,235,106.1	1,384,859.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	2,670,294.0	2,861,060.5	3,057,552.3	3,237,304.5	3,489,299.4	3,275,536.8	3,413,863.9	3,710,868.1
H	Transportation and storage	548,047.7	604,327.9	648,153.1	697,839.1	742,346.5	515,149.4	547,806.9	678,560.7
I	Accommodation and food service activities	297,279.1	332,612.1	371,233.7	403,289.3	425,692.4	231,810.7	248,404.0	328,180.3
J	Information and communication	436,741.4	462,875.7	483,683.4	515,924.8	557,007.1	585,185.1	638,971.3	689,867.8
K	Financial and insurance activities	1,171,993.7	1,275,687.0	1,382,520.6	1,498,146.7	1,676,448.1	1,769,952.5	1,854,248.1	1,986,719.3
L-N	Real estate, Renting and Business activities	1,898,061.5	2,080,325.7	2,246,339.8	2,348,937.6	2,420,628.1	2,100,044.1	2,190,742.0	2,350,328.8
O-U	Public administration and Other Services activities	1,786,756.4	1,912,360.4	2,040,779.2	2,218,606.4	2,399,605.1	2,164,458.4	2,319,215.8	2,500,903.1
	GROSS VALUE ADDED	14,990,907.5	16,062,675.9	17,175,978.1	18,265,190.3	19,382,750.6	17,537,843.3	18,540,084.2	19,943,630.2
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	14,990,907.5	16,062,675.9	17,175,978.1	18,265,190.3	19,382,750.6	17,537,843.3	18,540,084.2	19,943,630.2

Source:
ASEAN Secretariat

Table 4.12.3. Structure GDP by Industry of The Philippines, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	11.0	10.2	10.2	9.7	8.8	10.2	10.1	9.5
B	Mining and quarrying	0.9	0.8	0.9	0.9	0.8	0.8	1.0	1.3
C	Manufacturing	19.9	19.6	19.5	19.1	18.5	17.7	17.6	17.2
D-E	Electricity and water supply	3.2	3.1	3.1	3.0	3.1	3.4	3.4	3.4
F	Construction	6.5	6.8	6.7	7.5	7.9	6.6	6.9	7.3
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	17.4	17.6	17.7	17.7	18.0	18.5	18.0	18.1
H	Transportation and storage	3.8	3.8	3.8	3.8	3.9	3.1	3.1	3.7
I	Accommodation and food service activities	1.9	2.0	2.1	2.2	2.2	1.4	1.5	1.8
J	Information and communication	3.3	3.1	3.0	2.8	2.9	3.3	3.3	3.2
K	Financial and insurance activities	7.8	7.9	8.0	8.2	8.6	10.2	10.1	10.1
L-N	Real estate, Renting and Business activities	12.7	13.1	13.2	12.9	12.7	12.4	12.2	11.8
O-U	Public administration and Other Services activities	11.7	11.9	11.9	12.1	12.6	12.6	12.8	12.6
	GROSS VALUE ADDED	100	100	100	100	100	100	100	100
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.12.4. Growth Rate GDP by Industry of The Philippines, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	-1.0	4.2	1.1	1.2	-0.2	-0.3	0.5
B	Mining and quarrying	5.5	2.1	2.0	3.4	-18.6	5.1	5.3
C	Manufacturing	6.8	8.0	5.1	3.8	-9.8	8.9	4.9
D-E	Electricity and water supply	9.1	4.5	6.5	6.2	-0.4	4.5	5.1
F	Construction	12.0	6.1	14.3	9.7	-25.5	10.1	12.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	7.1	6.9	5.9	7.8	-6.1	4.2	8.7
H	Transportation and storage	10.3	7.3	7.7	6.4	-30.6	6.3	23.9
I	Accommodation and food service activities	11.9	11.6	8.6	5.6	-45.5	7.2	32.1
J	Information and communication	6.0	4.5	6.7	8.0	5.1	9.2	8.0
K	Financial and insurance activities	8.8	8.4	8.4	11.9	5.6	4.8	7.1
L-N	Real estate, Renting and Business activities	9.6	8.0	4.6	3.1	-13.2	4.3	7.3
O-U	Public administration and Other Services activities	7.0	6.7	8.7	8.2	-9.8	7.1	7.8
	GROSS VALUE ADDED	7.1	6.9	6.3	6.1	-9.5	5.7	7.6
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	7.1	6.9	6.3	6.1	-9.5	5.7	7.6

Source:
ASEAN Secretariat

Table 4.13.1. Singapore GDP by Industry, at Current Prices, 2015-2022

(in million S\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	138.1	139.2	145.9	153.2	165.5	158.1	179.2	180.9
B	Mining and quarrying	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
C	Manufacturing	76,598.2	77,026.9	88,021.9	105,388.5	99,693.7	94,957.7	118,345.6	131,932.6
D-E	Electricity and water supply	5,817.2	5,615.1	5,498.1	5,826.0	5,873.1	6,216.8	6,232.6	6,731.6
F	Construction	20,430.8	19,760.3	17,935.1	17,833.6	18,054.7	11,012.7	14,142.2	16,796.9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	65,584.5	74,169.9	82,138.1	89,122.5	91,367.6	88,967.5	107,801.2	121,645.8
H	Transportation and storage	30,015.0	27,737.4	31,589.0	30,857.5	31,505.8	28,812.4	48,443.5	63,568.2
I	Accommodation and food service activities	8,763.1	9,191.2	9,349.5	9,806.9	9,932.9	6,560.5	6,523.3	9,318.3
J	Information and communication	16,227.4	18,169.9	19,142.1	20,329.1	22,789.0	25,723.9	29,564.2	33,111.9
K	Financial and insurance activities	49,872.2	51,598.8	56,785.7	62,480.8	68,145.6	69,816.3	74,308.8	82,394.2
L-N	Real estate, Renting and Business activities	80,766.5	83,242.4	84,174.9	87,432.2	86,476.6	77,767.9	80,463.6	88,785.3
O-U	Public administration and Other Services activities	44,974.4	47,521.2	50,380.0	52,529.1	54,118.0	48,526.1	53,030.8	57,149.8
	GROSS VALUE ADDED	399,187.4	414,172.3	445,160.3	481,759.4	488,122.5	458,519.9	539,035.0	611,615.5
	Taxes less Subsidies on products	24,256.7	26,582.4	28,873.8	26,578.0	25,943.5	22,171.3	30,329.2	31,930.3
	GROSS DOMESTIC PRODUCT (GDP)	423,444.1	440,754.7	474,034.1	508,337.4	514,066.0	480,691.2	569,364.2	643,545.8

Source:
ASEAN Secretariat

Note:
n.a. not applicable

Table 4.13.2. Singapore GDP by Industry, at Constant Prices (in Chained), 2015-2022

(in million S\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	138.1	137.5	141.5	146.1	155.9	149.2	166.2	153.4
B	Mining and quarrying	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
C	Manufacturing	76,598.2	79,433.1	87,699.0	93,863.1	92,497.3	99,463.0	112,691.5	115,518.7
D-E	Electricity and water supply	5,817.2	5,910.8	5,893.7	5,850.7	5,916.7	5,759.1	5,976.2	6,075.9
F	Construction	20,430.8	20,264.7	19,264.7	19,301.0	19,315.9	11,192.7	13,492.7	14,397.6
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	65,584.5	66,311.4	67,809.9	69,781.2	70,583.6	69,016.8	75,764.8	78,414.9
H	Transportation and storage	30,015.0	30,953.6	32,563.1	32,873.5	32,918.7	27,725.1	30,482.1	31,687.5
I	Accommodation and food service activities	8,763.1	9,073.6	9,159.3	9,473.5	9,410.3	7,099.1	6,936.9	7,770.2
J	Information and communication	16,227.4	17,501.7	18,278.4	19,414.1	21,739.5	24,249.8	27,493.1	29,844.4
K	Financial and insurance activities	49,872.2	50,516.4	54,187.2	57,493.7	61,449.9	65,341.3	70,747.0	71,720.6
L-N	Real estate, Renting and Business activities	80,766.5	84,511.1	86,657.0	89,146.9	87,351.5	78,865.9	80,445.0	86,031.2
O-U	Public administration and Other Services activities	44,974.4	46,501.1	47,910.1	48,921.6	50,294.7	45,996.0	48,532.8	51,058.6
	GROSS VALUE ADDED	399,187.4	411,115.2	429,322.6	446,037.3	451,597.6	437,011.2	475,142.8	494,866.9
	Taxes less Subsidies on products	24,256.7	27,579.9	29,331.6	28,942.9	29,772.3	24,851.8	27,865.0	26,384.3
	GROSS DOMESTIC PRODUCT (GDP)	423,444.1	438,695.1	458,654.2	475,030.7	481,354.6	462,576.7	503,664.4	522,032.9

Source:
ASEAN Secretariat

Note:
n.a. not applicable

Table 4.13.3. Structure GDP by Industry of Singapore, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B	Mining and quarrying	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
C	Manufacturing	19.2	18.6	19.8	21.9	20.4	20.7	22.0	21.6
D-E	Electricity and water supply	1.5	1.4	1.2	1.2	1.2	1.4	1.2	1.1
F	Construction	5.1	4.8	4.0	3.7	3.7	2.4	2.6	2.7
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	16.4	17.9	18.5	18.5	18.7	19.4	20.0	19.9
H	Transportation and storage	7.5	6.7	7.1	6.4	6.5	6.3	9.0	10.4
I	Accommodation and food service activities	2.2	2.2	2.1	2.0	2.0	1.4	1.2	1.5
J	Information and communication	4.1	4.4	4.3	4.2	4.7	5.6	5.5	5.4
K	Financial and insurance activities	12.5	12.5	12.8	13.0	14.0	15.2	13.8	13.5
L-N	Real estate, Renting and Business activities	20.2	20.1	18.9	18.1	17.7	17.0	14.9	14.5
O-U	Public administration and Other Services activities	11.3	11.5	11.3	10.9	11.1	10.6	9.8	9.3
	GROSS VALUE ADDED	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Taxes less Subsidies on products	6.1	6.4	6.5	5.5	5.3	4.8	5.6	5.2
	GROSS DOMESTIC PRODUCT (GDP)	106.1	106.4	106.5	105.5	105.3	104.8	105.6	105.2

Source:
ASEAN Secretariat

Note:
n.a. not applicable

Table 4.13.4. Growth Rate GDP by Industry of Singapore, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	-0.4	2.9	3.3	6.7	-4.3	11.4	-7.7
B	Mining and quarrying	n.a	n.a	n.a	n.a	n.a	n.a	n.a
C	Manufacturing	3.7	10.4	7.0	-1.5	7.5	13.3	2.5
D-E	Electricity and water supply	1.6	-0.3	-0.7	1.1	-2.7	3.8	1.7
F	Construction	-0.8	-4.9	0.2	0.1	-42.1	20.5	6.7
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1.1	2.3	2.9	1.1	-2.2	9.8	3.5
H	Transportation and storage	3.1	5.2	1.0	0.1	-15.8	9.9	4.0
I	Accommodation and food service activities	3.5	0.9	3.4	-0.7	-24.6	-2.3	12.0
J	Information and communication	7.9	4.4	6.2	12.0	11.5	13.4	8.6
K	Financial and insurance activities	1.3	7.3	6.1	6.9	6.3	8.3	1.4
L-N	Real estate, Renting and Business activities	4.6	2.5	2.9	-2.0	-9.7	2.0	6.9
O-U	Public administration and Other Services activities	3.4	3.0	2.1	2.8	-8.5	5.5	5.2
	GROSS VALUE ADDED	3.0	4.4	3.9	1.2	-3.2	8.7	4.2
	Taxes less Subsidies on products	13.7	6.4	-1.3	2.9	-16.5	12.1	-5.3
	GROSS DOMESTIC PRODUCT (GDP)	3.6	4.5	3.6	1.3	-3.9	8.9	3.6

Source:
ASEAN Secretariat

Note:
n.a. not applicable

Table 4.14.1. Thailand GDP by Industry, at Current Prices, 2015-2022

(in million Baht)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1,219,420.0	1,236,981.0	1,302,041.0	1,342,911.0	1,372,848.0	1,362,954.0	1,407,848.0	1,531,121.0
B	Mining and quarrying	431,425.0	399,753.0	386,153.0	416,991.0	411,820.0	324,118.0	351,863.0	380,606.0
C	Manufacturing	3,762,150.0	3,960,437.0	4,184,233.0	4,373,783.0	4,327,276.0	4,002,001.0	4,393,661.0	4,693,558.0
D-E	Electricity and water supply	398,763.0	431,663.0	458,823.0	487,573.0	515,562.0	465,280.0	472,978.0	566,883.0
F	Construction	379,940.0	400,376.0	394,729.0	410,157.0	419,075.0	421,988.0	437,761.0	437,883.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1,966,439.0	2,187,129.0	2,379,660.0	2,580,986.0	2,744,078.0	2,650,613.0	2,636,628.0	2,686,683.0
H	Transportation and storage	779,135.0	864,556.0	920,641.0	955,066.0	983,945.0	748,649.0	736,612.0	805,425.0
I	Accommodation and food service activities	600,218.0	696,810.0	817,326.0	922,803.0	1,031,231.0	605,291.0	515,444.0	777,961.0
J	Information and communication	327,394.0	337,483.0	361,815.0	388,297.0	431,414.0	435,517.0	459,095.0	490,247.0
K	Financial and insurance activities	1,037,966.0	1,120,954.0	1,181,246.0	1,240,877.0	1,267,132.0	1,289,695.0	1,345,451.0	1,438,997.0
L-N	Real estate, Renting and Business activities	830,904.0	849,615.0	903,598.0	948,143.0	979,108.0	915,476.0	912,577.0	960,306.0
O-U	Public administration and Other Services activities	2,009,724.0	2,104,580.0	2,198,399.0	2,305,753.0	2,405,680.0	2,439,568.0	2,496,680.0	2,600,566.0
	GROSS VALUE ADDED	13,743,478.0	14,590,337.0	15,488,664.0	16,373,340.0	16,889,169.0	15,661,150.0	16,166,598.0	17,370,236.0
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	13,743,478.0	14,590,337.0	15,488,664.0	16,373,340.0	16,889,169.0	15,661,150.0	16,166,598.0	17,370,236.0

Source:
ASEAN Secretariat

Table 4.14.2. Thailand GDP by Industry, at Constant Prices (in Chained), 2015-2022

(in million Baht)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	615,884.0	608,753.0	638,106.0	677,010.0	670,375.0	648,003.0	662,592.0	678,605.0
B	Mining and quarrying	244,576.0	246,599.0	231,893.0	225,099.0	228,914.0	208,041.0	197,102.0	167,691.0
C	Manufacturing	2,670,312.0	2,730,588.0	2,809,907.0	2,907,210.0	2,882,594.0	2,728,771.0	2,856,889.0	2,867,788.0
D-E ¹⁾	Electricity and water supply	321,377.0	332,837.0	341,049.0	350,478.0	367,218.0	342,684.0	345,997.0	353,754.0
F	Construction	268,506.0	289,919.0	281,274.0	287,681.0	292,174.0	295,962.0	302,607.0	294,323.0
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1,340,744.0	1,423,314.0	1,514,519.0	1,610,858.0	1,682,047.0	1,628,948.0	1,655,978.0	1,707,196.0
H	Transportation and storage	607,677.0	639,932.0	691,372.0	718,049.0	737,410.0	569,933.0	553,832.0	593,262.0
I	Accommodation and food service activities	496,112.0	542,053.0	600,672.0	648,597.0	697,935.0	440,342.0	374,231.0	521,368.0
J	Information and communication	468,111.0	479,365.0	497,972.0	541,729.0	603,743.0	613,749.0	647,323.0	680,212.0
K	Financial and insurance activities	652,506.0	698,410.0	744,929.0	772,489.0	786,463.0	827,948.0	873,255.0	881,824.0
L-N ¹⁾	Real estate, Renting and Business activities	712,879.7	735,429.5	777,316.0	810,658.8	834,415.7	788,800.6	777,948.5	794,084.0
O-U ¹⁾	Public administration and Other Services activities	1,258,335.0	1,282,249.0	1,309,478.0	1,344,742.0	1,380,473.0	1,374,103.0	1,377,620.0	1,419,979.0
	GROSS VALUE ADDED	9,521,426.0	9,848,502.0	10,259,941.0	10,693,204.0	10,919,319.0	10,256,852.0	10,409,894.0	10,680,306.0
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	9,521,426.0	9,848,502.0	10,259,941.0	10,693,204.0	10,919,319.0	10,256,852.0	10,409,894.0	10,680,306.0

Source:
ASEAN Secretariat

Note:
1) very preliminary figure

Table 4.14.3. Structure GDP by Industry of Thailand, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	8.9	8.5	8.4	8.2	8.1	8.7	8.7	8.8
B	Mining and quarrying	3.1	2.7	2.5	2.5	2.4	2.1	2.2	2.2
C	Manufacturing	27.4	27.1	27.0	26.7	25.6	25.6	27.2	27.0
D-E	Electricity and water supply	2.9	3.0	3.0	3.0	3.1	3.0	2.9	3.3
F	Construction	2.8	2.7	2.5	2.5	2.5	2.7	2.7	2.5
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	14.3	15.0	15.4	15.8	16.2	16.9	16.3	15.5
H	Transportation and storage	5.7	5.9	5.9	5.8	5.8	4.8	4.6	4.6
I	Accommodation and food service activities	4.4	4.8	5.3	5.6	6.1	3.9	3.2	4.5
J	Information and communication	2.4	2.3	2.3	2.4	2.6	2.8	2.8	2.8
K	Financial and insurance activities	7.6	7.7	7.6	7.6	7.5	8.2	8.3	8.3
L-N	Real estate, Renting and Business activities	6.0	5.8	5.8	5.8	5.8	5.8	5.6	5.5
O-U	Public administration and Other Services activities	14.6	14.4	14.2	14.1	14.2	15.6	15.4	15.0
	GROSS VALUE ADDED	100	100	100	100	100	100	100	100
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.14.4. Growth Rate GDP by Industry of Thailand, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	-1.2	4.8	6.1	-1.0	-3.3	2.3	2.5
B	Mining and quarrying	0.8	-6.0	-2.9	1.7	-8.9	-5.4	-14.9
C	Manufacturing	2.3	2.9	3.5	-0.8	-5.5	4.9	0.4
D-E ¹⁾	Electricity and water supply	5.2	4.2	4.1	5.1	-3.7	2.4	2.9
F	Construction	8.0	-3.0	2.3	1.6	1.3	2.2	-2.7
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	6.2	6.4	6.4	4.4	-3.1	1.6	3.1
H	Transportation and storage	5.3	8.0	3.9	2.7	-22.8	-2.7	7.1
I	Accommodation and food service activities	9.3	10.8	8.0	7.6	-37.5	-14.2	39.3
J	Information and communication	2.4	3.9	8.8	11.4	1.0	6.1	5.1
K	Financial and insurance activities	7.0	6.7	3.7	1.8	5.2	5.5	0.9
L-N ¹⁾	Real estate, Renting and Business activities	2.1	5.4	3.9	2.6	-8.5	-2.9	1.6
O-U ¹⁾	Public administration and Other Services activities	4.7	3.2	3.5	3.9	-2.0	0.4	1.5
	GROSS VALUE ADDED	3.4	4.2	4.2	2.1	-6.1	1.5	2.6
	Taxes less Subsidies on products	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GROSS DOMESTIC PRODUCT (GDP)	3.4	4.2	4.2	2.1	-6.1	1.5	2.6

Source:
ASEAN Secretariat

Note:
1) very preliminary figure

Table 4.15.1. Viet Nam GDP by Industry, at Current Prices, 2015-2022

(in billion Dong)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	751,429.9	779,266.8	813,794.3	862,579.6	908,257.2	1,018,049.5	1,065,077.5	1,129,908.1
B	Mining and quarrying	220,782.2	187,960.6	206,361.1	246,235.6	231,037.0	192,839.9	206,521.0	268,076.3
C	Manufacturing	1,088,106.2	1,211,808.8	1,424,129.6	1,637,814.6	1,833,289.9	1,926,408.6	2,087,476.0	2,355,434.3
D-E	Electricity and water supply	187,511.2	212,745.7	245,529.2	277,338.7	320,648.9	354,263.9	377,765.7	426,506.9
F	Construction	282,487.8	311,379.5	351,415.9	399,885.6	451,515.7	482,293.6	506,097.1	589,712.3
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	474,414.3	518,742.7	577,449.8	641,081.1	720,032.2	771,378.6	792,232.2	915,472.6
H	Transportation and storage	255,872.3	285,975.2	307,396.1	346,806.9	387,361.0	386,954.6	377,834.4	442,374.4
I	Accommodation and food service activities	150,435.8	164,539.6	185,010.2	203,010.5	226,488.3	181,550.1	147,109.0	216,155.7
J	Information and communication	203,272.7	221,553.3	238,918.5	258,756.4	281,613.2	291,247.8	306,295.2	334,272.4
K	Financial and insurance activities	232,142.1	251,570.9	276,885.2	305,143.7	338,245.4	357,696.6	400,825.3	452,546.0
L-N	Real estate, Renting and Business activities	440,225.9	475,861.8	510,388.3	541,949.9	583,855.1	584,400.0	578,377.9	641,036.7
O-U	Public administration and Other Services activities	434,012.7	498,492.9	583,942.1	659,028.9	735,554.4	791,832.3	891,616.5	930,592.3
	GROSS VALUE ADDED	4,720,692.9	5,119,897.9	5,721,220.2	6,379,631.5	7,017,898.2	7,338,915.4	7,737,227.7	8,702,088.1
	Taxes less Subsidies on products	470,630.8	519,503.1	572,684.4	629,410.6	689,302.1	705,470.3	742,438.8	811,239.0
	GROSS DOMESTIC PRODUCT (GDP)	5,191,323.7	5,639,401.0	6,293,904.6	7,009,042.1	7,707,200.3	8,044,385.7	8,479,666.5	9,513,327.0

Source:
ASEAN Secretariat

Table 4.15.2. Viet Nam GDP by Industry, at Constant Prices (2010=100), 2015-2022

(in billion Dong)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	489,989.0	498,092.3	513,873.8	535,022.0	549,291.6	565,986.8	584,485.9	604,112.2
B	Mining and quarrying	211,057.3	195,201.5	178,822.0	174,241.0	172,939.0	161,403.9	148,853.6	156,571.7
C	Manufacturing	709,280.7	788,296.1	883,885.2	985,358.5	1,079,902.0	1,133,812.2	1,202,445.6	1,299,865.9
D-E	Electricity and water supply	126,555.7	140,485.9	153,377.5	165,851.2	180,462.0	192,148.6	202,491.7	216,886.8
F	Construction	222,440.8	244,684.9	265,972.5	289,820.1	314,571.4	337,050.0	335,901.3	363,330.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	302,026.2	326,127.9	352,413.9	381,684.6	419,205.8	443,630.1	445,852.6	491,127.7
H	Transportation and storage	192,249.0	211,222.0	227,811.0	248,679.8	273,068.8	275,967.9	267,373.7	299,264.9
I	Accommodation and food service activities	105,731.0	112,383.3	122,385.4	131,241.0	142,999.6	112,769.7	89,979.0	126,523.9
J	Information and communication	195,621.4	212,679.6	227,630.9	245,560.1	266,045.4	283,316.5	297,704.4	320,934.6
K	Financial and insurance activities	169,612.5	182,951.8	197,476.0	213,692.9	232,840.5	250,243.3	274,006.5	298,741.1
L-N	Real estate, Renting and Business activities	313,670.5	331,098.0	349,598.3	371,216.8	393,294.1	389,226.7	385,528.9	423,306.5
O-U	Public administration and Other Services activities	294,727.9	314,642.9	334,208.5	354,551.9	376,500.6	390,997.2	419,363.8	437,620.8
	GROSS VALUE ADDED	3,332,962.2	3,557,866.1	3,807,454.9	4,096,919.8	4,401,120.7	4,536,552.9	4,653,987.1	5,038,286.3
	Taxes less Subsidies on products	363,863.5	386,277.5	410,419.9	435,819.6	465,194.9	469,290.7	480,084.3	507,429.6
	GROSS DOMESTIC PRODUCT (GDP)	3,696,825.7	3,944,143.7	4,217,874.8	4,532,739.4	4,866,315.6	5,005,843.6	5,134,071.4	5,545,715.9

Source:
ASEAN Secretariat

Table 4.15.3. Structure GDP by Industry of Viet Nam, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	14.5	13.8	12.9	12.3	11.8	12.7	12.6	11.9
B	Mining and quarrying	4.3	3.3	3.3	3.5	3.0	2.4	2.4	2.8
C	Manufacturing	21.0	21.5	22.6	23.4	23.8	23.9	24.6	24.8
D-E	Electricity and water supply	3.6	3.8	3.9	4.0	4.2	4.4	4.5	4.5
F	Construction	5.4	5.5	5.6	5.7	5.9	6.0	6.0	6.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	9.1	9.2	9.2	9.1	9.3	9.6	9.3	9.6
H	Transportation and storage	4.9	5.1	4.9	4.9	5.0	4.8	4.5	4.7
I	Accommodation and food service activities	2.9	2.9	2.9	2.9	2.9	2.3	1.7	2.3
J	Information and communication	3.9	3.9	3.8	3.7	3.7	3.6	3.6	3.5
K	Financial and insurance activities	4.5	4.5	4.4	4.4	4.4	4.4	4.7	4.8
L-N	Real estate, Renting and Business activities	8.5	8.4	8.1	7.7	7.6	7.3	6.8	6.7
O-U	Public administration and Other Services activities	8.4	8.8	9.3	9.4	9.5	9.8	10.5	9.8
	GROSS VALUE ADDED	90.9	90.8	90.9	91.0	91.1	91.2	91.2	91.5
	Taxes less Subsidies on products	9.1	9.2	9.1	9.0	8.9	8.8	8.8	8.5
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.15.4. Growth Rate GDP by Industry of Viet Nam, 2016-2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1.7	3.2	4.1	2.7	3.0	3.3	3.4
B	Mining and quarrying	-7.5	-8.4	-2.6	-0.7	-6.7	-7.8	5.2
C	Manufacturing	11.1	12.1	11.5	9.6	5.0	6.1	8.1
D-E	Electricity and water supply	11.0	9.2	8.1	8.8	6.5	5.4	7.1
F	Construction	10.0	8.7	9.0	8.5	7.1	-0.3	8.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	8.0	8.1	8.3	9.8	5.8	0.5	10.2
H	Transportation and storage	9.9	7.9	9.2	9.8	1.1	-3.1	11.9
I	Accommodation and food service activities	6.3	8.9	7.2	9.0	-21.1	-20.2	40.6
J	Information and communication	8.7	7.0	7.9	8.3	6.5	5.1	7.8
K	Financial and insurance activities	7.9	7.9	8.2	9.0	7.5	9.5	9.0
L-N	Real estate, Renting and Business activities	5.6	5.6	6.2	5.9	-1.0	-1.0	9.8
O-U	Public administration and Other Services activities	6.8	6.2	6.1	6.2	3.9	7.3	4.4
	GROSS VALUE ADDED	6.7	7.0	7.6	7.4	3.1	2.6	8.3
	Taxes less Subsidies on products	6.2	6.3	6.2	6.7	0.9	2.3	5.7
	GROSS DOMESTIC PRODUCT (GDP)	6.7	6.9	7.5	7.4	2.9	2.6	8.0

Source:
ASEAN Secretariat

Table 4.16.1. ASEAN GDP by Industry, at Current Prices, 2015-2022

(in billion US\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	266.4	276.6	291.4	296.2	308.1	319.9	349.0	354.3
B	Mining and quarrying	127.5	123.2	138.2	155.0	150.7	121.5	169.2	239.7
C	Manufacturing	540.3	559.9	609.3	660.4	684.9	652.3	727.6	766.5
D-E	Electricity and water supply	54.6	57.6	62.4	67.8	73.5	73.4	77.1	81.6
F	Construction	166.6	179.3	190.5	205.2	223.8	203.6	221.6	233.4
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	355.3	380.8	412.4	448.7	481.4	462.9	502.9	533.1
H	Transportation and storage	129.4	137.5	151.3	159.6	171.9	139.3	158.7	193.4
I	Accommodation and food service activities	72.6	78.7	86.9	95.6	105.1	75.3	72.3	90.4
J	Information and communication	87.8	94.4	102.0	109.6	120.6	128.3	140.2	144.8
K	Financial and insurance activities	156.8	165.7	178.8	194.0	210.0	216.5	233.5	241.8
L-N	Real estate, Renting and Business activities	203.3	212.9	224.2	237.8	250.3	233.9	240.9	250.8
O-U	Public administration and Other Services activities	274.2	289.7	309.4	331.5	357.0	353.9	375.0	374.9
	GROSS VALUE ADDED at basic prices	2,434.9	2,556.3	2,756.8	2,961.3	3,137.3	2,980.7	3,268.0	3,504.7
	Taxes less Subsidies on products	80.7	92.5	101.6	102.5	109.4	99.5	115.7	118.9
	GROSS DOMESTIC PRODUCT (GDP)	2,515.6	2,648.9	2,858.5	3,063.8	3,246.7	3,080.2	3,383.7	3,623.6

Source:
ASEAN Secretariat

Table 4.16.2. ASEAN GDP by Industry, at Constant Prices (2015=100), 2015-2022

(in billion US\$)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	266.4	270.0	280.2	289.5	296.0	297.9	303.8	310.7
B	Mining and quarrying	127.5	127.3	126.6	127.1	128.3	121.5	122.4	125.1
C	Manufacturing	540.3	566.3	602.1	636.8	655.2	640.7	682.1	717.9
D-E	Electricity and water supply	54.6	58.5	61.4	64.9	68.5	68.7	71.7	76.0
F	Construction	166.6	176.8	186.1	199.3	211.4	192.8	199.0	208.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	355.3	372.9	393.9	418.2	441.4	426.5	442.7	473.1
H	Transportation and storage	129.4	137.9	148.2	156.8	164.9	137.8	141.1	163.7
I	Accommodation and food service activities	72.6	77.6	83.4	89.3	94.7	71.0	67.4	83.5
J	Information and communication	87.8	94.9	102.1	110.2	119.9	129.2	138.8	148.7
K	Financial and insurance activities	156.8	166.2	177.2	187.4	199.4	209.2	221.7	228.2
L-N	Real estate, Renting and Business activities	203.3	214.6	226.0	236.8	244.4	226.4	228.1	244.1
O-U	Public administration and Other Services activities	274.2	287.9	301.0	317.6	334.5	327.8	338.6	352.9
	GROSS VALUE ADDED at basic prices	2,434.9	2,548.3	2,683.8	2,827.8	2,951.5	2,847.0	2,954.7	3,128.7
	Taxes less Subsidies on products	80.7	91.8	98.7	99.3	107.0	98.0	103.8	100.9
	GROSS DOMESTIC PRODUCT (GDP)	2,515.6	2,640.0	2,782.5	2,927.1	3,058.5	2,945.0	3,058.4	3,229.6

Source:
ASEAN Secretariat

Table 4.16.3. Structure ASEAN GDP by Industry, 2015-2022

(in percent)

ISIC Code	Industry	2015	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	10.6	10.4	10.2	9.7	9.5	10.4	10.3	9.8
B	Mining and quarrying	5.1	4.7	4.8	5.1	4.6	3.9	5.0	6.6
C	Manufacturing	21.5	21.1	21.3	21.6	21.1	21.2	21.5	21.2
D-E	Electricity and water supply	2.2	2.2	2.2	2.2	2.3	2.4	2.3	2.3
F	Construction	6.6	6.8	6.7	6.7	6.9	6.6	6.5	6.4
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	14.1	14.4	14.4	14.6	14.8	15.0	14.9	14.7
H	Transportation and storage	5.1	5.2	5.3	5.2	5.3	4.5	4.7	5.3
I	Accommodation and food service activities	2.9	3.0	3.0	3.1	3.2	2.4	2.1	2.5
J	Information and communication	3.5	3.6	3.6	3.6	3.7	4.2	4.1	4.0
K	Financial and insurance activities	6.2	6.3	6.3	6.3	6.5	7.0	6.9	6.7
L-N	Real estate, Renting and Business activities	8.1	8.0	7.8	7.8	7.7	7.6	7.1	6.9
O-U	Public administration and Other Services activities	10.9	10.9	10.8	10.8	11.0	11.5	11.1	10.3
	GROSS VALUE ADDED at basic prices	96.8	96.5	96.4	96.7	96.6	96.8	96.6	96.7
	Taxes less Subsidies on products	3.2	3.5	3.6	3.3	3.4	3.2	3.4	3.3
	GROSS DOMESTIC PRODUCT (GDP)	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat

Table 4.16.4. Growth Rate ASEAN GDP by Industry, 2016–2022

(in percent)

ISIC Code	Industry	2016	2017	2018	2019	2020	2021	2022
A	Agriculture, forestry and fishing	1.4	3.8	3.3	2.3	0.6	2.0	2.3
B	Mining and quarrying	-0.2	-0.5	0.4	1.0	-5.3	0.7	2.2
C	Manufacturing	4.8	6.3	5.8	2.9	-2.2	6.5	5.2
D-E	Electricity and water supply	7.1	4.9	5.8	5.5	0.4	4.3	6.0
F	Construction	6.1	5.3	7.1	6.0	-8.8	3.2	4.6
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	5.0	5.6	6.2	5.6	-3.4	3.8	6.9
H	Transportation and storage	6.6	7.4	5.8	5.1	-16.4	2.3	16.0
I	Accommodation and food service activities	7.0	7.5	7.1	6.1	-25.0	-5.1	23.8
J	Information and communication	8.1	7.6	7.9	8.8	7.7	7.4	7.1
K	Financial and insurance activities	6.0	6.7	5.7	6.4	4.9	6.0	2.9
L-N	Real estate, Renting and Business activities	5.6	5.3	4.8	3.2	-7.3	0.7	7.0
O-U	Public administration and Other Services activities	5.0	4.5	5.5	5.3	-2.0	3.3	4.2
	GROSS VALUE ADDED at basic prices	4.7	5.3	5.4	4.4	-3.5	3.8	5.9
	Taxes less Subsidies on products	13.7	7.6	0.6	7.7	-8.4	5.9	-2.8
	GROSS DOMESTIC PRODUCT (GDP)	4.9	5.4	5.2	4.5	-3.7	3.8	5.6

Source:
ASEAN Secretariat

Table 4.17. Inflation Rates in ASEAN, Year-on-Year End of Period, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	0.2	-0.2	-1.0	-1.6	-0.1	0.1	0.3	2.0	2.2	3.3
Cambodia	4.6	2.4	1.2	3.0	2.9	1.6	3.1	2.9	3.7	2.9
Indonesia	8.4	2.7	3.4	3.0	3.6	3.1	2.7	1.7	1.9	5.5
Lao PDR	6.6	2.4	0.9	2.5	0.1	1.5	6.3	3.2	5.3	39.3
Malaysia	3.2	2.7	2.7	1.8	3.4	1.0	0.7	-1.2	2.5	3.3
Myanmar	4.4	-0.1	10.3	6.6	4.0	6.8	9.5	0.8	12.6	35.3
Philippines	4.1	2.7	1.5	2.6	3.3	5.2	2.4	3.3	3.1	8.1
Singapore	1.5	-0.1	-0.6	0.2	0.3	0.5	0.8	0.0	4.0	6.5
Thailand	1.7	0.6	-0.9	1.1	0.8	0.4	0.9	-0.3	2.2	5.9
Viet Nam	6.0	1.8	0.6	4.7	2.8	3.0	5.2	0.2	1.8	3.2

Source:
ASEAN Member States, IMF

Table 4.18. Inflation Rates in ASEAN, Year-on-Year Average of Period, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	0.4	-0.2	-0.4	-0.7	-0.2	0.1	-0.4	1.9	1.7	3.7
Cambodia	2.9	3.9	1.3	3.0	2.9	2.5	1.9	2.9	2.9	5.3
Indonesia	7.0	8.4	6.4	3.5	3.8	3.2	3.0	0.5	1.6	4.2
Lao PDR	6.4	4.2	1.3	1.6	0.8	2.0	3.3	5.1	3.8	23.0
Malaysia	2.1	4.2	2.1	2.1	3.7	1.0	0.7	-1.2	2.5	3.3
Myanmar	5.7	5.5	10.8	7.0	4.6	6.9	8.8	3.9	6.2	24.1
Philippines	2.9	4.2	1.4	1.8	2.9	2.9	2.4	2.4	3.9	5.8
Singapore	2.4	1.0	-0.5	-0.5	0.6	0.4	0.6	-0.2	2.3	6.1
Thailand	2.2	1.9	-0.9	0.2	0.7	1.1	0.7	-0.8	1.2	6.1
Viet Nam	6.6	4.1	0.6	2.7	3.5	3.5	2.8	3.2	1.8	3.2

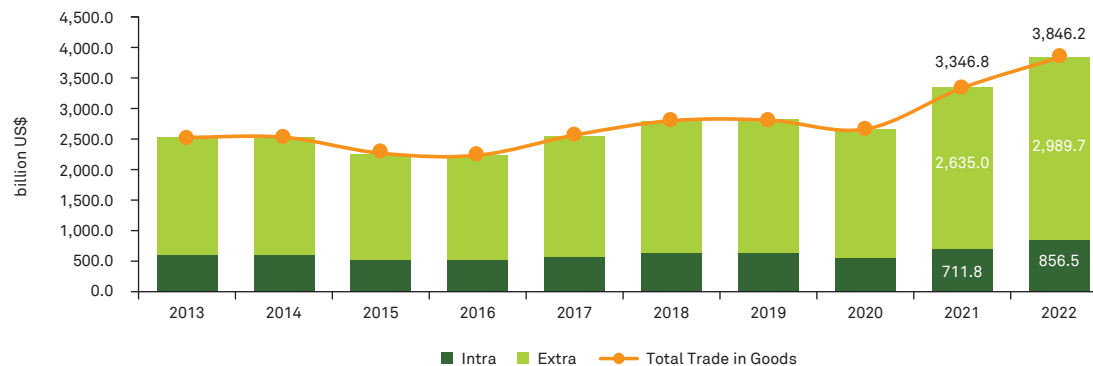
Source:
ASEAN Member States, IMF

Chapter 5

TRADE IN GOODS

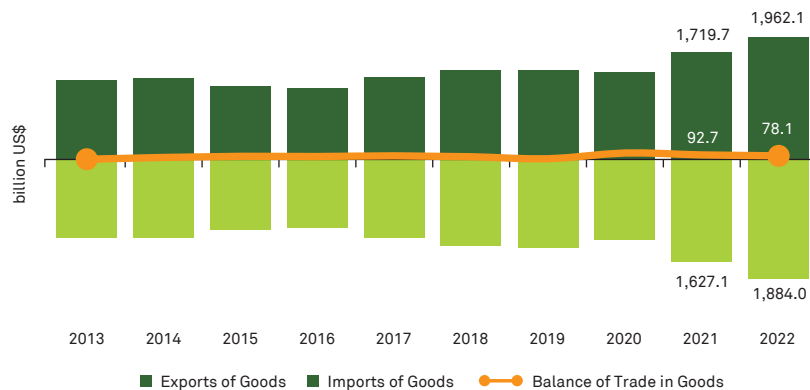


Chart 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2013-2022



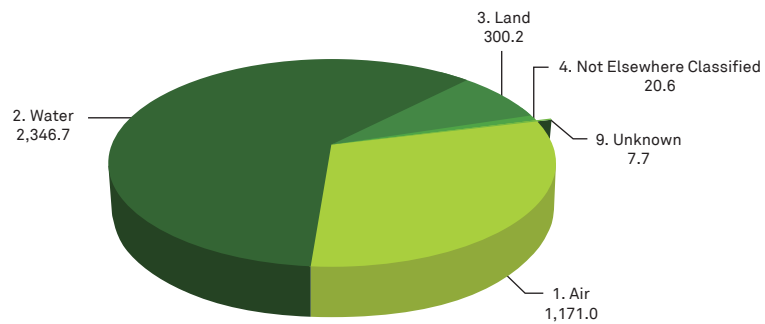
Source:
ASEAN Secretariat

Chart 5.2. ASEAN Exports and Imports of Goods, and ASEAN Balance of Trade in Goods, 2013-2022



Source:
ASEAN Secretariat

Chart 5.3. ASEAN Trade in Goods by Country and Mode of Transport (MoT), 2022
in million US\$



Source:
ASEAN Secretariat

Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Trade in Goods										
Brunei Darussalam	15,057.4	14,180.7	9,592.2	8,694.3	8,676.3	10,728.8	12,141.8	11,950.9	18,686.0	23,340.4
Cambodia	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	50,748.2
Indonesia	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	529,351.4
Lao PDR	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	17,179.8
Malaysia	434,019.5	442,777.8	375,168.8	358,089.1	412,471.5	466,642.8	443,013.8	425,340.7	537,501.6	654,862.3
Myanmar	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	34,486.8
Philippines	119,108.9	130,806.1	128,834.5	142,248.0	170,614.7	188,310.3	188,301.3	160,375.8	208,625.5	224,109.9
Singapore	807,988.7	793,292.6	666,003.8	629,992.6	700,945.8	782,656.9	749,953.0	704,420.8	862,846.2	990,117.4
Thailand	478,247.3	455,525.9	417,147.4	409,994.2	459,457.6	432,977.9	483,249.1	438,852.6	540,318.2	592,288.1
Viet Nam	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	729,698.0
TOTAL	2,533,069.2	2,535,208.4	2,272,861.8	2,239,897.4	2,571,300.2	2,808,105.7	2,816,432.0	2,669,851.4	3,346,810.8	3,846,182.4
Intra-ASEAN Trade in Goods										
Brunei Darussalam	4,488.0	3,860.6	2,644.9	2,783.1	3,126.4	3,193.5	4,124.3	4,667.6	6,276.3	9,039.7
Cambodia	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	14,237.8
Indonesia	94,661.0	90,571.2	72,485.0	68,647.6	78,629.4	87,927.1	81,352.4	66,300.6	88,032.3	111,575.3
Lao PDR	3,963.0	4,877.0	4,356.9	6,038.3	6,190.7	5,596.6	7,027.6	5,929.5	7,700.6	10,307.2
Malaysia	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	177,692.0
Myanmar	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	13,996.8
Philippines	22,786.2	25,616.1	25,578.8	30,895.5	36,735.1	41,147.8	41,434.8	35,333.5	49,066.0	55,769.9
Singapore	216,127.5	205,968.8	172,677.5	162,108.1	179,035.9	200,429.2	190,476.4	174,161.3	214,011.6	253,969.7
Thailand	103,668.6	102,725.3	96,236.8	94,258.6	104,436.9	102,222.2	111,742.8	97,725.3	113,870.0	128,771.4
Viet Nam	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	81,105.8
TOTAL	617,751.6	608,113.8	535,380.4	517,954.4	589,116.7	644,654.1	632,604.3	567,105.8	711,839.5	856,465.5

Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2013-2022 (Continued)

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra-ASEAN Trade in Goods										
Brunei Darussalam	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	14,300.7
Cambodia	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	36,510.4
Indonesia	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	417,776.1
Lao PDR	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	6,872.5
Malaysia	315,050.6	323,812.9	272,321.0	260,939.3	299,229.8	339,818.5	324,918.6	318,521.7	398,410.6	477,170.4
Myanmar	13,064.0	15,802.6	16,981.1	18,111.9	21,619.4	23,178.5	24,205.0	23,428.6	16,692.8	20,490.1
Philippines	96,322.7	105,190.0	103,255.7	111,352.5	133,879.7	147,162.5	146,866.5	125,042.3	159,559.5	168,340.0
Singapore	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	736,147.7
Thailand	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	463,516.7
Viet Nam	225,242.1	252,979.4	285,852.6	309,879.4	374,996.0	424,120.1	461,021.6	489,171.0	596,651.5	648,592.2
TOTAL	1,915,317.6	1,927,094.6	1,737,481.4	1,721,943.0	1,982,183.5	2,163,451.6	2,183,827.8	2,102,745.5	2,634,971.3	2,989,716.9

Source:
ASEAN Secretariat

Table 5.2. ASEAN Exports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	14,007.3
Cambodia	6,665.9	6,748.7	8,557.7	10,073.0	11,278.1	12,700.3	14,844.8	17,412.1	16,949.6	20,750.5
Indonesia	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	291,904.3
Lao PDR	2,987.8	2,572.2	2,985.1	4,531.8	4,909.7	5,400.3	5,809.4	5,086.9	7,699.6	9,563.9
Malaysia	228,223.4	233,927.3	199,157.9	189,659.2	217,722.0	248,671.7	238,089.0	234,609.5	299,333.8	356,901.0
Myanmar	11,232.9	11,030.6	11,432.3	11,836.6	13,878.0	16,703.6	17,997.1	16,949.8	14,156.9	17,083.5
Philippines	53,978.3	62,101.6	58,648.4	56,312.9	68,712.9	69,307.4	70,927.0	65,214.5	74,617.6	78,977.5
Singapore	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	514,873.7
Thailand	228,730.2	227,573.6	214,396.2	215,326.6	236,694.2	241,010.5	246,140.7	231,408.2	271,314.6	287,165.3
Viet Nam	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	370,909.2
TOTAL	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	1,719,735.8	1,962,136.2

Source:
ASEAN Secretariat

Table 5.3. ASEAN Imports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	9,333.2
Cambodia	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	29,997.8
Indonesia	186,628.7	178,178.8	142,694.8	135,652.8	156,985.6	188,711.4	171,275.7	141,568.8	196,190.0	237,447.1
Lao PDR	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	7,615.9
Malaysia	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	297,961.3
Myanmar	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	17,403.4
Philippines	65,130.6	68,704.5	70,186.1	85,935.1	101,901.8	119,002.9	117,374.3	95,161.3	134,007.9	145,132.4
Singapore	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	475,243.7
Thailand	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	305,122.8
Viet Nam	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	358,788.8
TOTAL	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	1,884,046.2

Source:
ASEAN Secretariat

Table 5.4. Extra-ASEAN Exports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	8,346.0
Cambodia	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	19,296.9
Indonesia	141,921.8	136,311.9	116,710.0	111,355.9	129,561.8	138,099.4	126,218.5	126,771.6	183,587.9	230,578.6
Lao PDR	1,642.2	1,181.4	1,407.1	1,807.0	1,781.4	3,624.5	2,296.6	2,158.1	3,347.0	3,738.1
Malaysia	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	252,648.9
Myanmar	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	12,239.8
Philippines	45,363.4	52,889.9	50,111.5	47,912.3	58,585.1	58,126.4	60,111.3	54,970.7	62,465.1	65,520.5
Singapore	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	367,688.4
Thailand	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	215,235.1
Viet Nam	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	337,009.4
TOTAL	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	1,347,755.6	1,512,301.7

Source:
ASEAN Secretariat

Table 5.5. Intra-ASEAN Exports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	5,661.3
Cambodia	526.7	362.2	689.5	870.2	1,122.6	954.7	1,360.2	3,772.6	1,202.8	1,453.6
Indonesia	40,630.0	39,668.1	33,572.3	33,830.3	39,266.4	41,913.2	41,464.5	36,420.2	48,021.6	61,325.7
Lao PDR	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	5,825.8
Malaysia	63,947.5	65,238.6	56,169.1	55,745.3	63,231.8	71,132.6	68,557.1	65,075.6	82,858.1	104,252.1
Myanmar	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	4,843.7
Philippines	8,614.9	9,211.7	8,536.9	8,400.6	10,127.8	11,181.1	10,815.7	10,243.8	12,152.5	13,457.1
Singapore	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	147,185.3
Thailand	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	71,930.2
Viet Nam	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	33,899.7
TOTAL	338,613.3	330,209.4	287,106.4	277,896.3	311,825.3	344,506.5	332,311.9	298,110.9	371,980.2	449,834.5

Source:
ASEAN Secretariat

Table 5.6. Extra-ASEAN Imports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	5,954.8
Cambodia	5,393.3	6,743.6	7,120.0	7,757.3	8,759.6	10,459.2	12,145.7	11,641.2	14,566.0	17,213.6
Indonesia	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	187,197.5
Lao PDR	934.9	966.2	999.5	1,170.1	2,097.3	2,027.3	2,282.5	2,012.9	2,537.2	3,134.4
Malaysia	150,774.7	155,124.2	129,332.2	127,025.4	144,739.6	162,279.4	155,386.7	148,987.8	181,935.0	224,521.5
Myanmar	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	8,250.3
Philippines	50,959.3	52,300.0	53,144.2	63,440.2	75,294.5	89,036.1	86,755.2	70,071.7	97,094.5	102,819.5
Singapore	309,870.5	302,144.7	243,223.4	229,176.2	246,746.4	292,157.9	280,813.3	249,432.0	313,307.0	368,459.3
Thailand	205,169.0	184,652.8	161,679.3	155,065.9	177,990.4	154,707.4	188,250.7	165,223.0	220,218.1	248,281.6
Viet Nam	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	311,582.8
TOTAL	975,514.3	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	1,477,415.2

Source:
ASEAN Secretariat

Table 5.7. Intra-ASEAN Imports of Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	1,843.7	1,767.6	1,405.4	1,290.4	1,331.5	1,346.2	1,637.5	2,013.1	2,569.0	3,378.4
Cambodia	2,818.2	2,915.8	4,677.3	4,613.6	5,524.9	7,030.8	7,589.7	7,326.8	10,924.5	12,784.2
Indonesia	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	50,249.6
Lao PDR	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	4,481.5
Malaysia	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	73,439.8
Myanmar	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	9,153.1
Philippines	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	42,312.8
Singapore	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	106,784.4
Thailand	44,348.1	43,299.5	41,071.8	39,601.6	44,773.0	37,260.0	48,857.7	42,221.4	48,785.5	56,841.2
Viet Nam	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	47,206.1
TOTAL	279,138.3	277,904.3	248,274.0	240,058.1	277,291.4	300,147.5	300,292.4	268,995.0	339,859.3	406,631.0

Source:
ASEAN Secretariat

Table 5.8. ASEAN Balance of Trade¹⁾ in Goods by Country, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	4,674.1
Cambodia	-1,545.7	-2,910.8	-3,239.7	-2,297.8	-3,006.4	-4,789.7	-4,890.6	-1,556.0	-8,540.9	-9,247.3
Indonesia	-4,076.9	-2,198.8	7,587.5	9,533.4	11,842.6	-8,698.7	-3,592.7	21,623.0	35,419.5	54,457.2
Lao PDR	-564.5	-1,880.2	-793.3	48.3	-250.0	-447.7	11.9	73.3	1,814.4	1,948.0
Malaysia	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	58,939.7
Myanmar	-809.7	-5,195.4	-5,411.3	-3,869.3	-5,375.5	-2,651.4	-580.7	-1,018.9	-150.1	-319.9
Philippines	-11,152.4	-6,602.9	-11,537.7	-29,622.2	-33,188.9	-49,695.5	-46,447.3	-29,946.8	-59,390.4	-66,154.8
Singapore	31,884.8	37,463.0	49,808.0	46,173.8	65,559.0	41,289.7	31,426.7	45,228.8	50,764.2	39,630.0
Thailand	-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	-17,957.5
Viet Nam	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	12,120.3
TOTAL	23,764.0	52,766.6	70,605.3	67,320.0	78,290.2	63,994.2	31,228.4	123,642.2	92,660.8	78,090.0

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, 2013-2022

(in million US\$)

Trading Partner	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
ASEAN	617,751.6	608,113.8	535,380.4	517,954.4	589,116.7	644,654.1	632,604.3	567,105.8	711,839.5	856,465.5
Trading Partner	1,915,317.6	1,927,094.6	1,737,481.4	1,721,943.0	1,982,183.5	2,163,451.6	2,183,827.8	2,102,745.5	2,634,971.3	2,989,716.9
Australia	69,053.1	73,395.2	57,492.6	52,878.8	59,108.1	65,633.2	63,090.9	54,876.8	82,162.8	101,098.1
Canada	13,529.3	13,331.2	12,655.2	12,633.6	13,796.7	15,544.7	17,141.9	16,279.5	18,971.1	23,120.3
China	351,583.4	366,711.2	363,496.8	368,567.3	440,973.3	478,535.0	507,963.2	518,617.7	670,255.1	722,103.1
EU-27	214,703.2	218,259.7	201,504.4	205,371.9	230,369.9	252,190.0	245,073.6	226,783.0	269,455.8	295,161.9
India	68,269.4	67,993.1	60,165.7	58,592.2	73,668.7	80,427.7	77,097.8	65,711.1	91,618.2	113,084.2
Japan	240,430.9	229,094.7	202,800.1	202,417.6	218,805.8	230,112.8	226,029.2	204,981.3	241,338.7	268,585.7
Korea, Republic of	134,864.2	131,438.3	120,566.7	124,466.9	154,849.5	160,727.7	156,506.5	154,966.7	189,793.5	222,768.1
New Zealand	9,789.0	10,706.0	8,753.0	7,899.6	9,504.6	10,231.8	10,341.3	9,044.7	11,149.5	14,899.4
Russia	19,984.1	22,571.1	13,969.0	11,956.8	16,748.0	19,922.0	18,198.0	14,096.5	18,167.8	15,369.2
United Kingdom	31,831.4	29,919.4	29,150.7	28,207.2	30,389.7	34,678.9	35,744.9	31,805.4	31,660.5	34,321.4
USA	205,313.1	211,507.9	210,582.4	211,810.0	233,833.8	262,126.2	294,793.3	309,088.8	365,599.6	420,444.6
Rest of The World	555,966.6	552,166.6	456,344.9	437,141.2	500,135.5	553,321.8	531,847.1	496,494.0	644,798.5	758,760.9
TOTAL	2,533,069.2	2,535,208.4	2,272,861.8	2,239,897.4	2,571,300.2	2,808,105.7	2,816,432.0	2,669,851.4	3,346,810.8	3,846,182.4

Source:
ASEAN Secretariat

Table 5.10. ASEAN Exports and Imports of Goods by Trading Partners, 2013-2022

(in million US\$)

Trading Partner	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
EXPORT OF GOODS										
ASEAN	338,613.3	330,209.4	287,106.4	277,896.3	311,825.3	344,506.5	332,311.9	298,110.9	371,980.2	449,834.5
Trading Partner	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	1,347,755.6	1,512,301.7
Australia	45,296.5	45,223.0	35,790.9	33,083.4	34,603.9	39,209.4	35,441.1	31,252.1	43,029.7	51,989.0
Canada	7,240.1	7,464.7	7,182.4	7,395.5	7,822.5	8,728.2	9,960.4	9,990.2	11,904.4	13,704.4
China	153,378.5	154,012.6	145,291.4	143,965.3	187,027.6	197,679.5	202,550.0	218,890.0	281,813.2	290,766.5
EU-27	108,436.8	115,846.3	110,472.2	113,482.4	138,485.5	141,190.0	134,511.9	130,298.2	152,890.7	176,377.9
India	42,326.3	43,694.2	40,553.4	37,762.6	45,393.9	50,613.6	48,299.7	39,398.5	53,876.1	70,619.0
Japan	122,553.7	120,158.4	101,941.2	96,554.8	105,945.6	114,767.3	109,910.5	102,740.6	114,819.9	133,310.9
Korea, Republic of	52,842.0	51,625.4	45,420.8	45,917.6	56,731.9	60,485.7	59,379.9	58,579.5	68,867.8	80,883.2
New Zealand	5,683.7	6,376.4	5,225.7	4,547.0	5,461.3	6,093.5	6,000.9	5,041.4	6,737.7	9,280.1
Russia	5,247.7	5,414.4	4,268.9	4,782.1	5,865.6	5,959.4	6,103.1	5,988.3	7,347.5	4,344.1
United Kingdom	16,108.7	16,660.1	16,914.8	16,950.9	19,181.3	19,588.6	19,596.0	17,709.3	18,171.4	19,421.8
USA	113,786.0	121,213.2	125,442.9	131,076.3	142,481.0	160,261.2	183,794.3	211,589.2	256,299.6	290,964.5
Rest of The World	266,903.3	276,089.3	246,122.5	240,194.5	263,969.9	286,967.1	275,970.6	267,158.8	331,997.7	370,640.3
TOTAL	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	1,719,735.8	1,962,136.2
IMPORT OF GOODS										
ASEAN	279,138.3	277,904.3	248,274.0	240,058.1	277,291.4	300,147.5	300,292.4	268,995.0	339,859.3	406,631.0
Trading Partner	975,514.3	983,316.6	852,854.3	846,230.7	989,213.6	1,071,908.2	1,092,309.4	1,004,109.6	1,287,215.7	1,477,415.2
Australia	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	49,109.1
Canada	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	9,415.9
China	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	431,336.6
EU-27	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	118,784.0
India	25,943.1	24,298.9	19,612.3	20,829.6	28,274.8	29,814.1	28,798.1	26,312.6	37,742.1	42,465.2
Japan	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	135,274.8
Korea, Republic of	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	141,884.9
New Zealand	4,105.3	4,329.6	3,527.3	3,352.6	4,043.4	4,138.3	4,340.3	4,003.4	4,411.8	5,619.3
Russia	14,736.4	17,156.7	9,700.1	7,174.7	10,882.4	13,962.5	12,094.9	8,108.2	10,820.4	11,025.2
United Kingdom	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	14,899.6
USA	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	129,480.1
Rest of The World	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	388,120.6
TOTAL	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	1,884,046.2

Source:
ASEAN Secretariat

Table 5.11. ASEAN Balance of Trade in Goods by Trading Partners, 2013-2022

(in million US\$)

Trading Partner	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
ASEAN	59,475.1	52,305.1	38,832.4	37,838.3	34,533.8	44,359.0	32,019.5	29,115.9	32,120.8	43,203.5
Trading Partner	-35,711.1	461.5	31,772.9	29,481.7	43,756.4	19,635.2	-791.1	94,526.3	60,539.9	34,886.5
Australia	21,539.9	17,050.7	14,089.2	13,288.0	10,099.7	12,785.7	7,791.3	7,627.4	3,896.6	2,879.9
Canada	951.0	1,598.2	1,709.7	2,157.3	1,848.3	1,911.6	2,778.9	3,700.8	4,837.6	4,288.4
China	-44,826.4	-58,686.0	-72,914.0	-80,636.6	-66,918.1	-83,176.0	-102,863.3	-80,837.8	-106,628.6	-140,570.0
EU-27	2,170.5	13,432.8	19,440.0	21,592.9	46,601.0	30,190.0	23,950.1	33,813.3	36,325.5	57,593.9
India	16,383.1	19,395.4	20,941.2	16,933.0	17,119.0	20,799.5	19,501.6	13,085.9	16,134.0	28,153.8
Japan	4,676.4	11,222.1	1,082.3	-9,308.0	-6,914.5	-578.3	-6,208.2	499.9	-11,698.9	-1,963.9
Korea, Republic of	-29,180.2	-28,187.5	-29,725.0	-32,631.7	-41,385.6	-39,756.3	-37,746.6	-37,807.7	-52,057.8	-61,001.7
New Zealand	1,578.4	2,046.9	1,698.4	1,194.4	1,417.9	1,955.2	1,660.6	1,038.0	2,325.8	3,660.9
Russia	-9,488.6	-11,742.3	-5,431.2	-2,392.5	-5,016.8	-8,003.1	-5,991.9	-2,119.8	-3,472.9	-6,681.1
United Kingdom	385.9	3,400.8	4,678.9	5,694.5	7,972.9	4,498.3	3,447.0	3,613.2	4,682.3	4,522.2
USA	22,258.9	30,918.5	40,303.3	50,342.6	51,128.2	58,396.3	72,795.2	114,089.5	146,999.5	161,484.4
Rest of The World	-22,160.0	11.9	35,900.2	43,247.9	27,804.2	20,612.4	20,094.1	37,823.6	19,196.8	-17,480.2
TOTAL	23,764.0	52,766.6	70,605.3	67,320.0	78,290.2	63,994.2	31,228.4	123,642.2	92,660.8	78,090.0

Source:
ASEAN Secretariat

Table 5.12. ASEAN Top Ten Destinations of Exports of Goods, 2021-2022

2021		
Country/Region	Value (million US\$)	Share (%)
ASEAN	371,980.2	21.7
China (People's Republic of)	281,813.2	16.4
United States	256,299.6	14.9
EU-27	152,890.7	8.9
Japan	114,819.9	6.6
Hong Kong	114,633.6	6.6
Korea, Republic of	68,867.8	4.0
India	53,876.1	3.1
Taiwan	52,055.8	3.0
Australia	43,029.7	2.5
Top Ten Country/Region	1,510,266.6	87.8
Others	209,469.2	12.2
TOTAL	1,719,735.8	100

2022		
Country/Region	Value (million US\$)	Share (%)
ASEAN	449,834.5	22.9
United States	290,964.5	14.8
China (People's Republic of)	290,766.5	14.8
EU-27	176,377.9	9.0
Japan	133,310.9	6.8
Hong Kong	114,689.7	5.8
Korea, Republic of	80,883.2	4.1
India	70,619.0	3.6
Taiwan	58,836.4	3.0
Australia	51,989.0	2.6
Top Ten Country/Region	1,718,271.5	87.6
Others	243,864.6	12.4
TOTAL	1,962,136.1	100

Source:
ASEAN Secretariat

Table 5.13. ASEAN Top Ten Origins of Imports of Goods, 2021-2022

2021		
Country/Region	Value (million US\$)	Share (%)
ASEAN	339,859.3	23.9
China (People's Republic of)	388,441.9	20.9
Japan	126,518.8	7.8
EU-27	116,565.2	7.4
Korea, Republic of	120,925.7	7.2
Taiwan	112,403.0	6.9
United States	109,300.1	6.7
Australia	39,133.1	2.4
India	37,742.1	2.3
United Arab Emirates	29,376.0	2.0
Top Ten Country/Region	1,420,265.2	87.5
Others	206,809.9	12.5
TOTAL	1,627,075.0	100

2022		
Country/Region	Value (million US\$)	Share (%)
ASEAN	406,631.0	21.6
China (People's Republic of)	431,336.6	22.9
Korea, Republic of	141,884.9	7.5
Japan	135,274.8	7.2
United States	129,480.1	6.9
Taiwan	129,146.5	6.9
EU-27	118,784.0	6.3
Australia	49,109.1	2.6
United Arab Emirates	45,135.7	2.4
India	42,465.2	2.3
Top Ten Country/Region	1,629,247.9	86.5
Others	254,798.3	13.5
TOTAL	1,884,046.2	100.0

Source:
ASEAN Secretariat

Table 5.14. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2021-2022

2021			
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	493,058.2	28.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	180,047.0	10.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	155,555.4	9.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	56,261.4	3.3
39	Plastics and articles thereof	53,840.5	3.1
40	Rubber and articles thereof	53,640.1	3.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	52,510.8	3.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	47,162.1	2.7
72	Iron and steel	44,081.7	2.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	42,129.7	2.4
Top Ten Commodities		1,178,286.9	68.5
Others		541,448.9	31.5
Total		1,719,735.8	100

2022			
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	557,575.7	28.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	231,747.6	11.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	191,157.8	9.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	64,664.9	3.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	55,920.5	2.8
39	Plastics and articles thereof	53,733.0	2.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	50,722.8	2.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	50,231.3	2.6
72	Iron and steel	48,123.4	2.5
40	Rubber and articles thereof	43,681.6	2.2
Top Ten Commodities		1,347,558.6	68.7
Others		614,577.5	31.3
Total		1,962,136.1	100

Source:
ASEAN Secretariat

Table 5.15. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2021-2022

2021			
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	438,723.4	27.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	218,145.2	13.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	177,712.4	10.9
39	Plastics and articles thereof	65,618.3	4.0
72	Iron and steel	58,558.1	3.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	48,920.2	3.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	45,897.2	2.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	41,981.8	2.6
29	Organic chemicals	34,188.3	2.1
38	Chemical products n.e.c.	27,382.3	1.7
	Top Ten Commodities	1,157,127.1	71.1
	Others	469,947.9	28.9
	Total	1,627,075.0	100

2022			
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	483,371.1	25.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	337,503.1	17.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	193,447.7	10.3
39	Plastics and articles thereof	68,285.4	3.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	59,753.2	3.2
72	Iron and steel	59,522.0	3.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	53,444.4	2.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	43,264.0	2.3
29	Organic chemicals	37,188.3	2.0
38	Chemical products n.e.c.	30,632.6	1.6
	Top Ten Commodities	1,366,411.9	72.5
	Others	517,634.3	27.5
	Total	1,884,046.2	100

Source:
ASEAN Secretariat

Table 5.16. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2021-2022

2021			
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	94,982.9	25.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	65,349.7	17.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	36,095.6	9.7
39	Plastics and articles thereof	16,093.8	4.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,819.6	4.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	15,602.0	4.2
72	Iron and steel	8,422.6	2.3
29	Organic chemicals	7,725.4	2.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,635.7	2.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,390.0	2.0
Top Ten Commodities		275,117.3	74.0
Others		96,862.9	26.0
Total		371,980.2	100

2022			
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	111,955.4	24.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	98,492.3	21.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,258.8	8.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	19,370.2	4.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	18,763.5	4.2
39	Plastics and articles thereof	16,448.2	3.7
72	Iron and steel	10,285.2	2.3
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,921.6	2.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,298.6	1.8
29	Organic chemicals	7,500.2	1.7
Top Ten Commodities		339,294.2	75.4
Others		110,540.3	24.6
Total		449,834.5	100

Source:
ASEAN Secretariat

Table 5.17. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2021-2022

2021			
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	78,536.9	23.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	70,772.2	20.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,515.5	8.7
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	15,845.1	4.7
39	Plastics and articles thereof	13,991.7	4.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	10,933.7	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,099.8	2.4
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	7,488.6	2.2
72	Iron and steel	7,014.2	2.1
Top Ten Commodities		249,935.3	73.5
Others		89,924.0	26.5
Total		339,859.3	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	106,938.1	26.3
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	91,007.8	22.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,882.0	7.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	18,824.1	4.6
39	Plastics and articles thereof	14,196.3	3.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	11,662.9	2.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,947.2	2.2
72	Iron and steel	8,710.8	2.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,977.2	2.0
29	Organic chemicals	7,212.1	1.8
Top Ten Commodities		305,358.4	75.1
Others		101,272.6	24.9
Total		406,631.0	100

Source:
ASEAN Secretariat

Table 5.18. Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2021-2022

2021				2022			
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	12,144.8	28.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	17,615.7	33.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,146.3	14.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,149.8	11.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,392.1	10.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,653.8	9.0
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	3,539.9	8.2	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	4,369.8	8.4
39	Plastics and articles thereof	1,479.9	3.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,874.8	3.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,438.6	3.3	39	Plastics and articles thereof	1,548.3	3.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	878.6	2.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,035.7	2.0
40	Rubber and articles thereof	865.8	2.0	21	Miscellaneous edible preparations	743.9	1.4
73	Iron or steel articles	782.4	1.8	64	Footwear; gaiters and the like; parts of such articles	725.4	1.4
21	Miscellaneous edible preparations	709.0	1.6	73	Iron or steel articles	716.1	1.4
	Top Ten Commodities	32,377.5	75.2		Top Ten Commodities	39,433.3	75.8
	Others	10,652.3	24.8		Others	12,555.7	24.2
	Total	43,029.7	100		Total	51,989.0	100

Source:
ASEAN Secretariat

Table 5.19. Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,954.4	33.1
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	3,666.8	9.4
26	Ores, slag and ash	3,391.7	8.7
74	Copper and articles thereof	1,398.8	3.6
02	Meat and edible meat offal	1,249.9	3.2
52	Cotton	980.8	2.5
01	Animals; live	976.3	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	801.8	2.0
	Top Ten Commodities	30,671.4	78.4
	Others	8,461.7	21.6
	Total	39,133.1	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	20,254.2	41.2
10	Cereals	5,163.1	10.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	4,174.0	8.5
26	Ores, slag and ash	3,273.4	6.7
52	Cotton	2,082.4	4.2
02	Meat and edible meat offal	1,431.3	2.9
74	Copper and articles thereof	1,324.9	2.7
76	Aluminium and articles thereof	1,029.9	2.1
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	893.7	1.8
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	781.6	1.6
	Top Ten Commodities	40,408.4	82.3
	Others	8,700.7	17.7
	Total	49,109.1	100

Source:
ASEAN Secretariat

Table 5.20. Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2021-2022

2021			
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	2,708.6	22.8
61	Apparel and clothing accessories; knitted or crocheted	1,244.0	10.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,033.2	8.7
40	Rubber and articles thereof	1,023.2	8.6
62	Apparel and clothing accessories; not knitted or crocheted	676.8	5.7
64	Footwear; gaiters and the like; parts of such articles	561.5	4.7
72	Iron and steel	427.3	3.6
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	420.4	3.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	322.0	2.7
03	Fish and crustaceans, molluscs and other aquatic invertebrates	264.2	2.2
	Top Ten Commodities	8,681.3	72.9
	Others	3,223.1	27.1
	Total	11,904.4	100

2022			
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	3,258.2	23.8
61	Apparel and clothing accessories; knitted or crocheted	1,636.9	11.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,103.1	8.0
62	Apparel and clothing accessories; not knitted or crocheted	972.6	7.1
64	Footwear; gaiters and the like; parts of such articles	888.6	6.5
40	Rubber and articles thereof	596.5	4.4
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	465.1	3.4
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	395.3	2.9
03	Fish and crustaceans, molluscs and other aquatic invertebrates	367.4	2.7
72	Iron and steel	344.4	2.5
	Top Ten Commodities	10,028.1	73.2
	Others	3,676.3	26.8
	Total	13,704.4	100

Source:
ASEAN Secretariat

Table 5.21. Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,099.5	15.6
31	Fertilizers	1,061.3	15.0
10	Cereals	799.3	11.3
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	466.0	6.6
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	460.3	6.5
02	Meat and edible meat offal	366.2	5.2
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	292.3	4.1
44	Wood and articles of wood; wood charcoal	287.6	4.1
39	Plastics and articles thereof	199.0	2.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	186.7	2.6
Top Ten Commodities		5,218.1	73.8
Others		1,848.6	26.2
Total		7,066.8	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
31	Fertilizers	2,276.5	24.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,277.5	13.6
10	Cereals	974.1	10.3
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	630.4	6.7
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	523.6	5.6
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	435.1	4.6
02	Meat and edible meat offal	354.8	3.8
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	346.0	3.7
44	Wood and articles of wood; wood charcoal	225.4	2.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	212.7	2.3
Top Ten Commodities		7,255.9	77.1
Others		2,160.0	22.9
Total		9,416.0	100

Source:
ASEAN Secretariat

Table 5.22. Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2021-2022

2021			
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	79,481.6	28.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	30,382.3	10.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,875.9	7.4
72	Iron and steel	18,215.2	6.5
39	Plastics and articles thereof	13,104.7	4.7
40	Rubber and articles thereof	10,179.2	3.6
29	Organic chemicals	9,389.2	3.3
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,946.9	3.2
08	Fruit and nuts, edible; peel of citrus fruit or melons	8,782.4	3.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,301.4	2.6
Top Ten Commodities		206,658.7	73.3
Others		75,154.5	26.7
Total		281,813.2	100

2022			
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	89,361.7	30.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	29,205.2	10.0
72	Iron and steel	20,255.1	7.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,029.2	6.9
39	Plastics and articles thereof	12,158.8	4.2
40	Rubber and articles thereof	10,309.2	3.5
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	9,184.9	3.2
08	Fruit and nuts, edible; peel of citrus fruit or melons	8,012.5	2.8
29	Organic chemicals	7,906.9	2.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,712.6	2.7
Top Ten Commodities		214,136.3	73.6
Others		76,630.2	26.4
Total		290,766.5	100

Source:
ASEAN Secretariat

Table 5.23. Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2021-2022

2021				2022			
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	128,938.6	33.2	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	136,656.0	31.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	62,101.1	16.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	68,017.0	15.8
39	Plastics and articles thereof	17,519.2	4.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	19,458.2	4.5
72	Iron and steel	15,509.3	4.0	39	Plastics and articles thereof	19,288.9	4.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,415.6	3.5	72	Iron and steel	17,135.2	4.0
73	Iron or steel articles	12,060.8	3.1	73	Iron or steel articles	14,025.1	3.3
29	Organic chemicals	8,627.0	2.2	29	Organic chemicals	13,109.7	3.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	8,591.8	2.2	38	Chemical products n.e.c.	10,871.1	2.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,923.0	2.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	10,251.1	2.4
38	Chemical products n.e.c.	7,608.0	2.0	76	Aluminium and articles thereof	8,566.7	2.0
	Top Ten Commodities	282,294.4	72.7		Top Ten Commodities	317,378.9	73.6
	Others	106,147.4	27.3		Others	113,957.7	26.4
	Total	388,441.9	100		Total	431,336.6	100

Source:
ASEAN Secretariat

Table 5.24. Top Ten Goods Exported from ASEAN to EU-27 by 2-digit HS Code, 2021-2022

2021			
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	44,665.3	29.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,385.6	12.7
40	Rubber and articles thereof	7,221.0	4.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,779.6	4.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,587.4	4.3
64	Footwear; gaiters and the like; parts of such articles	6,428.0	4.2
61	Apparel and clothing accessories; knitted or crocheted	4,673.7	3.1
62	Apparel and clothing accessories; not knitted or crocheted	4,527.7	3.0
29	Organic chemicals	4,092.6	2.7
99	Other products	4,049.7	2.6
	Top Ten Commodities	108,410.4	70.9
	Others	44,480.3	29.1
	Total	152,890.7	100

2022			
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	49,979.8	28.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,230.9	11.5
64	Footwear; gaiters and the like; parts of such articles	9,221.4	5.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,220.0	4.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,050.0	4.0
62	Apparel and clothing accessories; not knitted or crocheted	6,204.8	3.5
61	Apparel and clothing accessories; knitted or crocheted	5,940.7	3.4
29	Organic chemicals	5,435.8	3.1
40	Rubber and articles thereof	4,914.5	2.8
38	Chemical products n.e.c.	4,768.0	2.7
	Top Ten Commodities	120,965.8	68.6
	Others	55,412.1	31.4
	Total	176,377.9	100

Source:
ASEAN Secretariat

Table 5.25. Top Ten Goods Imported to ASEAN from EU-27 by 2-digit HS Code, 2021-2022

2021			
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	23,429.5	20.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,351.3	14.9
30	Pharmaceutical products	9,859.1	8.5
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	4,796.3	4.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,670.1	3.1
29	Organic chemicals	3,542.3	3.0
39	Plastics and articles thereof	3,408.7	2.9
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,344.9	2.9
88	Aircraft, spacecraft and parts thereof	3,062.2	2.6
Top Ten Commodities		78,430.7	67.3
Others		38,134.5	32.7
Total		116,565.2	100

2022			
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	22,432.1	18.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	18,156.3	15.3
30	Pharmaceutical products	9,927.3	8.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,497.1	5.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,297.0	4.5
88	Aircraft, spacecraft and parts thereof	3,868.9	3.3
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,623.1	3.1
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,543.0	3.0
39	Plastics and articles thereof	3,475.5	2.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,100.1	2.6
Top Ten Commodities		79,920.4	67.3
Others		38,863.6	32.7
Total		118,784.0	100

Source:
ASEAN Secretariat

Table 5.26. Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,904.6	14.7
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	7,756.4	14.4
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	5,267.0	9.8
39	Plastics and articles thereof	3,274.0	6.1
29	Organic chemicals	3,072.8	5.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,993.9	3.7
72	Iron and steel	1,755.2	3.3
40	Rubber and articles thereof	1,524.0	2.8
38	Chemical products n.e.c.	1,473.2	2.7
Top Ten Commodities		40,772.7	75.7
Others		13,103.4	24.3
Total		53,876.1	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,622.9	19.3
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	10,290.0	14.6
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	9,877.0	14.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,827.7	8.3
39	Plastics and articles thereof	3,550.5	5.0
29	Organic chemicals	3,174.7	4.5
72	Iron and steel	2,269.4	3.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,829.8	2.6
38	Chemical products n.e.c.	1,778.8	2.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,545.4	2.2
Top Ten Commodities		53,766.2	76.1
Others		16,852.8	23.9
Total		70,619.0	100

Source:
ASEAN Secretariat

Table 5.27. Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,124.8	16.2
72	Iron and steel	3,886.4	10.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	2,889.5	7.7
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	2,124.6	5.6
30	Pharmaceutical products	1,443.5	3.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,402.4	3.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,364.4	3.6
10	Cereals	1,318.6	3.5
17	Sugars and sugar confectionery	1,238.3	3.3
	Top Ten Commodities	24,574.4	65.1
	Others	13,167.7	34.9
	Total	37,742.1	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,792.8	18.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,958.2	9.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,312.6	7.8
29	Organic chemicals	2,432.9	5.7
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,119.4	5.0
72	Iron and steel	1,985.6	4.7
10	Cereals	1,592.6	3.8
02	Meat and edible meat offal	1,567.8	3.7
30	Pharmaceutical products	1,473.0	3.5
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,356.4	3.2
	Top Ten Commodities	27,591.4	65.0
	Others	14,873.8	35.0
	Total	42,465.2	100

Source:
ASEAN Secretariat

Table 5.28. Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2021-2022

2021			
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	27,487.1	23.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,588.9	10.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,362.5	9.0
39	Plastics and articles thereof	4,662.9	4.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,900.1	3.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,777.6	3.3
40	Rubber and articles thereof	3,268.2	2.8
44	Wood and articles of wood; wood charcoal	3,097.1	2.7
61	Apparel and clothing accessories; knitted or crocheted	2,918.7	2.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,899.4	2.5
	Top Ten Commodities	73,962.5	64.4
	Others	40,857.3	35.6
	Total	114,819.9	100

2022			
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	29,240.1	21.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	21,440.6	16.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	11,293.9	8.5
39	Plastics and articles thereof	4,790.5	3.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,908.0	2.9
44	Wood and articles of wood; wood charcoal	3,770.5	2.8
62	Apparel and clothing accessories; not knitted or crocheted	3,449.7	2.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,426.2	2.6
61	Apparel and clothing accessories; knitted or crocheted	3,393.6	2.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	3,151.1	2.4
	Top Ten Commodities	87,864.3	65.9
	Others	45,446.6	34.1
	Total	133,310.9	100

Source:
ASEAN Secretariat

Table 5.29. Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2021-2022

2021			
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	32,793.5	25.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,714.0	16.4
72	Iron and steel	12,668.3	10.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	9,757.3	7.7
39	Plastics and articles thereof	6,524.2	5.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,004.8	4.0
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
73	Iron or steel articles	3,443.1	2.7
38	Chemical products n.e.c.	3,302.6	2.6
74	Copper and articles thereof	3,245.4	2.6
Top Ten Commodities		101,404.7	80.1
Others		25,114.1	19.9
Total		126,518.8	100

2022			
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	34,445.4	25.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,538.5	15.9
72	Iron and steel	12,538.5	9.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	10,736.8	7.9
39	Plastics and articles thereof	6,292.3	4.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,281.0	3.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,277.0	3.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,121.9	3.8
73	Iron or steel articles	3,470.9	2.6
74	Copper and articles thereof	3,366.2	2.5
Top Ten Commodities		108,068.5	79.9
Others		27,206.3	20.1
Total		135,274.8	100

Source:
ASEAN Secretariat

Table 5.30. Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2021-2022

2021			
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	21,820.5	31.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,659.4	12.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,587.5	9.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,420.1	3.5
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,364.7	3.4
62	Apparel and clothing accessories; not knitted or crocheted	2,209.5	3.2
72	Iron and steel	1,582.8	2.3
38	Chemical products n.e.c.	1,576.3	2.3
44	Wood and articles of wood; wood charcoal	1,535.3	2.2
40	Rubber and articles thereof	1,348.1	2.0
Top Ten Commodities		50,104.2	72.8
Others		15,145.9	22.0
Total		68,867.8	100

2022			
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	25,485.8	31.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,016.3	13.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,176.3	10.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,697.2	3.3
62	Apparel and clothing accessories; not knitted or crocheted	2,554.7	3.2
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,296.1	2.8
72	Iron and steel	1,964.9	2.4
38	Chemical products n.e.c.	1,878.6	2.3
26	Ores, slag and ash	1,716.8	2.1
44	Wood and articles of wood; wood charcoal	1,669.0	2.1
Top Ten Commodities		59,455.6	73.5
Others		21,427.6	26.5
Total		80,883.2	100

Source:
ASEAN Secretariat

Table 5.31. Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2021-2022

2021				2022			
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	59,319.0	49.1	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	68,161.5	48.0
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	21,775.3	15.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,629.8	6.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,967.4	6.3
39	Plastics and articles thereof	7,028.3	5.8	39	Plastics and articles thereof	7,225.5	5.1
72	Iron and steel	5,636.9	4.7	72	Iron and steel	5,573.9	3.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,013.6	2.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,080.4	2.2
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	2,103.2	1.5
40	Rubber and articles thereof	2,401.6	2.0	29	Organic chemicals	1,738.7	1.2
74	Copper and articles thereof	1,931.5	1.6	40	Rubber and articles thereof	1,614.4	1.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,862.6	1.5	74	Copper and articles thereof	1,588.2	1.1
	Top Ten Commodities	101,747.4	84.1		Top Ten Commodities	121,828.5	85.9
	Others	19,178.2	15.9		Others	20,056.4	14.1
	Total	120,925.7	100		Total	141,884.9	100

Source:
ASEAN Secretariat

Table 5.32. Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2021-2022

2021				2022			
HS	Commodities	Value (million US\$)	Share (%)	HS	Commodities	Value (million US\$)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,151.1	17.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,167.4	34.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,068.2	15.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,377.2	14.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	949.6	14.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	939.5	10.1
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	680.1	10.1	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	787.8	8.5
23	Food industries, residues and wastes thereof; prepared animal fodder	328.4	4.9	23	Food industries, residues and wastes thereof; prepared animal fodder	416.7	4.5
39	Plastics and articles thereof	295.3	4.4	39	Plastics and articles thereof	248.0	2.7
40	Rubber and articles thereof	142.7	2.1	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	152.0	1.6
21	Miscellaneous edible preparations	142.6	2.1	21	Miscellaneous edible preparations	138.3	1.5
72	Iron and steel	118.0	1.8	72	Iron and steel	117.5	1.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	117.9	1.8	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	113.7	1.2
	Top Ten Commodities	4,993.9	74.1		Top Ten Commodities	7,458.0	80.4
	Others	1,743.7	25.9		Others	1,822.1	19.6
	Total	6,737.7	100		Total	9,280.1	100

Source:
ASEAN Secretariat

Table 5.33. Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
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	254.7	5.8
44	Wood and articles of wood; wood charcoal	196.4	4.5
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	176.7	4.0
02	Meat and edible meat offal	168.2	3.8
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	147.4	3.3
35	Albuminoidal substances; modified starches; glues; enzymes	112.5	2.5
21	Miscellaneous edible preparations	99.1	2.2
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	76.7	1.7
Top Ten Commodities		3,657.4	82.9
Others		754.4	17.1
Total		4,411.8	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	3,096.6	55.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	277.0	4.9
08	Fruit and nuts, edible; peel of citrus fruit or melons	273.8	4.9
02	Meat and edible meat offal	256.1	4.6
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	180.2	3.2
44	Wood and articles of wood; wood charcoal	178.1	3.2
35	Albuminoidal substances; modified starches; glues; enzymes	167.0	3.0
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	153.8	2.7
21	Miscellaneous edible preparations	112.2	2.0
72	Iron and steel	110.9	2.0
Top Ten Commodities		4,805.5	85.5
Others		813.7	14.5
Total		5,619.3	100

Source:
ASEAN Secretariat

Table 5.34. Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2021-2022

2021			
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	2,266.5	30.8
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	906.0	12.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	622.8	8.5
40	Rubber and articles thereof	508.3	6.9
64	Footwear; gaiters and the like; parts of such articles	354.1	4.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	244.1	3.3
09	Coffee, tea, mate and spices	242.5	3.3
61	Apparel and clothing accessories; knitted or crocheted	214.4	2.9
62	Apparel and clothing accessories; not knitted or crocheted	204.5	2.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	187.9	2.6
Top Ten Commodities		5,751.0	78.3
Others		1,596.5	21.7
Total		7,347.5	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	994.5	22.9
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	485.0	11.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	375.1	8.6
40	Rubber and articles thereof	336.0	7.7
09	Coffee, tea, mate and spices	300.0	6.9
03	Fish and crustaceans, molluscs and other aquatic invertebrates	167.6	3.9
62	Apparel and clothing accessories; not knitted or crocheted	131.4	3.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	125.8	2.9
21	Miscellaneous edible preparations	125.2	2.9
61	Apparel and clothing accessories; knitted or crocheted	117.9	2.7
Top Ten Commodities		3,158.4	72.7
Others		1,185.6	27.3
Total		4,344.1	100

Source:
ASEAN Secretariat

Table 5.35. Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2021-2022

2021			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,809.9	44.5
72	Iron and steel	1,823.0	16.8
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
31	Fertilizers	811.1	7.5
76	Aluminium and articles thereof	280.2	2.6
02	Meat and edible meat offal	232.1	2.1
75	Nickel and articles thereof	201.0	1.9
03	Fish and crustaceans, molluscs and other aquatic invertebrates	200.9	1.9
30	Pharmaceutical products	143.5	1.3
88	Aircraft, spacecraft and parts thereof	123.3	1.1
	Top Ten Commodities	9,674.1	89.4
	Others	1,146.2	10.6
	Total	10,820.4	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,199.9	47.2
72	Iron and steel	1,516.4	13.8
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,423.9	12.9
31	Fertilizers	866.8	7.9
76	Aluminium and articles thereof	302.4	2.7
02	Meat and edible meat offal	296.0	2.7
75	Nickel and articles thereof	114.8	1.0
03	Fish and crustaceans, molluscs and other aquatic invertebrates	113.8	1.0
30	Pharmaceutical products	109.3	1.0
88	Aircraft, spacecraft and parts thereof	93.0	0.8
	Top Ten Commodities	10,036.3	91.0
	Others	988.8	9.0
	Total	11,025.2	100

Source:
ASEAN Secretariat

Table 5.36. Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2021-2022

2021			
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	73,927.5	28.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	38,239.6	14.9
61	Apparel and clothing accessories; knitted or crocheted	15,943.8	6.2
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	15,871.4	6.2
40	Rubber and articles thereof	14,740.9	5.8
64	Footwear; gaiters and the like; parts of such articles	10,359.9	4.0
62	Apparel and clothing accessories; not knitted or crocheted	9,798.4	3.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	9,686.8	3.8
39	Plastics and articles thereof	4,828.8	1.9
21	Miscellaneous edible preparations	4,254.5	1.7
Top Ten Commodities		197,651.5	77.1
Others		58,648.0	22.9
Total		256,299.6	100

2021			
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	96,750.7	33.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	40,436.3	13.9
61	Apparel and clothing accessories; knitted or crocheted	16,424.8	5.6
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	15,798.3	5.4
64	Footwear; gaiters and the like; parts of such articles	13,223.8	4.5
62	Apparel and clothing accessories; not knitted or crocheted	11,641.9	4.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	10,537.1	3.6
40	Rubber and articles thereof	10,389.9	3.6
39	Plastics and articles thereof	5,451.4	1.9
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,072.7	1.7
Top Ten Commodities		225,726.8	77.6
Others		65,237.7	22.4
Total		290,964.5	100

Source:
ASEAN Secretariat

Table 5.37. Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2021-2022

2021			
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	22,412.7	20.5
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	8,669.9	7.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,081.4	5.6
39	Plastics and articles thereof	4,710.9	4.3
88	Aircraft, spacecraft and parts thereof	4,617.5	4.2
23	Food industries, residues and wastes thereof; prepared animal fodder	3,299.6	3.0
38	Chemical products n.e.c.	2,940.5	2.7
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	2,781.3	2.5
Ten Major Commodities		78,782.3	72.1
Others		30,517.8	27.9
Total		109,300.1	100

2022			
HS	Commodities	Value (million US\$)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	23,840.5	18.4
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	22,899.8	17.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	17,398.2	13.4
88	Aircraft, spacecraft and parts thereof	8,988.0	6.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,876.9	5.3
39	Plastics and articles thereof	5,056.3	3.9
23	Food industries, residues and wastes thereof; prepared animal fodder	3,354.1	2.6
38	Chemical products n.e.c.	3,258.6	2.5
30	Pharmaceutical products	2,649.6	2.0
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,483.0	1.9
Ten Major Commodities		96,804.9	74.8
Others		32,675.2	25.2
Total		129,480.1	100

Source:
ASEAN Secretariat

Table 5.38. Top Ten Intra-ASEAN Trade in Goods, 2022

Exports				
HS	Commodities	To ASEAN (million US\$)	Total ASEAN (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	111,955.4	557,575.7	20.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	98,492.3	231,747.6	42.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,258.8	191,157.8	20.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	19,370.2	50,722.8	38.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	18,763.6	55,920.5	33.6
39	Plastics and articles thereof	16,448.2	53,733.0	30.6
72	Iron and steel	10,285.2	48,123.4	21.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,921.6	64,664.9	13.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,298.6	50,231.3	16.5
29	Organic chemicals	7,500.2	32,861.5	22.8
Top Ten Exports		339,294.2	1,336,738.5	25.4
Others		110,540.3	625,397.7	17.7
Total Exports		449,834.5	1,962,136.1	21.7

Imports				
HS	Commodities	From ASEAN (million US\$)	Total ASEAN (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	106,938.1	337,503.1	31.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	91,007.8	483,371.1	18.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	29,882.0	193,447.7	15.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	18,824.1	53,444.4	35.2
39	Plastics and articles thereof	14,196.3	68,285.4	20.8
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	11,662.9	59,753.2	19.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,947.2	12,652.0	70.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,710.8	59,522.0	14.6
29	Organic chemicals	7,977.2	43,264.0	18.4
72	Iron and steel	7,212.1	37,188.3	19.4
Top Ten Imports		305,358.4	1,348,431.3	22.6
Others		101,272.6	535,614.9	18.9
Total Imports		406,631.0	1,884,046.2	21.6

Source:
ASEAN Secretariat

Table 5.39. Top-Ten Traded Goods between Australia and ASEAN, 2022

Exports					Imports				
HS	Commodities	To Australia (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From Australia (million US\$)	Total ASEAN (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	17,615.7	231,747.6	7.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	20,254.2	337,503.1	6.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,149.8	55,920.5	11.0	10	Cereals	5,163.1	18,792.1	27.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,653.8	191,157.8	2.4	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	4,173.9	59,753.2	7.0
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	4,369.8	557,575.7	0.8	26	Ores, slag and ash	3,273.4	10,224.3	32.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,874.8	50,722.8	3.7	52	Cotton	2,082.3	10,208.3	20.4
39	Plastics and articles thereof	1,548.3	53,733.0	2.9	02	Meat and edible meat offal	1,431.3	7,962.8	18.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,035.7	50,231.3	2.1	74	Copper and articles thereof	1,324.9	18,719.9	7.1
21	Miscellaneous edible preparations	743.9	14,618.0	5.1	76	Aluminium and articles thereof	1,029.9	21,674.1	4.8
64	Footwear; gaiters and the like; parts of such articles	725.4	36,472.3	2.0	28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	893.7	16,214.4	5.5
73	Iron or steel articles	716.1	17,042.9	4.2	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	781.6	8,547.0	9.1
	Top Ten Exports	39,433.3	1,259,221.8	3.1		Top Ten Imports	40,408.4	509,599.2	7.9
	Others	12,555.7	702,914.3	1.8		Others	8,700.7	1,374,447.0	0.6
	Total Exports	51,989.0	1,962,136.2	2.6		Total Imports	49,109.1	1,884,046.2	2.6

Source:
ASEAN Secretariat

Table 5.40. Top Ten Traded Goods between Canada and ASEAN, 2022

Exports				
HS	Commodities	To Canada (million US\$)	Total ASEAN (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	3,258.2	557,575.7	0.6
61	Apparel and clothing accessories; knitted or crocheted	1,636.9	34,279.4	4.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,103.1	191,157.8	0.6
62	Apparel and clothing accessories; not knitted or crocheted	972.6	29,991.4	3.2
64	Footwear; gaiters and the like; parts of such articles	888.6	36,472.3	2.4
40	Rubber and articles thereof	596.5	43,681.6	1.4
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	465.1	24,174.7	1.9
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	395.3	12,290.3	3.2
03	Fish and crustaceans, molluscs and other aquatic invertebrates	367.4	15,712.4	2.3
72	Iron and steel	344.3	48,123.4	0.7
Top Ten Exports		10,028.1	993,459.1	1.0
Others		3,676.3	968,677.0	0.4
Total Exports		13,704.4	1,962,136.1	0.7

Imports				
HS	Commodities	From Canada (million US\$)	Total ASEAN (million US\$)	Share (%)
31	Fertilizers	2,276.5	12,716.0	17.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,277.5	193,447.7	0.7
10	Cereals	974.1	18,792.1	5.2
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	630.4	5,854.0	10.8
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	523.6	483,371.1	0.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	435.0	59,753.2	0.7
02	Meat and edible meat offal	354.8	7,962.8	4.5
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	346.0	7,532.1	4.6
44	Wood and articles of wood; wood charcoal	225.4	6,709.2	3.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	212.7	43,264.0	0.5
Top Ten Imports		7,255.9	839,402.3	0.9
Others		2,160.0	1,044,643.9	0.2
Total Imports		9,416.0	1,884,046.2	0.5

Source:
ASEAN Secretariat

Table 5.41. Top Ten Traded Goods between China and ASEAN, 2022

Exports					Imports				
HS	Commodities	To China (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From China (million US\$)	Total ASEAN (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	89,361.7	557,575.7	16.0	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	136,656.0	483,371.1	28.3
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	29,205.2	231,747.6	12.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	68,016.9	193,447.7	35.2
72	Iron and steel	20,255.1	48,123.4	42.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	19,458.2	337,503.1	5.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,029.2	191,157.8	10.5	39	Plastics and articles thereof	19,288.9	68,285.4	28.2
39	Plastics and articles thereof	12,158.8	53,733.0	22.6	72	Iron and steel	17,135.2	59,522.0	28.8
40	Rubber and articles thereof	10,309.2	43,681.6	23.6	73	Iron or steel articles	14,025.1	28,977.2	48.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	9,184.9	64,664.9	14.2	29	Organic chemicals	13,109.7	37,188.3	35.3
08	Fruit and nuts, edible; peel of citrus fruit or melons	8,012.5	14,519.2	55.2	38	Chemical products n.e.c.	10,871.1	30,632.6	35.5
29	Organic chemicals	7,906.9	32,861.5	24.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	10,251.1	53,444.4	19.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,712.6	50,231.3	15.4	76	Aluminium and articles thereof	8,566.7	21,674.1	39.5
	Top Ten Exports	214,136.3	1,288,296.0	16.6		Top Ten Imports	317,378.9	1,314,046.0	24.2
	Others	76,630.2	673,840.1	11.4		Others	113,957.7	570,000.2	20.0
	Total Exports	290,766.5	1,962,136.1	14.8		Total Imports	431,336.6	1,884,046.2	22.9

Source:
ASEAN Secretariat

Table 5.42. Top Ten Traded Goods between EU-27 and ASEAN, 2022

Exports				
HS	Commodities	To EU-27 (million US\$)	Total ASEAN (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	49,979.8	557,575.7	9.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,230.9	191,157.8	10.6
64	Footwear; gaiters and the like; parts of such articles	9,221.4	36,472.3	25.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	7,220.0	50,231.3	14.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	7,050.0	64,664.9	10.9
62	Apparel and clothing accessories; not knitted or crocheted	6,204.8	29,991.4	20.7
61	Apparel and clothing accessories; knitted or crocheted	5,940.7	34,279.4	17.3
29	Organic chemicals	5,435.8	32,861.5	16.5
40	Rubber and articles thereof	4,914.5	43,681.6	11.3
38	Chemical products n.e.c.	4,768.0	27,626.1	17.3
Top Ten Exports		120,965.8	1,068,542.0	11.3
Others		55,412.0	893,594.2	6.2
Total Exports		176,377.9	1,962,136.1	9.0

Imports				
HS	Commodities	From EU-27 (million US\$)	Total ASEAN (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	22,432.1	483,371.1	4.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	18,156.3	193,447.7	9.4
30	Pharmaceutical products	9,927.3	20,129.4	49.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,497.1	43,264.0	15.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,297.0	53,444.4	9.9
88	Aircraft, spacecraft and parts thereof	3,868.9	15,366.8	25.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,623.1	337,503.1	1.1
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,543.0	11,770.7	30.1
39	Plastics and articles thereof	3,475.5	68,285.4	5.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,100.1	59,753.2	5.2
Top Ten Imports		79,920.4	1,286,335.9	6.2
Others		38,863.6	597,710.3	6.5
Total Imports		118,784.0	1,884,046.2	6.3

Source:
ASEAN Secretariat

Table 5.43. Top Ten Traded Goods between India and ASEAN, 2022

Exports				
HS	Commodities	To India (million US\$)	Total ASEAN (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	13,622.9	231,747.6	5.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	10,290.0	64,664.9	15.9
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	9,877.0	557,575.7	1.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,827.7	191,157.8	3.0
39	Plastics and articles thereof	3,550.5	53,733.0	6.6
29	Organic chemicals	3,174.7	32,861.5	9.7
72	Iron and steel	2,269.4	48,123.4	4.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,829.8	50,722.8	3.6
38	Chemical products n.e.c.	1,778.8	27,626.1	6.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,545.4	50,231.3	3.1
Top Ten Exports		53,766.2	1,308,444.1	4.1
Others		16,852.8	653,692.0	2.6
Total Exports		70,619.0	1,962,136.1	3.6

Imports				
HS	Commodities	From India (million US\$)	Total ASEAN (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,792.8	337,503.1	2.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,958.2	59,753.2	6.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,312.6	193,447.7	1.7
29	Organic chemicals	2,432.9	37,188.3	6.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,119.4	53,444.4	4.0
72	Iron and steel	1,985.6	59,522.0	3.3
10	Cereals	1,592.6	18,792.1	8.5
02	Meat and edible meat offal	1,567.8	7,962.8	19.7
30	Pharmaceutical products	1,473.0	20,129.4	7.3
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	1,356.4	483,371.1	0.3
Top Ten Imports		27,591.4	1,271,114.2	2.2
Others		14,873.8	612,932.0	2.4
Total Imports		42,465.2	1,884,046.2	2.3

Source:
ASEAN Secretariat

Table 5.44. Top Ten Traded Goods between Japan and ASEAN, 2022

Exports					Imports				
HS	Commodities	To Japan (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From Japan (million US\$)	Total ASEAN (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	29,240.1	557,575.7	5.2	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	34,445.4	483,371.1	7.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	21,440.6	231,747.6	9.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,538.5	193,447.7	11.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	11,293.9	191,157.8	5.9	72	Iron and steel	12,538.5	59,522.0	21.1
39	Plastics and articles thereof	4,790.5	53,733.0	8.9	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	10,736.8	53,444.4	20.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,908.0	50,231.3	7.8	39	Plastics and articles thereof	6,292.3	68,285.4	9.2
44	Wood and articles of wood; wood charcoal	3,770.5	17,469.9	21.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,281.0	59,753.2	8.8
62	Apparel and clothing accessories; not knitted or crocheted	3,449.7	29,991.4	11.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,277.0	43,264.0	12.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	3,426.2	55,920.5	6.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,121.9	337,503.1	1.5
61	Apparel and clothing accessories; knitted or crocheted	3,393.6	34,279.4	9.9	73	Iron or steel articles	3,470.9	28,977.2	12.0
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	3,151.1	12,290.3	25.6	74	Copper and articles thereof	3,366.1	18,719.9	18.0
	Top Ten Exports	87,864.2	1,234,397.0	7.1		Top Ten Imports	108,068.5	1,346,288.0	8.0
	Others	45,446.6	727,739.1	6.2		Others	27,206.3	537,758.2	5.1
	Total Exports	133,310.9	1,962,136.1	6.8		Total Imports	135,274.8	1,884,046.2	7.2

Source:
ASEAN Secretariat

Table 5.45. Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2022

Exports					Imports				
HS	Commodities	To ROK (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From ROK (million US\$)	Total ASEAN (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	25,485.8	557,575.7	4.6	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	68,161.5	483,371.1	14.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,016.3	231,747.6	4.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	21,775.3	337,503.1	6.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,176.3	191,157.8	4.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,967.4	193,447.7	4.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,697.2	50,231.3	5.4	39	Plastics and articles thereof	7,225.5	68,285.4	10.6
62	Apparel and clothing accessories; not knitted or crocheted	2,554.7	29,991.4	8.5	72	Iron and steel	5,573.9	59,522.0	9.4
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,296.1	14,215.7	16.2	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,080.4	43,264.0	7.1
72	Iron and steel	1,964.9	48,123.4	4.1	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,103.2	53,444.4	3.9
38	Chemical products n.e.c.	1,878.6	27,626.1	6.8	29	Organic chemicals	1,738.7	37,188.3	4.7
26	Ores, slag and ash	1,716.8	15,705.4	10.9	40	Rubber and articles thereof	1,614.4	17,558.8	9.2
44	Wood and articles of wood; wood charcoal	1,669.0	17,469.9	9.6	74	Copper and articles thereof	1,588.2	18,719.9	8.5
	Top Ten Exports	59,455.6	1,183,844.4	5.0		Top Ten Imports	121,828.5	1,312,304.7	9.3
	Others	21,427.6	778,291.7	2.8		Others	20,056.4	571,741.5	3.5
	Total Exports	80,883.2	1,962,136.1	4.1		Total Imports	141,884.9	1,884,046.2	7.5

Source:
ASEAN Secretariat

Table 5.46. Top Ten Traded Goods between New Zealand and ASEAN, 2022

Exports					Imports				
HS	Commodities	To New Zealand (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From New Zealand (million US\$)	Total ASEAN (million US\$)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,167.4	231,747.6	1.4	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	3,096.6	8,547.0	36.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,377.2	191,157.8	0.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	277.0	337,503.1	0.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	939.5	55,920.5	1.7	08	Fruit and nuts, edible; peel of citrus fruit or melons	273.8	8,620.4	3.2
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	787.8	557,575.7	0.1	02	Meat and edible meat offal	256.1	7,962.8	3.2
23	Food industries, residues and wastes thereof; prepared animal fodder	416.7	8,294.8	5.0	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	180.2	5,854.0	3.1
39	Plastics and articles thereof	247.9	53,733.0	0.5	44	Wood and articles of wood; wood charcoal	178.0	6,709.2	2.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	152.0	64,664.9	0.2	35	Albuminoid substances; modified starches; glues; enzymes	167.0	3,974.1	4.2
21	Miscellaneous edible preparations	138.3	14,618.0	0.9	19	Preparations of cereals, flour, starch or milk; pastrycooks' products	153.8	4,942.1	3.1
72	Iron and steel	117.5	48,123.4	0.2	21	Miscellaneous edible preparations	112.2	9,171.6	1.2
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	113.7	11,484.9	1.0	72	Iron and steel	110.9	59,522.0	0.2
	Top Ten Exports	7,458.0	1,237,320.6	0.6		Top Ten Imports	4,805.5	452,806.4	1.1
	Others	1,822.1	724,815.6	0.3		Others	813.7	1,431,239.8	0.1
	Total Exports	9,280.1	1,962,136.1	0.5		Total Imports	5,619.3	1,884,046.2	0.3

Source:
ASEAN Secretariat

Table 5.47. Top Ten Traded Goods between Russian Federation and ASEAN, 2022

Exports					Imports				
HS	Commodities	To Russia (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From Russia (million US\$)	Total ASEAN (million US\$)	Share (%)
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	994.5	64,664.9	1.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,199.9	337,503.1	1.5
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	485.0	557,575.7	0.1	31	Fertilizers	1,516.4	12,716.0	11.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	375.1	191,157.8	0.2	72	Iron and steel	1,423.9	59,522.0	2.4
40	Rubber and articles thereof	336.0	43,681.6	0.8	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	866.8	59,753.2	1.5
09	Coffee, tea, mate and spices	300.0	7,040.9	4.3	03	Fish and crustaceans, molluscs and other aquatic invertebrates	302.4	9,969.0	3.0
03	Fish and crustaceans, molluscs and other aquatic invertebrates	167.6	15,712.4	1.1	76	Aluminium and articles thereof	295.9	21,674.1	1.4
62	Apparel and clothing accessories; not knitted or crocheted	131.4	29,991.4	0.4	75	Nickel and articles thereof	114.8	1,432.3	8.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	125.8	55,920.5	0.2	39	Plastics and articles thereof	113.8	68,285.4	0.2
21	Miscellaneous edible preparations	125.2	14,618.0	0.9	02	Meat and edible meat offal	109.3	7,962.8	1.4
61	Apparel and clothing accessories; knitted or crocheted	117.9	34,279.4	0.3	40	Rubber and articles thereof	93.0	17,558.8	0.5
	Top Ten Exports	3,158.4	1,014,642.7	0.3		Top Ten Imports	10,036.3	596,376.7	1.7
	Others	1,185.6	947,493.5	0.1		Others	988.9	1,287,669.5	0.1
	Total Exports	4,344.1	1,962,136.1	0.2		Total Imports	11,025.2	1,884,046.2	0.6

Source:
ASEAN Secretariat

Table 5.48. Top-Ten Traded Goods between USA and ASEAN, 2022

Exports					Imports				
HS	Commodities	To USA (million US\$)	Total ASEAN (million US\$)	Share (%)	HS	Commodities	From USA (million US\$)	Total ASEAN (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	96,750.7	557,575.7	17.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	23,840.5	193,447.7	12.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	40,436.3	191,157.8	21.2	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	22,899.8	483,371.1	4.7
61	Apparel and clothing accessories; knitted or crocheted	16,424.8	34,279.4	47.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	17,398.2	337,503.1	5.2
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	15,798.3	24,174.7	65.4	88	Aircraft, spacecraft and parts thereof	8,988.0	15,366.8	58.5
64	Footwear; gaiters and the like; parts of such articles	13,223.8	36,472.3	36.3	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,876.9	43,264.0	15.9
62	Apparel and clothing accessories; not knitted or crocheted	11,641.8	29,991.4	38.8	39	Plastics and articles thereof	5,056.3	68,285.4	7.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	10,537.1	50,231.3	21.0	23	Food industries, residues and wastes thereof; prepared animal fodder	3,354.1	18,494.1	18.1
40	Rubber and articles thereof	10,389.9	43,681.6	23.8	38	Chemical products n.e.c.	3,258.5	30,632.6	10.6
39	Plastics and articles thereof	5,451.4	53,733.0	10.1	30	Pharmaceutical products	2,649.6	20,129.4	13.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,072.7	50,722.8	10.0	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,483.0	7,532.1	33.0
Top Ten Exports		225,726.8	1,072,020.0	21.1	Top Ten Imports		96,804.9	1,218,026.4	7.9
Others		65,237.7	890,116.1	7.3	Others		32,675.2	666,019.7	4.9
Total Exports		290,964.5	1,962,136.1	14.8	Total Imports		129,480.1	1,884,046.2	6.9

Source:
ASEAN Secretariat

Table 5.49. ASEAN Trade in Goods by Country and Mode of Transport (MoT), 2021-2022

(in million US\$)

Country	Total	1. Air	2. Water	3. Land	4. Not Elsewhere Classified	9. Unknown
2021						
Brunei Darussalam	18,686.0	761.1	17,690.3	234.3	0.3	0.1
Cambodia	42,440.2	5,493.9	25,953.5	10,991.7	0.0	1.1
Indonesia	427,799.5	32,865.4	391,971.2	28.5	2,934.5	0.0
Lao PDR	13,584.8	1,035.2	2.9	10,297.8	2,248.9	0.0
Malaysia	537,501.6	166,439.9	298,640.8	71,656.8	764.1	0.0
Myanmar	28,463.9	0.0	20,834.3	7,629.6	0.0	0.0
Philippines	208,625.5	75,155.6	133,428.4	0.0	41.5	0.0
Singapore	862,846.2	459,626.6	326,753.3	73,116.7	3,349.6	0.0
Thailand	540,318.2	117,002.8	363,861.8	59,267.8	185.7	0.0
Viet Nam ¹⁾	666,544.9	0.0	0.0	0.0	0.0	0.0
TOTAL	3,346,810.8	858,380.6	1,579,136.5	233,223.2	9,524.5	1.1
2022						
Brunei Darussalam	23,340.4	842.1	22,220.7	277.4	0.2	0.0
Cambodia	50,748.2	6,675.0	30,901.3	13,166.8	4.2	0.9
Indonesia	529,351.4	31,495.8	494,665.3	66.5	3,123.7	0.0
Lao PDR	17,179.8	994.8	13.0	13,770.7	2,401.3	0.0
Malaysia	654,862.3	203,623.4	368,091.9	82,860.0	287.0	0.0
Myanmar	34,486.8	1,178.0	25,268.6	8,040.2	0.0	0.0
Philippines	224,109.9	79,192.7	144,917.3	0.0	0.0	0.0
Singapore	990,117.4	499,260.5	404,313.2	82,483.0	4,060.7	0.0
Thailand	592,288.1	129,243.0	402,979.8	57,540.3	2,525.1	0.0
Viet Nam	729,698.0	218,472.6	453,346.1	42,024.0	8,154.8	7,700.5
TOTAL	3,846,182.4	1,170,977.9	2,346,717.1	300,228.9	20,557.1	7,701.4

Source:
ASEAN Secretariat

Note:
1) Data available in total

Table 5.50. Exports and Imports of ASEAN Merchandise Trade by Country and by Mode of Transport (MoT), 2022

(in million US\$)

Country	Total	1. Air	2. Water	3. Land	4. Not Elsewhere Classified	9. Unknown
Exports 2022						
Brunei Darussalam	14,007.3	123.4	13,863.6	20.2	0.0	0.0
Cambodia	20,750.5	1,200.5	15,277.3	4,271.8	0.0	0.9
Indonesia	291,904.3	9,908.0	278,869.4	61.7	3,065.2	0.0
Lao PDR	9,563.9	779.6	1.8	6,424.7	2,357.8	0.0
Malaysia	356,901.0	115,191.0	193,813.1	47,626.1	270.8	0.0
Myanmar	17,083.5	542.8	10,528.3	6,012.4	0.0	0.0
Philippines	78,977.5	43,949.3	35,028.3	0.0	0.0	0.0
Singapore	514,873.7	268,580.8	211,015.3	35,273.7	3.9	0.0
Thailand	287,165.3	59,921.2	196,073.4	28,890.0	2,280.7	0.0
Viet Nam	370,909.2	117,493.3	233,097.0	14,623.4	1,717.5	3,977.9
TOTAL	1,962,136.2	617,690.0	1,187,567.5	143,204.0	9,695.9	3,978.8
Imports 2022						
Brunei Darussalam	9,333.2	718.7	8,357.1	257.2	0.2	0.0
Cambodia	29,997.8	5,474.6	15,624.0	8,895.0	4.2	0.0
Indonesia	237,447.1	21,587.8	215,795.9	4.7	58.5	0.0
Lao PDR	7,615.9	215.2	11.2	7,346.0	43.5	0.0
Malaysia	297,961.3	88,432.4	174,278.8	35,233.9	16.2	0.0
Myanmar	17,403.4	635.2	14,740.3	2,027.9	0.0	0.0
Philippines	145,132.4	35,243.4	109,889.0	0.0	0.0	0.0
Singapore	475,243.7	230,679.7	193,297.9	47,209.3	4,056.8	0.0
Thailand	305,122.8	69,321.7	206,906.4	28,650.2	244.4	0.0
Viet Nam	358,788.8	100,979.3	220,249.1	27,400.6	6,437.3	3,722.6
TOTAL	1,884,046.2	553,288.0	1,159,149.6	157,024.8	10,861.2	3,722.6

Source:
ASEAN Secretariat

Chapter 6

TRADE IN SERVICES

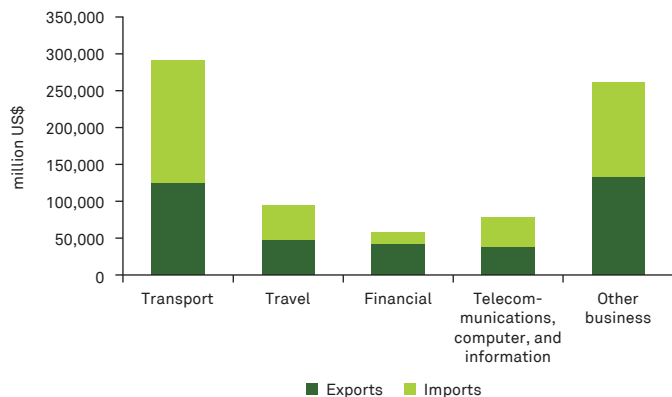


Chart 6.1. Exports and Imports of Services, 2013-2022



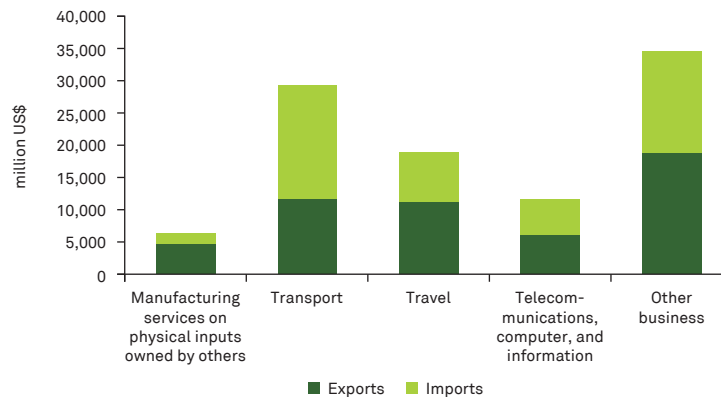
Source:
ASEAN Secretariat

Chart 6.2. Top 5 ASEAN Exports and Imports of Services, 2022



Source:
ASEAN Secretariat

Chart 6.3. Top 5 Intra-ASEAN Exports and Imports of Services, 2022



Source:
ASEAN Secretariat

Table 6.1. ASEAN Exports of Services¹⁾, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	492.8	557.8	650.6	530.4	551.4	570.6	617.9	352.2	200.4	281.6
Cambodia	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	2,317.9
Indonesia	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	31,206.9	31,641.0	15,016.0	13,951.3	23,375.9
Lao PDR	780.6	764.4	844.1	834.9	780.5	921.4	1,179.2	346.2	125.3	406.1
Malaysia	42,110.2	42,047.8	34,847.1	35,582.4	37,057.4	40,240.5	41,097.4	22,117.0	21,243.5	31,880.1
Myanmar	2,760.1	3,113.8	3,753.4	3,785.1	3,817.8	4,653.5	6,662.8	4,336.0	2,271.7	2,828.1
Philippines	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	38,396.8	41,264.0	31,822.2	33,570.0	41,070.1
Singapore	142,027.7	153,771.0	153,202.4	152,168.7	171,828.5	207,454.1	219,785.1	214,177.1	266,429.2	291,206.3
Thailand	54,804.1	51,940.2	58,082.2	63,786.4	70,964.1	77,473.6	81,177.5	30,997.2	25,407.4	38,901.0
Viet Nam	10,710.0	11,050.0	12,580.0	22,511.7	22,826.3	27,040.0	30,326.0	26,309.3	25,480.0	34,304.8
ASEAN	303,458.5	316,084.8	319,200.4	337,759.6	372,593.5	433,408.7	459,837.3	347,240.6	389,336.1	466,571.9

Source:
ASEAN Secretariat

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

Table 6.2. ASEAN Imports of Services¹⁾, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	1,129.9
Cambodia	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	2,753.6
Indonesia	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	37,691.9	39,282.4	24,771.5	28,549.8	43,417.2
Lao PDR	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	528.3
Malaysia	45,154.6	45,319.0	40,129.8	40,143.0	42,372.2	44,581.2	43,723.0	33,336.8	37,084.6	44,697.7
Myanmar	2,197.7	2,197.9	2,398.0	2,515.0	2,880.8	3,457.1	3,653.8	3,257.2	2,001.4	2,135.2
Philippines	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,789.0	28,224.7	17,955.8	19,531.2	25,438.7
Singapore	149,712.9	166,662.1	161,696.0	158,441.7	181,270.9	200,702.9	206,501.2	211,881.6	242,732.9	258,570.7
Thailand	47,402.8	45,247.3	42,518.3	43,511.5	46,668.3	54,939.1	56,854.6	45,466.1	57,904.7	62,859.0
Viet Nam	13,820.0	15,000.0	16,703.0	17,808.2	18,707.9	20,374.0	21,395.0	20,330.3	23,227.0	27,478.0
ASEAN	315,328.0	334,312.6	322,951.4	322,085.4	355,854.7	394,324.0	405,961.8	360,675.9	414,284.6	469,008.4

Source:
ASEAN Secretariat

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

Table 6.3. ASEAN Exports of Services¹⁾ by Service Heading, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	4,122.1	3,307.0	2,907.6	14,362.1	14,853.4	17,872.5	19,403.0	25,702.1	28,607.7	33,360.2
Maintenance and repair n.i.e.	9,122.2	8,403.8	7,672.2	7,232.0	6,670.8	8,395.1	8,842.0	7,534.0	7,647.9	8,824.4
Transport	65,514.0	70,305.7	65,703.4	60,495.4	69,881.0	86,655.8	89,611.1	80,146.3	109,653.0	127,940.8
Travel	103,908.0	104,564.9	104,961.5	112,954.2	126,099.3	138,078.4	146,864.5	31,957.1	10,805.9	49,150.9
Construction	4,639.3	3,693.8	3,104.1	2,989.9	2,873.7	3,265.6	3,192.0	2,796.5	2,686.9	3,228.1
Insurance and pension	3,817.9	4,117.4	4,537.3	5,004.3	5,473.3	7,786.5	7,403.5	7,122.7	8,111.6	8,583.8
Financial	20,485.6	22,548.6	22,739.6	24,003.9	29,299.1	34,186.2	35,921.9	38,245.5	41,534.6	42,573.3
Charges for the use of intellectual property n.i.e	3,645.5	4,141.8	8,914.9	7,302.7	8,470.5	9,322.7	9,232.5	9,376.2	11,944.0	13,361.6
Telecommunications, computer, and information	16,051.3	16,606.0	17,490.7	22,634.2	23,827.7	26,717.5	26,893.5	31,504.9	36,426.1	38,225.5
Other business	69,263.2	75,403.6	77,976.6	77,655.7	81,893.8	97,106.8	108,285.3	109,166.6	126,613.1	135,894.3
Personal, cultural, and recreational	1,090.5	1,312.0	1,405.7	1,311.8	1,387.6	1,949.2	1,997.7	1,890.7	3,805.9	3,801.3
Government goods and services, n.i.e.	1,798.9	1,680.4	1,786.9	1,813.5	1,863.3	2,072.4	2,190.2	1,798.0	1,499.4	1,627.7
TOTAL	303,458.5	316,084.8	319,200.4	337,759.6	372,593.6	433,408.7	459,837.3	347,240.6	389,336.1	466,571.9

Source:
ASEAN Secretariat

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

Table 6.4. ASEAN Imports of Services¹⁾ by Service Heading, 2013–2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	5,970.5	6,313.4	6,217.7	5,835.5	6,040.1	5,777.9	5,975.6	6,831.3	7,961.2	8,860.5
Maintenance and repair n.i.e.	1,887.7	1,789.3	2,001.2	2,272.7	1,794.1	2,159.8	2,558.2	2,777.6	1,982.1	2,344.2
Transport	98,663.0	103,916.7	98,178.2	92,715.6	105,131.8	122,367.6	124,204.6	124,116.9	156,589.1	168,937.2
Travel	62,683.5	67,953.5	66,285.8	68,749.2	73,609.4	81,256.1	84,314.8	27,349.4	18,964.4	47,793.4
Construction	5,492.0	5,392.4	5,046.3	4,628.3	5,558.2	4,939.3	3,816.4	3,284.7	3,085.5	3,263.7
Insurance and pension	11,255.6	10,427.6	10,177.5	11,136.8	11,206.7	12,734.8	13,392.1	14,689.2	15,043.3	16,422.7
Financial	6,540.3	6,674.6	7,050.7	7,450.6	8,956.1	10,135.5	11,115.2	13,422.4	15,179.0	17,138.5
Charges for the use of intellectual property n.i.e	31,831.2	29,575.4	27,983.2	24,103.3	25,182.2	27,616.8	26,038.4	25,061.6	28,432.0	28,402.9
Telecommunications, computer, and information	15,679.2	22,697.8	18,081.2	20,131.5	22,749.4	23,280.3	26,698.0	33,884.9	40,472.6	41,149.7
Other business	71,814.2	75,978.1	78,856.9	82,183.1	92,464.9	100,415.2	104,105.7	105,587.9	122,091.9	130,308.4
Personal, cultural, and recreational	1,691.7	1,806.7	1,626.8	1,403.4	1,547.8	1,946.6	1,974.7	2,187.6	2,973.5	2,966.5
Government goods and services, n.i.e.	1,819.1	1,787.0	1,445.9	1,475.5	1,614.0	1,694.1	1,768.1	1,482.5	1,509.9	1,420.5
TOTAL	315,328.0	334,312.6	322,951.4	322,085.4	355,854.7	394,324.0	405,961.8	360,675.9	414,284.6	469,008.4

Source:
ASEAN Secretariat

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

Table 6.5. Brunei Darussalam Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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 n.i.e.	0.1	0.3	0.4	0.5	0.5	0.0	0.0	0.0	0.7	0.1
Transport	337.4	433.0	468.7	345.2	347.3	303.1	278.0	145.0	99.1	197.2
Travel	95.7	78.8	147.3	144.1	177.3	190.2	216.6	37.9	2.1	13.8
Construction	0.0	0.3	0.0	0.0	0.0	49.4	94.3	136.7	64.1	29.9
Insurance and pension	3.0	2.0	1.6	2.9	1.6	1.0	1.4	1.4	0.5	1.4
Financial	15.2	1.3	1.4	1.6	0.9	0.2	0.4	0.2	0.2	0.4
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	0.1	0.2	0.1	0.0	0.0	1.0	0.9	7.3	7.7	5.8
Other business	17.3	18.2	12.5	14.4	5.3	6.8	7.6	5.1	7.1	14.6
Personal, cultural, and recreational	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	23.7	18.6	21.7	18.5	18.9	18.7	18.5	19.0	18.5
TOTAL	492.8	557.8	650.6	530.4	551.4	570.6	617.9	352.2	200.4	281.6

Source:
ASEAN Secretariat

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

Table 6.6. Brunei Darussalam Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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 n.i.e.	147.8	103.6	97.7	106.5	89.5	88.7	93.4	120.4	61.8	90.0
Transport	453.0	363.0	233.2	213.3	259.7	226.0	234.4	227.4	232.6	240.0
Travel	624.2	477.1	460.3	500.4	504.6	585.2	612.7	97.6	13.3	120.3
Construction	263.9	260.7	124.9	26.2	26.8	118.8	242.3	87.0	100.7	210.2
Insurance and pension	13.2	13.7	10.9	12.5	8.4	12.4	11.9	11.4	54.7	73.5
Financial	78.0	30.7	0.7	43.7	35.2	10.6	2.4	3.9	4.0	1.5
Charges for the use of intellectual property n.i.e	17.3	9.2	13.9	37.8	17.3	19.8	18.7	12.3	13.6	6.1
Telecommunications, computer, and information	82.8	129.3	100.0	53.6	39.8	64.6	96.1	159.4	77.4	39.8
Other business	1,145.3	771.3	586.8	619.2	231.7	422.0	464.8	457.3	307.2	316.3
Personal, cultural, and recreational	0.0	0.0	0.1	3.1	6.1	0.8	1.0	0.9	1.9	3.2
Government goods and services, n.i.e.	32.0	31.6	29.1	29.0	29.0	29.6	29.3	29.0	29.8	29.0
TOTAL	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	1,129.9

Source:
ASEAN Secretariat

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

Table 6.7. Cambodia Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	343.7	392.3	419.4	456.1	562.2	687.9	786.4	281.7	188.2	356.4
Travel	2,660.4	2,953.0	3,137.0	3,212.3	3,639.3	4,361.8	4,772.8	1,023.0	184.1	1,415.0
Construction	15.3	10.2	10.1	13.1	16.6	13.9	35.4	45.6	22.4	111.2
Insurance and pension	0.6	0.5	0.2	0.4	1.6	3.1	7.2	4.4	5.1	11.6
Financial	19.6	25.1	33.8	8.7	7.1	14.9	25.5	52.2	36.7	39.5
Charges for the use of intellectual property n.i.e	2.4	2.7	0.6	1.5	1.0	2.4	12.2	9.3	1.0	17.7
Telecommunications, computer, and information	57.9	74.1	86.6	73.9	66.5	65.4	87.0	82.8	85.4	119.4
Other business	251.0	251.9	95.7	80.3	94.5	97.6	117.1	135.1	118.4	163.6
Personal, cultural, and recreational	3.0	3.6	0.5	1.2	1.8	1.7	10.7	2.9	7.2	11.9
Government goods and services, n.i.e.	139.7	97.4	170.8	185.5	217.7	202.5	231.9	130.3	8.8	71.7
TOTAL	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	2,317.9

Source:
ASEAN Secretariat

Notes:

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

Table 6.8. Cambodia Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	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	1,535.9
Travel	354.7	401.4	510.4	615.6	741.5	862.5	910.5	168.7	49.1	482.0
Construction	134.2	124.6	118.8	137.8	156.3	167.7	165.7	132.4	108.5	123.7
Insurance and pension	112.9	131.8	138.2	143.0	165.7	187.5	166.7	166.9	214.6	234.7
Financial	29.3	8.6	3.1	8.2	3.5	4.5	5.5	10.4	9.2	19.6
Charges for the use of intellectual property n.i.e	11.9	20.5	12.5	10.4	12.7	27.7	26.3	20.9	18.6	37.6
Telecommunications, computer, and information	51.6	118.8	133.8	113.0	104.5	167.1	140.5	144.0	175.9	195.5
Other business	79.3	136.7	83.1	69.4	84.5	128.1	131.1	70.8	59.0	88.8
Personal, cultural, and recreational	5.9	6.1	2.2	3.9	4.9	3.4	8.4	2.2	13.5	12.5
Government goods and services, n.i.e.	28.4	29.4	33.5	31.2	30.6	21.8	35.5	23.1	16.0	23.3
TOTAL	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	2,753.6

Source:
ASEAN Secretariat

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

Table 6.9. Indonesia Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	430.1	425.0	355.6	350.5	354.2	381.9	392.2	422.6	526.7	743.0
Maintenance and repair n.i.e.	126.6	100.5	283.5	410.8	169.4	247.5	355.7	367.9	363.6	364.3
Transport	3,610.6	3,791.0	3,456.2	3,571.9	3,472.1	3,592.3	3,953.9	2,442.0	3,283.2	4,713.4
Travel	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	6,718.5
Construction	848.5	711.7	378.7	225.7	369.0	404.8	481.1	364.2	420.2	411.4
Insurance and pension	24.9	25.7	54.2	80.2	82.7	161.3	209.2	285.8	328.2	155.3
Financial	254.1	222.9	247.7	336.0	639.8	659.5	417.7	522.7	759.7	996.6
Charges for the use of intellectual property n.i.e	52.0	59.6	52.1	46.7	49.8	61.2	58.9	83.6	123.6	211.6
Telecommunications, computer, and information	1,040.7	1,139.9	971.1	970.4	996.7	1,225.7	1,320.7	1,275.8	1,717.9	2,380.0
Other business	6,640.5	6,032.5	4,917.4	5,358.5	5,260.9	6,962.6	6,591.6	5,105.2	5,350.0	6,155.7
Personal, cultural, and recreational	187.0	149.7	111.5	88.9	131.1	367.0	218.5	115.8	106.0	156.6
Government goods and services, n.i.e.	610.1	611.4	631.8	678.2	662.6	717.3	730.8	648.6	451.4	369.5
TOTAL	22,944.1	23,530.9	22,220.9	23,323.5	25,327.7	31,206.9	31,641.0	15,016.0	13,951.3	23,375.9

Source:
ASEAN Secretariat

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

Table 6.10. Indonesia Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	374.2	476.5	623.7	764.0	347.8	442.3	536.8	311.5	319.9	592.0
Transport	12,539.0	11,974.5	9,601.8	9,116.2	10,335.9	12,429.9	11,640.4	7,317.2	9,572.7	12,947.7
Travel	7,674.9	7,682.0	7,292.2	7,566.4	8,288.9	10,313.5	11,307.7	1,747.6	471.7	6,287.6
Construction	853.2	660.0	452.5	133.0	186.3	143.3	496.6	408.0	469.7	565.1
Insurance and pension	1,053.7	964.1	942.3	741.5	653.1	727.9	873.4	1,143.2	1,356.3	2,091.7
Financial	707.4	620.8	744.4	913.3	1,081.6	1,118.0	884.1	1,079.5	1,192.8	2,211.7
Charges for the use of intellectual property n.i.e	1,736.4	1,861.9	1,652.7	1,732.4	1,900.6	1,470.1	1,804.7	1,530.1	1,776.6	2,018.7
Telecommunications, computer, and information	1,548.1	1,620.5	1,791.1	2,145.7	2,533.1	2,876.6	3,133.1	3,400.0	4,781.8	5,726.4
Other business	7,671.6	6,972.1	7,587.3	7,194.1	7,207.5	8,032.7	8,424.0	7,706.9	8,464.9	10,824.8
Personal, cultural, and recreational	266.5	244.1	66.8	53.0	56.8	89.1	101.7	70.8	93.2	97.7
Government goods and services, n.i.e.	589.6	464.2	162.8	47.9	115.1	48.7	79.8	56.7	50.1	53.9
TOTAL	35,014.6	33,540.6	30,917.5	30,407.4	32,706.8	37,691.9	39,282.4	24,771.5	28,549.8	43,417.2

Source:
ASEAN Secretariat

Notes:
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⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	70.6	57.3	67.5	81.0	83.2	114.8	167.0	79.8	63.1	99.7
Travel	595.9	641.6	724.2	716.1	648.0	734.4	934.7	213.2	0.0	264.5
Construction	8.6	3.9	5.0	4.4	4.4	36.7	14.9	6.8	9.6	7.5
Insurance and pension	44.1	11.6	10.7	0.9	13.0	3.2	26.6	6.8	9.2	9.9
Financial	1.3	0.8	1.3	1.4	1.8	1.4	1.8	1.8	1.7	1.6
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information	40.1	38.6	34.3	29.8	24.0	24.0	33.4	37.3	41.4	22.4
Other business	-	-	-	-	-	-	-	-	-	-
Personal, cultural, and recreational	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	20.1	10.7	1.1	1.3	6.1	7.0	0.8	0.6	0.4	0.5
TOTAL	780.6	764.4	844.1	834.9	780.5	921.4	1,179.2	346.2	125.3	406.1

Source:
ASEAN Secretariat

Notes:

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⁾, 2013–2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	36.0	34.9	34.9	68.9	86.2	126.8	145.3	116.8	130.4	231.0
Travel	903.9	1,051.1	998.0	911.5	922.0	925.5	1,010.5	251.2	0.0	232.8
Construction	37.2	31.0	4.4	13.3	37.3	32.5	10.8	8.7	52.8	10.4
Insurance and pension	52.9	12.3	15.0	11.4	39.4	35.8	37.8	15.8	17.8	24.8
Financial	0.2	0.3	6.1	0.4	0.5	0.8	6.5	0.5	0.9	0.9
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information	16.6	13.5	15.4	16.9	16.6	15.5	16.8	35.1	36.1	14.9
Other business	-	-	-	-	8.9	10.7	13.7	16.7	14.0	13.3
Personal, cultural, and recreational	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	10.4	6.9	4.7	0.0	5.6	6.6	4.9	0.8	0.1	0.3
TOTAL	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	528.3

Source:
ASEAN Secretariat

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

Table 6.13. Malaysia Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	2,360.3	2,428.1	2,151.4	2,275.8	2,493.6	2,892.8	2,870.4	3,031.2	3,787.6	4,575.0
Maintenance and repair n.i.e.	315.2	368.9	373.8	362.4	421.9	527.4	563.8	439.0	419.6	557.6
Transport	4,665.7	4,771.5	4,190.1	4,158.9	4,477.2	5,086.5	5,240.9	3,279.6	3,974.4	5,819.0
Travel	21,496.4	22,594.8	17,584.2	18,076.1	18,354.8	19,622.4	19,832.1	2,974.4	77.8	6,447.8
Construction	1,028.0	854.3	1,033.8	997.4	952.5	858.2	641.1	771.0	945.6	1,378.0
Insurance and pension	449.2	461.7	374.7	320.3	290.7	313.3	366.3	415.4	488.5	608.5
Financial	317.8	346.3	341.1	492.4	535.2	606.0	631.5	633.2	583.1	573.2
Charges for the use of intellectual property n.i.e	108.7	75.8	89.8	114.6	286.7	266.2	221.8	232.4	292.6	282.4
Telecommunications, computer, and information	2,856.6	2,761.8	2,655.8	2,577.1	2,675.3	2,832.1	2,996.3	3,176.1	3,367.9	3,622.7
Other business	8,215.3	7,016.8	5,571.6	5,751.9	6,007.4	6,657.9	7,076.5	6,487.1	6,523.9	7,142.5
Personal, cultural, and recreational	202.1	283.0	386.3	367.5	469.0	501.1	570.8	598.7	705.6	790.5
Government goods and services, n.i.e.	95.1	84.8	94.4	87.9	93.2	76.7	85.9	78.7	76.8	83.1
TOTAL	42,110.2	42,047.8	34,847.1	35,582.4	37,057.4	40,240.5	41,097.4	22,117.0	21,243.5	31,880.1

Source:
ASEAN Secretariat

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

Table 6.14. Malaysia Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	53.4	45.1	54.1	60.8	78.2	133.3	136.3	194.9	548.5	878.8
Maintenance and repair n.i.e.	329.9	302.2	378.1	405.3	447.1	478.3	574.0	431.9	543.7	697.6
Transport	12,253.7	12,730.6	10,480.0	9,814.3	11,364.3	11,948.2	11,500.1	9,804.7	11,661.6	13,556.6
Travel	12,239.7	12,440.8	10,685.9	10,478.4	10,805.5	12,133.7	12,387.8	4,775.0	3,662.2	6,710.5
Construction	2,570.6	2,650.5	2,701.0	2,946.2	3,904.7	2,878.7	1,347.9	909.5	1,066.3	1,086.1
Insurance and pension	2,764.8	2,764.1	2,361.4	2,235.0	2,280.6	2,449.3	2,350.5	2,230.1	2,510.8	2,765.1
Financial	454.9	414.3	430.5	526.1	551.1	641.3	667.5	604.5	604.3	589.2
Charges for the use of intellectual property n.i.e	1,394.9	1,423.6	1,288.7	1,348.1	1,824.8	2,009.0	2,220.8	2,386.7	2,581.5	2,677.2
Telecommunications, computer, and information	3,194.2	3,139.6	3,266.3	3,242.8	3,034.8	3,261.6	3,534.8	3,983.0	4,283.4	4,151.6
Other business	8,854.1	8,244.9	7,420.1	8,067.1	6,859.5	7,563.6	7,940.0	7,080.9	8,498.5	10,462.3
Personal, cultural, and recreational	880.0	971.9	815.0	770.6	803.1	819.6	805.6	710.9	828.9	888.6
Government goods and services, n.i.e.	164.4	191.3	248.7	248.3	418.3	264.4	257.7	224.8	294.9	234.2
TOTAL	45,154.6	45,319.0	40,129.8	40,143.0	42,372.2	44,581.2	43,723.0	33,336.8	37,084.6	44,697.7

Source:
ASEAN Secretariat

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

Table 6.15. Myanmar Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	1,105.3	118.9	148.5	253.9	427.6	1,208.8	1,711.6	1,470.3	1,317.9	1,657.4
Maintenance and repair n.i.e.	-	57.4	141.7	175.5	24.7	22.8	42.3	48.0	8.9	4.6
Transport	233.6	411.8	356.6	285.4	139.5	342.0	379.4	374.3	228.3	231.8
Travel	962.8	1,613.3	2,122.5	2,197.2	1,968.9	1,651.5	2,477.1	544.6	30.2	249.1
Construction	-	131.8	82.6	63.7	207.5	148.0	135.0	258.9	49.4	54.7
Insurance and pension	0.0	-	-	-	-	-	-	-	-	-
Financial	-	6.0	6.3	26.8	15.5	7.2	10.9	18.6	5.6	1.6
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	1.9
Telecommunications, computer, and information	80.5	188.9	351.2	219.7	112.7	65.7	149.4	68.8	51.1	148.7
Other business	310.3	501.8	392.7	392.6	800.5	937.6	1,471.1	1,338.4	458.7	262.4
Personal, cultural, and recreational	-	23.6	71.7	71.4	28.1	35.4	45.7	61.9	12.5	7.7
Government goods and services, n.i.e.	67.6	35.5	57.9	87.6	90.4	232.0	223.5	141.1	106.1	208.2
TOTAL	2,760.1	3,113.8	3,753.4	3,785.1	3,817.8	4,653.5	6,662.8	4,336.0	2,271.7	2,828.1

Source:
ASEAN Secretariat

Notes:

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

Table 6.16. Myanmar Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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	2.0
Maintenance and repair n.i.e.	-	24.5	42.5	70.9	64.9	61.1	114.9	63.6	21.2	13.7
Transport	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	1,434.0
Travel	115.0	37.4	25.3	36.6	105.0	88.7	185.5	127.6	80.4	113.1
Construction	-	92.6	38.6	23.5	113.3	252.0	125.7	73.3	35.9	14.3
Insurance and pension	104.1	40.0	42.2	40.3	52.1	53.2	52.1	59.3	43.9	49.7
Financial	-	0.3	0.4	6.5	3.8	2.8	7.8	16.8	5.8	9.1
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	20.2
Telecommunications, computer, and information	7.7	75.7	187.9	200.6	162.7	181.8	260.6	182.0	92.0	106.2
Other business	364.3	184.0	269.5	318.6	795.3	1,106.7	1,137.0	1,142.3	502.0	337.5
Personal, cultural, and recreational	0.1	7.4	16.7	13.3	24.0	40.7	54.6	37.3	11.1	6.2
Government goods and services, n.i.e.	25.2	7.8	2.3	17.8	19.7	83.5	81.4	48.4	37.5	29.2
TOTAL	2,197.7	2,197.9	2,398.0	2,515.0	2,880.8	3,457.1	3,653.8	3,257.2	2,001.4	2,135.2

Source:
ASEAN Secretariat

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

Table 6.17. Phillipines Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	2,725.0	3,453.3	4,140.3	4,338.7	4,151.8	5,032.9	5,379.3
Maintenance and repair n.i.e.	67.6	92.4	77.1	82.6	80.3	82.5	110.2	58.7	42.5	111.5
Transport	1,636.7	1,874.7	1,933.5	1,896.8	2,484.8	2,702.8	2,883.3	1,668.9	1,567.8	2,694.4
Travel	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	4,173.8
Construction	88.5	60.6	59.6	71.3	57.3	61.0	65.8	85.4	88.2	73.6
Insurance and pension	100.7	129.0	118.6	76.7	85.3	86.3	90.1	75.3	100.9	99.3
Financial	84.7	189.9	414.2	394.2	237.3	279.1	233.6	90.1	193.6	248.5
Charges for the use of intellectual property n.i.e	3.0	9.8	11.2	9.5	16.9	44.1	27.9	15.3	33.3	12.3
Telecommunications, computer, and information	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	6,673.1
Other business	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	21,456.1
Personal, cultural, and recreational	106.9	151.5	149.2	169.1	190.8	149.0	160.6	136.3	111.7	127.0
Government goods and services, n.i.e.	13.9	14.6	17.7	17.4	19.1	18.8	19.1	21.8	21.9	21.0
TOTAL	23,335.2	25,498.1	29,065.0	31,203.6	34,831.6	38,396.8	41,264.0	31,822.2	33,570.0	41,070.1

Source:
ASEAN Secretariat

Notes:

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

Table 6.18. Philippines Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	256.3	91.2	83.2	111.7	131.8	136.5	171.1	69.8	50.0	181.2
Transport	3,418.6	3,869.4	3,855.8	4,338.1	5,017.6	5,355.8	5,163.7	4,194.0	5,060.4	6,682.2
Travel	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	4,917.7
Construction	77.2	70.0	42.4	59.8	63.4	73.4	70.8	96.5	47.4	57.3
Insurance and pension	805.2	814.9	897.1	1,345.2	1,502.0	1,465.0	1,643.7	1,388.9	1,849.8	1,994.1
Financial	301.8	367.0	450.7	558.5	505.7	566.5	772.2	543.2	404.9	1,179.2
Charges for the use of intellectual property n.i.e	529.4	547.0	612.6	546.4	751.4	917.0	832.7	519.3	622.9	550.9
Telecommunications, computer, and information	526.6	634.1	772.9	671.5	851.8	991.3	1,332.2	1,515.4	2,120.7	2,081.8
Other business	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	7,268.1
Personal, cultural, and recreational	43.6	54.5	187.3	126.1	187.7	274.4	186.6	154.3	214.5	154.6
Government goods and services, n.i.e.	262.1	314.7	254.8	356.8	293.7	518.1	538.8	403.0	407.0	371.6
TOTAL	16,320.4	20,921.6	23,610.2	24,160.5	26,138.5	26,789.0	28,224.7	17,955.8	19,531.2	25,438.7

Source:
ASEAN Secretariat

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

Table 6.19. Singapore Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	226.3	334.9	252.0	206.2	176.1	268.8	186.0	159.9	219.5	226.8
Maintenance and repair n.i.e.	8,604.8	7,776.1	6,775.7	6,180.0	5,950.8	7,478.9	7,734.0	6,521.4	6,780.6	7,754.2
Transport	46,216.7	50,445.0	46,622.9	41,513.3	48,620.2	61,747.6	64,230.7	65,071.8	92,175.7	101,534.5
Travel	19,230.6	19,159.8	16,617.3	18,974.2	19,917.5	20,406.7	20,299.7	5,356.9	4,107.8	11,791.5
Construction	1,706.7	1,163.6	852.6	986.8	732.6	1,193.8	1,245.9	880.8	835.4	836.5
Insurance and pension	2,904.6	3,347.4	3,864.3	4,398.7	4,860.0	7,030.5	6,437.0	6,116.7	6,897.8	7,404.3
Financial	18,869.3	21,043.7	21,006.5	21,903.8	26,994.3	31,627.4	33,658.7	36,095.6	39,131.8	39,786.1
Charges for the use of intellectual property n.i.e	3,414.4	3,909.3	8,651.5	7,046.1	8,008.3	8,778.7	8,692.3	8,781.2	11,076.0	12,339.7
Telecommunications, computer, and information	7,633.9	7,966.7	8,873.3	12,141.2	13,245.0	15,241.3	14,742.9	19,568.5	23,240.5	23,183.8
Other business	32,398.9	37,680.0	38,777.2	37,981.0	42,539.1	52,579.6	61,437.9	64,583.0	79,091.5	83,457.0
Personal, cultural, and recreational	508.7	632.5	620.3	544.6	488.4	794.2	812.8	742.7	2,558.7	2,570.8
Government goods and services, n.i.e.	312.9	312.0	288.8	293.0	296.2	306.5	307.3	298.7	314.0	321.2
TOTAL	142,027.7	153,771.0	153,202.4	152,168.7	171,828.5	207,454.1	219,785.1	214,177.1	266,429.2	291,206.3

Source:
ASEAN Secretariat

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

Table 6.20. Singapore Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	5,195.0	6,192.7	6,067.2	5,566.2	5,935.3	5,616.3	5,811.7	6,612.2	7,367.4	7,930.7
Maintenance and repair n.i.e.	675.5	695.1	676.0	668.9	595.1	734.9	871.9	722.2	727.5	719.5
Transport	39,383.6	45,633.6	47,724.5	43,510.2	50,976.7	63,002.0	64,686.4	73,701.2	88,247.8	92,112.7
Travel	24,406.9	25,545.5	23,657.9	23,933.0	24,848.4	26,490.8	27,047.4	7,092.5	4,137.4	15,285.3
Construction	543.3	392.7	339.6	372.1	372.6	551.5	468.6	485.5	581.5	590.5
Insurance and pension	3,402.3	2,848.6	3,183.5	4,366.7	4,018.8	4,924.0	5,502.9	6,587.6	5,879.1	5,957.6
Financial	3,713.9	4,342.2	4,505.4	4,606.1	5,570.3	6,562.6	7,191.3	9,764.0	11,560.5	11,246.4
Charges for the use of intellectual property n.i.e	22,992.0	20,876.7	19,400.6	15,667.2	15,813.2	17,245.8	15,161.0	14,888.6	16,318.8	15,804.1
Telecommunications, computer, and information	9,424.3	16,029.7	10,861.4	12,774.7	15,070.4	14,686.5	16,821.3	22,900.7	26,929.9	26,850.2
Other business	39,280.0	43,379.1	44,581.7	46,359.4	57,434.2	59,987.5	61,950.7	68,173.7	79,795.5	80,847.8
Personal, cultural, and recreational	466.8	493.5	498.4	392.5	423.3	670.4	756.6	744.1	964.2	990.4
Government goods and services, n.i.e.	229.4	232.9	199.8	224.6	212.5	230.6	231.3	209.5	223.1	235.6
TOTAL	149,712.9	166,662.1	161,696.0	158,441.7	181,270.9	200,702.9	206,501.2	211,881.6	242,732.9	258,570.7

Source:
ASEAN Secretariat

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

Table 6.21. Thailand Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	6,144.1	5,723.3	5,743.5	5,724.1	6,873.9	7,694.3	7,196.1	3,334.9	4,321.9	6,584.9
Travel	37,807.3	34,822.2	41,245.7	44,785.9	52,376.0	56,366.0	59,810.3	13,402.5	5,133.9	14,873.9
Construction	817.2	612.8	533.0	462.7	358.1	286.5	243.2	178.1	191.4	224.5
Insurance and pension	230.8	81.6	57.9	68.2	81.4	124.9	181.7	146.9	212.6	215.4
Financial	740.6	537.7	580.2	724.0	752.3	782.4	721.8	744.2	711.2	747.9
Charges for the use of intellectual property n.i.e	62.0	56.7	84.7	69.1	101.5	163.0	197.5	225.3	275.5	264.8
Telecommunications, computer, and information	538.8	527.9	495.6	522.9	450.1	602.5	585.9	481.7	328.6	393.3
Other business	7,995.7	9,163.5	8,919.8	11,078.5	9,605.0	11,043.6	11,682.1	11,980.6	13,611.0	15,120.5
Personal, cultural, and recreational	76.9	61.1	58.1	60.1	68.3	88.8	165.7	220.3	295.2	121.8
Government goods and services, n.i.e.	390.7	353.3	363.8	290.9	297.6	321.7	393.1	282.6	326.0	354.1
TOTAL	54,804.1	51,940.2	58,082.1	63,786.4	70,964.2	77,473.6	81,177.5	30,997.2	25,407.4	38,901.0

Source:
ASEAN Secretariat

Notes:

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

Table 6.22. Thailand Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	21,347.6	19,063.9	15,662.3	15,063.1	16,829.4	18,934.8	18,891.4	17,997.4	27,493.7	27,626.5
Travel	6,481.4	7,070.6	7,718.2	9,072.2	10,504.0	12,083.3	12,355.0	4,390.7	3,458.7	6,974.1
Construction	709.2	762.6	850.0	517.7	279.0	265.6	415.0	903.9	496.7	458.5
Insurance and pension	2,035.4	1,818.1	1,571.9	1,441.2	1,816.6	2,299.7	2,293.1	2,168.0	2,234.2	2,279.6
Financial	794.9	705.4	690.3	647.8	985.5	1,037.5	1,268.9	1,223.6	1,287.6	1,588.9
Charges for the use of intellectual property n.i.e	4,593.4	3,970.8	4,121.5	3,979.5	4,280.8	5,274.4	5,311.9	4,503.7	5,581.1	5,530.4
Telecommunications, computer, and information	599.5	679.3	612.3	555.2	568.4	646.3	934.8	914.5	1,210.7	1,039.8
Other business	10,527.9	10,844.0	10,952.2	11,887.2	11,089.5	14,082.8	15,043.9	12,898.9	15,374.4	16,701.8
Personal, cultural, and recreational	20.8	19.3	29.4	29.8	31.8	37.2	49.2	170.3	508.2	417.9
Government goods and services, n.i.e.	292.7	313.2	310.3	317.9	283.5	277.7	291.4	295.1	259.4	241.5
TOTAL	47,402.8	45,247.3	42,518.3	43,511.4	46,668.3	54,939.1	56,854.6	45,466.1	57,904.7	62,859.0

Source:
ASEAN Secretariat

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

Table 6.23. Viet Nam Exports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	8,550.7	7,948.6	8,980.0	9,904.0	16,466.3	17,723.0	20,778.8
Maintenance and repair n.i.e.	7.9	8.3	20.0	20.1	23.1	36.0	36.1	99.0	32.0	32.0
Transport	2,255.1	2,406.0	2,445.0	2,462.7	2,820.7	4,384.6	4,495.3	3,468.1	3,751.5	5,709.6
Travel	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	3,203.0
Construction	126.5	144.5	148.6	164.9	175.7	213.3	235.3	69.0	60.6	100.8
Insurance and pension	60.0	58.0	55.0	56.0	57.0	63.0	84.0	70.0	69.0	78.0
Financial	183.0	175.0	107.0	115.0	115.0	208.0	220.0	87.0	111.0	178.0
Charges for the use of intellectual property n.i.e	3.0	3.0	3.5	3.8	4.0	4.5	5.0	18.0	139.0	231.2
Telecommunications, computer, and information	466.9	435.6	561.7	606.1	618.9	719.8	879.0	876.8	1,286.0	1,676.4
Other business	226.6	265.6	1,739.2	1,873.3	2,001.3	2,167.8	2,445.3	1,734.0	1,974.9	2,122.0
Personal, cultural, and recreational	6.0	7.0	8.0	9.0	10.0	12.0	13.0	12.0	9.0	15.0
Government goods and services, n.i.e.	125.0	137.0	142.0	150.0	162.0	171.0	179.0	177.0	175.0	180.0
TOTAL	10,710.0	11,050.0	12,580.0	22,511.7	22,826.3	27,040.0	30,326.0	26,309.3	25,480.0	34,304.8

Source:
ASEAN Secretariat

Notes:
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⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	-	-	-	8.2	23.9	26.0	27.0	23.3	45.0	49.0
Maintenance and repair n.i.e.	104.0	96.2	100.1	145.3	117.9	218.0	196.0	1,058.3	258.0	50.3
Transport	7,390.0	7,784.0	7,975.2	7,938.3	7,310.4	7,321.1	8,658.0	8,024.3	11,595.9	12,570.7
Travel	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	6,670.0
Construction	303.3	347.6	374.2	398.7	418.5	455.8	472.9	180.0	126.0	147.4
Insurance and pension	911.0	1,020.0	1,015.0	800.0	670.0	580.0	460.0	918.0	882.0	952.0
Financial	460.0	185.0	219.0	140.0	219.0	191.0	309.0	176.0	109.0	292.0
Charges for the use of intellectual property n.i.e	556.0	570.0	608.0	550.0	555.0	606.0	630.0	1,143.0	1,502.0	1,757.7
Telecommunications, computer, and information	227.9	257.2	340.0	357.7	367.3	389.0	427.9	650.9	764.6	943.6
Other business	1,624.8	1,885.0	2,265.5	2,757.0	3,769.9	4,453.1	3,525.2	3,057.5	3,584.5	3,447.7
Personal, cultural, and recreational	8.0	10.0	11.0	11.0	10.0	11.0	11.0	297.0	338.0	395.5
Government goods and services, n.i.e.	185.0	195.0	200.0	202.0	206.0	213.0	218.0	192.0	192.0	202.0
TOTAL	13,820.0	15,000.0	16,703.0	17,808.2	18,707.9	20,374.0	21,395.0	20,330.3	23,227.0	27,478.0

Source:
ASEAN Secretariat

Notes:
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⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	165.1	177.7	114.2	1,257.4	1,025.5	2,259.9	2,421.0	3,168.0	3,718.3	4,862.1
Maintenance and repair n.i.e.	889.6	789.8	856.2	858.0	517.8	573.1	1,011.4	704.6	517.6	907.1
Transport	9,513.4	8,588.7	7,961.3	7,697.0	7,697.2	10,204.7	10,486.7	7,826.0	9,707.9	12,199.2
Travel	29,901.1	29,958.9	26,763.1	28,971.4	29,988.1	31,008.5	31,147.6	6,783.2	1,431.9	11,727.9
Construction	1,320.2	1,236.6	1,344.1	1,020.1	986.7	1,296.7	1,460.9	1,261.0	933.4	1,364.0
Insurance and pension	1,020.3	1,340.8	1,426.3	1,493.1	1,591.3	1,885.2	1,824.2	1,415.6	1,604.1	2,029.1
Financial	1,481.5	1,410.6	1,498.4	1,708.0	2,195.4	2,787.5	2,716.9	2,816.2	2,927.4	3,691.1
Charges for the use of intellectual property n.i.e	591.1	620.3	556.8	501.7	664.0	989.5	1,133.8	963.4	1,182.8	1,356.4
Telecommunications, computer, and information	2,501.1	2,726.8	2,926.9	3,123.6	3,494.3	3,850.7	4,372.5	4,760.7	6,255.6	6,416.0
Other business	9,363.2	9,686.2	9,232.6	10,769.3	11,968.3	13,856.1	15,363.6	14,691.8	16,981.7	19,542.1
Personal, cultural, and recreational	181.9	234.9	282.9	335.1	289.0	329.5	462.0	576.7	1,258.4	824.2
Government goods and services, n.i.e.	333.5	188.1	220.2	137.5	202.4	120.3	144.3	113.5	68.0	150.5
TOTAL	57,262.3	56,959.2	53,183.1	57,872.2	60,620.2	69,161.7	72,544.8	45,080.6	46,587.3	65,069.9

Source:
ASEAN Secretariat

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

Table 6.26. Intra-ASEAN Imports of Services¹⁾, 2013-2022

(in million US\$)

Service Heading	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Manufacturing services on physical inputs owned by others	676.4	733.8	847.8	1,018.9	1,144.9	1,166.3	1,195.8	1,417.8	1,520.0	1,694.3
Maintenance and repair n.i.e.	336.1	294.1	379.4	362.2	295.1	328.1	402.5	455.0	416.0	570.8
Transport	11,777.2	12,232.0	11,202.2	10,176.2	11,458.5	13,843.2	12,127.8	12,612.5	14,896.9	18,377.7
Travel	25,533.8	26,103.3	23,424.6	21,739.5	23,069.8	23,800.2	23,830.7	4,460.5	2,459.5	7,840.3
Construction	1,224.9	1,043.4	929.9	791.8	502.9	949.7	1,108.0	1,236.6	1,191.4	1,180.8
Insurance and pension	1,888.8	1,618.8	1,783.0	1,588.6	1,908.2	2,050.6	2,450.2	2,300.2	2,679.7	3,552.4
Financial	620.4	459.1	607.9	680.4	720.1	881.8	1,292.0	912.4	1,195.1	1,711.5
Charges for the use of intellectual property n.i.e	709.5	715.5	785.7	809.7	715.6	1,147.6	1,222.3	1,004.6	1,332.0	1,748.3
Telecommunications, computer, and information	2,843.2	2,642.4	2,851.3	2,823.6	3,096.4	3,595.1	3,812.8	4,260.9	5,072.6	5,646.4
Other business	10,828.0	10,354.5	10,427.0	11,321.2	11,678.2	12,886.8	13,397.4	12,847.3	14,199.5	16,749.0
Personal, cultural, and recreational	265.6	309.7	249.7	207.8	350.8	484.0	399.5	328.6	337.4	388.8
Government goods and services, n.i.e.	151.7	206.8	119.3	207.8	257.0	258.4	285.1	209.6	164.4	182.1
TOTAL	56,855.6	56,713.5	53,607.8	51,727.6	55,197.5	61,391.9	61,524.1	42,046.0	45,464.6	59,642.5

Source:
ASEAN Secretariat

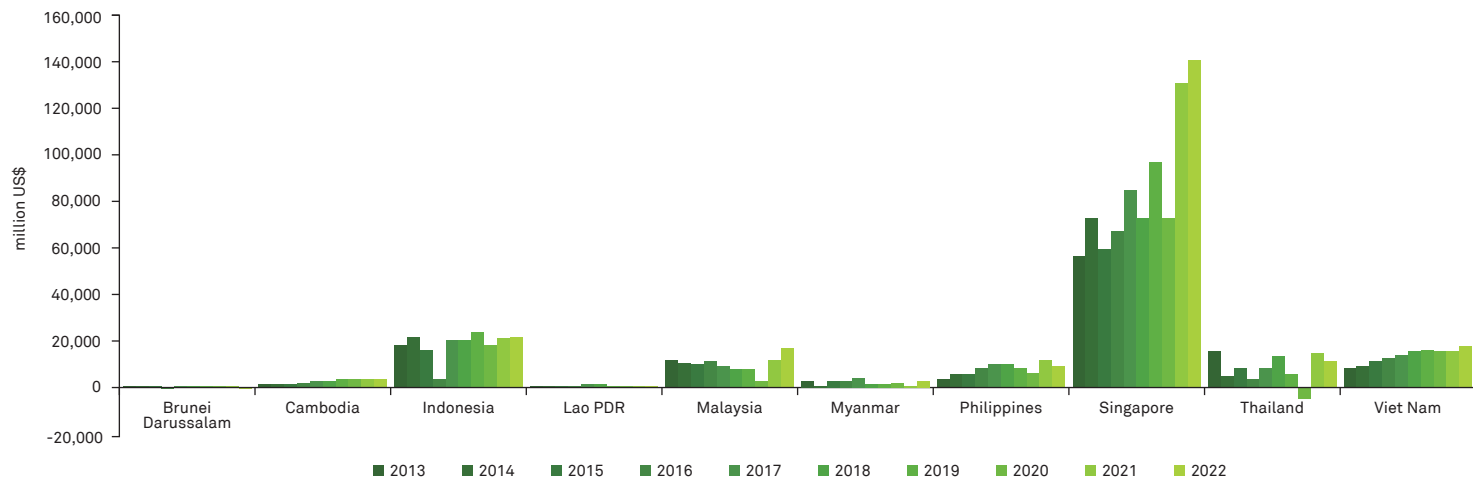
Note:
1) Based on IMF Balance of Payments Manual, 6th Edition

Chapter 7

FOREIGN DIRECT INVESTMENT (FDI)

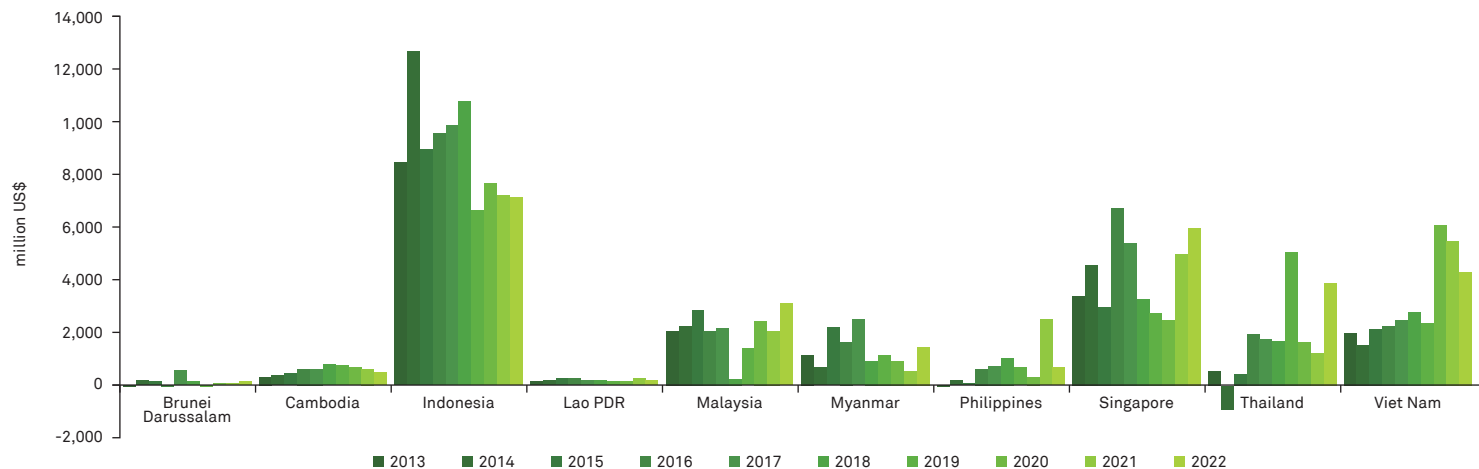


Chart 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2013-2022



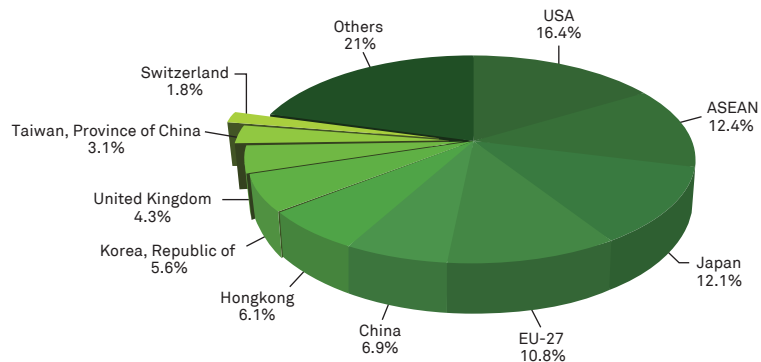
Source:
ASEAN Secretariat

Chart 7.2. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2013-2022



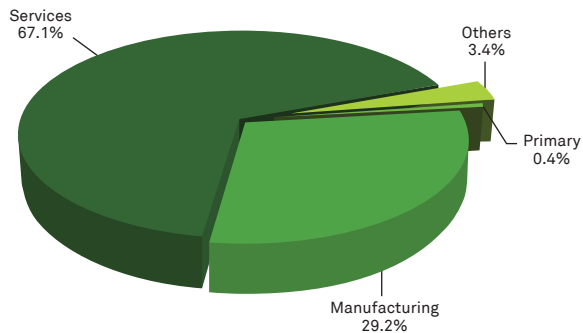
Source:
ASEAN Secretariat

Chart 7.3. ASEAN Top Ten Foreign Direct Investment (FDI) by Source Country, 2022



Source:
ASEAN Secretariat

Chart 7.4. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Industry, 2022



Source:
ASEAN Secretariat

Table 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Host Country, 2013-2022

(in million US\$)

Host Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Brunei Darussalam	725.5	568.2	171.3	-150.4	460.1	517.3	374.6	577.4	204.8	-284.4
Cambodia	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	3,578.8
Indonesia	18,443.8	21,810.4	16,642.1	3,920.7	20,579.2	20,563.5	23,883.3	18,591.0	21,131.1	22,115.9
Lao PDR	426.7	913.2	1,079.2	1,075.7	1,695.4	1,358.0	755.5	967.7	1,071.9	635.8
Malaysia	12,107.1	10,875.3	10,180.0	11,290.3	9,295.8	7,611.3	7,859.7	3,185.3	12,144.2	17,095.8
Myanmar	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	2,980.9
Philippines	3,859.8	5,814.6	5,639.2	8,279.5	10,256.4	9,948.6	8,671.4	6,822.1	11,983.4	9,366.0
Singapore	56,670.9	73,284.5	59,702.3	67,504.5	85,383.1	73,546.7	97,480.4	72,931.6	131,100.9	141,187.2
Thailand	15,936.0	4,975.5	8,927.7	3,486.3	8,285.2	13,751.8	5,518.7	(4,951.0)	15,158.8	11,218.0
Viet Nam	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	17,899.9
ASEAN	120,965.5	130,114.5	118,667.2	113,471.9	156,845.7	147,619.5	166,056.5	119,754.3	212,943.5	225,794.0

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.2. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2013–2022

(in million US\$)

Source Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
ASEAN ²⁾	18,464.2	22,180.9	20,819.3	26,358.2	26,976.7	22,402.8	21,348.4	22,926.2	25,584.8	28,081.2
REST OF THE WORLD	102,501.3	107,933.6	97,847.9	87,113.7	129,869.0	125,216.6	144,708.1	96,828.2	187,358.7	197,712.8
Australia	2,165.5	4,032.1	1,407.2	960.7	-1,573.2	2,727.1	570.5	396.8	-328.2	2,028.4
Canada	790.0	2,239.7	1,179.7	1,910.3	1,472.1	605.1	5,012.6	3,122.5	3,198.6	3,623.4
China	6,165.2	6,811.7	6,571.8	8,165.8	16,801.7	12,863.6	9,035.7	7,363.3	16,866.2	15,539.0
EU-27	10,715.9	21,877.5	17,011.6	22,751.1	13,156.3	18,884.7	260.7	9,257.2	27,898.6	24,376.3
India	1,731.2	1,163.5	1,473.4	1,470.9	777.9	314.4	1,543.6	2,017.5	1,287.8	677.5
Japan	24,608.6	13,436.1	12,962.3	15,585.2	16,018.3	30,470.9	22,718.3	13,850.3	21,106.0	27,215.0
Korea, Republic of	4,302.7	5,257.2	5,608.8	6,990.9	6,289.6	5,737.1	7,653.0	6,035.8	10,127.4	12,546.9
New Zealand	270.0	496.3	-58.3	335.0	155.6	-259.7	185.2	20.7	-275.4	-27.5
Russian Federation	608.0	-113.5	-24.4	63.4	47.8	61.5	88.1	78.0	27.2	166.2
United Kingdom	5,002.5	7,065.8	3,361.5	6,099.9	2,431.0	5,335.9	6,119.5	-1,846.1	-3,005.0	9,800.9
USA	11,457.9	21,141.3	22,912.5	13,415.9	29,134.9	-28,287.0	42,891.8	24,070.2	35,520.7	36,918.1
Others ³⁾	46,141.7	45,667.3	48,354.3	22,780.5	74,292.0	48,476.1	91,521.0	56,532.2	110,455.4	101,766.6
Total	120,965.5	130,114.5	118,667.2	113,471.9	156,845.7	147,619.5	166,056.5	119,754.3	212,943.5	225,794.0

Source:
ASEAN Secretariat

Notes:

- 1) Data for 2022 are preliminary figures
- 2) Excludes reinvestment of earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2013) is estimated by the ASEAN Secretariat
- 3) Includes unspecified country source for reinvestment of earnings in the Philippines and estimated extra-ASEAN for Lao PDR (2013)

Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2013-2022

(in million US\$)

Host Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Brunei Darussalam	-58.0	141.2	86.7	-64.7	535.3	82.8	-17.9	4.0	43.8	82.6
Cambodia	298.8	372.5	425.4	625.7	603.5	788.7	707.5	640.3	630.2	489.8
Indonesia	8,721.1	13,083.7	9,228.6	9,907.5	10,189.7	11,157.0	6,880.5	7,928.0	7,404.0	7,340.8
Lao PDR	104.6	137.9	221.8	196.6	171.2	147.2	72.4	79.9	223.7	161.2
Malaysia	2,150.0	2,284.0	2,931.4	2,098.7	2,219.2	256.1	1,417.5	2,499.6	2,123.7	3,202.0
Myanmar	1,186.8	683.6	2,230.6	1,682.9	2,590.4	910.8	1,171.3	948.8	527.6	1,495.1
Philippines	-41.7	137.1	57.3	608.3	725.5	1,070.2	662.2	295.7	2,582.0	651.7
Singapore	3,495.7	4,734.5	3,050.4	6,993.1	5,596.7	3,401.0	2,803.0	2,589.8	5,130.7	6,171.3
Thailand	528.2	-940.7	433.6	2,003.4	1,814.0	1,737.7	5,210.6	1,661.7	1,246.6	4,009.3
Viet Nam	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	4,477.5
ASEAN²⁾	18,464.2	22,180.9	20,819.3	26,358.2	26,976.7	22,402.8	21,348.4	22,926.2	25,584.8	28,081.2

Source:
ASEAN Secretariat

Notes:

1) Data for 2022 are preliminary figures

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

Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2013-2022

(in million US\$)

Host Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Brunei Darussalam	225.4	-593.1	52.5	222.9	38.5	-58.7	50.0	-96.4	-13.0	9.9
Cambodia	-1.6	20.4	47.1	-7.4	20.4	44.0	48.4	51.0	30.9	66.4
Indonesia	2,314.1	1,173.4	838.1	2,143.4	2,110.6	-136.0	56.0	-1,477.7	877.8	1,259.0
Lao PDR	1.1	1.8	2.2	23.9	6.7	28.7	8.9	2.2	13.7	10.7
Malaysia	1,385.3	1,647.1	3,743.6	4,736.4	4,405.2	3,069.1	1,504.7	4,161.6	3,545.2	3,538.2
Myanmar	95.8	101.0	29.5	84.9	35.1	-74.2	-29.9	-35.7	-17.0	-14.6
Philippines	(321.9)	334.1	905.0	362.2	375.9	1,391.6	229.0	52.9	1,197.2	324.2
Singapore	13,267.9	15,721.2	13,702.2	15,465.7	17,486.6	15,920.8	15,733.5	12,911.1	16,398.8	18,027.8
Thailand	1,022.1	3,598.5	1,084.7	3,143.2	2,053.7	1,736.8	3,189.5	6,474.3	2,820.8	4,459.2
Viet Nam	338.5	304.0	399.3	147.3	410.6	431.3	488.2	767.0	548.7	352.0
Unspecified	137.5	-127.7	15.1	35.9	33.4	49.7	70.2	115.8	181.8	48.3
ASEAN²⁾	18,464.2	22,180.9	20,819.3	26,358.2	26,976.7	22,402.8	21,348.4	22,926.2	25,584.8	28,081.2

Source:
ASEAN Secretariat

Notes:

1) Data for 2022 are preliminary figures

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

Table 7.5. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2020-2022

2020		
Country/Region	Value (million US\$)	Share (%)
USA	24,070.2	20.1
ASEAN	22,926.2	19.1
Japan	13,850.3	11.6
EU-27	9,257.2	7.7
China	7,363.3	6.1
Hong Kong	6,945.0	5.8
Korea, Republic of	6,035.8	5.0
Taiwan, Province of China	5,545.2	4.6
Canada	3,122.5	2.6
India	2,017.5	1.7
Top Ten Countries	101,133.2	84.5
Others	18,621.1	15.5
TOTAL	119,754.3	100.0

Source:
ASEAN Secretariat

2021		
Country/Region	Value (million US\$)	Share (%)
USA	35,520.7	16.7
EU-27	27,898.6	13.1
ASEAN	25,584.8	12.0
Japan	21,106.0	9.9
China	16,866.2	7.9
Switzerland	13,196.9	6.2
Korea, Republic of	10,127.4	4.8
Hong Kong	9,421.3	4.4
Taiwan, Province of China	6,979.6	3.3
Canada	3,198.6	1.5
Top Ten Countries	169,900.1	79.8
Others	43,043.4	20.2
TOTAL	212,943.5	100.0

Note:
1) Data for 2022 are preliminary figures

2022 ¹⁾		
Country/Region	Value (million US\$)	Share (%)
USA	36,918.1	16.4
ASEAN	28,081.2	12.4
Japan	27,215.0	12.1
EU-27	24,376.3	10.8
China	15,539.0	6.9
Hong Kong	13,867.7	6.1
Korea, Republic of	12,546.9	5.6
United Kingdom	9,800.9	4.3
Taiwan, Province of China	6,891.9	3.1
Switzerland	3,968.3	1.8
Top Ten Countries	179,205.3	79.4
Others	46,588.8	20.6
TOTAL	225,794.0	100.0

Table 7.6. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	2,330.2	4,716.7	5,389.0	2,683.3	4,275.5	3,731.9	2,454.2	334.4	586.9	-52.6
Mining and quarrying	8,103.6	7,492.0	6,542.0	3,921.4	2,253.2	-6,926.4	2,082.1	1,881.4	3,909.7	877.9
Manufacturing	39,905.2	26,887.9	28,490.8	23,155.5	31,587.9	60,858.6	50,981.7	11,213.5	55,409.5	65,883.9
Electricity, gas, steam and air conditioning supply	1,193.8	406.3	2,039.9	1,047.3	7,320.0	1,399.5	1,535.0	3,941.3	6,397.6	2,528.4
Water supply; sewerage, waste management and remediation activities	597.9	89.3	-40.2	397.5	544.8	159.4	572.0	343.7	359.2	272.0
Construction	836.3	1,053.2	249.4	1,321.9	2,226.3	3,568.0	2,810.9	13.1	968.0	1,353.8
Wholesale and retail trade; repair of motor vehicles and motor cycles	17,384.3	21,912.9	10,603.6	17,778.7	15,505.0	13,525.1	17,366.0	23,443.6	27,632.9	33,371.9
Transportation and storage	2,612.4	-717.1	4,327.4	288.0	952.2	2,182.7	1,068.7	9,081.0	26,467.4	22,098.7
Accommodation and food service activities	21.2	229.6	238.0	1,366.3	250.0	674.3	82.0	1,202.0	443.9	597.8
Information and communication	1,827.0	2,396.3	3,510.0	2,513.9	7,491.9	6,488.7	-1,564.9	1,226.0	5,957.7	10,546.0
Financial and Insurance activities	22,078.1	44,395.8	32,141.4	35,434.3	55,165.2	30,720.4	44,656.7	49,797.0	60,977.9	63,280.3
Real estate activities	9,312.1	9,699.3	8,865.5	10,324.9	13,304.0	11,194.7	9,756.4	9,134.0	8,777.8	10,270.7
Professional, scientific and technical activities	421.1	2,047.8	12,171.2	4,528.0	5,233.4	5,588.2	23,428.4	2,970.3	2,067.4	7,141.0
Administrative and support service activities	62.2	200.6	298.2	249.0	220.0	602.8	193.2	449.8	38.3	292.6
Public administration and defence; compulsory social security	0.0	0.0	0.0	24.8	34.2	10.8	11.4	-54.8	-26.3	-223.4
Education	65.8	53.0	1.4	65.2	96.5	51.3	303.1	134.5	251.6	166.7
Human health and social work activities	131.1	206.3	127.0	-105.2	331.3	815.1	2,320.3	-1.9	685.0	148.7
Arts, entertainment and recreation	221.2	-35.3	-14.9	727.2	46.9	670.0	58.3	-29.8	-35.9	-51.0
Other services activities	10,210.5	4,864.5	-234.5	2,012.8	3,097.8	4,699.7	1,558.8	-443.7	3,464.4	-315.9
Others	3,651.5	4,215.2	3,961.8	5,736.9	6,909.5	7,604.4	6,382.2	5,118.8	8,610.4	7,606.5
Total	120,965.5	130,114.5	118,667.2	113,471.9	156,845.7	147,619.5	166,056.5	119,754.3	212,943.5	225,794.0

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.7. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Australia by Industry, 2013-2022

(in million US\$)										
Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	3.1	10.2	2.6	0.9	3.5	-0.2	0.4	0.7	0.7	0.3
Mining and quarrying	193.5	216.6	34.4	-115.9	194.6	-28.7	82.6	96.6	64.9	103.6
Manufacturing	516.6	-84.0	64.2	315.7	-247.4	985.3	-936.3	-613.1	317.9	1,095.5
Electricity, gas, steam and air conditioning supply	4.9	0.5	13.0	2.1	14.1	11.8	3.3	7.9	8.4	10.3
Water supply; sewerage, waste management and remediation activities	0.1	0.2	0.1	4.9	0.8	2.0	1.5	0.4	1.2	0.7
Construction	144.4	18.9	-110.7	69.2	-41.7	25.3	-20.2	-2.7	-9.6	-20.3
Wholesale and retail trade; repair of motor vehicles and motor cycles	85.4	295.0	3,322.9	-172.4	447.4	585.8	240.5	-197.8	-469.2	-107.7
Transportation and storage	112.1	206.9	-77.3	-50.6	115.9	171.6	5.0	379.4	-60.7	158.5
Accommodation and food service activities	2.7	1.4	1.3	8.5	-0.3	4.0	6.0	-1.2	-1.3	-8.8
Information and communication	12.4	-71.7	55.6	119.1	8.2	125.8	-16.0	134.2	7.2	-28.7
Financial and Insurance activities	862.5	3,836.9	197.1	-1,591.3	-2,667.5	523.4	885.5	-310.7	-14.8	622.6
Real estate activities	-15.4	166.5	-16.7	134.0	117.7	58.9	-12.8	185.0	-1.6	1.2
Professional, scientific and technical activities	-2.7	-28.4	-71.8	2,087.4	222.6	209.7	182.4	597.3	-452.1	223.5
Administrative and support service activities	-5.4	-4.9	1.0	4.3	1.0	13.0	-0.5	6.3	-0.5	-1.8
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	0.3	0.2	0.1	0.6	0.2	0.4	0.1	0.4	-0.2	0.2
Human health and social work activities	9.6	7.9	5.0	0.7	0.7	1.1	0.7	0.0	0.0	-0.3
Arts, entertainment and recreation	0.1	-0.2	0.1	3.1	2.2	11.5	39.8	6.8	-6.2	-7.3
Other services activities	51.9	-55.5	-2,054.9	118.3	254.7	26.5	108.7	107.2	287.7	-13.0
Others	189.3	-484.1	41.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2,165.5	4,032.1	1,407.2	960.7	-1,573.2	2,727.1	570.5	396.8	-328.2	2,028.4

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.8. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Canada by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	0.3	1.0	0.0	0.2	0.1	0.2	0.2	0.3	0.0	-0.7
Mining and quarrying	20.3	62.8	25.1	-24.9	-29.5	-15.3	-4.2	40.9	60.0	-200.8
Manufacturing	103.0	166.9	8.5	63.3	-38.9	-6.8	85.7	37.0	149.1	41.6
Electricity, gas, steam and air conditioning supply	1.0	1.3	0.4	0.3	4.2	1.8	2.1	6.7	5.7	3.0
Water supply; sewerage, waste management and remediation activities	0.1	0.3	4.3	1.5	-0.1	2.5	2.5	1.2	-1.9	-1.5
Construction	0.1	6.3	0.1	12.2	0.5	1.4	848.5	-0.7	1.9	0.3
Wholesale and retail trade; repair of motor vehicles and motor cycles	5.5	-42.0	29.9	-41.6	64.3	-50.7	46.7	369.2	25.3	14.7
Transportation and storage	3.7	0.7	-0.1	-1.6	19.0	-45.0	-46.4	5.5	0.1	-6.1
Accommodation and food service activities	0.1	2.8	0.0	0.7	0.3	1.2	0.3	0.1	-0.9	-0.4
Information and communication	0.3	0.4	4.8	133.6	1.8	2.0	82.0	-23.5	78.3	26.0
Financial and Insurance activities	714.4	858.0	1,075.6	1,181.1	1,528.5	854.5	3,996.4	3,463.1	2,204.6	3,727.1
Real estate activities	20.9	22.6	15.1	47.3	60.9	52.2	7.6	9.3	31.6	50.5
Professional, scientific and technical activities	-118.6	830.2	-22.2	577.5	-111.8	-141.8	25.5	-842.1	675.6	-5.5
Administrative and support service activities	-0.1	0.1	-0.2	0.3	1.1	0.8	-0.5	0.8	-0.4	-0.5
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	9.9	5.3	-9.1	6.0	23.3	18.4	-12.5	21.2	-9.0	-26.0
Human health and social work activities	0.1	2.4	0.0	0.1	0.2	0.1	0.4	0.0	-0.4	1.0
Arts, entertainment and recreation	0.0	-0.5	0.0	0.5	0.0	1.3	0.1	-0.1	-0.3	-0.1
Other services activities	0.1	0.1	3.0	1.3	3.5	1.0	5.5	49.4	-20.8	0.9
Others	29.1	321.0	44.3	-47.1	-55.1	-72.6	-27.3	-15.8	0.0	0.0
Total	790.0	2,239.7	1,179.7	1,910.3	1,472.1	605.1	5,012.6	3,122.5	3,198.6	3,623.4

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.9. Foreign Direct Investment (FDI) Inward Flows to ASEAN from China by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	88.0	51.5	62.2	75.2	238.6	322.9	341.2	286.7	249.3	76.9
Mining and quarrying	553.4	1,122.4	274.7	110.9	679.6	-196.0	-559.2	-111.5	-381.3	50.0
Manufacturing	1,191.2	601.4	741.6	1,183.3	1,644.4	1,507.6	3,098.3	2,871.0	3,959.4	5,389.1
Electricity, gas, steam and air conditioning supply	87.7	387.3	554.5	491.5	916.8	324.2	396.2	609.9	521.3	449.4
Water supply; sewerage, waste management and remediation activities	1.9	-2.8	45.9	16.2	16.9	13.7	93.1	271	-5.3	-2.1
Construction	8.6	191.5	72.4	763.0	670.8	836.4	514.8	467.5	888.3	644.8
Wholesale and retail trade; repair of motor vehicles and motor cycles	780.1	488.5	372.2	-3.3	3,758.2	2,622.1	643.7	617.2	2,716.9	1,587.2
Transportation and storage	-102.4	-164.1	169.8	-241.1	97.9	1,046.6	2.1	266.3	1,254.1	176.3
Accommodation and food service activities	12.2	23.6	45.3	820.2	-188.6	215.8	121.5	119.0	45.3	90.4
Information and communication	-1.8	-2.9	163.9	173.2	147.4	2,195.9	233.1	46.5	2,476.1	259.5
Financial and Insurance activities	112.7	2,195.3	1,801.5	2,008.9	5,541.5	496.1	1,789.3	-51.2	1,884.9	1,838.3
Real estate activities	1,570.9	2,105.5	2,006.2	2,401.2	3,194.8	3,369.5	2,056.3	1,690.0	2,326.2	2,524.1
Professional, scientific and technical activities	8.8	23.5	-5.1	31.2	40.2	-3.2	211.5	204.7	39.2	2,177.4
Administrative and support service activities	-2.0	1.4	1.5	7.7	2.8	16.9	15.2	24.8	-6.6	-3.8
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	5.2	0.7	0.5	2.4	7.0	-13.3	1.3	-8.1	7.4	13.8
Human health and social work activities	4.0	4.0	2.2	6.5	18.8	19.0	19.1	10.6	0.5	0.2
Arts, entertainment and recreation	2.2	-0.8	0.0	13.6	0.9	33.1	1.2	-0.4	-1.9	-1.7
Other services activities.	878.1	-290.1	151.6	93.4	13.7	56.3	56.8	293.0	892.3	269.2
Others	966.4	75.8	110.9	211.8	0.0	0.0	0.1	0.1	0.0	0.0
Total	6,165.2	6,811.7	6,571.8	8,165.8	16,801.7	12,863.6	9,035.7	7,363.3	16,866.2	15,539.0

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.10. Foreign Direct Investment (FDI) Inward Flows to ASEAN from European Union¹⁾ by Industry, 2013-2022

Industry	(in million US\$)										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾	
Agriculture, forestry, and fishing	209.0	236.0	-45.2	14.1	46.3	8.5	40.6	18.7	24.7	12.7	
Mining and quarrying	906.3	970.4	1,053.7	572.1	2,807.6	39.3	-301.3	-276.4	-247.5	-906.6	
Manufacturing	2,740.6	7,747.7	2,116.1	1,267.8	4,678.0	5,151.7	2,445.1	-624.4	7,655.9	10,071.9	
Electricity, gas, steam and air conditioning supply	240.8	116.9	135.8	-12.0	2,108.7	51.9	-576.3	95.6	222.1	352.9	
Water supply; sewerage, waste management and remediation activities	101.3	55.9	57.0	52.0	296.2	11.3	23.2	5.4	107.3	92.2	
Construction	200.6	184.1	-12.6	-111.0	76.3	-156.3	143.0	-76.5	99.0	220.8	
Wholesale and retail trade; repair of motor vehicles and motor cycles	5,506.3	2,237.9	933.7	7,434.6	4,225.6	4,916.7	7,132.2	-6,689.2	10,118.8	11,388.4	
Transportation and storage	-928.9	299.7	577.9	207.2	444.7	2,163.9	-212.9	360.3	313.5	-476.4	
Accommodation and food service activities	-14.5	15.3	15.9	70.8	-4.2	9.0	3.9	-222.7	-106.9	-31.3	
Information and communication	190.6	405.9	1,857.0	-708.7	492.0	3,471.7	685.9	3,021.0	1,747.4	1,315.9	
Financial and Insurance activities	-1,076.0	8,036.3	-2,285.2	974.3	-5,291.5	5,954.7	-1,539.5	11,300.6	4,778.4	-2,769.6	
Real estate activities	317.6	319.6	461.2	275.6	597.3	1,113.7	366.7	378.1	309.8	372.3	
Professional, scientific and technical activities	120.6	258.5	10,801.4	10,204.2	2,307.4	-3,708.5	-8,616.3	2,151.3	2,573.1	4,283.1	
Administrative and support service activities	9.1	-28.3	25.7	108.8	86.6	87.0	84.4	14.2	14.0	325.7	
Public administration and defence; compulsory social security	0.0	0.0	0.0	18.4	33.5	13.0	13.4	-57.1	-15.3	-226.4	
Education	0.8	0.7	-1.3	0.1	1.5	1.2	0.5	1.4	-0.7	13.3	
Human health and social work activities	1.1	7.8	0.2	35.7	17.0	4.3	33.5	4.8	84.6	5.2	
Arts, entertainment and recreation	2.3	-0.4	4.4	7.2	1.8	22.5	1.5	-10.1	-1.5	-5.8	
Other services activities	1,961.1	451.6	72.3	194.1	231.4	-270.7	533.0	-138.0	221.9	338.0	
Others	227.3	562.1	1,243.7	2,145.8	0.0	0.0	0.0	0.1	0.0	0.0	
Total	10,715.9	21,877.5	17,011.6	22,751.1	13,156.3	18,884.7	260.7	9,257.2	27,898.6	24,376.3	

Source:
ASEAN Secretariat

Notes:
1) Data covers EU27 countries
2) Data for 2022 are preliminary figures

Table 7.11. Foreign Direct Investment (FDI) Inward Flows to ASEAN from India by Industry, 2013-2022

(in million US\$)										
Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	4.6	4.7	3.5	4.8	4.7	2.4	5.3	-1.1	3.0	1.0
Mining and quarrying	0.4	-0.1	0.2	2.9	-93.5	-213.8	-134.3	61.5	54.2	6.2
Manufacturing	66.7	29.2	-129.0	60.5	58.9	142.3	-33.2	44.1	35.8	67.4
Electricity, gas, steam and air conditioning supply	0.1	0.2	8.9	0.4	17.3	3.6	0.1	3.3	1.8	2.0
Water supply; sewerage, waste management and remediation activities	0.0	0.1	0.1	1.1	1.2	0.7	0.1	-0.2	-1.2	-0.7
Construction	-1.4	-5.9	11.4	31.8	11.8	18.4	15.8	30.1	-4.0	8.1
Wholesale and retail trade; repair of motor vehicles and motor cycles	249.8	67.3	144.5	816.4	78.1	1,706.1	366.2	454.0	568.5	604.1
Transportation and storage	-11.0	76.1	-2.6	199.3	5.6	-109.2	86.1	63.4	-5.4	-8.7
Accommodation and food service activities	-0.2	1.5	-2.4	14.7	-0.6	65.7	50.1	260.7	12.6	250.0
Information and communication	-0.1	-3.6	98.3	444.9	-452.5	182.2	112.2	-363.2	-116.8	35.3
Financial and Insurance activities	607.7	658.9	1,015.9	-294.0	659.8	-1,837.6	972.3	1,296.7	482.4	260.1
Real estate activities	1.3	428.7	292.2	276.0	323.0	158.4	182.9	188.5	509.1	373.2
Professional, scientific and technical activities	-1.1	1.1	45.3	-71.1	13.1	49.4	99.7	-388.8	-81.3	-136.1
Administrative and support service activities	-0.1	0.1	0.2	-0.4	0.3	1.0	-1.0	7.9	-0.9	-1.4
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	-5.2	-8.2	-3.9	-2.2	-5.4	-7.0	-5.3	-2.9	-3.1	-5.3
Human health and social work activities	0.0	0.3	0.9	1.9	2.3	14.2	-0.6	0.5	-3.6	1.3
Arts, entertainment and recreation	0.0	-0.1	0.0	0.7	0.5	2.3	0.0	0.0	0.0	-0.1
Other services activities	376.1	-85.6	-18.1	-9.2	153.1	135.3	-172.9	-3.9	31.1	-15.4
Others	443.5	-1.2	8.0	-7.7	0.0	0.0	0.1	367.0	-194.3	-763.5
Total	1,731.2	1,163.5	1,473.4	1,470.9	777.9	314.4	1,543.6	2,017.5	1,287.8	677.5

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.12. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Japan by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	50.0	73.0	50.0	11.5	21.3	22.5	-18.0	9.1	9.1	18.1
Mining and quarrying	-292.0	637.6	514.5	615.2	635.0	224.6	56.9	-321.8	108.9	503.6
Manufacturing	12,604.5	6,671.7	7,273.4	4,433.6	6,035.4	10,899.1	6,982.0	1,795.7	5,370.9	2,032.9
Electricity, gas, steam and air conditioning supply	217.9	13.1	181.2	61.0	950.7	243.4	160.7	278.1	762.8	406.2
Water supply; sewerage, waste management and remediation activities	420.3	-17.2	-2.2	29.2	58.5	36.4	44.2	24.3	170.0	45.2
Construction	125.4	-37.9	-139.1	-50.7	503.1	604.7	466.5	-22.5	-174.8	266.0
Wholesale and retail trade; repair of motor vehicles and motor cycles	1,491.0	647.3	1,856.9	2,595.1	2,190.8	5,444.2	2,781.5	-794.6	3,948.0	3,409.3
Transportation and storage	245.0	114.5	464.6	530.9	-431.0	2,534.0	509.0	5,018.9	7,363.4	19,944.0
Accommodation and food service activities	29.2	23.0	-47.9	-6.1	-73.5	119.1	92.3	115.8	92.2	208.9
Information and communication	95.7	170.9	192.8	254.2	444.1	142.0	32.3	251.0	160.6	899.7
Financial and Insurance activities	8,105.0	4,777.3	1,999.7	4,302.3	3,598.2	6,752.7	6,028.9	5,683.6	930.0	-745.7
Real estate activities	355.7	358.8	179.7	568.9	903.8	1,091.9	706.5	537.9	447.3	920.3
Professional, scientific and technical activities	198.8	-44.8	73.7	452.9	883.5	1,801.8	2,650.5	1,252.5	1,650.1	-770.0
Administrative and support service activities	16.4	86.0	130.1	41.2	41.6	87.2	-25.3	220.8	71.9	21.8
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.2
Education	13.0	4.3	2.6	4.9	13.4	13.2	14.4	19.5	4.5	27.9
Human health and social work activities	53.1	22.0	70.2	-252.5	103.3	155.2	2,104.3	9.0	-2.0	20.2
Arts, entertainment and recreation	11.0	-3.3	-3.8	22.7	33.4	121.9	7.5	-8.8	3.7	2.5
Other services activities	562.2	-687.5	79.5	316.0	106.6	177.0	122.1	-218.3	189.1	3.8
Others	306.4	627.3	86.2	1,655.0	0.0	0.0	2.0	0.1	0.0	0.2
Total	24,608.6	13,436.1	12,962.3	15,585.2	16,018.3	30,470.9	22,718.3	13,850.3	21,106.0	27,215.0

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.13. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Republic of Korea by Industry, 2013-2022

(in million US\$)										
Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	37.0	90.5	100.3	49.9	54.7	27.2	60.9	63.2	17.7	13.9
Mining and quarrying	25.4	58.9	6.1	43.0	-524.4	-550.2	-310.3	181.4	68.7	-11.0
Manufacturing	2,420.7	2,917.5	2,702.9	2,847.8	2,079.0	1,912.6	3,855.6	2,350.4	3,344.5	4,220.6
Electricity, gas, steam and air conditioning supply	166.3	34.3	484.4	175.6	850.6	179.2	96.3	393.9	452.6	289.3
Water supply; sewerage, waste management and remediation activities	4.2	10.1	15.7	87.2	53.2	23.2	22.2	5.9	7.7	17.9
Construction	142.2	230.3	-248.8	-179.1	-54.1	307.2	110.9	-122.9	-279.1	-21.3
Wholesale and retail trade; repair of motor vehicles and motor cycles	916.0	441.2	826.2	1,651.0	2,881.4	1,341.7	1,601.5	2,206.0	162.3	423.9
Transportation and storage	-78.4	10.8	-27.3	182.6	63.2	-12.2	260.9	174.0	59.6	106.1
Accommodation and food service activities	34.9	105.8	51.3	34.3	62.8	62.3	39.8	56.2	11.6	8.7
Information and communication	1.1	-5.9	16.5	81.8	-15.0	33.6	62.9	11.4	60.1	55.3
Financial and Insurance activities	207.1	397.7	422.1	1,068.3	204.0	622.6	766.9	1,589.9	4,927.4	5,976.7
Real estate activities	102.8	424.1	425.4	322.5	322.3	664.5	435.8	349.5	301.5	569.8
Professional, scientific and technical activities	34.7	15.5	49.6	177.6	153.3	861.6	523.8	639.8	690.7	808.2
Administrative and support service activities	0.2	1.6	8.1	25.5	11.4	20.0	7.2	43.1	16.6	10.4
Public administration and defence; compulsory social security	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Education	9.6	11.6	4.5	9.1	11.2	8.7	6.0	8.3	4.0	28.6
Human health and social work activities	9.0	62.4	2.5	7.8	36.0	11.8	18.4	5.3	0.4	13.8
Arts, entertainment and recreation	4.1	-12.5	0.5	49.4	3.6	98.4	6.7	-0.1	-1.7	-1.8
Other services activities	191.6	-141.1	-23.7	68.9	31.2	12.3	33.0	43.0	131.2	45.8
Others	74.1	604.1	792.5	287.9	65.1	112.6	54.5	-1,962.9	151.7	-7.9
Total	4,302.7	5,257.2	5,608.8	6,990.9	6,289.6	5,737.1	7,653.0	6,035.8	10,127.4	12,546.9

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.14. Foreign Direct Investment (FDI) Inward Flows to ASEAN from United Kingdom by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	262.1	96.8	106.7	28.2	37.7	-474.0	229.1	-31.1	-9.7	18.0
Mining and quarrying	668.4	656.4	766.7	272.3	496.9	82.7	906.1	729.2	968.9	247.0
Manufacturing	1,236.3	-857.4	1,673.2	1,052.1	811.6	355.2	1,339.4	61.9	1,549.6	248.5
Electricity, gas, steam and air conditioning supply	7.3	61.4	-385.6	-198.3	23.7	5.4	24.7	26.5	-145.3	7.1
Water supply; sewerage, waste management and remediation activities	0.2	26.2	-200.4	26.6	1.5	0.8	9.2	1.1	-73.8	0.2
Construction	2.0	4.3	21.7	20.6	-6.6	-21.6	-5.3	8.8	4.6	149.0
Wholesale and retail trade; repair of motor vehicles and motor cycles	1,602.6	400.9	1,240.7	1,755.6	-200.4	3,954.1	1,896.8	-856.8	-731.2	3,490.8
Transportation and storage	159.8	134.0	-48.7	495.3	316.1	367.2	247.9	328.0	540.8	78.8
Accommodation and food service activities	11.6	18.2	2.6	5.3	8.8	-2.4	80.8	48.3	-6.9	-7.0
Information and communication	142.9	2.1	-88.7	146.8	2,541.3	-45.7	-2,180.9	-319.9	104.4	316.7
Financial and Insurance activities	30.6	2,645.1	25.1	1,681.4	-822.3	1,171.1	4,259.0	-1,397.3	-6,938.3	3,229.7
Real estate activities	16.5	133.8	259.6	93.5	-1,293.4	-24.6	116.8	-97.7	175.9	207.8
Professional, scientific and technical activities	61.0	-29.0	247.5	103.4	205.8	-285.5	-880.1	-375.1	1,465.8	1,732.9
Administrative and support service activities	22.1	19.0	12.8	13.2	-69.2	40.9	-56.6	-9.3	2.3	3.3
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	-0.1	1.3	1.8	3.4	8.0	5.6	5.9	0.7	7.1	0.1
Human health and social work activities	0.5	2.8	0.4	0.3	1.0	0.6	1.0	40.6	-0.6	-0.2
Arts, entertainment and recreation	9.2	-8.7	-0.6	2.4	2.5	-0.2	-6.4	-9.7	-12.6	-14.1
Other services activities	66.1	-88.6	-45.5	114.4	109.6	137.7	94.7	54.4	71.8	79.6
Others	703.4	3,847.2	-227.8	483.5	258.3	68.6	37.4	-48.7	22.4	12.7
Total	5,002.5	7,065.8	3,361.5	6,099.9	2,431.0	5,335.9	6,119.5	-1,846.1	-3,005.0	9,800.9

Source:
ASEAN Secretariat

Note:
1) Data for 2022 are preliminary figures

Table 7.15. Foreign Direct Investment (FDI) Inward Flows to ASEAN from USA by Industry, 2013-2022

(in million US\$)

Industry	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Agriculture, forestry, and fishing	54.0	-20.9	9.3	6.0	5.6	27.8	8.6	5.8	-12.8	4.7
Mining and quarrying	906.9	-833.8	560.7	-902.5	-3,136.0	-4,243.3	712.9	-571.8	-768.5	-508.4
Manufacturing	5,432.8	1,664.9	330.8	2,019.0	173.0	12,711.8	12,613.3	863.5	14,361.4	20,151.6
Electricity, gas, steam and air conditioning supply	25.0	8.2	62.3	10.1	76.8	32.9	13.7	49.6	71.4	47.1
Water supply; sewerage, waste management and remediation activities	0.4	-1.9	0.8	-7.4	2.6	-1.1	2.3	0.9	2.8	2.3
Construction	7.9	25.8	79.5	7.6	91.2	-48.1	68.8	17.3	43.2	16.1
Wholesale and retail trade; repair of motor vehicles and motor cycles	3,436.9	12,454.5	1,012.4	-104.3	-5,420.2	-20,901.1	-3,645.3	493.4	3,204.6	-1,694.4
Transportation and storage	34.3	58.8	150.4	263.2	-77.0	4.7	195.9	408.9	248.6	349.1
Accommodation and food service activities	110.0	-74.9	63.2	94.5	-13.4	5.9	-581.4	0.0	11.6	-7.5
Information and communication	22.0	54.2	110.4	-624.1	1,185.7	2.5	220.2	2,671.4	3,659.8	1,679.3
Financial and Insurance activities	-1,582.5	3,786.1	18,477.7	11,846.8	34,501.1	-21,805.0	3,286.4	15,509.8	15,975.1	19,862.2
Real estate activities	430.8	355.6	527.3	543.3	975.4	736.3	603.3	536.1	686.2	1,037.9
Professional, scientific and technical activities	-65.3	901.7	444.3	-1,020.1	511.2	4,930.2	28,978.0	4,012.8	-2,134.3	-4,086.7
Administrative and support service activities	25.3	57.0	54.5	32.9	-27.4	47.2	4.3	35.8	35.1	19.3
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	0.6	0.7	0.5	0.6	1.1	0.5	254.4	0.3	118.3	7.8
Human health and social work activities	27.8	9.8	17.8	-0.8	0.3	115.2	-2.0	16.8	13.1	17.7
Arts, entertainment and recreation	0.9	-0.3	0.3	2.8	-1.9	3.0	2.9	-3.4	7.1	-3.9
Other services activities	337.8	-179.2	-132.2	153.0	-36.6	93.4	155.6	4.8	-1.8	23.9
Others	2,252.4	2,875.0	1,142.7	1,095.3	323.3	0.0	0.0	18.2	0.0	0.0
Total	11,457.9	21,141.3	22,912.5	13,415.9	29,134.9	-28,287.0	42,891.8	24,070.2	35,520.7	36,918.1

Source:
ASEAN Secretariat

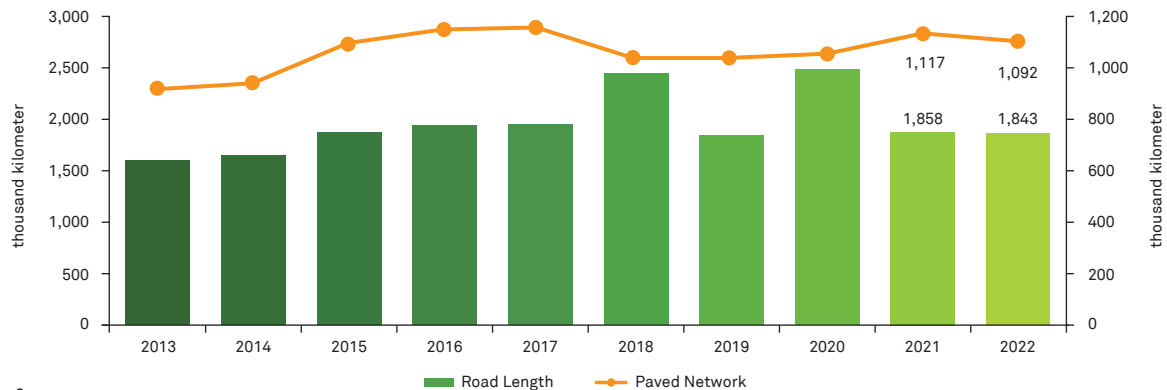
Note:
1) Data for 2022 are preliminary figures

Chapter 8

TRANSPORT

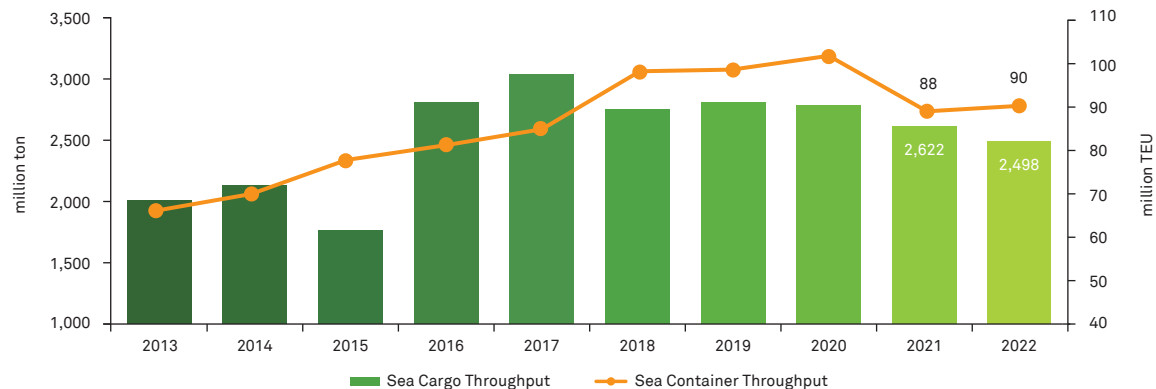


Chart 8.1. ASEAN Road Length and Paved Network, 2013-2022



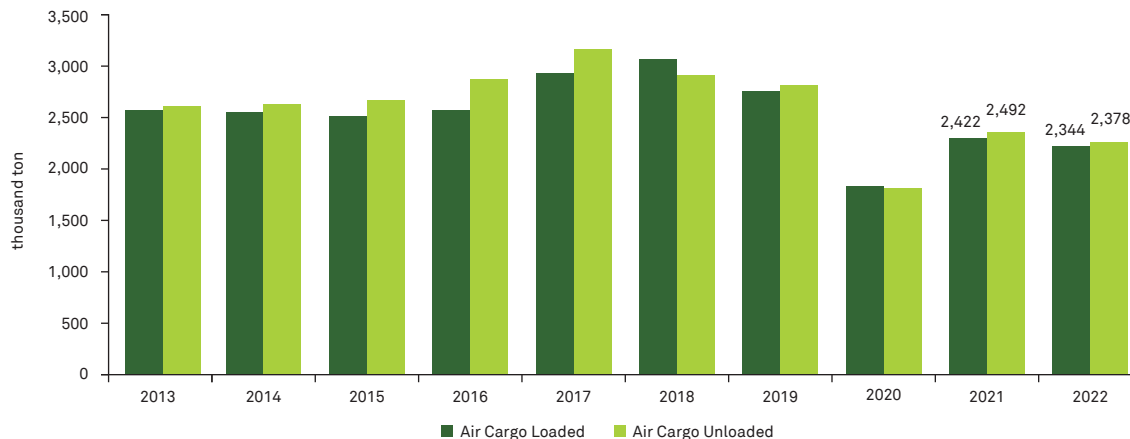
Source:
ASEAN Secretariat

Chart 8.2. ASEAN Sea Cargo and Sea Container Throughput, 2013-2022



Source:
ASEAN Secretariat

Chart 8.3. ASEAN Air Cargo Loaded and Unloaded, 2013-2022



Source:
ASEAN Secretariat

Table 8.1. ASEAN Road Infrastructure, 2013-2022

Road Infrastructure	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Road Length (Kilometer)	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	138,578.3	32,932.7	3,515.0	701,847.1	630,564.0
	2019	3,064.0	63,432.4	564,010.0	58,255.0	256,493.6	138,291.5	33,018.3	3,520.0	702,210.2	-
	2020	3,071.0	64,883.0	545,155.0	58,286.8	267,012.0	139,826.2	33,119.6	3,525.0	702,723.2	639,993.0
	2021	3,086.0	66,722.8	546,630.0	58,875.0	303,016.2	139,939.4	33,212.0	3,531.0	702,970.1	-
	2022	3,102.6	67,715.0	549,161.0	59,645.8	281,301.7	140,251.8	34,352.0	3,546.0	703,594.2	-
Length of Paved Network (Kilometer)	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	163,316.0	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	32,780.3	31,622.8	3,515.0	408,105.2	-
	2019	2,867.0	12,008.7	325,606.0	12,617.2	192,373.7	34,055.5	32,087.1	3,520.0	408,455.5	-
	2020	2,870.0	12,453.0	319,787.0	13,029.0	198,404.3	43,350.6	32,527.0	3,525.0	409,008.9	-
	2021	2,886.0	14,678.0	366,301.0	13,523.0	227,941.1	45,639.9	32,767.0	3,531.0	409,279.1	-
	2022	2,896.0	15,438.0	366,301.0	13,522.8	200,270.8	46,462.7	33,997.0	3,546.0	409,931.8	-

Source:
ASEAN Secretariat

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

Table 8.2. ASEAN Road Fleet, 2013-2022

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Number of Registered Road Motor Vehicles (Thousand)	2013	261.00	282.14	103,913.00	1,439.00	23,819.26	4,017.00	7,690.00	974.00	34,624.41	1,669.00
	2014	294.00	344.25	113,354.00	1,577.17	25,101.19	4,908.00	8,081.00	972.00	35,835.18	1,837.00
	2015	391.00	398.50	120,786.00	1,717.50	26,301.95	5,385.00	8,707.00	957.00	36,731.02	2,107.00
	2016	390.38	525.76	128,069.00	1,850.00	27,613.26	6,126.29	9,252.00	956.00	37,338.14	2,516.00
	2017	408.99	441.80	130,562.00	1,978.00	28,738.18	6,801.00	10,411.00	962.00	38,308.76	2,902.00
	2018	426.00	580.90	106,658.00	2,105.00	29,956.47	7,215.50	11,595.00	957.00	39,551.79	3,274.37
	2019	439.52	646.00	112,771.00	2,233.69	31,214.77	7,333.98	12,725.00	973.00	40,712.05	3,673.07
	2020	452.59	456.00	115,023.00	2,437.79	32,378.17	7,610.81	11,851.19	974.00	41,471.35	4,180.48
	2021	466.47	506.00	120,042.00	2,544.89	33,570.21	7,562.51	5,772.20	989.00	42,313.97	-
	2022	475.00	555.00	125,384.00	3,116.55	35,092.74	7,211.41	13,889.00	996.00	43,394.10	-
Number of Public Buses (Thousand)	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	-	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	43.00	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	47.00	0.24	13.00	0.07	4.77	27.48	7.26	6.00	64.65	-
	2022	47.00	0.06	13.00	0.07	4.81	26.96	20.00	6.00	60.35	-

Table 8.2. ASEAN Road Fleet, 2013-2022 (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	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	-	0.61	0.18	1.06	1.12	-
	2019	0.09	0.01	0.05	0.01	0.18	0.79	0.18	1.05	1.11	-
	2020	0.02	0.01	0.05	0.01	0.17	0.53	0.16	1.06	1.05	-
	2021	109.30	0.01	0.05	0.01	0.15	0.50	0.07	1.10	0.99	-
	2022	105.52	0.00	0.05	0.01	0.15	0.48	0.18	1.06	0.91	-

Source:
ASEAN Secretariat

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

Table 8.3. ASEAN Railways, 2013-2022

Railways, Passenger and Freight	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Railway Route Length (Kilometer)	2013	n.a.	652.0	5,107,000.0	3.5	1,703.2	5,959.0	130.0	182.0	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	183.0	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	199.0	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	199.0	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	228.0	4,632.7	3,160.0
	2018	n.a.	654.0	5,940,000.0	3.5	1,799.4	6,112.3	143.0	228.0	4,644.7	3,162.9
	2019	n.a.	654.0	6,222,000.0	3.5	1,799.4	6,112.3	148.0	228.0	4,952.3	3,143.0
	2020	n.a.	654.0	6,326,000.0	3.5	1,799.4	6,112.3	148.0	232.0	4,997.9	2,646.1
	2021	n.a.	652.0	6,466,000.0	3.5	1,799.4	6,207.2	153.0	245.0	5,027.5	-
	2022	n.a.	652.0	6,642,313.0	423.5	1,799.4	6,207.2	228.0	259.0	5,098.2	-
Rail Passenger Carried (Thousand)	2013	n.a.	0.0	220.4	0.3	219.0	53.7	438.8	2.8	347.9	12.1
	2014	n.a.	0.0	277.7	0.4	229.7	49.5	435.6	2.9	365.3	12.0
	2015	n.a.	0.0	327.8	0.4	233.8	42.7	340.7	3.0	379.3	11.2
	2016	n.a.	13,995.0	352.0	0.3	216.9	42.6	370.3	3.3	395.0	9.8
	2017	n.a.	39,054.0	392.0	0.3	235.5	46.9	375.7	3.3	418.1	9.5
	2018	n.a.	97,780.0	422.0	0.3	260.4	43.6	349.0	3.5	432.1	8.5
	2019	n.a.	28,677.0	453.0	0.3	283.3	34.2	328.2	3.6	438.6	8.0
	2020	n.a.	24,985.0	199.0	0.0	137.4	11.7	100.4	2.0	297.0	3.7
	2021	n.a.	3,614.0	162.0	0.0	78.7	1.0	105.7	2.0	183.7	1.4
	2022	n.a.	69,344.0	307.2	1.4	183.8	3.7	216.5	3.0	340.1	4.5

Table 8.3. ASEAN Railways, 2013–2022 (Continued)

Railways, Passenger and Freight	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Passenger-Kilometer (Million passenger-kilometer)	2013	n.a.	0.0	17,588.0	0.9	-	3,610.1	3,607.2	9,151.0	9,133.5	4,416.6
	2014	n.a.	0.0	15,231.0	1.2	-	3,465.9	3,580.9	9,391.0	9,010.6	4,481.9
	2015	n.a.	0.0	22,152.0	0.9	-	3,110.5	2,802.4	0.0	8,855.9	4,149.6
	2016	n.a.	0.0	21,572.0	0.1	-	3,111.9	3,689.5	0.0	8,932.6	3,421.6
	2017	n.a.	0.0	16,158.0	0.7	-	3,200.4	3,675.6	0.0	9,481.6	3,625.1
	2018	n.a.	0.0	16,932.0	0.1	-	3,073.0	3,388.2	0.0	9,069.5	3,511.7
	2019	n.a.	0.0	29,080.0	0.1	-	2,916.0	3,205.4	0.0	9,080.1	3,154.7
	2020	n.a.	0.0	10,653.0	0.0	-	1,023.9	840.2	0.0	5,875.5	1,509.2
	2021	n.a.	0.0	8,986.0	0.0	-	97.8	875.2	0.0	2,986.1	-
2022	n.a.	0.0	19,047.0	445.7	-	490.1	1,935.0	0.0	7,063.1	-	
Freight-Kilometer (Million ton kilometer)	2013	n.a.	-	8.2	-	1,759.6	840.8	n.a.	n.a.	2,566.4	3,804.1
	2014	n.a.	-	9.5	-	1,741.5	808.1	n.a.	n.a.	2,294.9	4,311.5
	2015	n.a.	-	10.2	-	1,474.4	771.6	n.a.	n.a.	2,545.3	4,035.5
	2016	n.a.	-	11.2	-	1,349.4	706.0	n.a.	n.a.	2,646.5	3,198.2
	2017	n.a.	-	13.4	-	1,233.6	679.7	n.a.	n.a.	2,846.1	3,616.7
	2018	n.a.	-	15.1	-	1,314.7	730.3	n.a.	n.a.	2,769.1	4,025.4
	2019	n.a.	-	16.0	-	1,141.6	753.0	n.a.	n.a.	2,623.6	3,739.5
	2020	n.a.	-	11.5	-	817.6	776.5	n.a.	n.a.	2,813.8	3,819.0
	2021	n.a.	-	11.8	0.02	1,002.0	198.5	n.a.	n.a.	2,673.0	-
2022	n.a.	-	13.7	928.7	1,055.0	261.7	n.a.	n.a.	2,785.2	-	

Source:
ASEAN Secretariat

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

Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2013-2022

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Domestic Ports	2013	2.0	5.0	703.0	n.a.	13.0	22.0	395.0	n.a.	242.0	n.a.
	2014	2.0	5.0	703.0	n.a.	13.0	22.0	414.0	n.a.	242.0	n.a.
	2015	2.0	5.0	701.0	n.a.	13.0	22.0	424.0	n.a.	242.0	n.a.
	2016	2.0	5.0	701.0	n.a.	13.0	22.0	414.0	n.a.	242.0	n.a.
	2017	2.0	5.0	608.0	n.a.	13.0	22.0	428.0	n.a.	246.0	n.a.
	2018	2.0	5.0	608.0	n.a.	13.0	9.0	449.0	n.a.	382.0	n.a.
	2019	2.0	26.0	608.0	n.a.	13.0	9.0	623.0	n.a.	404.0	n.a.
	2020	1.0	26.0	608.0	n.a.	13.0	9.0	615.0	n.a.	454.0	n.a.
	2021	1.0	26.0	608.0	n.a.	13.0	9.0	638.0	n.a.	455.0	n.a.
	2022	1.0	101.0	611.0	n.a.	13.0	-	656.0	n.a.	-	n.a.
Domestic Sea Passenger Traffic (Thousand person)	2013	n.a.	-	6,618.0	n.a.	16,802.4	122.7	70,921.0	n.a.	20,229.0	-
	2014	n.a.	-	6,907.0	n.a.	3,321.6	28.0	72,257.0	n.a.	20,311.8	-
	2015	n.a.	-	-	n.a.	5,293.1	11.8	80,876.0	n.a.	28,893.4	-
	2016	n.a.	-	-	n.a.	5,126.8	2.0	89,100.0	n.a.	29,679.0	-
	2017	n.a.	-	3,359.0	n.a.	5,257.8	1.9	93,300.0	n.a.	33,251.0	-
	2018	n.a.	-	2,003.0	n.a.	5,165.7	1.4	98,800.0	n.a.	32,954.1	-
	2019	n.a.	-	3,065.0	n.a.	3,483.9	0.3	106,700.0	n.a.	39,288.4	7,233.0
	2020	n.a.	-	3,468.0	n.a.	3,069.4	-	31,100.0	n.a.	11,964.0	-
	2021	n.a.	-	1,986.0	n.a.	1,713.5	-	28,100.0	n.a.	9,144.0	-
	2022	n.a.	-	6,094.2	n.a.	3,780.3	-	74,200.0	n.a.	26,401.0	-

Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2013-2022 (Continued)

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Sea Cargo Throughput (Thousand ton)	2013	6.0	1,578.0	387,546.0	n.a.	-	2,543.0	100,091.0	n.a.	45,441.0	-
	2014	8.0	1,578.0	408,606.0	n.a.	-	3,342.0	105,329.0	n.a.	46,672.8	-
	2015	13.0	1,578.0	450,239.1	n.a.	-	3,023.0	121,118.0	n.a.	51,872.5	139,568.0
	2016	9.0	1,578.0	621,011.9	n.a.	-	3,510.0	130,784.0	n.a.	50,894.5	160,902.0
	2017	9.0	2,007.0	965,130.0	n.a.	-	4,782.0	140,731.0	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	69,982.3	n.a.	61,772.3	298,080.0
	2020	-	-	1,665,867.0	n.a.	-	146.5	132,431.7	n.a.	54,023.0	287,750.0
	2021	-	-	1,088,964.0	n.a.	-	2,727.0	143,837.1	n.a.	65,447.0	-
	2022	-	-	1,717,999.3	n.a.	-	-	150,453.2	n.a.	68,431.0	-

Source:
ASEAN Secretariat

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

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2013-2022

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of International Ports	2013	1.0	3.0	26.0	n.a.	15.0	9.0	170.0	1.0	7.0	-
	2014	1.0	3.0	26.0	n.a.	15.0	9.0	170.0	1.0	7.0	-
	2015	1.0	3.0	28.0	n.a.	15.0	9.0	178.0	1.0	7.0	-
	2016	1.0	3.0	28.0	n.a.	15.0	9.0	190.0	1.0	7.0	-
	2017	1.0	3.0	28.0	n.a.	15.0	9.0	189.0	1.0	7.0	160.0
	2018	1.0	3.0	28.0	n.a.	15.0	1.0	204.0	1.0	7.0	163.0
	2019	1.0	2.0	28.0	n.a.	15.0	1.0	192.0	1.0	7.0	-
	2020	1.0	2.0	28.0	n.a.	15.0	1.0	213.0	1.0	7.0	-
	2021	1.0	2.0	28.0	n.a.	15.0	1.0	234.0	1.0	7.0	-
	2022	1.0	2.0	28.0	n.a.	15.0	0.0	273.0	0.0	7.0	-
International Sea Passenger Traffic (Thousand person)	2013	222.0	16.0	1,757.0	n.a.	2,750.5	6.7	37.0	-	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	95.0	-	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	2,051.0	n.a.	2,100.8	8.5	482.0	-	644.0	n.a.
	2019	-	48.0	1,696.0	n.a.	2,310.2	10.7	237.0	-	787.4	n.a.
	2020	-	18.0	265.0	n.a.	618.2	0.5	29.0	-	98.2	n.a.
	2021	1.1	-	42.0	n.a.	100.0	-	-	-	-	n.a.
	2022	-	3.0	2,050.6	n.a.	951.8	-	4.0	-	91.2	n.a.

Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2013-2022 (Continued)

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Sea Cargo Throughput (Thousand ton)	2013	1,041.0	3,012.2	609,088.0	n.a.	510,815.0	24,921.0	132,500.0	560,887.9	170,435.5	-
	2014	845.0	3,423.9	653,270.0	n.a.	541,744.0	27,276.0	144,486.0	581,268.0	183,112.6	-
	2015	1,931.0	3,763.3	-	n.a.	570,401.0	28,415.0	144,895.0	575,846.0	208,427.2	231,918.0
	2016	1,846.0	4,040.2	982,350.0	n.a.	569,120.0	32,550.0	161,702.0	593,297.0	211,894.5	255,473.0
	2017	1,873.0	4,367.7	1,172,091.0	n.a.	544,711.0	36,240.0	164,733.0	627,688.0	215,869.0	273,630.0
	2018	1,350.0	5,328.0	799,801.0	n.a.	570,701.0	34,745.0	169,912.0	630,125.0	231,884.2	318,080.0
	2019	1,569.6	6,447.0	774,498.0	n.a.	595,478.0	34,301.0	176,204.0	626,521.0	238,019.3	364,080.0
	2020	-	6,602.0	778,459.0	n.a.	564,329.0	10,952.0	164,404.0	590,738.0	239,829.0	433,060.0
	2021	396.0	6,382.0	963,061.0	n.a.	591,489.0	37,097.0	180,203.0	599,643.0	243,518.0	-
2022	718.0	6,990.0	799,801.0	n.a.	567,644.0	-	174,981.0	578,221.0	370,052.0	-	
International Sea Container Throughput (Thousand TEU ¹⁾)	2013	112.0	286.0	710.0	n.a.	20,876.3	478.0	3,421.0	32,578.7	7,548.1	-
	2014	106.0	333.0	785.0	n.a.	22,373.3	617.2	3,638.0	33,869.0	8,120.7	-
	2015	103.0	391.0	-	n.a.	23,876.3	745.2	3,849.0	30,922.0	8,364.9	9,123.0
	2016	98.0	400.0	-	n.a.	24,847.8	1,026.0	4,270.0	30,904.0	8,728.3	10,320.0
	2017	104.0	459.8	503.0	n.a.	23,783.9	1,048.0	4,539.0	33,667.0	9,283.4	11,247.1
	2018	113.0	541.0	7,440.0	n.a.	24,941.4	1,110.0	4,871.0	36,599.0	9,564.7	12,385.7
	2019	-	639.0	5,095.0	n.a.	26,420.0	1,128.0	5,147.0	37,196.0	9,448.4	13,250.7
	2020	-	1,693.0	6,618.0	n.a.	26,678.0	1,095.0	4,455.0	36,871.0	8,941.0	14,653.3
	2021	110.4	732.0	6,209.0	n.a.	28,419.0	685.1	4,940.0	37,468.0	9,904.0	-
2022	104.0	750.0	8,839.0	n.a.	27,319.0	-	5,320.0	37,290.0	10,009.1	-	

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

n.a. not applicable

'-' not available at the time of publication

Table 8.6. ASEAN Domestic Civil Aviation, 2013-2022

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of Domestic Airports	2013	n.a.	5.0	208.0	9.0	35.0	30.0	74.0	n.a.	28.0	12.0
	2014	n.a.	5.0	208.0	9.0	35.0	30.0	74.0	n.a.	28.0	13.0
	2015	n.a.	5.0	208.0	9.0	35.0	30.0	75.0	n.a.	29.0	13.0
	2016	n.a.	5.0	238.0	9.0	35.0	31.0	75.0	n.a.	29.0	13.0
	2017	n.a.	5.0	236.0	9.0	35.0	31.0	75.0	n.a.	31.0	13.0
	2018	n.a.	5.0	234.0	9.0	35.0	31.0	75.0	n.a.	31.0	13.0
	2019	n.a.	5.0	263.0	9.0	35.0	31.0	76.0	n.a.	31.0	13.0
	2020	n.a.	5.0	263.0	9.0	35.0	32.0	81.0	n.a.	31.0	13.0
	2021	n.a.	5.0	263.0	9.0	35.0	29.0	79.0	n.a.	31.0	13.0
2022	n.a.	5.0	265.0	9.0	35.0	-	80.0	n.a.	31.0	13.0	
Domestic Air Passenger Traffic (Thousand person)	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	178.0	9,723.2	2,242.6	11,862.7	n.a.	19,334.5	14,968.5
2022	n.a.	104.0	56,415.0	469.2	38,203.6	-	46,092.6	n.a.	51,545.6	43,513.4	

Table 8.6. ASEAN Domestic Civil Aviation, 2013-2022 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Air Cargo Traffic (Thousand ton)	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	366.2	n.a.	32.2	183.8
	2021	n.a.	0.0	413.0	1.9	271.0	2.0	333.0	n.a.	20.5	145.1
	2022	n.a.	0.0	436.0	0.8	305.8	-	371.0	n.a.	31.4	95.5
Number of Aircraft Traffic (Thousand)	2013	n.a.	8,658.0	638,011.0	11,861.0	501,675.0	49,961.0	595,690.0	n.a.	368,534.0	-
	2014	n.a.	9,919.0	636,436.0	14,221.0	543,690.0	56,323.0	618,152.0	n.a.	433,416.0	-
	2015	n.a.	12,701.0	659,091.0	10,889.0	558,211.0	63,009.0	651,334.0	n.a.	505,528.0	-
	2016	n.a.	12,039.0	764,156.0	11,854.0	551,507.0	61,648.0	744,196.0	n.a.	546,510.0	-
	2017	n.a.	16,761.0	829,615.0	20,354.0	557,474.0	61,999.0	831,071.5	n.a.	569,790.0	-
	2018	n.a.	16,878.0	875,017.0	24,649.0	558,672.0	53,561.0	520,650.0	n.a.	586,036.0	-
	2019	n.a.	13,904.0	729,446.0	23,807.0	591,130.0	53,176.0	512,649.0	n.a.	524,641.0	-
	2020	n.a.	5,728.0	402,473.0	16,524.0	268,465.0	32,241.0	166,418.0	n.a.	366,495.0	-
	2021	n.a.	864.0	430,392.0	5,292.0	186,521.0	33,360.0	160,172.0	n.a.	186,620.0	-
	2022	n.a.	3,248.0	464,557.0	10,524.0	437,164.0	-	402,565.0	n.a.	393,708.0	-

Source:
ASEAN Secretariat

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

Table 8.7. ASEAN International Civil Aviation, 2013-2022

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Number of International Airports	2013	1.0	3.0	29.0	4.0	6.0	3.0	11.0	2.0	7.0	9.0
	2014	1.0	3.0	29.0	4.0	6.0	3.0	11.0	2.0	7.0	9.0
	2015	1.0	3.0	29.0	4.0	6.0	3.0	11.0	2.0	7.0	8.0
	2016	1.0	3.0	29.0	4.0	6.0	3.0	11.0	2.0	7.0	8.0
	2017	1.0	3.0	29.0	4.0	6.0	3.0	11.0	2.0	7.0	8.0
	2018	1.0	3.0	30.0	4.0	6.0	3.0	11.0	2.0	7.0	9.0
	2019	1.0	3.0	34.0	4.0	6.0	3.0	11.0	2.0	7.0	9.0
	2020	1.0	3.0	34.0	4.0	6.0	3.0	8.0	2.0	7.0	9.0
	2021	1.0	3.0	34.0	4.0	6.0	3.0	8.0	2.0	7.0	9.0
	2022	1.0	3.0	36.0	4.0	6.0	-	8.0	2.0	7.0	9.0
Domestic Air Passenger Traffic (Thousand person)	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	460.7	9,546.5	1,150.7	7,118.7	11,634.0	16,254.8	7,232.7
	2021	47.0	210.0	1,423.0	47.0	1,295.7	192.5	2,590.7	3,053.0	1,591.8	-
	2022	554.0	2,278.0	12,564.0	288.9	16,532.5	-	11,949.0	31,902.0	24,269.9	-

Table 8.7. ASEAN International Civil Aviation, 2013-2022 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Air Cargo Loaded (Thousand ton)	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	930.0	765.1	-
	2020	0.5	33.0	164.0	2.1	282.3	18.4	176.0	720.0	524.0	-
	2021	0.4	44.0	347.0	0.2	361.1	31.5	43.8	935.0	658.5	-
2022	0.4	28.0	198.0	0.7	349.1	-	222.0	895.0	650.4	-	
International Air Cargo Unloaded (Thousand ton)	2013	8.0	14.8	208.0	0.0	373.3	10.7	595.7	996.0	549.7	-
	2014	6.0	15.7	187.0	0.7	413.9	15.0	618.2	1,005.0	523.8	-
	2015	8.0	19.0	195.0	0.4	393.0	17.9	651.3	1,015.3	524.5	-
	2016	7.0	22.1	205.0	1.4	353.1	21.4	744.2	1,084.0	585.1	-
	2017	7.0	27.2	224.0	0.4	391.8	29.7	831.1	1,156.0	658.4	-
	2018	7.0	42.8	207.0	2.3	407.3	29.6	520.7	1,165.0	687.2	-
	2019	7.6	33.0	218.0	2.2	405.6	30.1	568.0	1,084.0	604.1	-
	2020	4.3	22.0	153.0	2.2	314.3	1.5	190.9	825.0	398.2	-
	2021	2.6	27.0	337.0	0.7	376.0	20.8	233.9	1,011.0	482.9	-
2022	4.2	27.0	177.0	0.5	405.6	-	251.0	958.0	554.5	-	

Table 8.7. ASEAN International Civil Aviation, 2013-2022 (Continued)

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Aircraft Traffic (Thousand)	2013	25,458.0	47,377.0	82,966.0	11,635.0	274,179.0	25,297.0	112,469.0	343,765.0	343,139.0	-
	2014	24,680.0	51,016.0	162,966.0	16,646.0	290,848.0	29,958.0	116,678.5	341,386.0	331,035.0	-
	2015	25,559.0	52,921.0	174,195.0	14,875.0	299,021.0	30,753.0	129,282.5	346,334.0	384,567.0	-
	2016	24,155.0	57,002.0	174,596.0	16,665.0	302,634.0	36,878.0	134,525.0	360,500.0	422,309.0	-
	2017	24,155.0	67,910.0	199,530.0	18,478.0	337,135.0	41,729.0	148,169.5	373,200.0	445,960.0	-
	2018	20,378.0	82,319.0	229,300.0	24,637.0	357,312.0	40,568.0	155,339.0	386,040.0	500,544.0	-
	2019	17,900.0	90,929.0	226,796.0	24,188.0	360,626.0	46,963.0	180,477.0	363,000.0	508,441.0	-
	2020	9,996.0	23,520.0	61,023.0	5,772.0	101,722.0	13,654.0	58,799.0	125,420.0	133,940.0	-
	2021	2,653.0	8,902.0	27,945.0	600.0	57,715.0	7,158.0	42,040.0	108,892.0	71,484.0	-
	2022	6,245.0	25,650.0	76,635.0	2,774.0	145,197.0	-	81,663.0	218,668.0	176,652.0	-

Source:
ASEAN Secretariat

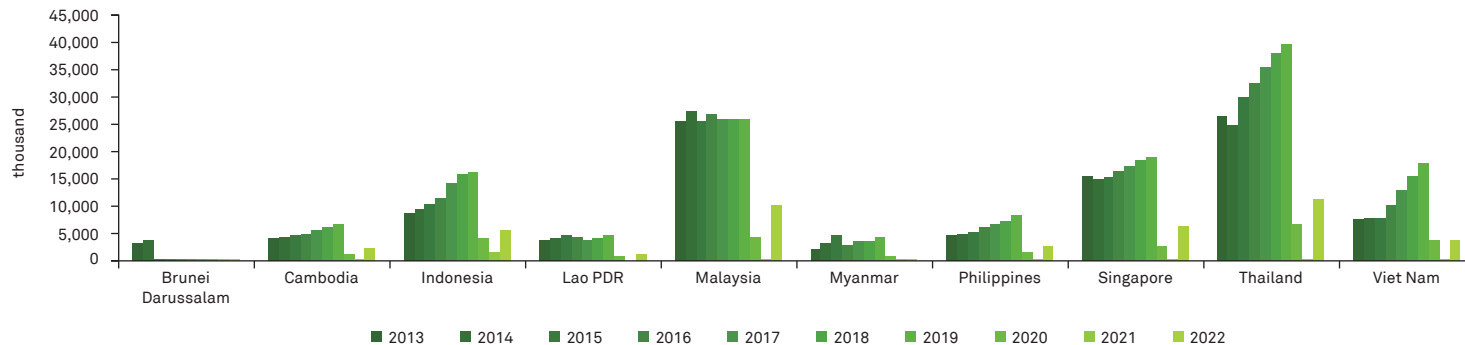
Note:
‘-’ not available at the time of publication

Chapter 9

TOURISM

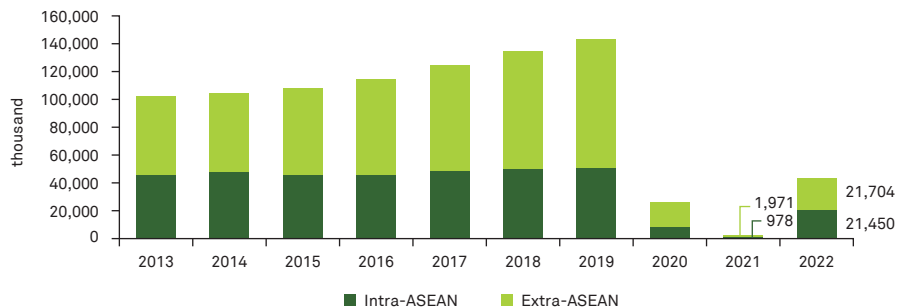


Chart 9.1. Visitor Arrivals in ASEAN by Country of Destination, 2013-2022



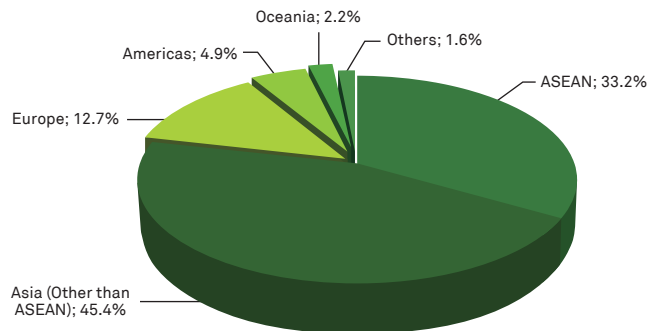
Source:
ASEAN Secretariat

Chart 9.2. Intra and Extra-ASEAN Visitor Arrival, 2013-2022



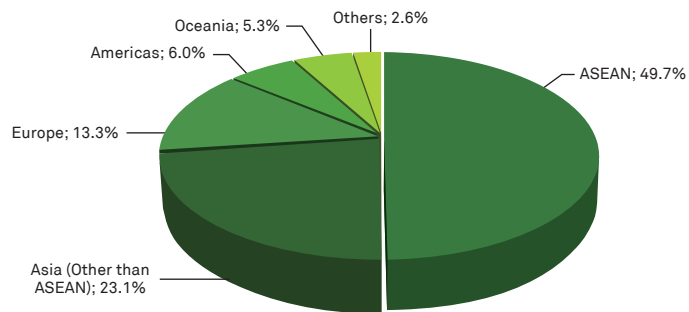
Source:
ASEAN Secretariat

Chart 9.3. Visitor Arrivals to ASEAN by Origin in percent share, 2021



Source:
ASEAN Secretariat

Chart 9.4. Visitor Arrivals to ASEAN by Origin in percent share, 2022



Source:
ASEAN Secretariat

Table 9.1. Visitor Arrivals in ASEAN by Country of Destination, 2013-2022

(in thousands)

Country of Destination	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾
Brunei Darussalam ¹⁾	3,279.2	3,885.5	218.2	218.8	259.0	278.1	333.2	62.3	3.5	35.7
Cambodia	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	2,276.6
Indonesia	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	5,471.3
Lao PDR	3,779.5	4,158.7	4,684.4	4,239.0	3,868.8	4,186.4	4,791.1	886.4	-	1,291.6
Malaysia	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	10,071.0
Myanmar	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	233.5
Philippines	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	2,653.9
Singapore	15,567.9	15,095.2	15,231.5	16,403.6	17,424.6	18,508.3	19,113.8	2,742.4	330.1	6,305.7
Thailand	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	11,153.0
Viet Nam	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	3,661.2
ASEAN	102,199.1	105,083.8	108,903.8	115,566.4	125,721.0	135,169.7	143,606.3	26,158.1	2,948.6	43,153.5

Source:
ASEAN Secretariat

Notes:

- 1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
 2) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023
 '-' not available at the time of publication

Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2013-2022

(in thousands)

Country of Destination	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾
Brunei Darussalam ¹⁾	3,053.5	3,662.2	118.7	117.5	131.4	134.6	168.7	32.6	1.3	21.4
Cambodia	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	1,602.8
Indonesia	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	2,117.0
Lao PDR	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8	3,198.8	555.5	-	1,124.4
Malaysia	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	8,138.8
Myanmar	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3	2,123.3	493.6	109.1	25.2
Philippines	422.1	461.5	481.6	461.7	488.3	530.3	526.8	83.3	7.8	187.8
Singapore	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0	6,623.9	896.8	88.4	2,790.2
Thailand	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	4,526.6
Viet Nam	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3	2,037.3	509.3	-	915.7
ASEAN	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	977.9	21,450.0

Source:
ASEAN Secretariat

Notes:

- 1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
2) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023
'- ' not available at the time of publication

Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2013-2022

(in thousands)

Country of Destination	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾
Brunei Darussalam ¹⁾	225.6	223.4	99.5	101.3	127.6	143.5	164.5	29.8	2.2	14.3
Cambodia	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	673.8
Indonesia	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	3,354.3
Lao PDR	738.3	934.6	1,095.9	1,155.7	1,121.7	1,299.6	1,592.2	330.9	-	167.3
Malaysia	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	1,932.1
Myanmar	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	208.3
Philippines	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	2,466.0
Singapore	9,453.2	8,982.1	9,483.3	10,467.2	11,199.5	11,987.3	12,489.9	1,845.7	241.6	3,515.6
Thailand	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	6,626.4
Viet Nam	6,132.1	6,379.2	6,642.8	8,551.6	11,238.6	13,716.5	15,971.3	3,177.5	3.5	2,745.5
ASEAN	56,044.6	55,860.8	62,912.0	68,996.2	77,228.1	85,570.7	91,910.0	16,967.1	1,970.6	21,703.5

Source:
ASEAN Secretariat

Notes:

- 1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
 2) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023
 '-' not available at the time of publication

Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2013-2022

(in thousands)

Country of Destination	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾
Brunei Darussalam ¹⁾	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	346.5
Cambodia	910.3	1,104.6	874.7	979.0	1,215.3	1,378.8	1,292.2	312.7	5.5	638.0
Indonesia	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	3,179.2
Lao PDR	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	680.9
Malaysia	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	3,870.2
Myanmar	377.5	433.4	491.6	595.9	669.4	670.4	688.6	110.7	21.7	344.3
Philippines	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	870.8
Singapore	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	6,776.9
Thailand	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	2,859.1
Viet Nam	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	1,884.0
Unspecified	0.0	0.0	0.0	207.7	0.0	0.0	114.5	15.2	0.0	0.0
ASEAN	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	977.9	21,450.0

Source:
ASEAN Secretariat

Notes:

- 1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
2) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	46,154.4	49,223.0	45,991.8	46,570.2	48,492.8	49,599.0	51,696.3	9,191.0	977.9	21,450.0
Extra-ASEAN	56,044.6	55,860.8	62,912.0	68,996.2	77,228.1	85,570.7	91,910.0	16,967.1	1,970.6	21,703.5
ASIA (Other than ASEAN)	31,648.4	31,877.9	39,344.5	41,002.8	50,416.7	57,388.1	62,969.6	9,961.4	1,339.9	9,985.2
China	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	1,101.5
Hongkong	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	301.1
India	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	2,376.0
Japan	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	897.3
Korea, Republic of	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	2,514.9
Taiwan, Province of China	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	414.2
Other Asia	2,891.3	2,797.6	3,285.1	2,776.8	3,946.5	4,723.7	4,241.7	1,574.2	914.5	2,380.2
EUROPE	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	5,736.5
France	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	715.3
Germany	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	835.4
Italy	468.8	520.0	555.3	587.2	634.8	686.5	698.7	148.5	10.8	227.1
Netherlands	648.6	686.0	693.2	733.1	754.5	787.9	808.9	176.4	25.2	354.6
United Kingdom	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	1,224.1
Other Europe	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	2,379.9
AMERICAS	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	2,569.7
Canada	768.7	800.4	833.9	875.6	964.7	1,049.8	1,087.4	245.4	17.5	403.9
USA	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	1,990.7
Other Americas	252.9	284.4	371.7	403.9	631.2	533.3	530.3	148.2	7.5	175.0
OCEANIA	4,822.9	4,911.8	4,920.0	5,032.2	5,094.2	5,176.5	5,242.5	969.9	64.1	2,281.7
Australia	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	2,039.2
New Zealand	438.8	458.0	475.2	481.3	529.5	550.3	582.3	91.3	3.0	192.7
Other Oceania	81.1	70.2	254.1	236.9	221.5	213.4	140.9	32.7	33.1	49.8
OTHERS	2,660.6	1,569.6	1,258.1	4,028.6	787.6	1,114.3	1,183.6	227.2	48.0	1,130.4
TOTAL	102,199.1	105,083.8	108,903.8	115,566.4	125,721.0	135,169.7	143,606.3	26,158.1	2,948.6	43,153.5

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.6. Visitor Arrivals to Brunei Darussalam¹⁾ by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ²⁾
Intra-ASEAN	3,053.5	3,662.2	118.7	117.5	131.4	134.6	168.7	32.6	1.3	21.4
Extra-ASEAN	225.6	223.4	99.5	101.3	127.6	143.5	164.5	29.8	2.2	14.3
ASIA (Other than ASEAN)	102.7	105.2	58.3	65.1	86.5	99.8	116.4	19.0	0.7	4.3
China	39.9	38.8	36.9	40.8	52.4	65.6	74.5	11.3	0.3	0.8
Hongkong	2.3	2.6	1.6	1.9	2.2	2.7	0.0	0.3	0.0	0.0
India	30.3	31.0	6.4	7.2	8.7	8.6	8.9	1.8	0.1	1.3
Japan	9.0	9.8	4.3	4.5	5.2	5.4	10.7	2.1	0.1	0.8
Korea, Republic of	4.8	5.7	2.9	3.6	8.7	9.1	15.8	1.9	0.0	0.7
Taiwan, Province of China	4.4	3.9	1.7	1.6	1.7	0.0	0.0	0.0	0.0	0.0
Other Asia	11.9	13.4	4.4	5.5	7.6	8.5	6.6	1.5	0.2	0.7
EUROPE	68.2	65.3	20.2	18.1	20.7	21.9	20.4	5.7	0.9	4.4
France	3.9	4.0	1.7	1.3	1.4	1.3	1.4	0.2	0.0	0.3
Germany	17.8	8.4	1.9	1.7	1.9	1.8	1.8	0.5	0.1	0.4
Italy	1.1	1.5	0.5	0.5	0.6	0.5	0.6	0.1	0.0	0.1
Netherlands	4.9	6.3	1.3	1.0	1.3	1.2	1.4	0.3	0.1	0.3
United Kingdom	29.9	34.0	11.1	10.4	12.1	12.0	14.2	3.4	0.6	3.1
Other Europe	10.6	11.2	3.6	3.2	3.5	5.0	1.0	1.1	0.0	0.2
AMERICAS	17.4	17.7	5.9	5.4	6.5	6.4	6.7	1.3	0.1	1.3
Canada	8.0	8.5	2.2	2.0	2.3	2.3	2.3	0.4	0.0	0.4
USA	9.4	9.2	3.7	3.4	4.2	4.1	4.4	0.9	0.1	1.0
Other Americas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCEANIA	28.5	24.8	11.6	9.4	10.0	11.1	11.5	2.8	0.1	2.5
Australia	22.6	19.2	10.0	8.0	8.6	9.7	10.2	2.6	0.1	2.2
New Zealand	5.9	5.7	1.6	1.5	1.4	1.4	1.3	0.2	0.0	0.3
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	8.8	10.3	3.4	3.3	3.9	4.4	9.6	1.0	0.4	1.7
TOTAL	3,279.2	3,885.5	218.2	218.8	259.0	278.1	333.2	62.3	3.5	35.7

Source:
ASEAN Secretariat

Notes:

- 1) Brunei Darussalam data covered only visitor arrivals by air transport except for 2013 and 2014
- 2) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	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	1,602.8
Extra-ASEAN	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	673.8
ASIA (Other than ASEAN)	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	285.7
China	463.1	560.3	694.7	830.0	1,210.8	2,024.4	2,361.8	329.7	45.8	106.9
Hongkong	8.6	9.8	14.8	16.0	13.5	12.2	2.2	0.3	0.0	0.0
India	23.6	28.5	36.7	46.1	59.6	65.9	75.3	12.9	0.8	34.0
Japan	206.9	215.8	193.3	191.6	203.4	210.5	207.6	41.3	2.0	29.7
Korea, Republic of	435.0	424.4	395.3	357.2	345.1	301.8	254.9	55.9	6.1	64.0
Taiwan, Province of China	97.0	97.5	109.7	104.8	121.0	134.6	138.4	22.9	3.8	26.7
Other Asia	25.2	31.7	39.5	48.7	60.7	55.3	58.3	14.3	1.3	24.3
EUROPE	693.5	703.9	710.2	723.0	844.1	793.7	767.6	216.7	8.7	219.5
France	131.5	141.1	145.7	150.3	166.4	170.8	164.1	43.2	3.6	56.5
Germany	81.6	84.1	94.0	108.8	118.3	99.0	94.4	27.3	0.9	24.6
Italy	25.2	29.5	32.2	35.8	40.3	34.0	40.9	11.1	0.3	8.3
Netherlands	28.1	26.6	29.0	30.9	32.5	28.9	28.3	6.6	0.3	9.3
United Kingdom	123.9	133.3	154.3	159.5	171.2	162.4	163.2	44.8	1.2	44.1
Other Europe	303.2	289.3	255.0	237.8	315.6	298.6	276.7	83.9	2.3	76.6
AMERICAS	263.2	276.7	315.5	353.0	395.0	369.3	354.0	83.4	7.5	118.3
Canada	50.9	52.3	56.8	60.7	69.1	61.6	60.2	15.6	0.8	15.4
USA	185.0	191.4	217.5	238.7	256.5	250.8	248.9	56.0	6.5	93.4
Other Americas	27.3	33.0	41.2	53.7	69.4	57.0	44.9	11.9	0.2	9.5
OCEANIA	156.3	155.6	158.0	171.8	174.2	152.2	147.1	28.7	1.5	45.0
Australia	132.0	134.2	134.7	146.8	143.9	127.4	123.3	23.7	1.3	37.7
New Zealand	20.6	21.3	23.0	24.8	29.9	24.5	23.3	4.4	0.2	7.2
Other Oceania	3.7	0.2	0.2	0.2	0.4	0.3	0.5	0.6	0.0	0.1
OTHERS	6.2	6.6	9.8	48.3	13.6	13.6	15.2	3.5	0.4	5.3
TOTAL	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	2,276.6

Source:
ASEAN Secretariat

Note:
1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	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	2,117.0
Extra-ASEAN	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	3,354.3
ASIA (Other than ASEAN)	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	1,447.1
China	807.4	926.8	1,260.7	1,556.8	2,093.2	2,139.2	2,072.3	239.8	54.7	144.2
Hongkong	112.8	112.3	94.1	101.4	98.3	91.2	50.3	2.6	2.4	0.7
India	201.0	223.6	319.6	422.0	536.9	595.6	657.3	111.7	6.7	268.6
Japan	491.6	525.4	549.7	545.4	573.3	530.6	519.6	92.2	6.0	73.5
Korea, Republic of	343.6	370.1	387.5	386.8	423.2	358.9	388.3	75.6	9.5	121.3
Taiwan, Province of China	245.3	244.0	227.9	252.8	264.3	208.3	207.5	35.7	1.4	24.7
Other Asia	378.9	380.3	385.2	526.4	1,403.7	2,177.1	1,599.6	1,081.5	829.4	814.1
EUROPE	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	909.0
France	190.9	210.1	212.6	256.2	274.1	287.9	283.8	43.4	3.8	131.9
Germany	168.1	184.8	203.6	243.9	267.8	274.2	277.7	46.4	3.4	127.8
Italy	63.0	68.0	69.4	79.4	90.0	94.3	91.2	13.3	2.3	46.5
Netherlands	158.2	169.3	175.3	200.8	210.4	210.0	215.3	53.5	12.2	99.1
United Kingdom	228.7	249.2	292.7	352.0	378.1	392.1	397.7	70.0	5.2	165.6
Other Europe	434.1	451.1	508.8	634.8	745.3	747.8	802.7	213.0	28.7	338.1
AMERICAS	333.2	358.7	411.6	476.0	537.0	566.3	649.0	133.7	24.9	241.3
Canada	56.8	61.4	75.8	86.8	96.1	97.9	103.6	23.2	1.2	35.9
USA	234.1	251.4	276.0	316.8	344.8	387.9	457.8	91.8	22.0	171.3
Other Americas	42.2	45.9	59.8	72.4	96.1	80.6	87.5	18.8	1.7	34.0
OCEANIA	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	721.5
Australia	998.0	1,128.5	1,099.1	1,302.3	1,256.9	1,301.5	1,386.8	256.3	3.2	654.5
New Zealand	66.5	76.5	87.9	105.4	106.9	128.4	149.0	19.9	0.5	44.0
Other Oceania	7.3	7.7	190.4	164.2	144.1	144.7	81.4	21.5	31.8	23.0
OTHERS	57.5	65.0	69.9	95.1	111.5	108.9	120.3	21.3	3.1	35.4
TOTAL	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	5,471.3

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	3,041.2	3,224.1	3,588.5	3,083.4	2,747.1	2,886.8	3,198.8	555.5	-	1,124.4
Extra-ASEAN	738.3	934.6	1,095.9	1,155.7	1,121.7	1,299.6	1,592.2	330.9	-	167.3
ASIA (Other than ASEAN)	394.3	584.3	736.4	802.0	862.9	1,035.3	1,292.8	219.5	-	87.1
China	245.0	422.4	511.4	545.5	639.2	805.8	1,022.7	138.5	-	45.2
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
India	4.6	4.5	5.5	8.2	4.3	4.9	8.2	1.7	-	3.6
Japan	48.6	44.9	43.8	49.2	32.1	39.0	41.7	11.1	-	6.8
Korea, Republic of	81.8	96.1	165.3	173.3	170.6	174.4	203.2	40.2	-	26.0
Taiwan, Province of China	4.8	5.5	6.1	14.0	4.3	4.8	7.0	1.7	-	1.5
Other Asia	9.5	10.9	4.2	11.8	12.4	6.4	10.0	26.2	-	3.9
EUROPE	212.6	209.3	217.3	221.9	161.2	165.8	182.5	70.5	-	39.5
France	52.4	52.1	55.2	55.0	36.8	39.3	44.4	15.5	-	10.4
Germany	29.3	29.8	31.9	34.0	23.8	22.9	25.3	8.6	-	6.1
Italy	8.8	9.7	9.0	10.1	7.5	6.2	7.3	2.8	-	1.3
Netherlands	10.9	8.7	8.4	7.0	5.5	7.8	8.9	2.3	-	0.0
United Kingdom	41.7	39.1	41.5	39.2	27.7	26.8	32.0	11.6	-	8.7
Other Europe	69.4	69.9	71.3	76.7	59.9	62.8	64.5	29.7	-	13.1
AMERICAS	85.9	86.0	89.0	86.2	64.2	69.1	82.7	30.2	-	25.4
Canada	17.1	19.1	19.8	19.3	13.5	10.8	12.9	4.6	-	3.0
USA	61.6	61.5	63.1	58.1	38.8	49.2	61.2	18.1	-	18.4
Other Americas	7.2	5.5	6.1	8.8	12.0	9.2	8.6	7.4	-	4.0
OCEANIA	40.9	50.2	39.5	37.9	24.1	23.1	28.7	8.5	-	7.4
Australia	35.5	45.0	34.7	33.1	20.9	19.6	24.8	7.3	-	6.5
New Zealand	5.5	5.2	4.8	4.8	3.2	3.5	4.0	1.2	-	0.9
Other Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
OTHERS	4.5	4.9	13.8	7.7	9.3	6.3	5.6	2.3	-	7.9
TOTAL	3,779.5	4,158.7	4,684.4	4,239.0	3,868.8	4,186.4	4,791.1	886.4	-	1,291.6

Source:
ASEAN Secretariat

Notes:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

“-” not available data for visitor arrivals in Lao PDR in 2021

Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	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	8,138.8
Extra-ASEAN	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	1,932.1
ASIA (Other than ASEAN)	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	1,033.6
China	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	212.6
Hongkong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	651.0	770.1	722.1	0.0	552.7	600.3	735.3	155.9	3.9	324.5
Japan	513.1	553.1	483.6	413.8	392.8	394.5	424.7	74.4	3.1	83.3
Korea, Republic of	274.7	385.8	421.2	444.4	484.5	616.8	673.1	119.8	3.0	146.4
Taiwan, Province of China	286.3	274.7	283.2	300.9	332.9	383.9	382.9	60.1	0.6	48.1
Other Asia	704.1	824.6	741.2	215.3	524.3	513.1	565.3	122.5	6.1	218.6
EUROPE	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	411.3
France	145.1	170.0	151.5	134.3	131.7	139.4	141.7	28.2	0.8	55.1
Germany	136.7	158.5	144.9	130.3	109.8	128.9	130.2	27.5	0.8	57.8
Italy	45.3	55.2	51.9	42.7	44.6	52.1	54.7	9.0	0.3	18.9
Netherlands	84.0	98.0	84.6	72.2	75.9	81.7	82.1	14.5	0.5	31.1
United Kingdom	413.5	445.8	401.0	400.3	358.8	361.3	346.5	63.9	2.7	134.7
Other Europe	241.6	284.5	367.2	332.2	356.3	291.4	300.6	114.0	2.1	113.9
AMERICAS	335.8	354.9	360.1	289.4	308.6	338.1	357.5	76.7	2.5	138.8
Canada	88.9	92.8	79.6	72.3	67.1	84.7	87.6	16.6	0.5	30.7
USA	246.9	262.1	237.8	217.1	198.2	253.4	269.9	48.8	2.0	108.1
Other Americas	0.0	0.0	42.8	0.0	43.3	0.0	0.0	11.3	0.0	0.0
OCEANIA	589.5	638.8	551.7	431.1	411.7	402.2	418.4	82.6	1.5	170.5
Australia	526.3	571.3	486.9	377.7	351.2	351.5	368.3	72.7	1.3	152.3
New Zealand	63.2	67.4	60.8	53.4	55.9	50.7	50.1	8.8	0.2	18.2
Other Oceania	0.0	0.0	3.9	0.0	4.5	0.0	0.0	1.1	0.0	0.0
OTHERS	397.6	437.4	133.3	1,154.6	103.6	470.1	493.4	29.3	7.4	177.9
TOTAL	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	10,071.0

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	218.7	1,598.3	1,762.9	402.9	1,730.4	1,918.3	2,123.3	493.6	109.1	25.2
Extra-ASEAN	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	208.3
ASIA (Other than ASEAN)	415.1	1,071.3	2,368.8	468.8	1,311.0	1,307.8	1,915.9	318.0	18.5	54.0
China	90.6	809.4	2,102.7	183.9	996.9	963.2	1,463.1	230.4	14.0	22.8
Hongkong	7.9	8.5	2.9	0.0	0.4	7.2	32.0	4.4	0.0	0.3
India	21.0	62.1	59.7	38.5	86.9	102.7	117.3	24.8	1.5	8.1
Japan	68.8	83.4	90.3	100.8	101.5	104.4	125.7	26.1	1.2	6.6
Korea, Republic of	54.9	58.5	63.7	64.4	65.8	71.2	111.8	19.4	1.1	6.9
Taiwan, Province of China	30.7	32.7	31.7	36.1	36.5	35.7	39.4	7.3	0.2	3.4
Other Asia	141.3	16.7	17.7	45.1	23.0	23.4	26.7	5.6	0.5	5.9
EUROPE	168.3	200.3	224.5	255.5	252.4	199.9	202.7	62.9	2.1	7.3
France	35.5	41.5	47.4	52.3	58.4	43.2	42.6	15.5	0.4	0.9
Germany	27.7	32.3	35.7	39.0	40.0	28.8	29.4	9.1	0.1	0.5
Italy	11.7	12.6	14.8	18.0	18.2	16.9	19.1	5.8	0.1	0.4
Netherlands	0.0	10.8	12.2	14.0	13.5	9.4	9.6	2.6	0.1	0.4
United Kingdom	33.2	40.9	45.1	51.1	47.7	36.4	34.1	9.3	0.3	1.6
Other Europe	60.2	62.3	69.2	81.1	74.6	65.2	67.9	20.6	1.2	3.4
AMERICAS	67.3	81.9	93.4	102.5	99.7	86.9	88.0	20.5	0.8	3.8
Canada	9.0	12.3	14.1	15.0	14.1	11.1	11.1	2.7	0.1	0.4
USA	53.7	62.6	69.8	76.5	73.1	65.1	66.8	15.0	0.6	3.1
Other Americas	4.6	7.0	9.6	11.0	12.6	10.8	10.2	2.7	0.1	0.3
OCEANIA	28.1	33.4	35.6	39.2	37.6	32.5	30.0	6.8	0.2	1.3
Australia	24.7	29.2	30.8	34.0	32.6	28.0	25.9	6.0	0.2	1.1
New Zealand	3.3	4.1	4.5	5.0	4.8	4.3	4.0	0.8	0.0	0.2
Other Oceania	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.0	0.0	0.0
OTHERS	1,146.8	96.2	195.8	1,638.4	11.9	4.1	4.1	1.6	0.2	142.0
TOTAL	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	233.5

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	422.1	461.5	481.6	461.7	488.3	530.3	526.8	83.3	7.8	187.8
Extra-ASEAN	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	2,466.0
ASIA (Other than ASEAN)	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	702.8
China	426.4	395.0	490.8	675.7	968.4	1,255.3	1,743.3	170.4	9.7	39.6
Hongkong	126.0	114.1	122.2	116.3	111.1	118.0	91.7	12.4	0.4	8.6
India	52.2	61.2	74.8	90.8	107.3	121.1	135.0	29.0	7.2	51.5
Japan	433.7	463.7	495.7	535.2	584.2	631.8	682.8	136.7	15.0	99.6
Korea, Republic of	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	428.0
Taiwan, Province of China	139.1	143.0	177.7	229.3	236.8	240.8	327.3	48.6	1.6	23.6
Other Asia	103.3	113.2	129.6	143.7	148.0	146.5	137.6	28.1	16.3	51.9
EUROPE	468.1	485.8	521.1	594.3	649.5	707.5	772.1	180.9	19.8	318.8
France	39.0	38.9	45.5	55.4	64.8	74.4	88.6	24.5	1.4	23.9
Germany	70.9	72.8	75.3	86.4	85.4	92.1	103.8	25.9	2.0	39.0
Italy	17.7	19.9	21.6	25.9	30.4	35.2	39.0	9.0	1.2	12.9
Netherlands	22.6	25.2	28.6	31.9	33.8	37.0	41.3	9.0	1.5	19.3
United Kingdom	122.8	133.7	154.6	173.3	182.7	201.0	209.2	40.0	4.3	101.5
Other Europe	195.1	195.3	195.4	221.5	252.4	267.7	290.3	72.6	9.3	122.1
AMERICAS	814.6	875.2	946.0	1,057.2	1,176.5	1,279.8	1,327.9	273.5	47.5	638.3
Canada	131.4	143.9	156.4	175.6	200.6	226.4	238.9	55.3	6.8	121.4
USA	674.6	722.8	779.2	869.5	957.8	1,034.4	1,064.4	211.8	39.3	505.1
Other Americas	8.6	8.6	10.4	12.1	18.0	18.9	24.6	6.4	1.4	11.8
OCEANIA	276.7	287.0	303.0	321.1	333.2	354.0	352.8	66.5	3.6	162.7
Australia	213.0	224.8	241.2	251.1	259.4	279.8	286.2	55.3	2.2	138.0
New Zealand	15.8	17.7	20.6	23.4	29.0	33.3	37.9	6.9	0.3	17.5
Other Oceania	47.9	44.5	41.2	46.5	44.8	40.9	28.8	4.3	1.0	7.2
OTHERS	253.4	258.3	278.7	266.6	209.8	154.7	174.4	114.1	28.6	643.4
TOTAL	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	2,653.9

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	6,114.7	6,113.0	5,748.2	5,936.4	6,225.1	6,521.0	6,623.9	896.8	88.4	2,790.2
Extra-ASEAN	9,453.2	8,982.1	9,483.3	10,467.2	11,199.5	11,987.3	12,489.9	1,845.7	241.6	3,515.6
ASIA (Other than ASEAN)	5,891.3	5,474.0	5,956.8	6,826.1	7,274.5	7,711.4	7,984.4	936.9	187.7	1,674.1
China	2,269.9	1,722.4	2,106.2	2,863.7	3,228.1	3,417.6	3,627.0	357.3	88.3	130.9
Hongkong	539.8	631.0	609.9	538.0	465.8	473.1	488.5	59.0	5.4	129.0
India	933.6	943.6	1,014.0	1,097.2	1,272.1	1,442.3	1,417.9	175.5	54.4	686.5
Japan	832.8	824.7	789.2	783.9	792.9	829.7	884.3	125.9	5.9	132.1
Korea, Republic of	471.8	537.0	577.1	566.5	631.4	629.5	645.8	89.5	7.1	217.5
Taiwan, Province of China	350.3	337.4	378.0	394.2	395.6	422.9	425.6	61.9	3.4	65.1
Other Asia	493.2	477.8	482.5	582.6	488.8	496.3	495.2	67.8	23.2	313.0
EUROPE	1,591.2	1,598.5	1,615.4	1,719.8	1,853.8	2,063.2	2,132.5	489.1	29.0	766.7
France	160.0	156.9	157.5	170.9	175.4	204.8	212.8	41.6	4.2	86.1
Germany	251.6	263.5	286.7	328.8	342.4	356.8	380.7	95.6	5.4	130.6
Italy	66.7	67.1	69.4	74.6	80.4	102.0	102.7	19.7	1.2	33.1
Netherlands	82.9	81.8	79.1	82.2	86.9	98.3	99.4	17.9	2.0	51.2
United Kingdom	461.5	451.9	473.8	489.2	518.9	588.9	607.8	133.4	8.6	226.7
Other Europe	568.6	577.4	549.0	574.0	649.7	712.4	729.1	181.0	7.6	239.0
AMERICAS	641.5	635.3	657.3	680.7	758.7	861.7	962.1	171.3	13.6	406.6
Canada	92.7	92.8	96.2	98.5	105.2	129.5	138.5	26.9	1.7	55.0
USA	491.9	484.9	499.5	516.5	565.4	643.2	729.3	123.2	11.0	318.5
Other Americas	56.8	57.5	61.5	65.7	88.0	88.9	94.3	21.1	1.0	33.1
OCEANIA	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	639.3
Australia	1,125.2	1,074.9	1,043.6	1,027.3	1,082.0	1,107.2	1,143.3	206.2	10.1	565.7
New Zealand	120.4	118.7	127.6	121.1	131.2	137.7	153.0	23.8	0.6	57.1
Other Oceania	15.5	14.3	15.1	19.7	22.4	22.2	23.6	4.0	0.2	16.5
OTHERS	68.1	66.4	67.5	72.7	76.8	83.9	91.0	14.4	0.6	28.8
TOTAL	15,567.9	15,095.2	15,231.5	16,403.6	17,424.6	18,508.3	19,113.8	2,742.4	330.1	6,305.7

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	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	4,526.6
Extra-ASEAN	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	6,626.4
ASIA (Other than ASEAN)	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	3,016.4
China	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	273.6
Hongkong	694.1	483.9	669.2	690.5	821.1	1,015.7	1,045.3	124.2	1.7	162.2
India	1,028.4	946.3	1,069.1	1,077.0	1,415.2	1,598.3	1,995.4	261.8	6.5	997.9
Japan	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	290.1
Korea, Republic of	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	538.8
Taiwan, Province of China	503.9	392.8	552.6	513.5	573.1	687.7	790.0	119.4	1.7	94.8
Other Asia	1,023.9	929.0	1,042.1	1,197.6	1,194.0	1,190.1	1,190.0	148.8	37.5	658.9
EUROPE	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	2,551.7
France	723.7	632.2	681.1	697.7	740.2	749.6	745.3	236.5	23.5	268.6
Germany	580.1	717.6	760.6	825.5	850.1	886.5	852.4	230.6	45.9	365.0
Italy	197.2	220.0	246.1	248.9	264.5	279.9	272.3	60.1	5.3	85.3
Netherlands	209.7	210.3	221.7	228.4	222.4	236.3	241.6	51.6	8.5	116.4
United Kingdom	847.7	909.3	946.9	961.5	994.8	986.9	992.5	221.4	38.7	444.4
Other Europe	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	1,272.0
AMERICAS	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	606.8
Canada	209.1	213.2	227.3	222.4	258.5	276.1	273.2	58.2	6.4	90.6
USA	788.8	764.7	867.5	938.9	1,056.4	1,122.3	1,165.9	211.1	37.9	453.7
Other Americas	106.1	126.8	140.3	180.3	227.0	200.9	191.7	49.1	3.1	62.5
OCEANIA	1,019.4	947.2	921.4	918.5	938.9	922.0	884.5	139.9	10.9	374.9
Australia	906.0	835.5	805.9	813.0	817.2	801.2	767.2	123.6	9.6	336.7
New Zealand	106.7	108.4	112.3	99.4	118.0	116.7	112.7	15.7	1.2	35.9
Other Oceania	6.6	3.3	3.1	6.1	3.7	4.0	4.7	0.6	0.1	2.3
OTHERS	189.3	193.0	186.9	197.6	211.3	225.5	222.0	27.8	3.9	76.6
TOTAL	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	11,153.0

Source:
ASEAN Secretariat

Note:

1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023

Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2013-2022

(in thousands)

Country of Origin	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ¹⁾
Intra-ASEAN	1,440.3	1,495.1	1,300.8	1,461.2	1,683.5	1,781.3	2,037.3	509.3	-	915.7
Extra-ASEAN	6,132.1	6,379.2	6,642.8	8,551.6	11,238.6	13,716.5	15,971.3	3,177.5	-	2,745.5
ASIA (Other than ASEAN)	3,669.8	3,846.7	4,334.2	5,523.2	8,079.1	10,294.1	12,349.1	2,165.0	-	1,680.1
China	1,907.8	1,947.2	1,780.9	2,696.8	4,008.3	4,966.5	5,806.4	871.8	-	124.9
Hongkong	10.2	14.6	0.0	34.6	47.7	62.2	51.6	3.8	-	0.1
India	0.0	0.0	0.0	0.0	109.5	132.4	169.0	0.0	-	0.0
Japan	604.1	648.0	671.4	740.6	798.1	826.7	952.0	200.3	-	174.7
Korea, Republic of	748.7	848.0	1,113.0	1,543.9	2,415.2	3,485.4	4,290.8	819.1	-	965.4
Taiwan, Province of China	399.0	389.0	330.2	507.3	616.2	714.1	926.7	192.2	-	126.2
Other Asia	0.0	0.0	438.7	0.0	84.1	106.9	152.5	77.8	-	288.9
EUROPE	1,046.1	1,198.5	1,200.0	1,445.0	1,885.7	2,037.9	2,168.2	664.3	-	508.4
France	209.9	213.7	211.6	240.8	255.4	279.7	287.7	74.5	-	81.6
Germany	97.7	142.3	149.1	176.0	199.9	214.0	226.8	61.5	-	83.6
Italy	32.1	36.4	40.3	51.3	58.0	65.6	70.8	17.8	-	20.3
Netherlands	47.4	49.1	53.0	64.7	72.3	77.3	81.1	18.3	-	27.5
United Kingdom	184.7	202.3	212.8	254.8	283.5	298.1	315.1	81.4	-	93.8
Other Europe	474.3	554.6	533.3	657.4	1,016.6	1,103.3	1,186.7	410.8	-	201.6
AMERICAS	537.2	548.1	473.9	675.6	817.0	903.8	973.8	234.1	-	388.9
Canada	105.0	104.3	105.7	122.9	138.2	149.5	159.1	41.8	-	51.1
USA	432.2	443.8	368.2	552.6	614.1	687.2	746.2	172.7	-	318.2
Other Americas	0.0	0.0	0.0	0.0	64.7	67.1	68.5	19.5	-	19.6
OCEANIA	350.6	354.2	335.7	363.3	420.9	437.8	432.4	102.2	-	156.6
Australia	319.6	321.1	303.7	320.7	370.4	386.9	383.5	92.2	-	144.7
New Zealand	31.0	33.1	32.0	42.6	49.1	49.9	47.1	9.5	-	11.4
Other Oceania	0.0	0.0	0.0	0.0	1.4	1.0	1.8	0.5	-	0.5
OTHERS	528.4	431.7	299.1	544.5	35.9	42.8	48.0	11.9	-	11.5
TOTAL	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	3,661.2

Source:
ASEAN Secretariat

Notes:

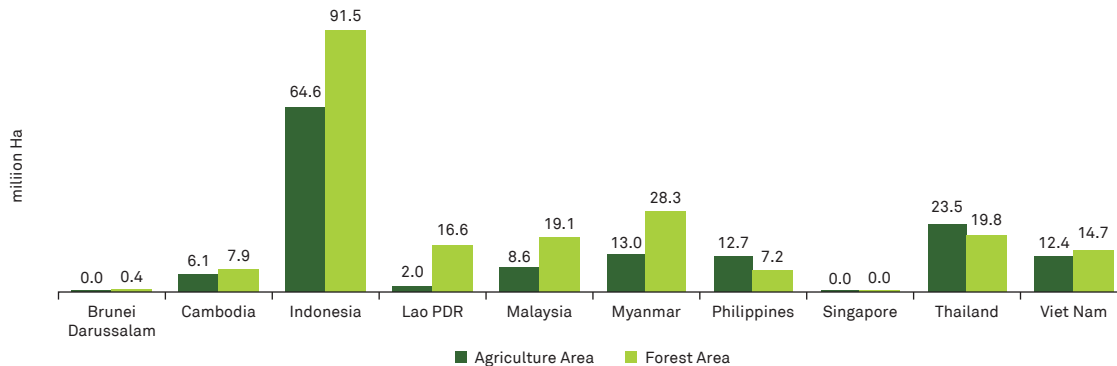
1) Visitor arrivals data for 2022 are based on AMS submission and/or retrieved from national websites as of August 2023
 *- not breakdown available for visitors arrivals in Viet Nam in 2021

Chapter 10

AGRICULTURE, FORESTRY, AND FISHERIES

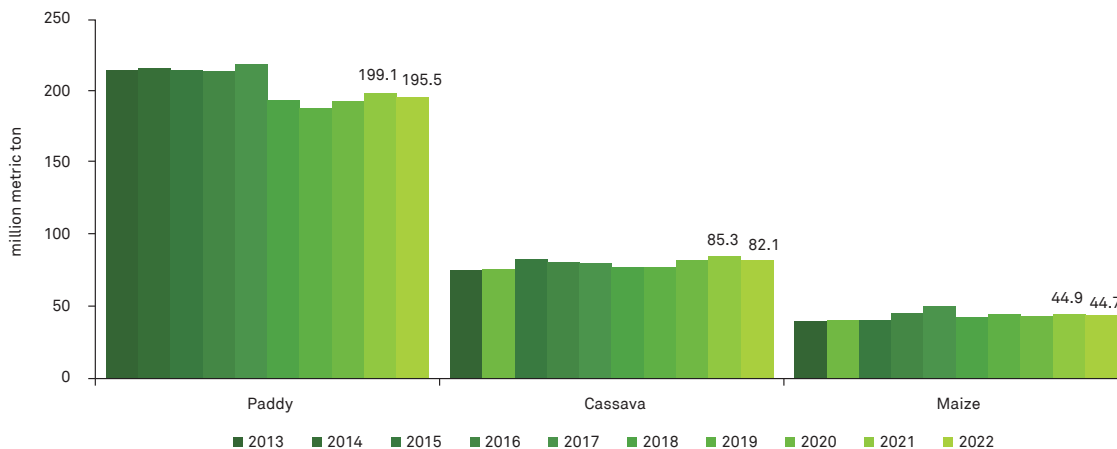


Chart 10.1. Agriculture and Forest Area in ASEAN, 2021



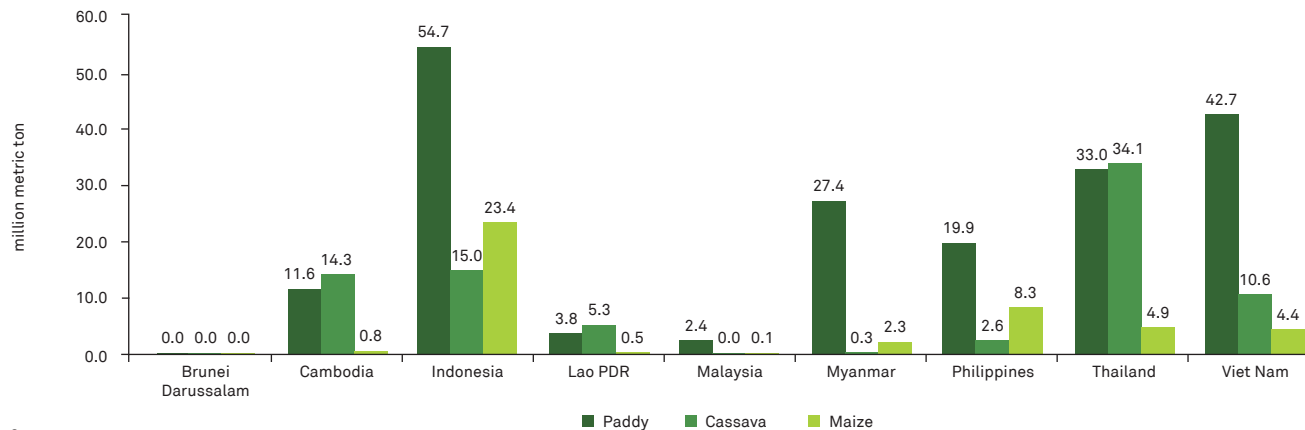
Source:
ASEAN Secretariat

Chart 10.2. Production of ASEAN Major Food Commodities, 2013-2022



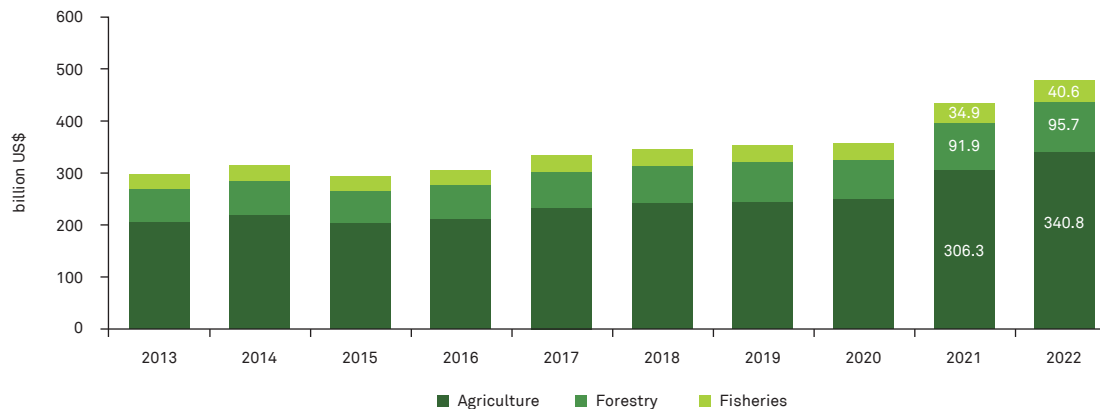
Source:
ASEAN Secretariat

Chart 10.3. Production of Major Food Commodities in ASEAN, 2022



Source:
ASEAN Secretariat

Chart 10.4. Total Trade in Agriculture, Forestry, and Fisheries, 2013-2022



Source:
ASEAN Secretariat

Table 10.1. Agriculture Land and Land Use in ASEAN, 2021

Country	Total Area (000 Ha)	Land Area (000 Ha)	Agricultural area					Rural Population (000)
			Arable Land (000 Ha)	Permanent Crops (000 Ha)	Permanent Pasture (000 Ha)	Total Agriculture 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	96.4
Cambodia	18,104.0	17,652.0	4,120.1	479.0	1,500.0	6,099.1	34.6	12,764.0
Indonesia	191,690.7	189,255.5	26,300.0	27,300.0	11,000.0	64,600.0	34.1	117,389.2
Lao PDR	23,680.0	23,080.0	1,224.0	130.0	677.0	2,031.0	8.8	4,579.7
Malaysia	33,041.1	32,855.0	826.0	7,460.0	285.0	8,571.0	26.1	7,424.9
Myanmar	67,659.0	65,267.0	10,990.0	1,510.0	480.0	12,980.0	19.9	37,888.3
Philippines	30,000.0	29,817.0	5,590.0	5,593.0	1,500.0	12,683.0	42.5	58,228.7
Singapore	72.8	71.8	0.6	0.1	0.0	0.7	0.9	0.0
Thailand	51,312.0	51,089.0	17,150.0	5,550.0	800.0	23,500.0	46.0	33,246.0
Viet Nam	33,134.0	31,342.9	6,787.0	4,931.0	642.0	12,360.0	39.4	61,504.3
Total	449,270.6	440,957.2	72,991.7	52,959.1	16,887.4	142,838.2	32.4	333,121.6

Source:
FAO Statistics 2023

Table 10.2. Forest Areas as Proportion of Total Areas in ASEAN, 2001, 2011 and 2021

Country	Total Forest Area (000 Ha)			Forest Areas as Proportion of Land Areas (%)			
	2001	2011	2021	2001	2011	2021	Annual change 2001-2021
Brunei Darussalam	395.3	380.0	380.0	75.0	72.1	72.1	-3.9
Cambodia	10,761.8	10,240.7	7,912.7	61.0	58.0	44.8	-26.5
Indonesia	101,117.9	98,732.9	91,527.7	53.4	52.2	48.4	-9.5
Lao PDR	17,376.6	16,906.0	16,561.0	75.3	73.2	71.8	-4.7
Malaysia	19,617.0	19,051.0	19,063.9	59.7	58.0	58.0	-2.8
Myanmar	34,525.4	31,151.3	28,254.2	52.9	47.7	43.3	-18.2
Philippines	7,262.3	6,874.6	7,223.5	24.4	23.1	24.2	-0.5
Singapore	17.1	17.5	15.4	23.8	24.4	21.4	-9.9
Thailand	19,105.5	20,070.6	19,837.0	37.4	39.3	38.8	3.8
Viet Nam	11,944.5	13,522.8	14,719.0	38.1	43.1	47.0	23.2
ASEAN	222,123.4	216,947.5	205,494.3				

Source:
FAO Statistics 2023

Table 10.3 Terrestrial Protected Areas¹⁾ in ASEAN, 1990, 2000 and 2022

Country	Protected Area (% of total land area)		
	1990	2000	2022
Brunei Darussalam	36.9	44.1	46.9
Cambodia	-	23.1	12.2
Indonesia	10.1	13.6	39.7
Lao PDR	1.5	16.6	18.7
Malaysia	17.2	18.2	6.6
Myanmar	3.0	3.7	13.3
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, 2023

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

-' not available at the time of publication

Table 10.4. GDP Share, Employment, Exports and Imports Share of Agriculture Industry in ASEAN, 2021-2022

(in percent)

Country	GDP Share ¹⁾		Employment Share ²⁾		Exports Share		Imports Share	
	2021	2022	2021	2022	2021	2022	2021	2022
Brunei Darussalam	1.3	1.1	1.3	1.4	0.4	0.3	8.7	7.1
Cambodia	22.8	22.2	-	-	5.4	4.9	6.1	6.2
Indonesia	13.3	12.4	29.8	28.3	21.9	18.9	11.8	11.2
Lao PDR	16.0	17.8	-	-	19.7	20.5	16.3	17.5
Malaysia	9.6	8.9	12.4	10.3	9.8	9.7	8.6	8.0
Myanmar	22.7	22.6	-	-	34.6	27.1	18.0	12.6
Philippines	10.1	9.5	26.0	24.2	9.1	9.5	13.7	14.4
Singapore	0.0	0.0	-	-	3.2	2.9	3.9	3.6
Thailand	8.7	8.8	35.0	31.9	14.3	15.1	6.8	6.5
Viet Nam	12.6	11.9	35.7	29.1	8.5	8.6	8.5	8.7
Total in percent					10.2	9.9	8.0	7.7
Total in million US\$					176,150.5	195,041.8	130,099.9	145,785.1

Source:
ASEAN Secretariat

Notes:

- 1) Share of GDP agriculture, forestry and fisheries to total GDP
2) Refer to Table 3.9. number of employment in ASEAN by economic activities
'-' not available at the time of publication

Table 10.5. Paddy Production in ASEAN, 2013-2022

(in thousand metric ton)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	1.9	2.1	3.1	3.2	2.5	2.3	3.9	4.1	4.2	3.6
Cambodia	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	11,623.9
Indonesia	71,279.7	70,846.5	75,397.8	79,354.8	81,148.6	59,200.5	54,604.0	54,649.2	54,415.3	54,749.0
Lao PDR	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	3,781.6
Malaysia	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	2,364.5
Myanmar	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	27,446.0
Philippines	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	19,904.0
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	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	32,977.8
Viet Nam	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	42,661.6
ASEAN	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	195,511.8

Source:
ASEAN Food Security Information System (AFSIS) Publication

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

Table 10.6. Cassava Production in ASEAN, 2013-2022

(in thousand metric ton)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	3.0	3.0	3.2	3.2	3.3	3.3	0.3	0.3	0.3	0.4
Cambodia	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	14,259.1
Indonesia	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	14,951.4
Lao PDR	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	5,286.0
Malaysia	-	51.9	57.1	62.8	44.2	42.3	37.5	39.4	42.8	42.8
Myanmar	578.6	524.2	484.9	509.3	426.3	394.6	392.4	396.2	326.3	331.5
Philippines	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	2,553.4
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	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	34,068.0
Viet Nam	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	10,646.5
ASEAN	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	82,138.9

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

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

Table 10.7. Maize Production in ASEAN, 2013-2022

(in thousand metric ton)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	-	-	-	-	-	0.3	0.5	0.5	-
Cambodia	843.0	926.9	549.4	560.6	662.8	1,303.8	985.1	821.8	791.5	792.5
Indonesia	18,509.0	19,008.4	19,833.3	23,578.4	28,924.0	21,655.2	23,951.0	23,172.1	23,342.4	23,383.1
Lao PDR	1,214.1	1,412.4	1,516.3	1,530.3	1,203.1	768.0	547.9	535.4	649.2	462.8
Malaysia	86.5	59.2	62.5	64.9	72.6	76.4	-	-	-	60.0
Myanmar	1,525.7	1,626.3	1,720.6	1,855.0	1,831.0	1,984.5	1,986.1	2,072.9	2,274.6	2,311.4
Philippines	7,377.3	7,770.6	7,553.0	7,813.4	8,087.0	7,608.5	8,030.0	8,280.0	8,462.0	8,344.0
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	5,061.1	4,715.3	4,620.0	4,691.0	4,601.2	4,812.4	4,703.0	4,995.2	4,937.8	4,895.7
Viet Nam	5,193.4	5,200.4	5,280.7	5,251.8	5,109.8	4,756.7	4,732.2	4,405.8	4,435.4	4,412.1
ASEAN	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	44,661.6

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

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

Table 10.8. Soybean Production in ASEAN, 2013-2022

(in thousand metric ton)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	131.0	131.1	104.2	70.8	73.3	91.8	30.0	16.2	17.8	19.4
Indonesia	780.0	955.0	983.0	969.5	538.7	650.0	424.2	290.8	215.0	301.5
Lao PDR	13.9	17.0	17.6	17.9	8.0	5.1	4.6	6.3	6.5	4.8
Malaysia	-	-	-	-	-	-	-	-	-	-
Myanmar	237.9	234.9	228.9	246.2	214.8	207.0	204.4	194.6	192.5	195.6
Philippines	0.8	0.7	0.6	0.6	0.7	0.7	0.5	0.5	0.4	0.4
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	52.7	55.9	42.4	37.8	41.2	43.6	35.5	30.8	23.5	20.9
Viet Nam	168.4	156.5	146.4	137.7	101.9	75.9	77.3	60.2	63.6	52.1
ASEAN	1,384.8	1,551.2	1,523.1	1,480.5	978.5	1,073.9	776.6	599.5	519.3	594.7

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

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

Table 10.9. Sugarcane Production in ASEAN, 2013-2022

(in thousand metric ton)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	-	-	-	-	-	0.1	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	1,855.2
Indonesia	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	36,436.8
Lao PDR	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	1,502.3
Malaysia	98.9	9.2	30.3	28.0	30.0	29.4	-	-	-	-
Myanmar	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	11,333.4
Philippines	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	20,326.1
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	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	92,070.7
Viet Nam	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	7,523.0
ASEAN	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	171,047.5

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

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

Table 10.10. Growth Rate of ASEAN Five Major Food Commodities, 2013-2022

(in percent)

Products	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
Paddy	4.1	0.6	-0.6	-0.3	1.9	-11.2	-3.2	2.8	3.4	-1.8	-0.4
Maize	-0.5	2.3	1.0	10.2	11.3	-14.9	4.6	-1.5	1.4	-0.5	1.3
Soybean	-5.7	12.0	-1.8	-2.8	-33.9	9.8	-27.7	-22.8	-13.4	14.5	-7.2
Sugarcane	-0.9	3.2	0.2	-6.6	0.7	18.9	-15.2	-6.3	19.4	-1.6	1.2
Cassava	2.7	0.8	9.4	-2.6	-1.4	-3.4	-0.2	6.3	3.8	-3.8	1.2

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

Table 10.11. 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 database

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

Table 10.12. Production of Selected Agricultural Products in ASEAN, 2021

(in thousand metric ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Cereals, Total	2.7	12,330.0	74,425.3	4,920.0	2,492.9	27,812.7	28,261.1	-	39,383.0	48,301.2	237,928.9
Wheat	-	-	-	-	-	100.0	-	-	1.3	-	101.3
Coconuts	0.4	84.1	17,159.9	-	568.9	1,238.3	14,717.3	0.1	797.7	1,866.2	36,432.9
Total Fruit Primary	7.9	562.0	23,607.8	1,620.6	1,158.0	2,857.6	16,665.1	0.0	10,554.0	11,940.7	68,973.6
Bananas	1.4	331.1	8,741.1	1,166.5	330.6	-	5,942.2	-	1,342.0	2,346.9	20,201.8
Mangoes	-	64.8	3,561.9	4.8	75.8	14.3	752.8	-	1,635.2	1,439.3	7,549.0
Citrus Fruit	0.5	70.9	2,513.9	93.0	48.1	-	152.4	-	1,115.1	2,617.9	6,611.8
Other Crops	-	-	-	-	-	-	-	-	-	-	-
Coffee, Green	-	0.4	765.4	161.2	4.2	8.9	60.6	-	30.0	1,845.0	2,875.7
Tea	-	-	563.0	10.7	7.1	115.8	-	-	98.7	1,073.0	1,868.4
Cocoa beans	-	-	728.0	-	0.5	-	10.0	-	0.1	2.0	740.7
Natural Rubber	0.3	374.3	3,121.5	225.7	469.7	259.5	430.6	-	4,643.7	1,271.9	10,797.1
Palm Oil Fruit	-	556.5	256,591.2	-	91,393.7	-	522.9	-	16,234.4	-	365,298.6
Sweet Potatoes	0.3	43.6	1,649.0	110.9	52.5	63.2	545.5	0.0	-	1,231.5	3,696.5
Groundnuts	-	20.0	759.0	49.7	0.2	1,601.1	30.6	-	22.0	430.4	2,913.0

Source:
FAOSTAT database

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

Table 10.13. Livestock and Poultry Population in ASEAN, 2018-2021

(head/thousand head)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2021											
Livestock Population (Head)											
Buffaloes	1,311	675,264	1,189,260	1,243,959	63,586	1,980,000	2,849,006	-	748,484	2,264,700	11,015,570
Cattle	353	2,695,963	18,053,710	2,258,176	701,117	10,300,000	2,605,262	174	4,627,914	6,365,300	47,607,969
Goats	4,169	-	19,229,067	711,218	328,944	2,145,000	3,868,337	741	488,883	2,720,955	29,497,314
Pigs	765	2,073,815	8,011,776	4,468,192	1,857,839	6,780,000	9,943,119	-	7,743,876	23,533,400	64,412,782
Sheep	4,499	-	17,902,991	-	124,223	440,000	30,000	-	41,906	-	18,543,619
Poultry Population (Thousand Head)											
Chicken	21,596	12,735	3,478,147	49,532	302,779	98,000	176,820	3,895	288,966	526,300	4,958,770
Duck	229	8,948	58,652	3,633	9,679	8,700	12,512	-	14,598	82,003	198,954
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

Table 10.13. Livestock and Poultry Population in ASEAN, 2018-2021 (Continued)

(head/thousand head)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
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
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

Source:
FAOSTAT database

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

Table 10.14. Livestock and Poultry Meat Production in ASEAN, 2018-2021

(in thousand metric ton)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2021											
Livestock production											
Beef and Buffalo Meat	4.3	59.5	458.8	61.3	40.8	136.9	182.7	0.0	154.6	347.5	1,446.4
Pig meat	0.0	107.4	323.7	101.6	219.2	285.0	1,187.3	31.3	927.7	2,590.0	5,773.1
Mutton and Goat Meat	0.1	-	117.6	2.8	3.6	12.0	32.3	0.0	2.1	21.3	191.9
Poultry production											
Poultry meat	31.6	27.8	3,888.5	43.2	1,625.5	682.5	1,367.6	84.8	1,844.9	1,702.9	11,299.3
Total meat production	36.0	194.6	4,788.6	208.9	1,889.1	1,116.4	2,769.9	116.1	2,929.3	4,661.8	18,710.7
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

Table 10.14. Livestock and Poultry Meat Production in ASEAN, 2018-2021 (Continued)

(in thousand metric ton)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
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 10.15. ASEAN Exports of Agricultural Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
01	Animals; live	434.6	448.8	514.0	637.2	480.4	1,019.9	1,129.8	1,422.5	1,007.7	620.0	10.9
02	Meat and edible meat offal	658.7	969.8	993.4	1,019.6	1,101.9	1,235.1	1,290.7	1,396.1	1,409.5	1,656.4	11.5
03	Fish and crustaceans, molluscs and other aquatic invertebrates	12,117.9	12,885.5	10,918.0	11,911.1	13,529.8	13,564.1	13,396.8	12,848.3	13,760.1	15,712.4	3.3
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,648.3	1,779.7	1,578.7	1,447.6	1,599.0	1,680.5	1,821.6	2,047.3	2,162.0	2,320.0	4.2
05	Animal originated products; not elsewhere specified or included	144.6	139.6	110.6	111.6	145.6	168.5	216.2	179.9	256.9	264.8	8.9
06	Trees and other plants, live; bulbs, roots and the like; cut flowers and ornamental foliage	371.4	357.1	359.0	382.3	380.4	390.1	400.0	328.3	385.2	393.0	1.0
07	Vegetables and certain roots and tubers; edible	3,483.3	3,692.9	4,180.4	3,897.7	3,506.6	3,074.8	2,722.5	3,316.8	4,372.2	4,993.9	5.2
08	Fruit and nuts, edible; peel of citrus fruit or melons	5,390.1	6,724.5	6,761.2	8,808.0	11,915.6	12,275.9	14,247.1	13,950.1	16,184.7	14,519.2	12.6
09	Coffee, tea, mate and spices	5,987.1	6,976.7	6,642.9	7,112.4	6,743.3	6,256.9	5,566.0	5,461.2	6,078.9	7,040.9	2.3
10	Cereals	8,462.6	9,809.8	8,747.5	7,619.8	9,507.1	9,903.2	8,331.8	8,538.9	8,489.2	9,445.0	2.0
11	Products of the milling industry; malt, starches, inulin, wheat gluten	2,367.2	2,511.2	2,650.9	2,396.6	2,370.6	2,725.8	2,756.2	2,717.1	3,496.7	3,848.8	6.0
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	1,216.5	1,096.6	908.4	1,038.9	1,034.1	1,095.5	1,304.8	1,427.8	1,473.9	1,398.7	2.2
13	Lac; gums, resins and other vegetable saps and extracts	396.4	387.2	360.3	372.4	372.0	445.9	514.4	447.5	566.8	791.7	9.2
14	Vegetable plaiting materials; vegetable products not elsewhere specified or included	159.9	181.6	211.6	216.6	256.7	275.4	331.7	474.8	560.4	706.3	18.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	37,683.8	39,399.6	33,307.3	32,716.7	39,245.4	34,697.1	31,043.6	36,260.7	56,261.4	64,664.9	8.0

Table 10.15. ASEAN Exports of Agricultural Products, 2013–2022 (Continued)

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013–2022
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	10,690.4	10,334.9	9,277.4	9,286.5	10,237.2	10,681.9	11,023.0	11,243.5	11,140.6	12,290.3	1.7
17	Sugars and sugar confectionery	4,656.3	4,072.9	3,986.6	4,702.2	4,800.6	4,471.0	4,494.5	3,500.5	3,472.2	5,410.0	3.5
18	Cocoa and cocoa preparations	3,102.0	3,659.7	3,492.5	3,451.7	3,199.7	3,415.7	3,662.3	3,568.9	3,768.2	4,057.1	3.3
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	5,181.4	5,589.0	5,416.0	5,527.9	6,065.5	6,395.3	6,764.4	6,395.3	6,709.1	7,397.9	4.2
20	Preparations of vegetables, fruit, nuts or other parts of plants	3,252.3	3,496.7	3,805.4	4,034.7	4,083.8	3,695.7	4,085.3	4,447.7	5,161.7	5,397.2	6.0
21	Miscellaneous edible preparations	5,544.0	6,705.9	6,393.9	6,675.5	7,181.9	10,678.2	11,601.1	12,215.1	13,596.0	14,618.0	12.2
22	Beverages, spirits and vinegar	5,460.0	5,700.0	5,697.8	5,802.7	6,443.9	6,354.2	6,536.4	5,421.1	6,268.9	6,227.4	1.8
23	Food industries, residues and wastes thereof; prepared animal fodder	3,571.5	3,689.1	3,373.9	3,430.4	3,564.3	4,136.8	4,214.1	5,047.5	6,690.1	8,294.8	10.5
24	Tobacco and manufactured tobacco substitutes	2,985.9	3,291.3	3,326.3	3,336.7	3,337.9	3,531.1	3,739.2	2,853.6	2,878.1	2,973.2	0.4
	TOTAL	124,966.2	133,900.0	123,013.8	125,936.7	141,103.6	142,168.5	141,193.7	145,510.5	176,150.5	195,041.8	5.4

Source:
ASEAN Secretariat

Note:
HS Chapters 01–24: Agriculture (based on WTO Classifications)

Table 10.16. ASEAN Imports of Agricultural Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
01	Animals; live	876.9	1,454.0	1,500.1	1,467.2	1,331.9	1,486.4	1,917.3	2,103.3	1,968.9	1,389.4	8.0
02	Meat and edible meat offal	2,798.8	3,536.6	3,307.4	3,651.4	3,979.3	4,507.8	4,798.8	5,095.8	6,698.6	7,962.8	12.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	5,759.6	5,719.6	5,387.4	5,970.9	6,908.2	6,897.1	7,638.7	7,239.2	8,203.4	9,969.0	6.7
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	6,097.8	6,692.5	4,932.4	4,467.8	5,125.4	5,436.8	5,895.8	5,954.7	6,872.1	8,547.0	4.9
05	Animal originated products; not elsewhere specified or included	480.6	619.6	459.2	461.7	567.5	741.5	817.0	584.9	638.4	696.6	6.4
06	Trees and other plants, live; bulbs, roots and the like; cut flowers and ornamental foliage	198.8	192.3	208.8	225.4	252.1	242.9	240.6	272.0	299.3	358.0	7.0
07	Vegetables and certain roots and tubers; edible	2,835.4	2,786.7	3,124.2	3,605.2	3,975.1	3,739.9	4,031.6	4,161.0	4,967.5	6,038.9	9.1
08	Fruit and nuts, edible; peel of citrus fruit or melons	3,447.2	3,782.0	4,473.5	5,592.5	7,314.4	7,103.0	7,442.2	7,068.3	9,935.5	8,620.4	12.0
09	Coffee, tea, mate and spices	1,404.0	1,624.5	1,649.3	1,702.7	1,784.0	1,904.7	1,897.0	2,000.8	2,194.7	2,726.6	7.9
10	Cereals	9,093.5	10,036.7	10,390.5	10,290.3	9,798.9	12,935.2	12,834.5	12,966.3	17,121.8	18,792.1	9.1
11	Products of the milling industry; malt, starches, inulin, wheat gluten	1,911.8	1,918.6	1,919.6	1,905.5	1,834.4	2,044.4	2,154.1	1,915.6	1,964.7	2,656.7	4.4
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	4,487.2	4,665.4	4,413.0	4,423.7	4,809.6	4,562.3	4,942.3	5,318.3	7,159.7	7,532.1	6.5
13	Lac; gums, resins and other vegetable saps and extracts	366.5	361.1	358.9	378.7	386.8	430.1	476.3	450.3	546.3	617.0	6.3
14	Vegetable plaiting materials; vegetable products not elsewhere specified or included	64.2	67.8	64.9	53.8	62.2	60.9	81.9	83.8	86.0	121.4	8.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,123.7	4,710.9	4,793.1	4,659.1	5,715.0	5,441.8	5,257.9	6,987.9	10,685.6	12,652.0	14.7
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	903.5	936.1	976.2	1,025.7	986.8	1,044.3	1,140.4	1,179.4	1,258.1	1,533.3	6.2
17	Sugars and sugar confectionery	4,230.5	3,863.9	3,986.2	6,813.1	5,625.3	5,008.9	4,100.4	5,229.6	6,279.2	7,514.5	9.6
18	Cocoa and cocoa preparations	2,140.6	2,793.9	2,376.8	2,475.8	2,552.6	2,772.6	2,969.1	2,833.4	3,423.4	3,526.5	6.4

Table 10.16. ASEAN Imports of Agricultural Products, 2013-2022 (Continued)

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	3,160.2	3,245.0	3,149.6	3,214.8	3,477.2	3,712.3	4,096.9	4,297.4	4,585.8	4,942.1	5.2
20	Preparations of vegetables, fruit, nuts or other parts of plants	1,318.8	1,297.5	1,388.8	1,586.6	1,642.5	1,666.1	1,822.0	1,765.5	1,896.9	2,339.4	6.8
21	Miscellaneous edible preparations	4,889.8	4,985.7	4,961.5	5,334.6	5,714.4	6,207.7	7,073.3	7,287.4	8,672.2	9,171.6	7.4
22	Beverages, spirits and vinegar	4,686.4	4,672.7	4,367.7	4,715.6	4,610.8	5,834.9	5,769.5	4,974.6	6,008.2	6,929.5	5.2
23	Food industries, residues and wastes thereof; prepared animal fodder	11,166.0	12,133.1	10,838.8	10,526.6	11,043.5	12,355.2	12,151.3	12,314.6	15,981.1	18,494.1	6.3
24	Tobacco and manufactured tobacco substitutes	2,960.1	2,867.2	2,644.9	2,832.1	2,965.7	3,301.0	3,041.9	2,612.3	2,652.4	2,654.0	-0.9
	TOTAL	79,401.9	84,963.8	81,672.8	87,380.9	92,463.5	99,438.1	102,591.1	104,696.3	130,099.9	145,785.1	7.2

Source:
ASEAN Secretariat

Note:
HS-code chapters: 01-24 on agriculture (based on WTO classifications)

Table 10.17. ASEAN Trade of Agricultural Products by ASEAN Member States, 2022

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
01	Animals; live	0.0	16.4	0.2	8.3	63.9	512.3	132.3	143.3	206.4	46.3	13.4	6.3	1.7	15.6	28.5	211.7	156.5	131.8	16.9	297.3	620.0	1,389.4
02	Meat and edible meat offal	0.0	29.9	-	61.6	20.0	1,072.6	2.9	10.5	59.5	1,543.5	1.3	1.6	0.7	2,242.6	141.1	1,185.4	1,347.2	289.9	83.7	1,525.2	1,656.4	7,962.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	32.6	52.9	0.3	18.9	4,009.1	535.7	0.1	8.3	668.7	1,341.5	731.4	16.2	392.4	756.6	228.7	936.9	1,670.0	3,919.1	7,979.1	2,382.9	15,712.4	9,969.0
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	0.8	46.9	4.7	69.3	662.3	1,989.2	0.5	8.1	707.6	1,391.6	3.2	55.7	48.7	1,625.7	338.9	1,349.5	377.6	1,008.7	175.6	1,002.3	2,320.0	8,547.0
05	Animal originated products; not elsewhere specified or included	0.0	0.0	0.4	12.3	37.5	119.0	0.1	1.1	4.6	24.0	1.0	39.5	1.5	32.1	16.2	40.8	85.9	63.7	117.6	364.1	264.8	696.6
06	Trees and other plants, live; bulbs, roots and the like; cut flowers and ornamental foliage	0.0	2.5	0.0	0.5	22.3	11.9	2.3	3.0	115.4	19.2	0.1	0.6	5.6	2.1	13.6	96.4	134.2	55.1	99.5	166.7	393.0	358.0
07	Vegetables and certain roots and tubers; edible	0.0	49.3	7.0	7.5	99.3	952.3	709.7	36.5	228.2	1,034.9	1,568.5	0.6	14.9	186.0	26.8	644.3	1,873.2	1,246.0	466.2	1,881.5	4,993.9	6,038.9
08	Fruit and nuts, edible; peel of citrus fruit or melons	0.5	69.0	221.0	19.6	948.7	1,500.6	292.7	37.1	381.3	972.9	273.5	19.0	1,916.2	540.1	118.0	724.1	5,745.9	1,273.1	4,621.5	3,465.1	14,519.2	8,620.4
09	Coffee, tea, mate and spices	0.0	9.7	25.8	8.7	1,873.3	502.1	107.0	5.1	116.3	757.8	69.0	9.7	2.3	194.0	203.4	334.8	122.9	498.3	4,521.0	406.5	7,040.9	2,726.6
10	Cereals	0.0	43.8	416.5	57.8	51.9	4,455.3	70.2	35.0	51.3	2,507.6	1,447.9	145.7	10.0	4,328.7	57.1	324.3	4,083.2	1,189.2	3,256.9	5,704.7	9,445.0	18,792.1

Table 10.17. ASEAN Trade of Agricultural Products by ASEAN Member States, 2022 (Continued)

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
11	Products of the milling industry; malt, starches, inulin, wheat gluten	0.0	15.6	32.3	144.3	98.8	383.6	90.5	53.8	97.8	655.7	48.1	60.9	6.1	334.6	70.2	196.2	2,045.1	440.2	1,359.7	371.8	3,848.8	2,656.7
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	0.7	11.8	0.1	9.8	557.7	2,181.0	15.4	7.3	38.7	784.4	242.3	18.3	39.7	280.8	61.8	168.6	228.2	2,240.1	214.3	1,830.0	1,398.7	7,532.1
13	Lac; gums, resins and other vegetable saps and extracts	0.0	0.5	0.4	3.1	275.3	101.3	1.8	0.2	6.9	90.7	5.3	2.5	322.0	61.7	37.2	51.9	60.7	177.2	81.9	127.9	791.7	617.0
14	Vegetable plaiting materials; vegetable products not elsewhere specified or included	0.0	0.1	-	0.1	494.8	3.0	4.7	0.1	127.8	6.3	12.1	0.1	2.8	1.5	12.9	36.1	10.8	66.4	40.4	7.8	706.3	121.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	0.5	27.1	70.9	24.3	35,159.5	371.0	0.1	13.4	24,018.7	4,367.9	1.1	717.8	2,200.2	1,991.3	464.6	2,990.0	2,041.0	466.4	708.4	1,682.8	64,664.9	12,652.0
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	0.5	24.6	0.1	19.0	1,483.2	72.6	0.0	7.4	397.2	193.1	7.2	6.6	482.5	170.0	78.4	551.9	7,023.0	389.0	2,818.2	99.0	12,290.3	1,533.3

Table 10.17. ASEAN Trade of Agricultural Products by ASEAN Member States, 2022 (Continued)

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
17	Sugars and sugar confectionery	0.2	8.1	55.9	85.8	576.1	3,447.0	241.0	249.7	344.9	1,106.2	44.6	58.6	64.3	769.9	102.6	364.5	3,788.3	368.0	192.0	1,056.7	5,410.0	7,514.5
18	Cocoa and cocoa preparations	0.2	13.1	0.4	6.2	1,259.7	822.9	0.0	0.6	1,799.6	1,403.3	-	6.3	17.3	303.0	878.8	620.3	69.4	259.6	31.7	91.2	4,057.1	3,526.5
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	0.6	69.0	23.0	191.5	1,426.1	568.2	0.1	34.9	1,742.4	1,032.8	6.1	186.7	257.5	695.6	1,086.6	650.0	1,913.5	683.1	942.0	830.5	7,397.9	4,942.1
20	Preparations of vegetables, fruit, nuts or other parts of plants	0.1	20.0	84.0	19.1	428.3	290.5	2.4	4.6	152.7	524.0	17.4	7.3	824.5	453.5	109.4	419.8	2,433.8	371.9	1,344.5	228.7	5,397.2	2,339.4
21	Miscellaneous edible preparations	0.8	50.7	2.7	131.3	1,584.4	1,207.0	8.2	31.7	1,775.8	1,578.7	20.9	400.0	255.2	1,980.6	7,085.1	1,188.1	2,767.4	1,204.6	1,117.5	1,398.8	14,618.0	9,171.6
22	Beverages, spirits and vinegar	0.2	47.4	3.4	273.8	190.2	198.9	244.2	300.0	593.5	717.5	3.8	77.2	34.9	872.4	2,821.8	3,422.4	1,985.9	487.0	349.5	533.0	6,227.4	6,929.5
23	Food industries, residues and wastes thereof; prepared animal fodder	7.3	54.0	56.3	414.1	2,590.6	4,581.9	1.9	318.7	850.9	1,550.8	56.6	323.9	89.9	2,792.4	344.7	266.8	3,184.2	2,696.4	1,112.3	5,495.1	8,294.8	18,494.1
24	Tobacco and manufactured tobacco substitutes	-	0.0	7.7	272.2	1,488.7	828.5	32.8	26.1	42.8	146.0	20.0	26.0	535.6	317.9	450.0	456.7	195.7	261.8	200.0	318.7	2,973.2	2,654.0
	TOTAL	45.1	662.5	1,013.2	1,859.1	55,401.7	26,708.1	1,961.2	1,336.4	34,529.1	23,796.6	4,594.7	2,187.0	7,526.5	20,948.8	14,776.4	17,231.7	43,343.4	19,786.6	31,850.6	31,268.3	195,041.8	145,785.1

Source:
ASEAN Secretariat

Note:
HS-code chapters: 01-24 on agriculture (based on WTO classifications)

Table 10.18. ASEAN Major Market of Agricultural Exports, 2021 and 2022

2021			2022		
Major Markets	Value (million US\$)	Share (%)	Major Markets	Value (million US\$)	Share (%)
ASEAN	36,872.7	20.9	ASEAN	42,106.4	21.6
China (People's Republic of)	33,454.9	19.0	China (People's Republic of)	34,266.4	17.6
USA	20,122.3	11.4	USA	21,309.1	10.9
EU-27	15,258.6	8.7	EU-27	17,340.2	8.9
Japan	10,615.6	6.0	India	12,532.9	6.4
India	9,960.0	5.7	Japan	11,962.6	6.1
Korea, Republic of	4,248.5	2.4	Korea, Republic of	5,318.5	2.7
Australia	3,976.4	2.3	Pakistan	4,444.8	2.3
Pakistan	3,329.8	1.9	Australia	3,738.1	1.9
Hong Kong	2,669.5	1.5	United Kingdom	2,401.6	1.2
Top Ten Country/Region	140,508.4	79.8	Top Ten Country/Region	155,420.6	79.7
Others	35,642.1	20.2	Others	39,621.2	20.3
TOTAL	176,150.5	100	TOTAL	195,041.8	100

Source:
ASEAN Secretariat

Note:
HS-code chapters: 01-24 on agriculture (based on WTO classifications)

Table 10.19. ASEAN Major Origin of Agricultural Imports, 2021 and 2022

2021			2022		
Major Markets	Value (million US\$)	Share (%)	Major Markets	Value (million US\$)	Share (%)
ASEAN	35,680.6	27.4	ASEAN	40,678.8	27.9
USA	14,098.1	10.8	USA	14,505.1	9.9
China	12,446.1	9.6	China	14,329.5	9.8
Australia	10,543.5	8.1	Brazil	11,632.8	8.0
EU-27	10,023.2	7.7	Australia	11,326.9	7.8
Brazil	8,794.0	6.8	EU-27	10,660.0	7.3
Argentina	8,013.8	6.2	Argentina	9,117.6	6.3
India	7,038.3	5.4	India	8,473.3	5.8
New Zealand	3,396.6	2.6	New Zealand	4,355.1	3.0
Canada	1,877.3	1.4	Canada	2,214.2	1.5
Top Ten Country/Region	111,911.4	86.0	Top Ten Country/Region	127,293.3	87.3
Others	18,188.6	14.0	Others	18,491.8	12.7
Total	130,099.9	100	Total	145,785.1	100

Source:
ASEAN Secretariat

Note:
HS-code chapters: 01-24 on agriculture (based on WTO classifications)

Table 10.20. ASEAN Top Five Major Markets/Origin of Agricultural Commodities, 2022

HS Code	Description	ASEAN		China		USA		EU-27		India	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
01	Animals; live	571.7	587.3	0.3	8.6	32.6	67.7	4.5	40.0	0.0	0.0
02	Meat and edible meat offal	347.3	330.1	393.2	96.0	6.1	719.5	194.1	1,133.5	0.6	1,567.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,101.4	2,028.0	3,117.7	1,176.6	3,158.5	271.7	1,240.8	264.8	44.2	901.4
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	887.4	730.1	686.6	43.7	72.8	1,547.3	17.7	1,862.0	1.7	68.2
05	Animal originated products; not elsewhere specified or included	27.1	35.2	88.0	303.9	29.0	107.8	46.7	64.9	2.1	20.1
06	Trees and other plants, live; bulbs, roots and the like; cut flowers and ornamental foliage	79.2	105.2	17.8	101.4	43.0	1.1	36.0	60.2	3.0	8.0
07	Vegetables and certain roots and tubers; edible	1,470.5	2,613.4	2,221.1	2,434.0	50.2	82.6	53.6	150.1	625.6	297.0
08	Fruit and nuts, edible; peel of citrus fruit or melons	1,394.9	2,208.9	8,012.5	2,579.2	1,019.5	694.0	957.3	85.2	194.3	60.2
09	Coffee, tea, mate and spices	868.4	968.1	334.7	337.7	1,046.4	24.1	2,091.8	52.5	414.2	461.8
10	Cereals	3,173.2	3,139.0	1,287.3	48.2	565.3	1,771.5	681.8	100.3	2.3	1,592.6
11	Products of the milling industry; malt, starches, inulin, wheat gluten	841.8	803.8	2,363.8	405.8	101.6	34.8	49.3	480.8	1.5	234.0
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	214.2	294.2	729.6	531.9	45.3	2,483.0	74.5	52.5	68.3	655.7
13	Lac; gums, resins and other vegetable saps and extracts	80.0	67.0	124.9	190.9	93.1	56.0	161.5	132.8	70.8	49.5
14	Vegetable plaiting materials; vegetable products not elsewhere specified or included	66.3	102.7	29.7	11.1	7.7	0.2	15.1	1.1	19.4	2.2

Table 10.20. ASEAN Top Five Major Markets/Origin of Agricultural Commodities, 2022 (Continued)

HS Code	Description	ASEAN		China		USA		EU-27		India	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	8,921.6	8,947.2	9,184.9	771.5	3,498.1	720.4	7,050.0	280.4	10,290.0	210.5
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	726.4	634.4	77.4	524.2	2,773.4	80.6	1,240.6	34.8	1.3	14.9
17	Sugars and sugar confectionery	3,301.7	3,202.7	678.4	893.8	165.1	185.2	47.8	153.8	10.1	1,277.8
18	Cocoa and cocoa preparations	1,219.3	967.1	361.9	86.9	424.9	104.9	362.8	301.3	259.8	55.1
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	3,037.0	2,885.3	495.7	401.0	571.1	116.8	532.4	571.5	91.1	48.8
20	Preparations of vegetables, fruit, nuts or other parts of plants	557.6	400.8	760.8	706.6	1,620.5	399.5	629.6	370.1	40.3	114.2
21	Miscellaneous edible preparations	4,884.1	4,677.6	696.6	1,149.2	4,528.3	1,101.4	596.6	717.8	51.7	130.0
22	Beverages, spirits and vinegar	3,606.9	1,738.7	786.3	311.3	84.7	488.5	105.3	2,233.4	98.5	42.3
23	Food industries, residues and wastes thereof; prepared animal fodder	2,038.0	2,111.7	1,751.4	835.8	1,157.5	3,354.1	954.1	1,354.6	183.5	552.8
24	Tobacco and manufactured tobacco substitutes	1,690.7	1,100.0	65.5	380.3	214.3	92.4	196.5	161.4	58.8	108.1
	TOTAL	42,106.4	40,678.8	34,266.4	14,329.5	21,309.1	14,505.1	17,340.2	10,660.0	12,532.9	8,473.3

Source:
ASEAN Secretariat

Note:
HS-code chapters: 01-24 on agriculture (based on WTO classifications)

Table 10.21. ASEAN Exports of Forestry Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
44	Wood and articles of wood; wood charcoal	16,410.7	16,662.5	15,637.7	15,356.5	14,735.6	14,790.9	13,796.6	12,877.1	16,262.3	17,469.9	1.1
45	Cork and articles of cork	1.6	1.7	1.3	1.6	2.4	2.6	2.5	3.4	3.3	3.6	11.9
46	Manufactures of straw, esparto or other plaiting materials; basketware and wickerwork	325.6	337.6	336.2	333.6	335.8	362.5	424.0	465.7	660.8	572.6	7.4
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	2,526.3	2,496.0	2,437.9	2,374.6	3,134.7	4,077.7	4,266.3	4,087.4	5,100.7	5,707.2	10.3
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	8,181.3	8,356.0	7,866.8	7,752.0	8,822.9	9,699.1	9,806.0	9,446.4	10,979.2	11,484.9	4.1
49	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	1,586.3	1,635.6	1,401.2	1,252.9	1,388.1	1,415.9	1,111.8	982.8	956.2	873.5	(5.9)
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	12,183.3	12,003.8	11,952.5	12,093.5	13,136.6	14,184.2	17,338.2	20,671.6	23,945.4	24,174.7	8.2
6808	Panels, boards, tiles, blocks and the like; of vegetable fibre, of straw, shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders	23.5	27.4	23.5	21.8	23.2	22.2	19.2	13.2	11.8	13.0	(5.3)
	TOTAL	41,238.6	41,520.6	39,657.2	39,186.5	41,579.4	44,555.1	46,764.6	48,547.7	57,919.7	60,299.5	4.5

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.22. ASEAN Imports of Forestry Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
44	Wood and articles of wood; wood charcoal	4,108.5	4,697.0	4,451.0	4,164.6	4,799.3	5,289.2	5,394.0	4,886.6	6,424.1	6,709.2	6.3
45	Cork and articles of cork	10.7	13.8	12.6	13.2	17.2	23.2	20.1	23.5	25.3	29.7	13.2
46	Manufactures of straw, esparto or other plaiting materials; basketware and wickerwork	23.3	23.8	32.2	36.1	35.8	34.5	39.1	37.2	34.4	40.1	6.9
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	3,006.5	3,171.0	2,751.0	2,870.0	3,421.1	3,964.3	3,877.6	3,404.4	5,661.7	5,854.0	9.7
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	9,529.4	9,780.5	9,432.0	9,800.7	10,733.4	11,381.6	11,778.5	10,677.0	12,412.8	12,766.8	3.5
49	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	1,395.1	1,626.1	1,342.6	1,379.9	1,427.1	1,324.4	1,279.0	1,284.4	1,437.1	1,336.5	0.0
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	4,428.4	4,569.6	4,741.0	5,283.8	5,639.9	6,148.0	7,097.4	6,647.1	7,956.7	8,604.7	7.9
6808	Panels, boards, tiles, blocks and the like; of vegetable fibre, of straw, shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders	30.8	31.9	25.3	34.4	37.2	46.9	42.9	32.2	37.3	40.7	4.9
	TOTAL	22,532.7	23,913.7	22,787.6	23,582.7	26,110.9	28,212.0	29,528.5	26,992.3	33,989.4	35,381.7	5.5

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.23. ASEAN Trade of Forestry Products by ASEAN Member States, 2022

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
44	Wood and articles of wood; wood charcoal	3.1	15.2	286.0	330.1	5,343.9	737.2	84.8	237.8	3,423.1	1,778.9	185.1	43.4	614.2	1,339.2	96.1	814.4	3,428.9	850.1	6,294.9	3,099.4	19,759.9	9,245.8
45	Cork and articles of cork	0.0	0.0	0.1	0.3	0.3	12.2	0.0	0.7	0.6	1.9	0.0	0.1	0.5	2.6	1.8	2.2	0.2	2.4	1.5	12.5	4.9	35.1
46	Manufactures of straw, esparto or other plaiting materials; basketware and wickerwork	0.0	0.2	1.9	0.5	176.8	1.4	0.1	0.4	6.9	10.7	5.6	0.8	49.5	1.5	2.5	9.3	11.9	9.0	516.2	16.3	771.5	50.1
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	1.3	0.1	0.0	2.6	3,826.6	2,508.8	361.8	383.4	431.6	1,117.8	2.7	2.3	232.0	141.6	570.6	216.8	625.9	1,437.0	38.1	1291.9	6,090.5	7,102.4
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	1.1	51.2	39.2	955.3	6,176.0	2,545.7	499.8	176.2	2,294.1	2,811.0	9.2	433.2	151.9	2,150.2	1,768.6	1,919.0	2,266.4	2,832.1	2,561.5	3,832.3	15,767.7	17,706.2
49	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	0.2	12.4	9.9	48.2	49.0	252.7	2.6	4.8	283.9	330.2	0.0	10.8	9.7	215.1	560.3	426.8	92.7	234.5	174.8	217.6	1,183.0	1,753.1

Table 10.23. ASEAN Trade of Forestry Products by ASEAN Member States, 2022 (Continued)

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
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	1.6	61.8	962.4	252.0	3,550.8	2,071.0	38.1	29.8	4,391.1	1,884.8	28.5	71.9	556.0	1,082.7	442.5	1,908.2	2,170.3	1,786.8	15,252.7	1,269.5	27,394.1	10,418.5
6808	Panels, boards, tiles, blocks and the like; of vegetable fibre, of straw, shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders	0.0	0.3	0.0	2.2	3.9	3.2	0.0	2.1	4.0	4.8	0.0	31.1	0.0	3.4	0.6	5.8	10.0	3.5	0.0	6.4	18.5	62.8
	TOTAL	7.2	141.3	1,299.5	1,591.2	19,127.4	8,132.2	987.2	835.2	10,835.2	7,940.2	231.2	593.7	1,613.8	4,936.4	3,442.8	5,302.5	8,606.4	7,155.4	24,839.7	9,746.1	70,990.3	46,374.0

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.24. ASEAN Major Market of Forestry Exports, 2021 and 2022

2021			2022		
Major Markets	Value (million US\$)	Share (%)	Major Markets	Value (million US\$)	Share (%)
USA	20,018.8	34.6	USA	19,665.7	32.6
China	10,481.2	18.1	China	10,470.9	17.4
ASEAN	6,731.8	11.6	ASEAN	7,278.3	12.1
Japan	5,410.8	9.3	Japan	6,086.0	10.1
EU-27	3,205.5	5.5	EU-27	3,412.5	5.7
Korea, Republic of	2,642.8	4.6	Korea, Republic of	2,758.5	4.6
Australia	1,377.4	2.4	Australia	1,428.0	2.4
United Kingdom	1,026.8	1.8	India	1,275.1	2.1
India	970.6	1.7	Taiwan	976.4	1.6
Taiwan	893.8	1.5	United Kingdom	905.6	1.5
Top Ten Country/Region	52,759.6	91.1	Top Ten Country/Region	54,256.9	90.0
Others	5,160.1	8.9	Others	6,042.6	10.0
TOTAL	57,919.7	100	TOTAL	60,299.5	100

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.25. ASEAN Major Origin of Forestry Imports, 2021 and 2022

2021		
Major Markets	Value (million US\$)	Share (%)
China	11,450.7	33.7
ASEAN	7,586.6	22.3
EU-27	3,209.5	9.4
USA	3,088.9	9.1
Japan	1,898.2	5.6
Korea, Republic of	1,284.1	3.8
Canada	840.9	2.5
Taiwan	680.6	2.0
United Kingdom	638.3	1.9
Sweden	498.5	1.5
Top Ten Country/Region	31,176.1	91.7
Others	2,813.3	8.3
Total	33,989.4	100

2022		
Major Markets	Value (million US\$)	Share (%)
China	12,457.9	35.2
ASEAN	7,815.7	22.1
USA	3,460.3	9.8
EU-27	3,176.7	9.0
Japan	1,838.9	5.2
Korea, Republic of	1,210.0	3.4
Canada	931.9	2.6
Taiwan	641.5	1.8
United Kingdom	552.8	1.6
Sweden	505.6	1.4
Top Ten Country/Region	32,591.2	92.1
Others	2,790.5	7.9
Total	35,381.7	100

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.26. ASEAN Top Five Major Markets/Origin of Forestry Commodities, 2022

HS Code	Description	USA		China		ASEAN		Japan		EU-27	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
44	Wood and articles of wood; wood charcoal	2,501.7	533.5	4,026.9	1,921.4	1,455.0	1,813.7	3,770.5	156.3	835.0	722.9
45	Cork and articles of cork	1.1	0.8	0.3	16.7	1.2	0.7	0.5	1.3	0.1	4.7
46	Manufactures of straw, esparto or other plaiting materials; basketware and wickerwork	230.4	0.1	10.0	28.3	12.9	6.9	22.3	0.5	186.1	3.1
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	9.5	2,214.7	4,404.3	49.5	321.5	539.3	43.9	306.6	61.8	709.1
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	998.9	346.8	1,683.8	4,291.6	3,844.8	3,930.1	534.6	1,060.7	438.0	1,009.3
49	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	123.6	158.3	60.7	318.7	272.1	299.2	82.4	59.4	37.5	117.3
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	15,798.3	205.9	284.9	5,815.7	1,365.6	1,204.8	1,630.1	252.7	1,853.8	609.0
6808	Panels, boards, tiles, blocks and the like; of vegetable fibre, of straw, shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders	2.2	0.2	0.1	16.0	5.3	20.9	1.8	1.5	0.2	1.3
	TOTAL	19,665.7	3,460.3	10,470.9	12,457.9	7,278.3	7,815.7	6,086.0	1,838.9	3,412.5	3,176.7

Source:
ASEAN Secretariat

Note:
HS-code: 44-49, 94, 6808 on forestry (based on FAO classifications)

Table 10.27. ASEAN Exports of Fisheries Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
03	Fish and crustaceans, molluscs and other aquatic invertebrates	12,117.9	12,885.5	10,918.0	11,911.1	13,529.8	13,564.1	13,396.8	12,848.3	13,760.1	15,712.4	3.3
1212	Locust beans, seaweeds and other algae, sugar beet, sugar cane, fresh, chilled, frozen or dried, whether or not ground; fruit stones, kernels and other vegetable products (including unroasted chicory roots) used primarily for human consumption, n.e.c.	227.5	310.6	218.1	166.9	216.4	270.5	305.9	280.8	310.3	541.3	14.2
1302	Vegetable saps and extracts; pectic substances, pectinates and pectates; agar-agar and other mucilages and thickeners, whether or not modified, derived from vegetable products	296.2	308.5	280.8	293.4	296.7	360.4	434.5	371.8	457.2	658.7	10.6
1504	Fats and oils and their fractions of fish or marine mammals; whether or not refined, but not chemically modified	101.2	72.8	45.1	52.0	52.9	55.7	75.2	81.0	79.1	141.0	8.3
1604	Prepared or preserved fish; caviar and caviar substitutes prepared from fish eggs	4,972.7	4,356.7	3,772.0	3,654.0	4,123.9	4,372.2	4,650.8	4,773.3	4,235.5	4,761.9	0.0
1605	Crustaceans, molluscs and other aquatic invertebrates, prepared or preserved	3,286.3	3,617.7	3,089.9	3,143.8	3,398.6	3,497.7	3,233.2	3,576.8	4,050.6	4,079.1	2.8
2301	Flours, meal and pellets, of meat or meat offal, of fish or of crustaceans, molluscs or other aquatic invertebrates, unfit for human consumption; greaves	352.2	471.3	480.4	500.7	363.0	421.0	366.8	422.8	444.5	618.7	8.3
051191	Animal products; of fish or crustaceans, molluscs or other aquatic invertebrates; dead animals of chapter 03, unfit for human consumption	25.8	37.2	36.5	43.2	51.3	63.8	96.7	58.8	66.6	89.0	18.2
151610	Animal fats and oils and their fractions; partly or wholly hydrogenated, inter-esterified, re-esterified or elaidinised, whether or not refined, but not further prepared	1.8	2.1	0.8	3.1	4.3	0.9	0.3	0.2	0.8	0.3	44.0
151790	Edible mixtures or preparations of animal or vegetable fats or oils or of fractions of different fats or oils of this chapter, other than edible fats or oils of heading no. 1516	941.2	1,132.9	924.8	1,004.3	1,312.8	1,235.5	1,147.5	1,232.5	2,148.4	2,662.0	14.9
	TOTAL	21,379.8	22,060.4	18,840.7	19,765.1	22,032.5	22,605.4	22,560.0	22,413.6	23,403.9	26,602.1	2.8

Source:
ASEAN Secretariat

Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 051191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Table 10.28. ASEAN Imports of Fisheries Products, 2013-2022

(in million US\$)

HS Code	Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Average Annual Growth 2013-2022
03	Fish and crustaceans, molluscs and other aquatic invertebrates	5,759.6	5,719.6	5,387.4	5,970.9	6,908.2	6,897.1	7,638.7	7,239.2	8,203.4	9,969.0	6.7
1212	Locust beans, seaweeds and other algae, sugar beet, sugar cane, fresh, chilled, frozen or dried, whether or not ground; fruit stones, kernels and other vegetable products (including unroasted chicory roots) used primarily for human consumption, n.e.c.	96.0	104.0	106.5	119.9	145.3	148.7	146.3	139.7	148.0	191.4	8.4
1302	Vegetable saps and extracts; pectic substances, pectinates and pectates; agar-agar and other mucilages and thickeners, whether or not modified, derived from vegetable products	310.6	308.4	303.2	318.9	331.7	367.0	415.8	398.3	476.2	550.2	6.8
1504	Fats and oils and their fractions of fish or marine mammals; whether or not refined, but not chemically modified	93.8	95.4	79.8	111.1	108.2	101.4	118.1	111.2	112.4	141.6	5.9
1604	Prepared or preserved fish; caviar and caviar substitutes prepared from fish eggs	404.8	376.3	379.2	428.1	403.0	412.7	517.4	594.9	562.5	696.7	6.9
1605	Crustaceans, molluscs and other aquatic invertebrates, prepared or preserved	256.9	299.6	298.0	303.0	288.7	292.6	282.5	206.9	273.5	345.3	4.7
2301	Flours, meal and pellets, of meat or meat offal, of fish or of crustaceans, molluscs or other aquatic invertebrates, unfit for human consumption; greaves	944.0	944.1	931.5	934.6	955.5	1,285.6	1,287.3	1,378.9	1,691.9	1,962.3	9.1
051191	Animal products; of fish or crustaceans, molluscs or other aquatic invertebrates; dead animals of chapter 03, unfit for human consumption	63.9	82.5	81.2	99.0	105.0	79.5	94.7	77.6	77.6	93.2	5.8
151610	Animal fats and oils and their fractions; partly or wholly hydrogenated, inter-esterified, re-esterified or elaidinised, whether or not refined, but not further prepared	5.8	5.2	5.2	4.3	4.2	4.0	3.4	2.2	3.8	2.2	(6.2)
151790	Edible mixtures or preparations of animal or vegetable fats or oils or of fractions of different fats or oils of this chapter, other than edible fats or oils of heading no. 1516	139.0	145.3	148.9	169.8	208.1	192.8	220.3	193.3	279.5	384.5	13.4
	TOTAL	7,929.5	7,929.8	7,566.7	8,285.5	9,245.5	9,584.6	10,500.7	10,146.9	11,545.5	13,949.8	6.8

Source:
ASEAN Secretariat

Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 0511191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Table 10.29. ASEAN Trade of Fisheries Products by ASEAN Member States, 2022

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
03	Fish and crustaceans, molluscs and other aquatic invertebrates	32.6	52.9	0.3	18.9	4,009.1	535.7	0.1	8.3	668.7	1,341.5	731.4	16.2	392.4	756.6	228.7	936.9	1,670.0	3,919.1	7,979.1	2,382.9	15,712.4	9,969.0
1212	Locust beans, seaweeds and other algae, sugar beet, sugar cane, fresh, chilled, frozen or dried, whether or not ground; fruit stones, kernels and other vegetable products (including unroasted chicory roots) used primarily for human consumption, n.e.c.	0.7	0.5	0.0	0.7	443.2	20.8	2.5	0.8	4.9	9.1	18.1	0.3	28.7	10.0	1.4	7.4	8.0	60.5	33.8	81.3	541.3	191.4
1302	Vegetable saps and extracts; pectic substances, pectinates and pectates; agar-agar and other mucilages and thickeners, whether or not modified, derived from vegetable products	0.0	0.5	0.3	3.1	208.6	96.2	0.8	0.2	5.1	86.3	0.0	2.5	320.9	58.3	31.9	34.6	13.9	166.6	77.2	101.8	658.7	550.2
1504	Fats and oils and their fractions of fish or marine mammals; whether or not refined, but not chemically modified	0.0	0.0	0.0	0.5	2.4	15.9	0.0	1.0	20.5	40.1	0.0	0.1	5.6	2.3	0.8	35.5	24.2	17.3	87.5	28.8	141.0	141.6
1604	Prepared or preserved fish; caviar and caviar substitutes prepared from fish eggs	0.0	6.8	0.0	5.6	400.9	33.4	0.0	3.5	163.9	114.1	2.9	2.6	377.5	35.8	41.8	152.8	3,016.3	291.3	758.5	50.8	4,761.9	696.7
1605	Crustaceans, molluscs and other aquatic invertebrates, prepared or preserved	0.0	5.9	0.0	2.3	1,080.5	8.2	0.0	0.3	50.6	64.1	4.3	0.3	79.5	12.4	18.0	150.7	819.9	65.8	2,026.3	35.2	4,079.1	345.3
2301	Flours, meal and pellets, of meat or meat offal, of fish or of crustaceans, molluscs or other aquatic invertebrates, unfit for human consumption; greaves	0.0	0.0	0.0	29.6	14.2	450.5	0.0	5.9	35.8	79.7	51.0	27.1	18.8	223.3	1.1	0.9	172.8	286.3	324.9	858.9	618.7	1,962.3

Table 10.29. ASEAN Trade of Fisheries Products by ASEAN Member States, 2022 (Continued)

(in million US\$)

HS Code	Description	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Viet Nam		ASEAN	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
051191	Animal products; of fish or crustaceans, molluscs or other aquatic invertebrates; dead animals of chapter 03, unfit for human consumption	0.0	0.0	0.0	0.0	7.2	9.0	0.0	0.0	0.8	5.6	0.3	0.0	0.0	0.5	8.5	8.7	17.8	25.4	54.5	43.9	89.0	93.2
151610	Animal fats and oils and their fractions; partly or wholly hydrogenated, inter-esterified, re-esterified or elaidinised, whether or not refined, but not further prepared	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.3	0.0	0.3	2.2
151790	Edible mixtures or preparations of animal or vegetable fats or oils or of fractions of different fats or oils of this chapter, other than edible fats or oils of heading no. 1516	0.0	0.8	0.0	0.7	1,839.2	36.2	0.0	5.0	641.1	18.2	0.0	7.2	2.1	49.1	133.3	101.2	5.5	101.5	40.9	64.5	2,662.0	384.5
	TOTAL	33.3	66.6	0.7	60.7	6,166.1	1,169.8	3.5	20.1	950.3	1,740.6	807.9	49.2	1,223.4	1,099.3	332.2	1,327.5	5,742.9	4,832.3	11,341.8	3,583.6	26,602.1	13,949.8

Source:
ASEAN Secretariat

Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 0511191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Table 10.30. ASEAN Major Market of Fisheries Exports, 2021 and 2022

2021		
Major Markets	Value (million US\$)	Share (%)
USA	6,243.2	26.7
China	4,225.7	18.1
Japan	3,205.4	13.7
ASEAN	2,664.2	11.4
EU-27	2,036.0	8.7
Korea, Republic of	1,259.8	5.4
Australia	749.7	3.2
Canada	576.8	2.5
United Kingdom	501.5	2.1
Taiwan	492.2	2.1
Top Ten Country/Region	21,954.6	93.8
Others	1,449.3	6.2
TOTAL	23,403.9	100

2022		
Major Markets	Value (million US\$)	Share (%)
USA	6,114.0	23.0
China	5,467.6	20.6
Japan	3,760.0	14.1
ASEAN	3,129.6	11.8
EU-27	2,403.8	9.0
Korea, Republic of	1,459.6	5.5
Australia	940.0	3.5
Canada	747.4	2.8
Taiwan	579.9	2.2
United Kingdom	498.6	1.9
Top Ten Country/Region	25,100.5	94.4
Others	1,501.6	5.6
TOTAL	26,602.1	100

Source:
ASEAN Secretariat

Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 0511191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Table 10.31. ASEAN Major Origin of Fisheries Imports, 2021 and 2022

2021		
Major Markets	Value (million US\$)	Share (%)
ASEAN	2,587.4	22.4
China	1,559.7	13.5
EU-27	953.0	8.3
India	772.6	6.7
USA	747.8	6.5
Norway	682.9	5.9
Japan	559.0	4.8
Taiwan	451.1	3.9
Korea, Republic of	371.7	3.2
Australia	282.9	2.5
Top Ten Country/Region	8,968.0	77.7
Others	2,577.5	22.3
Total	11,545.5	100

2022		
Major Markets	Value (million US\$)	Share (%)
ASEAN	3,095.0	22.2
China	1,881.6	13.5
EU-27	1,174.0	8.4
India	1,036.6	7.4
Norway	846.5	6.1
USA	842.4	6.0
Japan	615.7	4.4
Taiwan	497.5	3.6
Korea, Republic of	452.0	3.2
Chile	387.8	2.8
Top Ten Country/Region	10,829.1	77.6
Others	3,120.6	22.4
Total	13,949.8	100

Source:
ASEAN Secretariat

Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 0511191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Table 10.32. ASEAN Top Five Major Markets/Origin of Fisheries Commodities, 2022

HS Code	Description	China		USA		ASEAN		Japan		EU-27	
		Export	Import	Export	Import	Export	Import	Export	Import	Export	Import
03	Fish and crustaceans, molluscs and other aquatic invertebrates	3,117.7	1,176.6	3,158.5	271.7	2,101.4	2,028.0	2,133.4	532.4	1,240.8	264.8
1212	Locust beans, seaweeds and other algae, sugar beet, sugar cane, fresh, chilled, frozen or dried, whether or not ground; fruit stones, kernels and other vegetable products (including unroasted chicory roots) used primarily for human consumption, n.e.c.	434.2	38.8	14.9	0.2	25.1	74.9	6.3	1.9	25.5	4.7
1302	Vegetable saps and extracts; pectic substances, pectinates and pectates; agar-agar and other mucilages and thickeners, whether or not modified, derived from vegetable products	106.6	187.7	87.1	55.3	58.5	41.9	17.1	8.0	151.9	121.8
1504	Fats and oils and their fractions of fish or marine mammals; whether or not refined, but not chemically modified	26.8	3.3	24.5	6.7	58.4	54.8	6.7	13.0	2.2	3.1
1604	Prepared or preserved fish; caviar and caviar substitutes prepared from fish eggs	39.9	275.3	1,004.2	1.1	393.0	331.3	710.0	34.0	382.3	10.3
1605	Crustaceans, molluscs and other aquatic invertebrates, prepared or preserved	36.6	161.4	1,768.3	4.9	72.6	87.6	812.1	18.5	466.5	2.2
2301	Flours, meal and pellets, of meat or meat offal, of fish or of crustaceans, molluscs or other aquatic invertebrates, unfit for human consumption; greaves	451.8	11.1	0.0	447.8	86.1	147.6	48.1	2.1	0.0	755.5
051191	Animal products; of fish or crustaceans, molluscs or other aquatic invertebrates; dead animals of chapter 03, unfit for human consumption	3.2	24.6	0.9	32.0	14.2	22.5	9.8	1.4	40.4	1.9
151610	Animal fats and oils and their fractions; partly or wholly hydrogenated, inter-esterified, re-esterified or elaidinised, whether or not refined, but not further prepared	0.0	0.5	0.0	0.0	0.1	0.7	0.0	0.2	0.0	0.6
151790	Edible mixtures or preparations of animal or vegetable fats or oils or of fractions of different fats or oils of this chapter, other than edible fats or oils of heading no. 1516	1,250.9	2.2	55.5	22.8	320.2	305.8	16.4	4.1	94.2	9.0
	TOTAL	4,216.8	1,878.9	6,058.5	819.7	2,809.4	2,788.5	3,743.6	611.4	2,309.6	1,164.3

Source:
ASEAN Secretariat

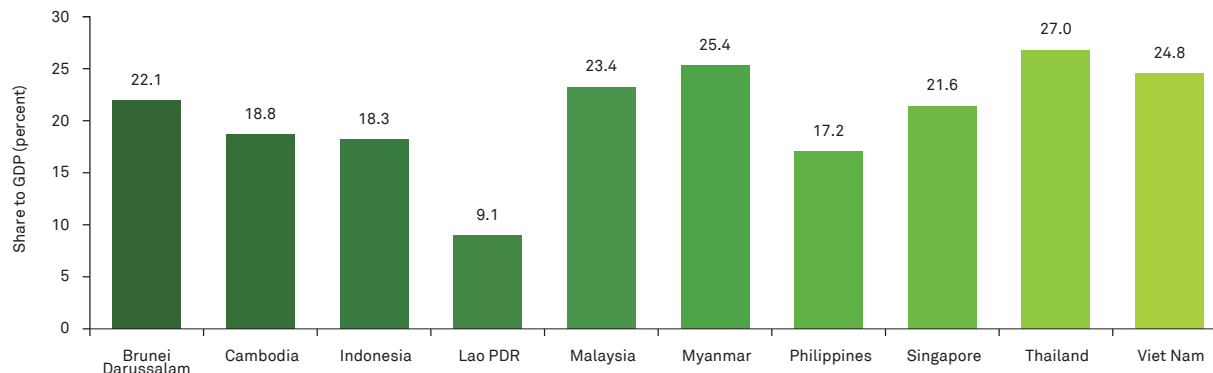
Note:
HS-code: 03, 1212, 1302, 1504, 1604, 1605, 2301, 0511191, 151610, 151790, etc on fisheries (based on FAO Classifications)

Chapter 11

MANUFACTURING



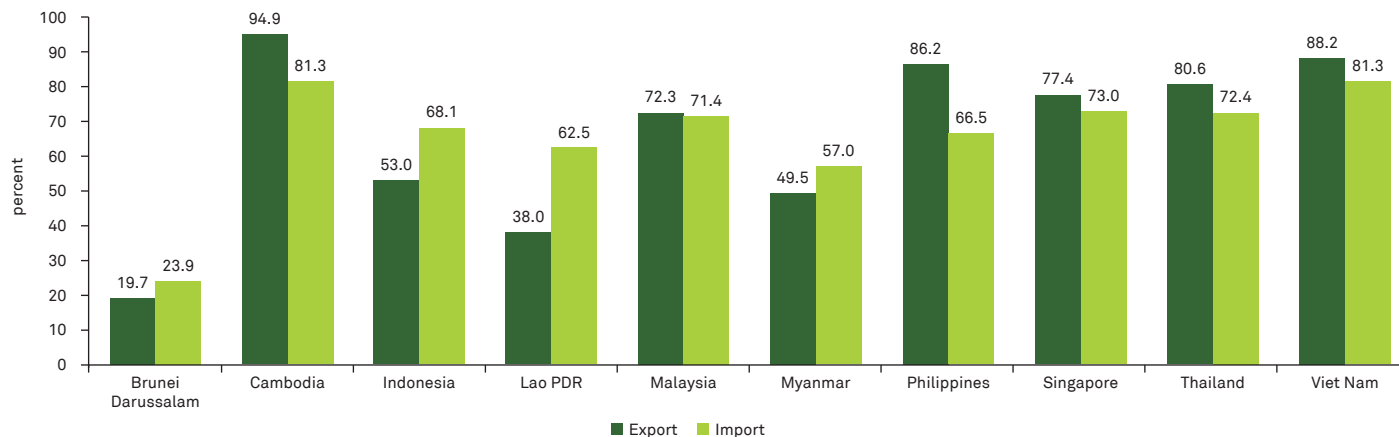
Chart 11.1. Manufacturing Industry Share to GDP, 2022



Source:
ASEAN Secretariat

Note:
Based on the share GVA of manufacturing industry to GDP

Chart 11.2. Manufacturing Share to Exports and Imports, 2022



Source:
ASEAN Secretariat

Note:
Based on the share GVA of manufacturing industry to GDP

Table 11.1. The Share of Manufacturing Industry to GDP, Employment, Exports and Imports in ASEAN, 2020-2022

(in percent)

Country	Manufacturing share to GDP ¹⁾			Employment Share ²⁾			Exports Share			Imports Share		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
Brunei Darussalam	15.8	18.5	22.1	4.3	9.1	6.5	18.3	21.1	19.7	52.1	30.4	23.9
Cambodia	16.2	17.9	18.8	-	-	-	95.3	94.5	94.9	82.6	85.4	81.3
Indonesia	19.9	19.2	18.3	13.6	14.3	14.2	59.7	55.7	53.0	74.6	71.8	68.1
Lao PDR	8.4	8.4	9.1	-	-	-	41.7	42.2	38.0	66.0	68.5	62.5
Malaysia	22.2	23.4	23.4	16.7	16.6	16.8	78.3	76.8	72.3	77.2	76.7	71.4
Myanmar	25.5	25.6	25.4	-	-	-	50.7	49.5	49.5	70.8	61.1	57.0
Philippines	17.7	17.6	17.2	8.2	7.8	8.0	86.6	87.0	86.2	75.7	72.5	66.5
Singapore	20.7	22.0	21.6	9.6	9.3	9.6	82.9	81.3	77.4	79.8	76.0	73.0
Thailand	25.6	27.2	27.0	15.9	15.7	16.0	81.9	81.7	80.6	78.2	77.5	72.4
Viet Nam	23.9	24.6	24.8	21.1	22.8	23.3	88.2	88.4	88.2	85.5	84.0	81.3
Total in percent							79.8	78.1	75.1	79.2	77.0	72.8
Total in Million US\$							1,114,673.5	1,342,337.6	1,472,592.7	1,008,152.1	1,252,065.2	1,371,668.6

Source:
ASEAN Secretariat

Notes:

1) Based on the share GVA of manufacturing industry to GDP

2) Refer to Table 3.9

'-' not available at the time of publication

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

Division	Brunei Darussalam 2022	Cambodia 2011	Indonesia 2022	Malaysia 2022	Myanmar 2022	Philippines 2020	Singapore 2021	Thailand 2022	Viet Nam 2021
10 Manufacture of food products ²⁾	156	27,624	7,852	12,357	23,484	8,666	1,253	11,375	186,849
11 Manufacture of beverages	9	4,433	704	616	1,730	2,909	-	503	68,192
12 Manufacture of tobacco products	-	8,919	651	24	136	17	-	66	34
13 Manufacture of textiles	30	33	2,120	1,292	1,330	289	122	1,821	30,998
14 Manufacture of wearing apparel	258	1,195	2,190	6,532	1,385	1,216	346	824	99,950
15 Manufacture of leather and related products	-	3	763	363	220	185	21	568	8,282
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	17	144	1,268	2,133	2,121	317	189	3,576	123,902
17 Manufacture of paper and paper products	2	283	821	1,184	324	335	79	982	12,681
18 Printing and reproduction of recorded media	31	1,827	944	4,773	479	1,910	802	1,143	12,341
19 Manufacture of coke and refined petroleum products	2	81	116	206	239	20	18	1,161	251
20 Manufacture of chemicals and chemical products	15	20	1,853	2,787	654	555	334	2,580	11,196
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	8	389	727	95	114	65	499	744
22 Manufacture of rubber and plastics products	5	4	2,476	3,844	1,422	800	282	7,765	10,635
23 Manufacture of other non-metallic mineral products	23	4,713	1,670	3,091	1,862	762	150	5,736	23,589
24 Manufacture of basic metals	12	37	639	2,548	1,601	334	39	1,069	3,215
25 Manufacture of fabricated metal products, except machinery and equipment	26	2,823	1,649	6,379	3,128	1,134	1,173	7,824	126,365
26 Manufacture of computer, electronics and optical products	1	46	369	1,573	7	243	390	209	2,900
27 Manufacture of electrical equipment	4	10	597	1,437	158	216	243	2,150	2,453
28 Manufacture of machinery and equipment n.e.c.	1	2	892	2,967	163	281	1,803	2,445	3,664
29 Manufacture of motor vehicles, trailers and semi-trailers	-	35	846	1,490	355	186	95	5,067	705
30 Manufacture of other transport equipment	3	1,955	454	661	42	79	899	578	1,552
31 Manufacture of furniture	23	277	1,330	3,630	808	662	669	1,414	95,756
32 Other manufacturing	5	15,928	904	2,516	558	360	568	12,822	9,226
33 Repair and installation of machinery and equipment	28	926	379	4,967	4,486	494	-	38	15,248
All Industries	656	71,326	31,876	68,097	46,787	22,084	9,540	72,215	850,728

Source:
ASEAN Secretariat

Notes:

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

2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
-'-' not available at the time of publication

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

(in percent)

Division	Brunei Darussalam 2022	Cambodia 2011	Indonesia 2022	Malaysia 2022	Myanmar 2022	Philippines 2020	Singapore 2021	Thailand 2022	Viet Nam 2021
10 Manufacture of food products ²⁾	23.8	38.7	24.6	18.1	50.2	39.2	13.1	15.8	22.0
11 Manufacture of beverages	1.4	6.2	2.2	0.9	3.7	13.2	-	0.7	8.0
12 Manufacture of tobacco products	-	12.5	2.0	0.0	0.3	0.1	-	0.1	0.0
13 Manufacture of textiles	4.6	0.0	6.7	1.9	2.8	1.3	1.3	2.5	3.6
14 Manufacture of wearing apparel	39.3	1.7	6.9	9.6	3.0	5.5	3.6	1.1	11.7
15 Manufacture of leather and related products	-	0.0	2.4	0.5	0.5	0.8	0.2	0.8	1.0
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.6	0.2	4.0	3.1	4.5	1.4	2.0	5.0	14.6
17 Manufacture of paper and paper products	0.3	0.4	2.6	1.7	0.7	1.5	0.8	1.4	1.5
18 Printing and reproduction of recorded media	4.7	2.6	3.0	7.0	1.0	8.6	8.4	1.6	1.5
19 Manufacture of coke and refined petroleum products	0.3	0.1	0.4	0.3	0.5	0.1	0.2	1.6	0.0
20 Manufacture of chemicals and chemical products	2.3	0.0	5.8	4.1	1.4	2.5	3.5	3.6	1.3
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.8	0.0	1.2	1.1	0.2	0.5	0.7	0.7	0.1
22 Manufacture of rubber and plastics products	0.8	0.0	7.8	5.6	3.0	3.6	3.0	10.8	1.3
23 Manufacture of other non-metallic mineral products	3.5	6.6	5.2	4.5	4.0	3.5	1.6	7.9	2.8
24 Manufacture of basic metals	1.8	0.1	2.0	3.7	3.4	1.5	0.4	1.5	0.4
25 Manufacture of fabricated metal products, except machinery and equipment	4.0	4.0	5.2	9.4	6.7	5.1	12.3	10.8	14.9
26 Manufacture of computer, electronics and optical products	0.2	0.1	1.2	2.3	0.0	1.1	4.1	0.3	0.3
27 Manufacture of electrical equipment	0.6	0.0	1.9	2.1	0.3	1.0	2.5	3.0	0.3
28 Manufacture of machinery and equipment n.e.c.	0.2	0.0	2.8	4.4	0.3	1.3	18.9	3.4	0.4
29 Manufacture of motor vehicles, trailers and semi-trailers	-	0.0	2.7	2.2	0.8	0.8	1.0	7.0	0.1
30 Manufacture of other transport equipment	0.5	2.7	1.4	1.0	0.1	0.4	9.4	0.8	0.2
31 Manufacture of furniture	3.5	0.4	4.2	5.3	1.7	3.0	7.0	2.0	11.3
32 Other manufacturing	0.8	22.3	2.8	3.7	1.2	1.6	6.0	17.8	1.1
33 Repair and installation of machinery and equipment	4.3	1.3	1.2	7.3	9.6	2.2	-	0.1	1.8
All Industries	100	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat (computed from Table 11.2)

Notes:

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

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

'-' not available at the time of publication

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

Division	Brunei Darussalam 2022	Cambodia 2011	Indonesia 2022	Malaysia 2022	Myanmar 2022	Philippines 2020	Singapore 2021	Thailand 2022	Viet Nam 2021
10 Manufacture of food products ²⁾	2,188	68,353	1,049,851	493,000	167,149	238,167	31,241	633,050	880,199
11 Manufacture of beverages	217	12,892	103,032	16,000	29,469	47,109	-	30,230	140,647
12 Manufacture of tobacco products	-	2,334	291,228	2,000	4,066	7,005	-	4,300	9,373
13 Manufacture of textiles	210	39,041	423,845	40,000	28,802	14,775	695	198,920	366,226
14 Manufacture of wearing apparel	1,760	294,433	843,303	219,000	426,702	76,169	1,584	208,820	1,663,102
15 Manufacture of leather and related products	-	40,864	498,327	12,000	58,744	25,950	397	77,520	1,361,789
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	304	7,402	252,705	97,000	27,046	16,794	2,582	133,590	374,355
17 Manufacture of paper and paper products	23	1,265	152,384	57,000	6,748	29,083	2,835	57,470	153,602
18 Printing and reproduction of recorded media	556	3,800	76,153	52,000	7,364	27,052	10,595	52,420	82,751
19 Manufacture of coke and refined petroleum products	2,696	57	25,475	17,000	1,950	2,575	4,396	17,160	8,388
20 Manufacture of chemicals and chemical products	965	9,154	252,558	109,000	10,762	34,461	18,686	93,370	154,679
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	92	309	86,668	29,000	4,069	13,850	8,885	49,800	54,124
22 Manufacture of rubber and plastics products	65	1,236	425,851	280,000	31,788	57,402	9,974	425,430	377,151
23 Manufacture of other non-metallic mineral products	627	18,275	182,759	101,000	33,858	40,885	4,041	155,450	316,690
24 Manufacture of basic metals	422	503	192,842	104,000	22,773	20,508	2,185	63,590	129,647
25 Manufacture of fabricated metal products, except machinery and equipment	574	15,392	187,735	172,000	18,959	61,806	32,181	300,500	577,917
26 Manufacture of computer, electronics and optical products	2	15	155,141	396,000	1,858	245,141	74,316	94,660	858,404
27 Manufacture of electrical equipment	109	236	153,381	107,000	14,495	32,686	8,115	382,190	252,193
28 Manufacture of machinery and equipment n.e.c.	1	119	103,695	103,000	1,394	20,222	58,164	116,130	107,000
29 Manufacture of motor vehicles, trailers and semi-trailers	-	15	289,243	89,000	3,296	100,085	2,864	280,510	158,305
30 Manufacture of other transport equipment	61	1,761	110,372	45,000	1,255	14,918	50,597	47,810	102,152
31 Manufacture of furniture	320	3,685	167,585	103,000	5,480	21,413	6,912	87,110	600,008
32 Other manufacturing	35	6,807	228,681	44,000	18,166	30,039	19,140	349,650	251,932
33 Repair and installation of machinery and equipment	1,974	2,393	34,345	32,000	19,432	16,538	-	1,490	67,882
All Industries	13,201	530,341	6,287,158	2,719,000	945,625	1,194,633	350,385	3,861,170	9,048,516

Source:
ASEAN Secretariat

Notes:

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

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

'-' not available at the time of publication

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

(in percent)

Division	Brunei Darussalam 2022	Cambodia 2011	Indonesia 2022	Malaysia 2022	Myanmar 2022	Philippines 2020	Singapore 2021	Thailand 2022	Viet Nam 2021
10 Manufacture of food products ²⁾	16.6	12.9	16.7	12.1	18.1	17.7	19.9	8.9	16.4
11 Manufacture of beverages	1.6	2.4	1.6	0.7	0.6	3.1	3.9	-	0.8
12 Manufacture of tobacco products	-	0.4	4.6	0.1	0.1	0.4	0.6	-	0.1
13 Manufacture of textiles	1.6	7.4	6.7	1.4	1.5	3.0	1.2	0.2	5.2
14 Manufacture of wearing apparel	13.3	55.5	13.4	2.9	8.1	45.1	6.4	0.5	5.4
15 Manufacture of leather and related products	-	7.7	7.9	0.5	0.4	6.2	2.2	0.1	2.0
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.3	1.4	4.0	4.9	3.6	2.9	1.4	0.7	3.5
17 Manufacture of paper and paper products	0.2	0.2	2.4	2.5	2.1	0.7	2.4	0.8	1.5
18 Printing and reproduction of recorded media	4.2	0.7	1.2	2.7	1.9	0.8	2.3	3.0	1.4
19 Manufacture of coke and refined petroleum products	20.4	0.0	0.4	0.8	0.6	0.2	0.2	1.3	0.4
20 Manufacture of chemicals and chemical products	7.3	1.7	4.0	4.8	4.0	1.1	2.9	5.3	2.4
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.7	0.1	1.4	0.8	1.1	0.4	1.2	2.5	1.3
22 Manufacture of rubber and plastics products	0.5	0.2	6.8	11.3	10.3	3.4	4.8	2.8	11.0
23 Manufacture of other non-metallic mineral products	4.7	3.4	2.9	4.7	3.7	3.6	3.4	1.2	4.0
24 Manufacture of basic metals	3.2	0.1	3.1	4.6	3.8	2.4	1.7	0.6	1.6
25 Manufacture of fabricated metal products, except machinery and equipment	4.3	2.9	3.0	6.4	6.3	2.0	5.2	9.2	7.8
26 Manufacture of computer, electronics and optical products	0.0	0.0	2.5	16.8	14.6	0.2	20.5	21.2	2.5
27 Manufacture of electrical equipment	0.8	0.0	2.4	4.1	3.9	1.5	2.7	2.3	9.9
28 Manufacture of machinery and equipment n.e.c.	0.0	0.0	1.6	4.1	3.8	0.1	1.7	16.6	3.0
29 Manufacture of motor vehicles, trailers and semi-trailers	-	0.0	4.6	3.9	3.3	0.3	8.4	0.8	7.3
30 Manufacture of other transport equipment	0.5	0.3	1.8	2.0	1.7	0.1	1.2	14.4	1.2
31 Manufacture of furniture	2.4	0.7	2.7	4.0	3.8	0.6	1.8	2.0	2.3
32 Other manufacturing	0.3	1.3	3.6	1.8	1.6	1.9	2.5	5.5	9.1
33 Repair and installation of machinery and equipment	15.0	0.5	0.5	2.1	1.2	2.1	1.4	-	0.0
All Industries	100	100	100	100	100	100	100	100	100

Source:
ASEAN Secretariat (computed from Table 11.4)

Notes:

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

2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
'-' not available at the time of publication

Table 11.6. Index of Industrial Production for Manufacturing Industry in ASEAN, 2013-2022

(annual change in percent)

Indicator/Year	Indonesia (2010=100)	Malaysia (2010=100)	Philippines (2018=100)	Singapore (2019=100)	Thailand (2016=100)	Viet Nam (2011=100)
Index						
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
2022	149.4	138.5	92.9	125.1	98.1	107.4
Annual Change						
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
2022	4.0	8.2	22.5	2.7	0.3	2.6

Source:
ASEAN Secretariat

Table 11.7. Index of Selected Industrial Production for Manufacturing Industry in Indonesia¹⁾, 2013-2022

(2010=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10 Manufacture of food products	133.1	147.1	157.3	167.0	183.5	197.8	205.2	200.8	214.8	222.9
11 Manufacture of beverages	109.9	113.2	112.5	112.2	109.1	125.9	147.4	127.2	136.0	149.6
12 Manufacture of tobacco products	103.9	112.1	117.6	114.2	115.5	129.1	125.3	123.0	127.0	147.5
13 Manufacture of textiles	77.3	73.1	71.6	68.7	68.9	72.4	75.0	63.0	69.5	65.3
14 Manufacture of wearing apparels	128.9	133.5	119.0	110.6	116.5	140.0	166.0	128.0	107.7	134.5
15 Manufacture of leather and related products	124.5	132.3	137.0	148.2	156.5	185.9	175.3	122.3	124.8	127.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	70.6	77.0	77.7	78.7	78.4	78.1	70.0	66.9	69.8	64.6
17 Manufacture of paper and paper products	95.5	98.3	94.8	92.1	89.8	89.7	94.6	88.7	91.2	95.5
18 Printing and reproduction of recorded media	127.4	126.4	133.0	131.0	134.6	147.8	176.7	155.0	135.9	135.2
19 Manufacture of coke and refined petroleum products	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	56.1	52.9	49.9
20 Manufacture of chemicals and chemical products	122.5	129.8	131.0	130.6	138.8	130.3	138.1	136.6	138.4	135.9
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	135.2	148.6	167.5	181.6	196.3	202.0	213.2	273.6	374.1	341.5
22 Manufacture of rubber and plastic products	109.7	110.5	115.6	105.7	111.6	123.0	104.9	95.4	95.2	91.5
23 Manufacture of other nonn.a.metallic mineral products	129.4	134.1	143.5	151.8	151.5	156.3	144.6	112.6	114.9	107.2
24 Manufacture of basic metals	108.9	115.7	122.8	123.0	130.4	143.0	145.9	130.7	156.3	175.7
25 Manufacture of fabricated metal products, except machinery and equipment	135.7	140.1	153.2	153.4	163.2	172.2	140.3	117.9	124.0	138.8
26 Manufacture of computers, electronic and optical products	116.8	112.2	115.6	117.5	115.3	96.6	85.9	59.7	56.5	62.7
27 Manufacture of electrical equipment	142.3	156.3	155.6	144.1	143.4	147.1	154.9	135.9	154.4	164.5
28 Manufacture of machinery and equipment n.e.c	116.4	125.7	128.6	133.2	138.3	153.3	140.4	107.3	158.1	205.5
29 Manufacture of motor vehicle, trailers and semin.a.trailers	139.1	145.0	152.6	152.8	151.3	159.4	145.0	106.9	162.6	178.3
30 Manufacture of other transport equipment	79.3	76.0	71.3	71.7	75.2	77.2	73.6	55.8	72.6	74.1
31 Manufacture of furniture	106.8	108.8	113.5	113.8	117.0	118.9	126.8	102.2	134.1	105.2
32 Other manufacturing	78.2	82.4	87.0	81.1	77.6	78.9	84.0	70.2	70.4	68.2
33 Repair and installation of machinery and equipment	93.3	87.9	91.8	88.5	86.5	80.5	71.1	72.1	39.0	46.0
Total Manufacturing Industry	114.9	120.4	126.1	131.1	137.4	142.9	148.6	133.6	143.7	149.4

Table 11.7. Index of Selected Industrial Production for Manufacturing Industry in Indonesia¹⁾, 2013-2022 (Continued)

(2010=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in Index										
10 Manufacture of food products	10.8	10.5	6.9	6.2	9.9	7.8	3.7	-2.1	7.0	3.8
11 Manufacture of beverages	0.7	2.9	-0.6	-0.3	-2.8	15.4	17.1	-13.7	6.9	10.0
12 Manufacture of tobacco products	-0.7	8.0	4.8	-2.8	1.1	11.7	-2.9	-1.9	3.2	16.2
13 Manufacture of textiles	-8.7	-5.5	-2.0	-4.1	0.4	5.0	3.6	-16.0	10.4	-6.1
14 Manufacture of wearing apparels	8.4	3.6	-10.9	-7.0	5.3	20.2	18.5	-22.9	-15.9	24.9
15 Manufacture of leather and related products	4.2	6.2	3.6	8.2	5.6	18.8	-5.7	-30.3	2.0	1.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9.1	9.1	0.9	1.2	-0.3	-0.4	-10.3	-4.5	4.4	-7.4
17 Manufacture of paper and paper products	8.4	2.9	-3.6	-2.8	-2.5	-0.1	5.5	-6.3	2.9	4.7
18 Printing and reproduction of recorded media	4.2	-0.8	5.2	-1.5	2.8	9.8	19.6	-12.3	-12.3	-0.5
19 Manufacture of coke and refined petroleum products	9.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-5.7	-5.7
20 Manufacture of chemicals and chemical products	-2.1	6.0	0.9	-0.2	6.3	-6.1	6.0	-1.1	1.3	-1.8
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	9.4	9.9	12.7	8.4	8.1	2.9	5.6	28.3	36.8	-8.7
22 Manufacture of rubber and plastic products	-3.4	0.7	4.6	-8.5	5.6	10.2	-14.7	-9.1	-0.2	-3.9
23 Manufacture of other non-ferrous metal products	3.1	3.6	7.0	5.8	-0.2	3.1	-7.4	-22.2	2.0	-6.7
24 Manufacture of basic metals	10.6	6.2	6.1	0.1	6.0	9.7	2.0	-10.4	19.6	12.4
25 Manufacture of fabricated metal products, except machinery and equipment	11.4	3.2	9.4	0.1	6.4	5.5	-18.5	-16.0	5.1	12.0
26 Manufacture of computers, electronic and optical products	9.3	-3.9	3.0	1.6	-1.9	-16.3	-11.0	-30.5	-5.5	11.0
27 Manufacture of electrical equipment	7.8	9.8	-0.5	-7.4	-0.5	2.6	5.3	-12.2	13.6	6.5
28 Manufacture of machinery and equipment n.e.c	-4.6	8.0	2.3	3.5	3.9	10.9	-8.4	-23.6	47.4	30.0
29 Manufacture of motor vehicle, trailers and semi-trailers	11.5	4.2	5.2	0.1	-1.0	5.4	-9.1	-26.3	52.1	9.7
30 Manufacture of other transport equipment	-2.5	-4.1	-6.2	0.5	4.9	2.7	-4.6	-24.2	30.1	2.1
31 Manufacture of furniture	3.5	1.8	4.3	0.3	2.8	1.6	6.6	-19.4	31.2	-21.6
32 Other manufacturing	-2.4	5.4	5.5	-6.7	-4.4	1.7	6.4	-16.4	0.3	-3.1
33 Repair and installation of machinery and equipment	-4.6	-5.8	4.4	-3.6	-2.2	-7.0	-11.6	1.3	-46.0	n.a.
Total Manufacturing Industry	6.0	4.8	4.8	4.0	4.7	4.0	4.0	-10.1	7.5	4.0

Source:
ASEAN Secretariat

Notes:

1) Covers establishments with total employment of 20 and over
n.a. not applicable

Table 11.8. Index of Selected Industrial Production for Manufacturing Industry in Malaysia, 2013-2022

(2010=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10 Manufacture of food products	115.3	121.8	120.4	120.6	134.6	116.9	120.1	121.0	123.2	128.7
11 Manufacture of beverages	103.3	121.4	135.8	149.3	162.9	123.7	127.2	108.7	119.4	135.3
12 Manufacture of tobacco products	101.3	106.2	115.9	119.4	121.7	107.3	113.6	95.4	83.6	102.2
13 Manufacture of textiles	89.9	99.2	100.6	104.8	108.9	112.5	117.5	102.0	115.6	120.5
14 Manufacture of wearing apparels	104.1	115.8	129.7	140.5	156.8	127.6	135.4	120.0	121.9	124.6
15 Manufacture of leather and related products	141.5	156.4	169.7	181.9	191.9	119.8	125.9	103.4	115.3	144.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	99.1	110.1	118.0	124.4	129.5	112.9	118.4	104.0	113.6	121.2
17 Manufacture of paper and paper products	116.0	114.5	116.1	120.6	126.0	115.0	120.0	116.5	133.8	143.9
18 Printing and reproduction of recorded media	114.8	113.9	119.4	126.0	131.6	114.4	119.2	113.1	116.6	124.6
19 Manufacture of coke and refined petroleum products	108.5	109.2	110.5	113.9	117.9	110.2	113.2	101.4	112.9	120.0
20 Manufacture of chemicals and chemical products	109.6	113.9	121.5	128.7	134.2	115.5	117.5	108.9	119.5	124.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	154.3	158.7	172.6	180.2	188.5	115.9	120.7	138.2	159.9	169.7
22 Manufacture of rubber and plastic products	138.9	140.3	142.2	147.4	154.0	113.4	118.9	150.2	178.4	161.2
23 Manufacture of other non-metallic mineral products	115.0	122.9	131.3	136.0	142.5	115.1	120.3	103.1	104.2	113.7
24 Manufacture of basic metals	98.6	101.4	102.9	105.2	109.5	112.1	116.6	111.0	114.2	121.9
25 Manufacture of fabricated metal products, except machinery and equipment	155.6	159.9	167.3	175.8	184.1	115.5	119.8	101.3	107.7	115.3
26 Manufacture of computers, electronic and optical products	119.0	134.0	146.9	157.6	170.5	124.1	127.7	130.9	151.3	175.4
27 Manufacture of electrical equipment	106.7	115.9	120.2	127.6	136.7	115.5	119.5	120.6	135.3	148.4
28 Manufacture of machinery and equipment n.e.c	109.6	115.5	124.3	129.9	138.0	117.3	121.4	122.8	137.1	146.7
29 Manufacture of motor vehicle, trailers and semi-trailers	103.6	110.9	120.4	117.3	123.8	106.5	113.9	112.0	112.9	141.7
30 Manufacture of other transport equipment	200.4	246.9	259.8	247.9	258.8	104.7	109.7	95.2	97.9	104.8
31 Manufacture of furniture	101.4	103.2	110.1	121.5	130.3	122.1	132.0	122.8	118.3	129.5
32 Other manufacturing	n.a.	n.a.	n.a.	n.a.	n.a.	107.6	113.3	104.7	107.5	118.2
33 Repair and installation of machinery and equipment	237.3	307.6	227.1	239.7	264.0	126.3	131.2	120.0	119.9	132.1
Total Manufacturing Industry	116.0	123.0	128.9	134.4	142.6	116.0	120.1	116.9	128.1	138.5

Table 11.8. Index of Selected Industrial Production for Manufacturing Industry in Malaysia, 2013-2022 (Continued)

(2010=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in Index										
10 Manufacture of food products	6.1	5.6	-1.1	0.2	11.6	-13.2	2.8	0.8	1.8	4.5
11 Manufacture of beverages	-2.2	17.5	11.9	9.9	9.1	-24.1	2.8	-14.5	9.9	13.3
12 Manufacture of tobacco products	-18.0	4.8	9.1	3.0	1.9	-11.8	5.8	-16.0	-12.4	22.1
13 Manufacture of textiles	-12.1	10.3	1.4	4.2	3.9	3.3	4.4	-13.2	13.3	4.3
14 Manufacture of wearing apparels	3.2	11.2	12.0	8.3	11.6	-18.6	6.1	-11.4	1.6	2.1
15 Manufacture of leather and related products	7.0	10.5	8.5	7.2	5.5	-37.6	5.1	-17.9	11.5	25.6
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.7	11.1	7.2	5.4	4.1	-12.8	4.9	-12.1	9.2	6.7
17 Manufacture of paper and paper products	4.3	-1.3	1.4	3.9	4.5	-8.7	4.3	-2.9	14.9	7.5
18 Printing and reproduction of recorded media	-0.1	-0.8	4.8	5.5	4.4	-13.0	4.2	-5.1	3.1	6.8
19 Manufacture of coke and refined petroleum products	0.2	0.6	1.2	3.1	3.5	-6.5	2.7	-10.4	11.4	6.3
20 Manufacture of chemicals and chemical products	-2.5	3.9	6.7	5.9	4.3	-14.0	1.8	-7.3	9.7	4.1
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-1.1	2.9	8.8	4.4	4.6	-38.5	4.2	14.5	15.7	6.1
22 Manufacture of rubber and plastic products	4.7	1.0	1.4	3.7	4.5	-26.4	4.9	26.3	18.8	-9.6
23 Manufacture of other non-ferrous metal products	-0.3	6.9	6.8	3.6	4.8	-19.2	4.5	-14.3	1.0	9.1
24 Manufacture of basic metals	3.4	2.8	1.5	2.2	4.1	2.4	4.0	-4.8	2.8	6.8
25 Manufacture of fabricated metal products, except machinery and equipment	12.3	2.8	4.6	5.1	4.7	-37.3	3.7	-15.5	6.3	7.1
26 Manufacture of computers, electronic and optical products	11.8	12.6	9.6	7.3	8.2	-27.2	2.9	2.5	15.6	16.0
27 Manufacture of electrical equipment	-0.9	8.6	3.7	6.2	7.1	-15.5	3.4	0.9	12.2	9.7
28 Manufacture of machinery and equipment n.e.c	-0.3	5.4	7.6	4.5	6.2	-15.0	3.5	1.1	11.6	7.0
29 Manufacture of motor vehicle, trailers and semi-trailers	2.8	7.0	8.6	-2.6	5.5	-14.0	7.0	-1.7	0.8	25.6
30 Manufacture of other transport equipment	30.5	23.2	5.2	-4.6	4.4	-59.5	4.8	-13.2	2.8	7.0
31 Manufacture of furniture	-12.2	1.8	6.7	10.4	7.2	-6.3	8.1	-7.0	-3.7	9.5
32 Other manufacturing	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5.3	-7.6	2.6	9.9
33 Repair and installation of machinery and equipment	47.7	29.6	-26.2	5.5	10.1	-52.2	3.9	-8.5	-0.1	10.2
Total Manufacturing Industry	4.2	6.0	4.8	4.3	6.1	-18.6	3.6	-2.7	9.5	8.2

Source:
ASEAN Secretariat

Note:
n.a. not applicable

Table 11.9. Index of Selected Industrial Production for Manufacturing Industry in Philippines, 2013-2022

(2018=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10 Manufacture of food products	79.3	83.4	71.9	88.2	94.3	100.0	100.7	93.7	109.7	125.2
11 Manufacture of beverages	51.2	67.0	69.2	77.5	77.8	100.0	110.4	94.7	91.5	102.3
12 Manufacture of tobacco products	83.5	89.8	118.6	130.2	116.1	100.0	117.8	69.6	70.7	69.5
13 Manufacture of textiles	-	-	-	-	-	100.0	99.2	66.5	72.1	84.7
14 Manufacture of wearing apparels	-	-	-	-	-	100.0	104.6	62.2	64.0	64.9
15 Manufacture of leather and related products	-	-	-	-	-	100.0	96.0	49.7	56.6	62.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	109.9	120.7	85.6	88.3	98.3	100.0	117.4	73.7	94.2	119.8
17 Manufacture of paper and paper products	69.2	71.4	79.4	81.2	84.3	100.0	110.6	95.6	106.2	125.8
18 Printing and reproduction of recorded media	92.2	269.8	271.8	274.9	329.8	100.0	181.3	129.8	124.5	111.2
19 Manufacture of coke and refined petroleum products	84.9	86.5	64.2	59.4	68.5	100.0	56.6	31.2	41.6	57.7
20 Manufacture of chemicals and chemical products	-	-	-	-	-	100.0	95.5	88.2	91.6	130.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	-	-	-	-	100.0	106.4	107.6	87.5	87.4
22 Manufacture of rubber and plastic products	96.9	97.1	95.7	114.5	97.3	100.0	107.9	90.6	95.4	107.2
23 Manufacture of other non-metallic mineral products	86.5	80.5	87.0	83.7	94.3	100.0	111.0	80.6	110.5	118.1
24 Manufacture of basic metals	64.0	60.7	58.7	66.2	97.2	100.0	83.0	71.8	86.9	73.8
25 Manufacture of fabricated metal products, except machinery and equipment	-	-	-	-	-	100.0	126.8	106.0	143.2	186.5
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	100.0	95.4	69.9	81.5	96.7
27 Manufacture of electrical equipment	-	-	-	-	-	100.0	96.5	65.2	101.9	52.5
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	100.0	145.5	85.4	88.9	137.1
29 Manufacture of motor vehicle, trailers and semi-trailers	-	-	-	-	-	-	-	-	-	-
30 Manufacture of other transport equipment	-	-	-	-	-	100.0	97.1	64.3	69.3	76.7
31 Manufacture of furniture	182.6	178.7	128.5	93.3	103.7	100.0	106.7	82.3	89.7	90.0
32 Other manufacturing	-	-	-	-	-	100.0	79.4	70.0	75.9	88.8
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	78.5	83.4	78.2	84.1	92.7	100.0	89.1	50.8	75.8	92.9

Table 11.9. Index of Selected Industrial Production for Manufacturing Industry in Philippines, 2013-2022 (Continued)

(2018=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in Index										
10 Manufacture of food products	-6.7	5.2	-13.8	22.6	6.9	6.1	0.7	-6.9	17.0	14.1
11 Manufacture of beverages	-0.2	31.0	3.3	12.0	0.4	28.5	10.4	-14.2	-3.4	11.8
12 Manufacture of tobacco products	0.3	7.6	32.0	9.8	-10.8	-13.9	17.8	-40.9	1.6	-1.7
13 Manufacture of textiles	-	-	-	-	-	-	-0.8	-32.9	8.3	17.6
14 Manufacture of wearing apparels	-	-	-	-	-	-	4.6	-40.5	3.0	1.5
15 Manufacture of leather and related products	-	-	-	-	-	-	-4.0	-48.2	13.9	10.7
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5.2	9.9	-29.1	3.1	11.3	1.8	17.4	-37.2	27.9	27.1
17 Manufacture of paper and paper products	-15.8	3.2	11.2	2.3	3.8	18.7	10.6	-13.5	11.1	18.5
18 Printing and reproduction of recorded media	3.2	192.5	0.8	1.1	20.0	-69.7	81.3	-28.4	-4.1	-10.6
19 Manufacture of coke and refined petroleum products	-11.5	1.9	-25.8	-7.4	15.4	45.9	-43.4	-44.8	33.2	38.7
20 Manufacture of chemicals and chemical products	-	-	-	-	-	-	-4.5	-7.7	3.8	42.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	-	-	-	-	-	6.4	1.1	-18.7	-0.1
22 Manufacture of rubber and plastic products	-2.8	0.2	-1.4	19.7	-15.0	2.7	7.9	-16.0	5.3	12.4
23 Manufacture of other non-ferrous metal products	-4.9	-6.9	8.0	-3.8	12.6	6.1	11.0	-27.4	37.2	6.8
24 Manufacture of basic metals	20.6	-5.2	-3.4	12.8	46.9	2.9	-17.0	-13.5	21.0	-15.1
25 Manufacture of fabricated metal products, except machinery and equipment	-	-	-	-	-	-	26.8	-16.5	35.1	30.2
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	-	-	-	18.5
27 Manufacture of electrical equipment	-	-	-	-	-	-	-3.5	-32.4	56.3	-48.5
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-	45.5	-41.3	4.1	54.2
29 Manufacture of motor vehicle, trailers and semi-trailers	-	-	-	-	-	-	-	-	-	-
30 Manufacture of other transport equipment	-	-	-	-	-	-	-2.9	-33.8	7.9	10.7
31 Manufacture of furniture	15.6	-2.1	-28.1	-27.4	11.1	-3.6	6.7	-22.9	9.1	0.3
32 Other manufacturing	-	-	-	-	-	-	-20.6	-11.8	8.4	17.1
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	-4.5	6.2	-6.2	7.6	10.2	7.9	-10.9	-43.0	49.2	22.5

Source:
ASEAN Secretariat

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

Table 11.10. Index of Selected Industrial Production for Manufacturing Industry in Singapore, 2013-2022

(2019=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10 Manufacture of food products	84.1	85.4	85.9	89.1	94.8	97.7	100.0	91.6	87.3	100.0
11 Manufacture of beverages	-	-	-	-	-	-	-	-	-	-
12 Manufacture of food, beverages and tobacco products	-	-	-	-	-	-	-	-	-	-
13 Manufacture of textiles	174.9	150.4	146.4	135.3	124.3	114.5	100.0	52.2	30.3	16.9
14 Manufacture of wearing apparels	161.7	102.9	48.4	40.4	42.7	40.0	100.0	118.9	164.8	231.5
15 Manufacture of leather and related products	185.9	162.3	152.4	135.4	120.4	112.3	100.0	58.8	92.8	98.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	134.8	140.2	130.8	124.2	121.5	112.5	100.0	85.5	127.8	153.8
17 Manufacture of paper and paper products	101.4	101.6	97.2	94.6	93.5	100.1	100.0	96.3	100.3	101.7
18 Printing and reproduction of recorded media	188.8	175.9	166.0	141.2	121.4	110.6	100.0	84.5	76.5	80.6
19 Manufacture of coke and refined petroleum products	94.0	86.0	93.3	97.2	105.9	105.4	100.0	83.5	86.0	92.5
20 Manufacture of chemicals and chemical products	81.3	88.9	92.0	90.9	96.9	101.8	100.0	100.6	110.2	101.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	86.5	93.4	85.3	97.1	83.2	89.7	100.0	130.7	145.3	130.3
22 Manufacture of rubber and plastic products	118.9	118.6	108.6	99.2	101.7	100.1	100.0	98.8	116.9	122.5
23 Manufacture of other non-metallic mineral products	175.8	148.5	163.6	146.9	119.0	104.8	100.0	64.0	95.9	96.5
24 Manufacture of basic metals	90.3	116.1	117.0	124.2	126.7	110.9	100.0	97.6	111.2	108.9
25 Manufacture of fabricated metal products, except machinery and equipment	118.4	118.7	110.2	103.3	100.6	100.8	100.0	91.4	110.3	117.6
26 Manufacture of computers, electronic and optical products	67.8	68.2	64.6	73.7	98.0	106.0	100.0	111.1	126.7	129.2
27 Manufacture of electrical equipment	66.4	74.3	75.9	77.0	84.8	95.1	100.0	90.4	106.9	116.1
28 Manufacture of machinery and equipment n.e.c	124.2	134.5	113.8	91.9	98.0	111.9	100.0	109.6	136.5	152.9
29 Manufacture of motor vehicle, trailers and semi-trailers	77.0	82.6	90.7	95.5	113.6	109.7	100.0	87.3	97.7	103.8
30 Manufacture of other transport equipment	105.3	101.1	94.7	95.7	94.1	97.0	100.0	75.7	89.0	108.2
31 Manufacture of furniture	217.6	193.1	170.2	161.6	115.8	108.7	100.0	65.0	93.6	113.5
32 Other manufacturing	55.2	58.9	69.4	76.7	84.2	92.9	100.0	109.6	118.0	122.7
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	0.0
Total Manufacturing Industry	85.0	87.3	82.8	85.9	94.8	101.5	100.0	107.5	121.8	125.1

Table 11.10. Index of Selected Industrial Production for Manufacturing Industry in Singapore, 2013-2022 (Continued)

(2019=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in index										
10 Manufacture of food products	0.0	1.6	0.6	3.7	6.5	3.1	2.3	-8.4	-4.7	14.6
11 Manufacture of beverages	-	-	-	-	-	-	-	-	-	-
12 Manufacture of food, beverages and tobacco products	-	-	-	-	-	-	-	-	-	-
13 Manufacture of textiles	-14.7	-14.0	-2.6	-7.6	-8.1	-7.9	-12.6	-47.8	-41.9	-44.3
14 Manufacture of wearing apparels	-15.5	-36.4	-53.0	-16.6	5.8	-6.3	149.9	18.9	38.6	40.5
15 Manufacture of leather and related products	11.4	-12.7	-6.1	-11.2	-11.0	-6.8	-10.9	-41.2	57.7	6.5
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10.4	4.0	-6.7	-5.0	-2.2	-7.4	-11.1	-14.5	49.5	20.3
17 Manufacture of paper and paper products	5.9	0.1	-4.3	-2.7	-1.2	7.1	-0.1	-3.7	4.2	1.4
18 Printing and reproduction of recorded media	-7.4	-6.8	-5.6	-14.9	-14.0	-8.9	-9.6	-15.5	-9.4	5.3
19 Manufacture of coke and refined petroleum products	-5.9	-8.5	8.5	4.2	8.9	-0.5	-5.1	-16.5	3.0	7.5
20 Manufacture of chemicals and chemical products	3.6	9.4	3.4	-1.1	6.5	5.1	-1.7	0.6	9.6	-7.8
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-2.3	7.9	-8.6	13.8	-14.3	7.7	11.5	30.7	11.2	-10.3
22 Manufacture of rubber and plastic products	-3.5	-0.3	-8.4	-8.6	2.5	-1.6	-0.1	-1.2	18.3	4.8
23 Manufacture of other non-ferrous metal products	-1.3	-15.5	10.2	-10.2	-19.0	-12.0	-4.6	-36.0	49.7	0.6
24 Manufacture of basic metals	-15.6	28.6	0.7	6.2	1.9	-12.4	-9.8	-2.4	14.0	-2.1
25 Manufacture of fabricated metal products, except machinery and equipment	0.1	0.3	-7.2	-6.2	-2.7	0.2	-0.8	-8.6	20.7	6.6
26 Manufacture of computers, electronic and optical products	4.2	0.6	-5.3	14.1	33.0	8.2	-5.7	11.1	14.0	1.9
27 Manufacture of electrical equipment	9.2	11.9	2.2	1.5	10.1	12.2	5.2	-9.6	18.2	8.6
28 Manufacture of machinery and equipment n.e.c	1.8	8.3	-15.4	-19.2	6.6	14.2	-10.7	9.6	24.5	12.0
29 Manufacture of motor vehicle, trailers and semi-trailers	22.7	7.2	9.8	5.3	19.0	-3.4	-8.9	-12.7	11.9	6.2
30 Manufacture of other transport equipment	1.1	-4.0	-6.3	1.0	-1.7	3.1	3.1	-24.3	17.6	21.6
31 Manufacture of furniture	-2.4	-11.3	-11.9	-5.1	-28.4	-6.1	-8.0	-35.0	44.0	21.3
32 Other manufacturing	9.0	6.7	17.9	10.4	9.9	10.2	7.7	9.6	7.7	4.0
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-	-	-
Total Manufacturing Industry	1.7	2.7	-5.1	3.7	10.4	7.0	-1.5	7.5	13.3	2.7

Source:
ASEAN Secretariat

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

Table 11.11. Index of Selected Industrial Production for Manufacturing Industry in Thailand, 2013-2022

(2016=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10/11 Manufacture of food products and beverages	95.7	98.3	98.7	100.0	104.0	110.1	107.8	101.5	104.6	107.0
12 Manufacture of tobacco products	95.9	99.1	100.2	100.0	99.2	97.7	105.6	99.0	59.4	52.7
13 Manufacture of textiles	116.5	112.8	110.1	100.0	83.1	69.0	64.4	63.2	70.3	68.9
14 Manufacture of wearing apparels	115.1	114.1	106.6	100.0	99.4	100.0	92.8	72.0	69.8	69.1
15 Manufacture of leather and related products	104.3	110.5	108.6	100.0	93.5	97.1	97.2	76.6	76.9	90.8
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	123.0	112.4	111.7	100.0	100.4	102.2	95.8	70.2	-	-
17 Manufacture of paper and paper products	-	-	-	-	-	-	-	-	111.0	105.0
18 Printing and reproduction of recorded media	90.7	94.2	95.1	100.0	104.7	107.5	106.8	106.9	-	-
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	-	-	-	95.7	104.1
20 Manufacture of chemicals and chemical products	88.1	82.9	97.6	100.0	105.7	110.8	104.5	97.7	105.2	97.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	97.4	98.4	100.1	100.0	103.6	106.0	105.1	101.5	100.9	117.9
22 Manufacture of rubber and plastic products	71.1	86.7	100.2	100.0	106.7	124.3	131.9	106.4	97.0	95.9
23 Manufacture of other non-metallic mineral products	103.8	99.7	99.7	100.0	104.4	105.1	98.6	91.6	95.0	97.8
24 Manufacture of basic metals	108.5	102.5	99.7	100.0	97.7	102.2	100.4	95.4	102.1	91.1
25 Manufacture of fabricated metal products, except machinery and equipment	96.2	97.0	90.6	100.0	104.3	107.0	96.2	89.3	91.2	86.4
26 Manufacture of computers, electronic and optical products	94.8	95.9	98.4	100.0	97.3	100.1	92.0	87.4	102.7	91.1
27 Manufacture of electrical equipment	102.0	111.3	97.0	100.0	97.8	100.9	95.3	94.3	102.6	96.5
28 Manufacture of machinery and equipment n.e.c	99.1	98.7	99.3	100.0	102.2	98.0	93.5	97.0	101.2	106.6
29 Manufacture of motor vehicle, trailers and semi-trailers	84.9	85.8	82.6	100.0	89.1	93.2	101.3	90.5	89.5	99.8
30 Manufacture of other transport equipment	121.1	95.1	98.7	100.0	101.9	112.1	105.8	75.2	83.9	88.6
31 Manufacture of furniture	113.2	96.7	95.1	100.0	102.8	104.2	102.2	80.2	119.2	93.7
32 Other manufacturing	118.4	123.6	124.7	100.0	102.4	97.6	94.7	95.3	89.2	90.8
33 Repair and installation of machinery and equipment	72.8	83.8	92.5	100.0	97.9	96.6	90.2	77.0	-	-
Total Manufacturing Industry	102.7	98.6	98.7	100.0	101.7	105.7	102.1	92.3	97.7	98.1

Table 11.11. Index of Selected Industrial Production for Manufacturing Industry in Thailand, 2013-2022 (Continued)

(2016=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in Index										
10/11 Manufacture of food products and beverages	-1.1	2.7	0.4	1.3	4.0	5.9	-2.1	-5.8	3.1	2.2
12 Manufacture of tobacco products	6.6	3.4	1.1	-0.2	-0.8	-1.5	8.1	-6.2	-40.0	-11.2
13 Manufacture of textiles	1.1	-3.2	-2.4	-9.2	-16.9	-17.0	-6.7	-1.9	11.4	-2.1
14 Manufacture of wearing apparels	5.0	-0.8	-6.5	-6.2	-0.6	0.5	-7.1	-22.5	-3.1	-1.0
15 Manufacture of leather and related products	-1.1	5.9	-1.7	-7.9	-6.5	3.8	0.1	-21.2	0.3	18.1
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-1.6	-8.6	-0.7	-10.5	0.4	1.8	-6.3	-26.7	-	-
17 Manufacture of paper and paper products	-	-	-	-	-	-	-	-	-	-5.4
18 Printing and reproduction of recorded media	1.0	3.8	1.0	5.2	4.7	2.7	-0.7	0.1	-	-
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	-	-	-	-	8.7
20 Manufacture of chemicals and chemical products	32.0	-5.9	17.8	2.4	5.7	4.8	-5.7	-6.5	7.7	-7.3
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	0.1	1.1	1.7	-0.1	3.6	2.4	-0.9	-3.4	-0.6	16.9
22 Manufacture of rubber and plastic products	-7.7	22.0	15.6	-0.2	6.7	16.5	6.1	-19.3	-8.9	-1.1
23 Manufacture of other non-methalic mineral products	1.3	-3.9	0.0	0.3	4.4	0.6	-6.1	-7.2	3.7	3.0
24 Manufacture of basic metals	4.9	-5.4	-2.7	0.3	-2.3	4.6	-1.7	-5.0	7.0	-10.7
25 Manufacture of fabricated metal products, except machinery and equipment	3.6	0.8	-6.5	10.3	4.3	2.6	-10.1	-7.1	2.1	-5.2
26 Manufacture of computers, electronic and optical products	-7.0	1.1	2.6	1.7	-2.7	2.9	-8.0	-5.0	17.5	-11.2
27 Manufacture of electrical equipment	6.3	9.1	-12.8	3.1	-2.2	3.2	-5.6	-1.1	8.9	-5.9
28 Manufacture of machinery and equipment n.e.c	-7.3	-0.4	0.5	0.7	2.2	-4.1	-4.6	3.8	4.3	5.3
29 Manufacture of motor vehicle, trailers and semi-trailers	11.2	1.0	-3.7	21.1	-10.9	4.5	8.8	-10.7	-1.1	11.5
30 Manufacture of other transport equipment	0.8	-21.5	3.8	1.3	1.9	10.0	-5.6	-28.9	11.5	5.6
31 Manufacture of furniture	-12.7	-14.6	-1.6	5.2	2.8	1.4	-1.9	-21.6	48.6	-21.4
32 Other manufacturing	-15.3	4.4	0.8	-19.8	2.4	-4.6	-3.0	0.6	-6.3	1.7
33 Repair and installation of machinery and equipment	12.8	15.0	10.4	8.1	-2.1	-1.3	-6.6	-14.6	-	-
Total Manufacturing Industry	1.9	-4.0	0.0	1.4	1.7	3.9	-3.4	-9.6	5.8	0.3

Source:
ASEAN Secretariat

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

Table 11.12. Index of Selected Industrial Production for Manufacturing Industry in Viet Nam, 2013-2022

(2011=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Index of Industrial Production										
10 Manufacture of food products	106.0	104.8	107.8	108.2	106.0	108.2	109.5	104.5	102.8	108.8
11 Manufacture of beverages	109.2	109.5	107.0	110.4	106.1	107.9	110.5	94.9	96.0	125.1
12 Manufacture of tobacco products	106.2	87.4	103.8	103.3	100.9	108.8	102.7	102.2	100.4	108.7
13 Manufacture of textiles	121.0	119.7	114.0	116.9	109.8	112.5	111.4	99.5	108.4	102.6
14 Manufacture of wearing apparels	110.9	112.2	104.6	107.5	109.1	110.9	106.9	95.1	107.5	115.2
15 Manufacture of leather and related products	118.7	122.0	117.0	103.5	107.1	110.4	110.0	97.0	105.3	115.4
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	-	104.6	104.0	110.2	95.4	102.7	117.4
17 Manufacture of paper and paper products	120.0	115.5	111.7	107.2	109.6	113.9	111.6	107.5	104.1	109.8
18 Printing and reproduction of recorded media	-	-	-	-	109.9	107.7	115.3	97.5	99.3	104.1
19 Manufacture of coke and refined petroleum products	-	-	-	-	91.5	165.3	121.0	110.0	108.5	108.9
20 Manufacture of chemicals and chemical products	107.9	104.4	104.9	101.4	106.2	108.2	106.5	106.7	99.5	102.9
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	111.2	101.8	103.4	102.7	108.1	119.5	97.9	121.8	82.9	118.5
22 Manufacture of rubber and plastic products	109.5	103.6	111.5	110.2	113.2	103.2	114.3	104.7	102.4	93.2
23 Manufacture of other non-metallic mineral products	104.6	108.8	112.0	112.3	108.8	110.8	107.5	101.6	101.8	106.1
24 Manufacture of basic metals	98.2	109.9	112.1	117.9	122.1	125.0	128.6	114.3	122.0	97.7
25 Manufacture of fabricated metal products, except machinery and equipment	117.0	113.3	103.0	109.7	109.9	112.0	108.6	104.4	105.3	107.4
26 Manufacture of computers, electronic and optical products	102.2	135.2	135.1	112.5	135.2	110.7	106.6	112.0	109.6	106.7
27 Manufacture of electrical equipment	110.7	102.6	110.2	107.4	112.1	106.9	110.0	102.5	98.0	106.5
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	109.7	104.1	111.9	101.1	99.9	118.7
29 Manufacture of motor vehicle, trailers and semi-trailers	113.9	123.1	127.0	117.5	102.8	116.0	107.3	93.3	110.1	106.8
30 Manufacture of other transport equipment	98.3	101.2	104.2	107.2	108.9	104.0	94.9	90.2	100.2	112.0
31 Manufacture of furniture	96.0	103.5	107.4	111.1	108.7	112.7	111.6	106.0	99.3	103.1
32 Other manufacturing	-	-	-	-	112.8	111.7	172.4	66.0	93.1	114.8
33 Repair and installation of machinery and equipment	-	-	-	-	101.6	106.7	101.9	89.4	89.9	109.8
Total Manufacturing Industry	105.9	107.6	109.8	107.4	111.3	110.1	109.1	103.3	104.7	107.4

Table 11.12. Index of Selected Industrial Production for Manufacturing Industry in Viet Nam, 2013-2022 (Continued)

(2011=100; annual change in percent)

Divison	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Change in Index										
10 Manufacture of food products	-1.7	-1.2	2.9	0.4	-2.1	2.0	1.3	-4.6	-1.6	5.8
11 Manufacture of beverages	-1.9	0.3	-2.3	3.2	-3.9	1.7	2.5	-14.2	1.2	30.3
12 Manufacture of tobacco products	5.4	-17.7	18.8	-0.5	-2.3	7.9	-5.6	-0.5	-1.8	8.4
13 Manufacture of textiles	16.1	-1.0	-4.8	2.5	-6.0	2.4	-1.0	-10.6	8.9	-5.3
14 Manufacture of wearing apparels	3.1	1.2	-6.8	2.8	1.5	1.7	-3.6	-11.0	13.0	7.2
15 Manufacture of leather and related products	10.1	2.8	-4.1	-11.6	3.5	3.1	-0.4	-11.8	8.6	9.6
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	14.3
17 Manufacture of paper and paper products	4.2	-3.7	-3.4	-4.0	2.3	3.9	-2.0	-3.7	-3.2	5.5
18 Printing and reproduction of recorded media	-	-	-	-	-	-2.0	7.0	-15.4	1.8	4.9
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	80.6	-26.8	-9.1	-1.4	0.4
20 Manufacture of chemicals and chemical products	-1.9	-3.3	0.5	-3.4	4.8	1.9	-1.6	0.2	-6.7	3.4
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	4.9	-8.4	1.6	-0.7	5.2	10.5	-18.1	24.5	-31.9	43.0
22 Manufacture of rubber and plastic products	-0.8	-5.4	7.6	-1.1	2.7	-8.8	10.7	-8.3	-2.2	-9.0
23 Manufacture of other non-ferrous metal products	10.2	4.1	3.0	0.2	-3.1	1.8	-3.0	-5.5	0.1	4.2
24 Manufacture of basic metals	-7.7	11.9	2.0	5.1	3.6	2.4	2.9	-11.1	6.7	-19.9
25 Manufacture of fabricated metal products, except machinery and equipment	8.4	-3.2	-9.0	6.5	0.2	1.9	-3.0	-3.9	0.9	2.0
26 Manufacture of computers, electronic and optical products	-10.6	32.3	-0.1	-16.7	20.2	-18.1	-3.6	5.1	-2.1	-2.7
27 Manufacture of electrical equipment	7.3	-7.4	7.4	-2.6	4.4	-4.6	2.9	-6.9	-4.4	8.7
28 Manufacture of machinery and equipment n.e.c	-	-	-	-	-	-5.1	7.5	-9.6	-1.2	18.8
29 Manufacture of motor vehicle, trailers and semi-trailers	4.6	8.1	3.2	-7.5	-12.5	12.8	-7.5	-13.0	18.0	-3.0
30 Manufacture of other transport equipment	7.2	2.9	2.9	2.9	1.6	-4.5	-8.7	-5.0	11.1	11.8
31 Manufacture of furniture	-19.3	7.8	3.8	3.4	-2.2	3.7	-1.0	-5.0	-6.3	3.8
32 Other manufacturing	-	-	-	-	-	-1.0	54.4	-61.7	41.0	23.3
33 Repair and installation of machinery and equipment	-	-	-	-	-	5.0	-4.5	-12.2	0.5	22.1
Total Manufacturing Industry	0.1	1.6	2.0	-2.2	3.6	-1.1	-0.9	-5.3	1.3	2.6

Source:
ASEAN Secretariat

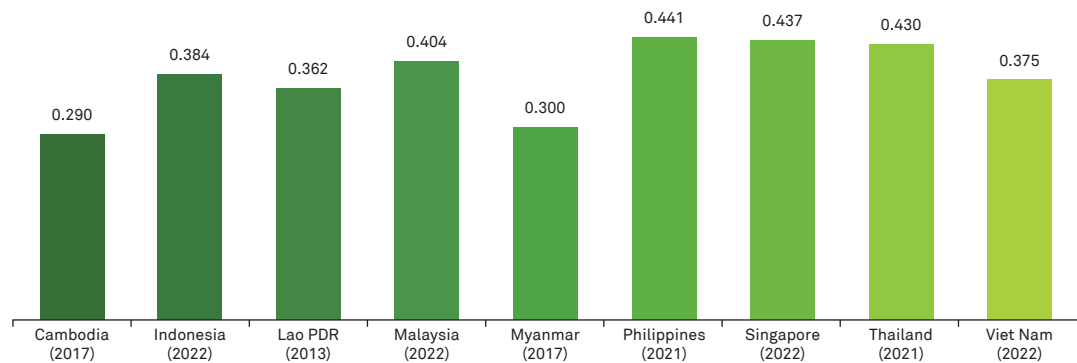
Note:
'-' not available at the time of publication

Chapter 12

OTHER SOCIAL INDICATORS

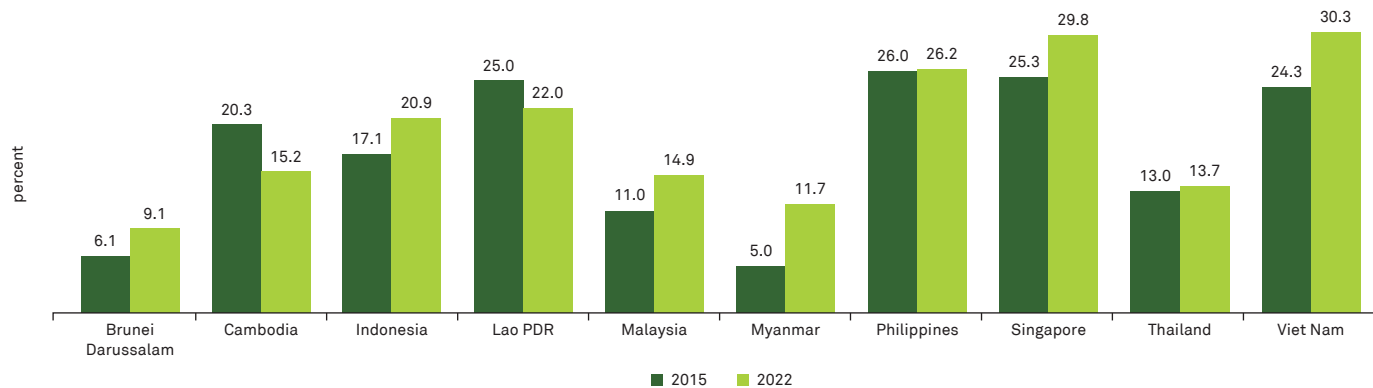


Chart 12.1. Gini Coefficient in ASEAN



Source:
ASEAN Secretariat

Chart 12.2. Proportion of Seats in National Legislature Held by Women in ASEAN, 2015 and 2022



Source:
ASEAN Secretariat

Note:
Latest data for Cambodia, Malaysia, and Singapore is 2021; Indonesia and Myanmar is 2020

Table 12.1. Proportion of Population below the National Poverty Line in ASEAN¹⁾, 2013-2022

(in percent)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cambodia	16.0	13.5	13.5	13.5	-	-	17.8	17.8	21.5	-
Indonesia	11.4	11.3	11.2	10.9	10.6	9.8	9.4	9.8	10.1	9.5
Lao PDR	23.2	-	24.0	-	-	18.3	-	-	-	-
Malaysia	-	-	-	7.6	-	-	5.6	8.4	-	6.2
Myanmar	-	-	19.4	32.1	24.8	-	-	-	-	-
Philippines	-	-	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	9.8	8.4	7.0	9.2	7.9	6.8	5.7	4.8	4.4	4.2

Source:
ASEAN Secretariat

Notes:

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
"--" not available at the time of publication

Table 12.2. Gini Coefficient in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	0.270	0.300	0.300	0.280	0.290	-	-	-	-	-
Indonesia	0.413	0.406	0.408	0.397	0.393	0.389	0.380	0.381	0.384	0.384
Lao PDR	0.362	-	-	-	-	-	-	-	-	-
Malaysia	-	0.401	-	0.399	-	-	0.407	0.411	-	0.404
Myanmar	-	-	0.350	-	0.300	-	-	-	-	-
Philippines	-	-	0.444	-	-	0.427	-	-	0.441	-
Singapore	0.463	0.464	0.463	0.458	0.459	0.458	0.452	0.452	0.444	0.437
Thailand	0.465	-	0.445	-	0.453	-	0.430	-	0.430	-
Viet Nam	-	0.430	-	0.431	-	0.424	0.423	0.375	0.374	0.375

Source:
ASEAN Secretariat

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

Table 12.3. Proportion of Seats in National Legislature Held by Women in ASEAN, 2013-2022

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	6.1	6.1	6.1	6.3	9.1	9.1	9.1	9.1	9.1	9.1
Cambodia	20.3	20.3	20.3	15.5	15.5	15.2	15.2	15.2	15.2	-
Indonesia	18.6	18.6	17.1	17.3	17.3	17.3	20.5	20.9	-	-
Lao PDR	25.0	25.0	25.0	27.5	27.5	27.5	27.5	27.5	27.5	22.0
Malaysia	10.4	10.4	11.0	10.8	10.9	14.0	14.4	14.4	14.9	-
Myanmar	6.0	5.6	5.0	10.4	10.9	11.6	11.6	11.7	-	-
Philippines	22.9	27.3	26.0	28.7	-	-	28.7	-	-	26.2
Singapore	24.2	25.3	25.3	23.8	23.8	23.8	23.8	29.8	29.8	-
Thailand	15.8	15.8	13.0	-	-	-	-	-	-	13.7
Viet Nam	24.4	24.3	24.3	26.7	26.8	26.8	26.8	26.8	30.3	30.3

Source:
ASEAN Secretariat

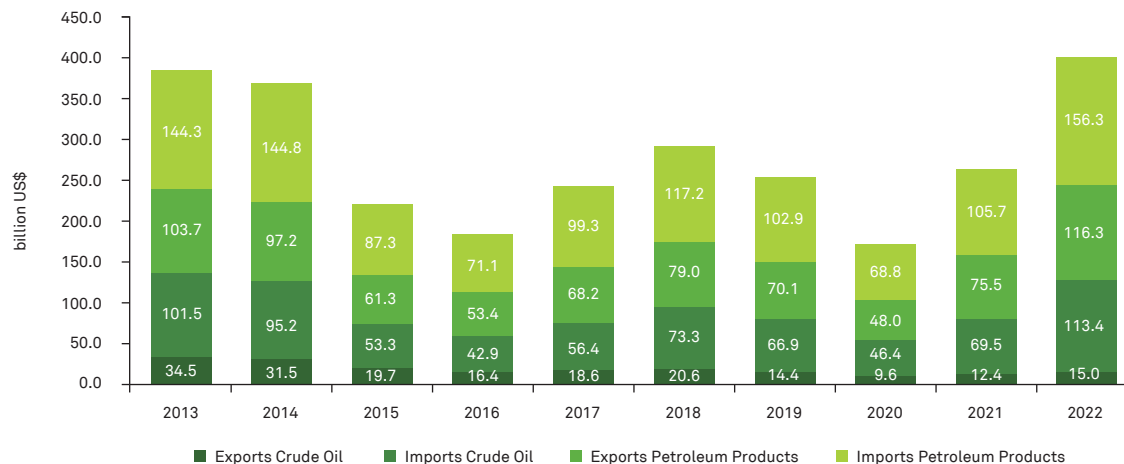
Note:
“-” not available at the time of publication

Chapter 13

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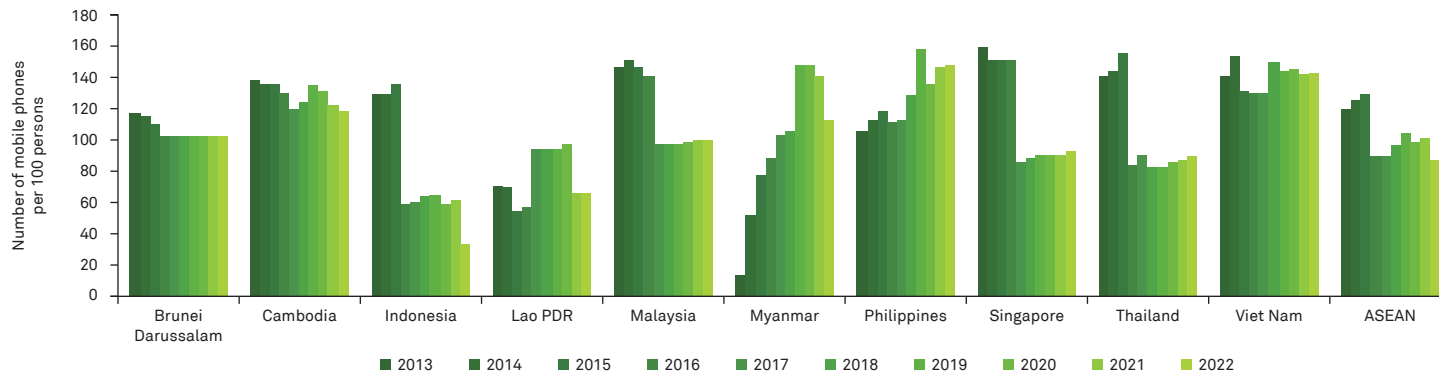
Chart 13.1. Exports and Imports of Crude Oil and Petroleum Products in ASEAN, 2013-2022



Source:
ASEAN Secretariat

Notes:
- Crude Oil product code: SITC 333
- Petroleum product code: SITC 334

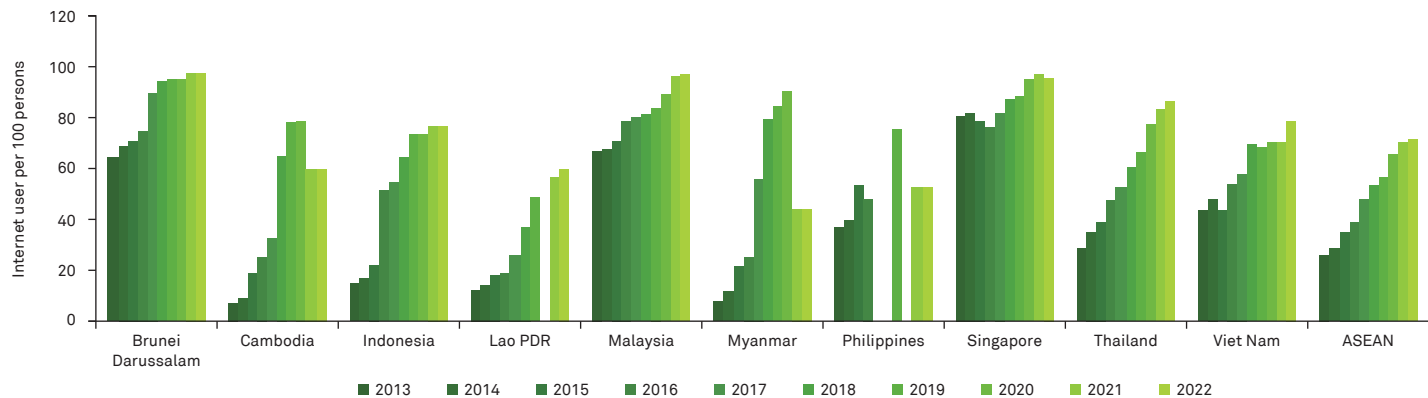
Chart 13.2. Mobile Phone Density in ASEAN, 2013-2022



Source:
ASEAN Secretariat

Notes:
- Cellular/Mobile Phones density (per 100 persons)
- ASEAN figure for 2020-2021 is estimated as the data for some AMS are not available

Chart 13.3. Internet Services Density in ASEAN, 2013-2022



Source:
ASEAN Secretariat

Notes:
- Internet Subscribers Services per 100 persons
- ASEAN figure for 2020-2021 is estimated as the data for some AMS are not available

Table 13.1. Values of Crude Oil¹⁾ Exports in ASEAN, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	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	2,170.5
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	10,204.7	9,215.0	6,457.0	5,196.7	5,354.9	5,151.9	1,726.6	1,396.9	2,795.9	1,615.3
Lao PDR	-	-	-	-	-	-	-	-	-	-
Malaysia	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	8,118.3
Myanmar	-	-	61.1	51.8	177.3	59.5	77.7	18.7	-	-
Philippines	975.5	1,047.2	289.7	173.6	195.8	202.7	170.1	221.4	216.3	323.5
Singapore	0.4	0.1	16.4	0.2	69.8	51.2	-	-	169.0	0.2
Thailand	1,163.5	421.0	64.0	501.1	695.5	781.9	663.9	393.5	428.1	622.7
Viet Nam	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	2,125.1
ASEAN	34,545.2	31,525.8	19,743.0	16,357.8	18,561.4	20,550.5	14,414.3	9,586.0	12,443.1	14,975.7

Source:
ASEAN Secretariat

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

Table 13.2. Values of Crude Oil¹⁾ Imports in ASEAN, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	-	-	-	-	-	-	1,161.0	1,470.1	3,804.7	5,565.3
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	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	11,455.4
Lao PDR	6.2	6.8	3.2	2.7	2.2	2.9	3.2	3.9	35.8	24.6
Malaysia	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	12,271.3
Myanmar	-	-	-	-	-	-	-	0.1	0.1	-
Philippines	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	3,782.1
Singapore	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	33,967.2
Thailand	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	39,083.5
Viet Nam	1,123.1	452.4	99.4	199.9	635.7	2,914.3	3,809.0	3,840.3	5,032.2	7,254.0
ASEAN	101,450.3	95,160.0	53,258.1	42,890.3	56,432.7	73,338.1	66,894.8	46,449.6	69,467.0	113,403.4

Source:
ASEAN Secretariat

Notes:
1) Crude Oil product code: SITC 333
‘-’ not available at the time of publication

Table 13.3. Values of Petroleum Products¹⁾ Exports in ASEAN, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	0.4	0.4	0.2	0.3	8.0	3.9	532.1	1,551.7	3,205.6	5,059.7
Cambodia	0.1	-	-	0.1	-	0.1	-	-	-	-
Indonesia	1,611.4	1,301.1	553.2	400.4	911.8	925.8	799.0	706.2	1,366.1	3,077.7
Lao PDR	-	0.5	4.7	7.8	0.8	-	-	-	0.1	-
Malaysia	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	34,307.3
Myanmar	-	-	2.3	67.4	214.3	285.1	42.8	21.4	5.3	33.1
Philippines	834.0	445.7	312.8	196.8	395.6	494.0	225.7	194.3	5.9	7.2
Singapore	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	63,427.1
Thailand	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	8,968.0
Viet Nam	1,146.1	973.4	739.2	640.7	847.7	1,142.9	1,137.9	614.5	1,006.0	1,394.4
ASEAN	103,697.8	97,238.0	61,256.5	53,428.7	68,241.8	78,973.7	70,129.0	48,027.7	75,498.6	116,274.4

Source:
ASEAN Secretariat

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

Table 13.4. Values of Petroleum Products¹⁾ Imports in ASEAN, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Brunei Darussalam	268.5	362.8	193.0	222.3	264.1	268.6	411.2	387.0	379.8	534.0
Cambodia	944.3	294.9	1,089.2	888.9	1,108.1	1,616.8	1,574.9	983.3	1,276.8	2,496.1
Indonesia	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	23,398.8
Lao PDR	546.5	652.3	644.1	589.0	608.9	770.3	734.2	506.9	653.5	1,358.3
Malaysia	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	31,447.3
Myanmar	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	5,023.0
Philippines	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	13,594.8
Singapore	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	62,483.4
Thailand	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	6,177.7
Viet Nam	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	9,774.3
ASEAN	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	156,287.6

Source:
ASEAN Secretariat

Note:
1) Petroleum product code: SITC 334

Table 13.5. Values of ASEAN Net Exports of Crude Oil and Petroleum Products, 2013-2022

(in million US\$)

Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Crude Oil¹⁾										
Exports	34,545.2	31,525.8	19,743.0	16,357.8	18,561.4	20,550.5	14,414.3	9,586.0	12,443.1	14,975.7
Imports	101,450.3	95,160.0	53,258.1	42,890.3	56,432.7	73,338.1	66,894.8	46,449.6	69,467.0	113,403.4
Net Exports	-66,905.1	-63,634.2	-33,515.1	-26,532.5	-37,871.3	-52,787.6	-52,480.5	-36,863.5	-57,023.9	-98,427.7
Exports-Imports Ratio	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1
Petroleum Products²⁾										
Exports	103,697.8	97,238.0	61,256.5	53,428.7	68,241.8	78,973.7	70,129.0	48,027.7	75,498.6	116,274.4
Imports	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	156,287.6
Net Exports	-40,637.3	-47,567.9	-26,032.7	-17,681.6	-31,069.4	-38,176.3	-32,726.8	-20,776.2	-30,167.4	-40,013.2
Exports-Imports Ratio	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7

Source:
ASEAN Secretariat

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

Table 13.6. ASEAN Major Market of Crude Oil¹⁾ Exports and the Values, 2019–2022

2019		2020		2021		2022	
Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)
ASEAN	6,464.3	ASEAN	3,970.3	ASEAN	6,186.2	ASEAN	7,625.9
Australia	2,686.3	Australia	1,588.1	Australia	2,829.1	Australia	3,659.3
India	2,326.3	India	1,431.9	India	1,312.2	Japan	1,525.3
China	1,031.3	China	1,357.9	Japan	956.5	India	1,516.2
Japan	831.9	Japan	614.5	China	760.5	China	420.0
Korea, Republic of	588.7	Korea, Republic of	368.3	New Zealand	155.8	Korea, Republic of	168.7
New Zealand	416.9	New Zealand	218.0	Korea, Republic of	111.5	Bangladesh	60.1
Taiwan	44.1	USA	22.8	Switzerland	78.0	USA	0.1
Saudi Arabia	24.5	Papua New Guinea	8.7	Taiwan	36.8	Mexico	0.0
European Union	0.0	Nigeria	5.4	Papua New Guinea	16.5	Canada	0.0
Top Ten Country/Region	14,414.3	Top Ten Country/Region	9,585.9	Top Ten Country/Region	12,443.1	Top Ten Country/Region	14,975.7
Others	0.0	Others	0.1	Others	0.0	Others	0.0
TOTAL	14,414.3	TOTAL	9,586.0	TOTAL	12,443.1	TOTAL	14,975.7

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, 2019-2022

2019		2020		2021		2022	
Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)
United Arab Emirates	14,568.0	Saudi Arabia	8,345.7	United Arab Emirates	14,668.8	United Arab Emirates	28,514.6
Saudi Arabia	12,908.4	United Arab Emirates	8,315.1	Saudi Arabia	11,470.4	Saudi Arabia	21,137.4
ASEAN	6,956.5	Kuwait	4,870.2	ASEAN	7,026.4	USA	12,503.8
Kuwait	6,008.8	ASEAN	4,531.5	Kuwait	5,046.3	ASEAN	8,630.4
Qatar	6,003.1	USA	3,578.4	Qatar	4,591.1	Kuwait	7,392.0
Australia	3,517.6	Qatar	3,058.8	USA	4,210.9	Qatar	5,615.1
USA	3,160.7	Australia	2,533.4	Australia	3,927.9	Nigeria	5,364.8
Nigeria	2,761.6	Nigeria	2,466.6	Nigeria	3,737.1	Australia	4,545.5
Russian Federation	2,326.5	Russian Federation	1,587.2	Angola	2,564.9	Angola	3,119.2
Iraq	1,449.4	Angola	1,555.6	Russian Federation	1,816.8	Brazil	2,562.9
Top Ten Country/Region	59,660.6	Top Ten Country/Region	40,842.4	Top Ten Country/Region	59,060.5	Top Ten Country/Region	99,385.7
Others	7,234.2	Others	5,607.2	Others	10,406.5	Others	14,017.7
TOTAL	66,894.8	TOTAL	46,449.6	TOTAL	69,467.0	TOTAL	113,403.4

Source:
ASEAN Secretariat

Note:
1) Crude Oil product code: SITC 333

Table 13.8. ASEAN Major Market of Petroleum Products¹⁾ Exports and the Values, 2019–2022

2019		2020		2021		2022	
Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)
ASEAN	40,207.5	ASEAN	27,137.6	ASEAN	39,807.1	ASEAN	62,873.2
Australia	5,475.3	Australia	3,591.0	Australia	9,094.9	Australia	13,649.7
China	5,111.4	China	3,420.5	China	4,189.2	Bangladesh	5,410.3
Hong Kong	2,916.0	Hong Kong	1,552.8	Bangladesh	3,152.1	USA	3,759.2
Bangladesh	2,298.9	USA	1,529.5	USA	2,536.0	China	3,715.3
European Union	1,806.3	Bangladesh	1,309.6	Hong Kong	2,111.7	European Union	3,200.4
USA	1,510.5	European Union	1,154.3	Korea, Republic of	1,999.2	New Zealand	3,054.4
Korea, Republic of	1,255.6	Korea, Republic of	1,001.2	European Union	1,399.0	Korea, Republic of	2,537.1
Sri Lanka	1,018.6	India	923.5	India	1,057.5	Hong Kong	1,992.2
India	992.4	Taiwan, Province of China	690.7	Taiwan, Province of China	913.0	South Africa	1,592.3
Top Ten Country/Region	62,592.6	Top Ten Country/Region	42,310.7	Top Ten Country/Region	66,259.6	Top Ten Country/Region	101,784.1
Others	7,536.5	Others	5,716.9	Others	9,239.0	Others	14,490.3
TOTAL	70,129.0	TOTAL	48,027.7	TOTAL	75,498.6	TOTAL	116,274.4

Source:
ASEAN Secretariat

Note:
1) Petroleum product code: SITC 334

Table 13.9. ASEAN Major Supplier (Origin) of Petroleum Products¹⁾ Imports and the Values, 2019–2022

2019		2020		2021		2022	
Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)	Country/Region	Value (million US\$)
ASEAN	41,606.6	ASEAN	29,132.7	ASEAN	43,082.9	ASEAN	68,276.4
China	15,454.0	China	9,064.2	China	11,660.0	Korea, Republic of	21,156.7
Korea, Republic of	9,844.3	Korea, Republic of	5,694.4	Korea, Republic of	10,082.9	China	16,254.5
United Arab Emirates	6,854.9	United Arab Emirates	3,870.8	United Arab Emirates	7,798.5	United Arab Emirates	8,130.1
India	4,627.2	India	3,699.1	India	5,824.5	India	7,611.9
Russian Federation	4,028.6	Saudi Arabia	2,323.0	Saudi Arabia	3,577.7	Taiwan, Province of China	5,604.5
Iraq	2,870.0	Iraq	1,667.4	European Union	3,517.8	Japan	4,759.1
Saudi Arabia	2,812.5	European Union	1,626.5	Taiwan, Province of China	3,287.7	Brazil	4,203.7
European Union	2,766.3	Russian Federation	1,553.9	Qatar	2,273.6	Saudi Arabia	4,012.2
Taiwan, Province of China	2,290.3	Brazil	1,280.1	Brazil	2,092.6	European Union	3,329.8
Top Ten Country/Region	93,154.8	Top Ten Country/Region	59,911.9	Top Ten Country/Region	93,198.2	Top Ten Country/Region	143,338.9
Others	9,701.0	Others	8,891.9	Others	12,467.8	Others	12,948.7
TOTAL	102,855.8	TOTAL	68,803.8	TOTAL	105,666.0	TOTAL	156,287.6

Source:
ASEAN Secretariat

Note:
1) Petroleum product code: SITC 334

Table 13.10. Access to Cellular/Mobile Phones¹⁾ in ASEAN, 2013-2022

(per 100 persons)

Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN ²⁾
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	100.0	127.5	58.3	55.4	137.9	86.5	109.2	148.1	81.4	128.0	88.0
2017	100.0	117.3	59.6	92.0	95.5	100.7	110.1	83.8	88.2	126.9	87.9
2018	100.0	121.2	62.4	92.0	96.0	103.7	126.2	86.6	80.8	147.2	94.3
2019	100.0	132.2	63.5	92.0	95.7	144.1	154.8	88.3	80.8	141.2	102.3
2020	100.0	128.6	57.5	95.0	96.4	144.0	133.3	88.3	83.6	142.7	96.8
2021	100.0	120.0	60.7	65.0	97.4	137.5	143.4	88.8	85.7	138.9	98.5
2022	100.0	116.3	67.9	65.0	98.2	110.9	144.0	91.3	88.0	140.0	99.6

Source:
ASEAN Secretariat, ITU Database 2022

Notes:
1) Cellular/Mobile Phones density (per 100 persons)
2) ASEAN figure for 2020-2021 is estimated as the data for some AMS are not available

Table 13.11. Access to Internet Services¹⁾ in ASEAN, 2013-2022

(per 100 persons)

Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN ²⁾
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	98.1	60.2	77.0	57.0	96.8	44.0	52.7	96.9	83.6	70.2	70.4
2022	98.1	60.2	77.0	60.0	97.4	44.0	52.7	96.0	86.7	78.6	72.0

Source:
ASEAN Secretariat, ITU Database 2022

Notes:

1) Internet Subscribers Services per 100 persons

2) ASEAN figure for 2020-2021 is estimated as the data for some AMS are not available
'-' not available at the time of publication

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