

ASEAN STATISTICAL YEARBOOK

2018



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ASEAN Statistical Yearbook 2018

The ASEAN Secretariat
Jakarta

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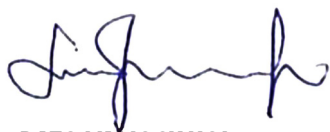
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FOREWORD

The ASEAN Statistical Yearbook 2018 is the fourteenth issue of the publication, since the series started in 2001. Prepared by the Statistics Division of the ASEAN Secretariat, the ASEAN Statistical Yearbook has consistently provided updated data on social and economic progress of ASEAN Member States (AMS) and become one of the ASEAN Secretariat's most established publications.

The ASEAN Statistical Yearbook 2018 covers the period of 2008-2017 for all 10 ASEAN Member States and the areas of demography, education, health, employment, macroeconomic, trade in goods, trade in services, foreign direct investment, transport and communication, tourism, agriculture, and manufacturing. The Yearbook uses official statistics submitted from AMS National Statistical Offices under the purview of the ASEAN Community Statistical System (ACSS).

It is therefore my great pleasure to present the ASEAN Statistical Yearbook 2018, as part of the effort to enhance our statistics and statistical cooperation in support of integration and progress monitoring to inform decision making. To our data users, it is my hope that they will find this a useful reference.



DATO LIM JOCK HOI
Secretary-General of ASEAN

Jakarta, December 2018

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CHAPTER 1

POPULATION



Table 1.1. Number of Mid-Year Population of ASEAN Countries 2008-2017

(National Estimates, in thousand)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	375	380	387	393	400	406	412	412	417	421
Cambodia	13,795	14,085	14,303	14,521	14,741	14,677	14,932	15,192	15,454	15,718
Indonesia	228,523	231,370	234,181	241,991	245,425	248,818	252,165	255,462	258,705	261,891
Lao PDR	6,000	6,128	6,256	6,385	6,514	6,644	6,809	6,492	6,621	6,753
Malaysia	27,568	28,082	28,589	29,062	29,510	30,214	30,709	31,186	31,634	32,050
Myanmar	49,708	50,110	50,537	50,149	50,667	51,184	51,991	52,450	52,917	53,388
Philippines	90,457	92,227	93,135	94,824	96,511	98,197	99,880	101,562	103,243	104,921
Singapore	4,839	4,988	5,077	5,184	5,312	5,399	5,470	5,535	5,607	5,612
Thailand	66,482	66,903	65,921	66,214	66,492	66,755	67,003	67,236	67,455	67,653
Viet Nam	85,119	86,025	86,947	87,860	88,809	89,760	90,729	91,710	92,695	93,672
ASEAN	572,867	580,297	585,333	596,583	604,382	612,052	620,099	627,237	634,748	642,079

Source:
ASEAN Secretariat

Notes:
Mid-Year population figures are national projection

Table 1.2. Population Growth in ASEAN, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1.4	1.4	1.8	1.7	1.6	1.6	1.4	0.1	1.2	1.0
Cambodia	-	2.1	1.5	1.5	1.5	-0.4	1.7	1.7	1.7	1.7
Indonesia	1.3	1.2	1.2	3.3	1.4	1.4	1.3	1.3	1.3	1.2
Lao PDR	2.2	2.1	2.1	2.1	2.0	2.0	2.5	-	2.0	2.0
Malaysia	1.9	1.9	1.8	1.7	1.5	2.4	1.6	1.6	1.4	1.3
Myanmar	0.8	0.8	0.9	-0.8	1.0	1.0	1.6	0.9	0.9	0.9
Philippines	2.0	2.0	1.0	1.8	1.8	1.7	1.7	1.7	1.7	1.6
Singapore	5.5	3.1	1.8	2.1	2.5	1.6	1.3	1.2	1.3	0.1
Thailand	0.7	0.6	-1.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Viet Nam	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ASEAN	1.2	1.3	0.9	1.9	1.3	1.3	1.3	1.2	1.2	1.2

Source:
ASEAN Secretariat

Table 1.3. Population Density, 2008-2017

COUNTRY	TOTAL AREA (Sq. Km)	POP. DENSITY (per Sq. Km)										RANK OF POP. DENSITY IN 2017
		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Brunei Darussalam	5,765	65	70	67	68	69	70	71	72	72	73	9
Cambodia	181,035	76	78	79	80	81	81	82	84	85	87	7
Indonesia	1,916,862	119	121	122	126	128	130	132	133	135	137	4
Lao PDR	236,800	25	26	26	27	28	28	29	27	28	29	10
Malaysia	331,388	83	85	86	88	89	91	93	94	95	97	6
Myanmar	676,576	86	87	88	89	89	76	77	78	78	79	8
Philippines	300,000	302	307	310	316	322	327	333	339	344	350	2
Singapore	719.9	6,846	7,025	7,146	7,273	7,379	7,500	7,598	7,689	7,789	7,796	1
Thailand	513,140	130	130	128	129	130	130	131	131	131	132	5
Viet Nam	331,231	257	260	262	265	268	271	274	277	280	283	3
ASEAN	4,493,516	127	129	130	133	135	136	138	140	141	143	-

Source:
ASEAN Secretariat

Notes:
Derived from Table I.1 and figures on land area

Graph 1.1. Population Density of ASEAN Countries, 2008-2017

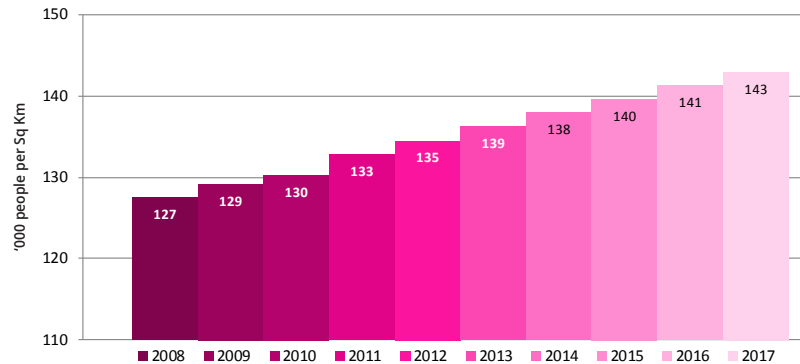


Table 1.4. Population by Sex, 2017

COUNTRY	NUMBER ('000)			PERCENTAGE			SEX RATIO
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
Brunei Darussalam	219	203	421	51.9	48.1	100.0	108.0
Cambodia	7,660	8,058	15,718	48.7	51.3	100.0	95.1
Indonesia	131,567	130,324	261,891	50.2	49.8	100.0	101.0
Lao PDR	3,386	3,367	6,753	50.1	49.9	100.0	100.6
Malaysia	16,561	15,489	32,050	51.7	48.3	100.0	106.9
Myanmar	25,648	27,740	53,388	48.0	52.0	100.0	92.5
Philippines	52,927	51,994	104,921	50.4	49.6	100.0	101.8
Singapore ¹⁾	1,944	2,022	3,966	49.0	51.0	100.0	96.1
Thailand	32,842	34,811	67,653	48.5	51.5	100.0	94.3
Viet Nam	46,379	47,293	93,672	49.5	50.5	100.0	98.1
ASEAN²⁾	319,132	321,300	640,432	49.8	50.2	100.0	99.3

Source:
ASEAN Secretariat

Notes:
1) Using Singapore residents population structure and total residents
2) Total ASEAN exclude Singapore's non-resident population

Table 1.5. Population by Age Group, 2017

COUNTRY	NUMBER ('000)						PERCENTAGE					
	0-4	5-19	20-54	55-64	> 65	TOTAL	0-4	5-19	20-54	55-64	> 65	TOTAL
Brunei Darussalam	29	102	236	32	23	421	6.8	24.1	56.0	7.6	5.4	100.0
Cambodia	1,652	4,377	7,826	1,042	821	15,718	10.5	27.8	49.8	6.6	5.2	100.0
Indonesia	23,824	68,589	133,683	20,752	15,042	261,891	9.1	26.2	51.0	7.9	5.7	100.0
Lao PDR ³⁾	709	2,181	3,217	359	286	6,753	10.5	32.3	47.6	5.3	4.2	100.0
Malaysia	2,621	7,985	16,973	2,468	2,003	32,050	8.2	24.9	53.0	7.7	6.2	100.0
Myanmar	4,976	14,886	26,098	4,202	3,227	53,388	9.3	27.9	48.9	7.9	6.0	100.0
Philippines	11,402	31,504	49,707	6,973	5,336	104,921	10.9	30.0	47.4	6.6	5.1	100.0
Singapore ¹⁾	188	640	2,057	564	517	3,966	4.7	16.1	51.9	14.2	13.0	100.0
Thailand	3,781	12,646	35,002	8,458	7,766	67,653	5.6	18.7	51.7	12.5	11.5	100.0
Viet Nam	6,912	21,559	47,825	9,460	7,916	93,672	7.4	23.0	51.1	10.1	8.5	100.0
ASEAN²⁾	56,093	164,468	322,624	54,311	42,937	640,432	8.8	25.7	50.4	8.5	6.7	100.0

Source:
ASEAN Secretariat

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

Graph 1.2. Change in Population Structure, 2000-2017

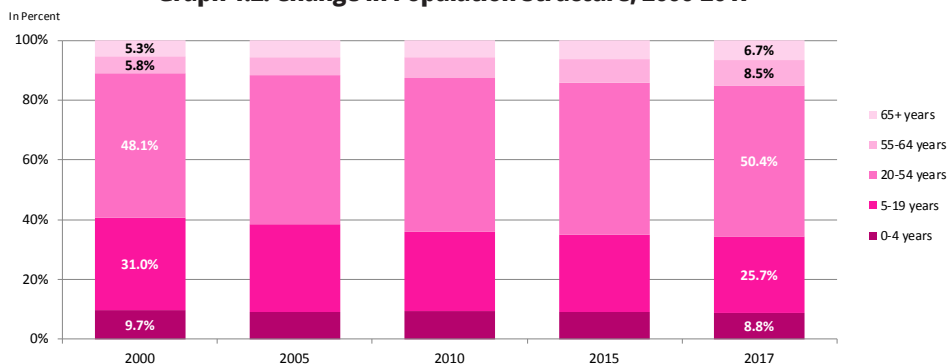


Table 1.6. Urban Population, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	-	-	75.7	78.5	78.7	77.0	76.9	78.0	78.0	77.0
Cambodia	17.9	19.5	19.9	21.0	21.5	21.4	22.5	23.0	21.0	23.0
Indonesia	-	-	49.8	51.2	51.9	52.0	53.0	53.3	54.0	55.0
Lao PDR	29.7	-	33.2	35.0	35.3	36.0	37.6	38.0	40.0	34.0
Malaysia	63.5	63.7	71.0	71.9	72.7	73.0	74.0	74.0	75.0	75.0
Myanmar	30.6	-	30.7	30.8	30.8	30.8	30.0	30.0	35.0	30.0
Philippines	-	-	45.3	48.5	48.6	45.0	44.0	44.0	44.0	47.0
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	33.8	-	-	36.1	33.9	44.5	49.0	49.0	52.0	49.0
Viet Nam	29.0	29.6	30.5	31.6	31.9	32.2	33.1	33.1	34.0	35.0
ASEAN	-	-	44.6	45.0	45.2	45.9	46.8	47.0	48.2	48.5

Source:

- 1). ASEAN Secretariat
- 2). Asian Development Bank, *Key Indicators for Asia and the Pacific 2010-2017*
- 3). World Bank WDI Population Data website as of 2010-2017; United Nations Population Division *World Urbanization Prospects: 2018 Revision*

Notes:

ASEAN figures are estimated based on AMS figures

CHAPTER 2

EDUCATION & HEALTH



Table 2.1. Adult Literacy Rate by Sex, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL										
Brunei Darussalam	93.7	96.8	96.0	96.4	96.8	97.2	96.5	96.6	96.6	-
Cambodia	75.6	73.9	76.7	79.9	79.7	80.7	78.1	80.5	84.4	-
Indonesia	92.2	92.6	92.9	92.4	93.0	93.9	95.1	95.2	95.4	95.5
Lao PDR	-	-	75.3	-	-	79.0	-	84.7	-	-
Malaysia	92.3	92.1	92.7	93.1	93.8	94.0	94.0	94.5	94.2	94.9
Myanmar	-	-	-	89.3	89.4	89.4	89.5	89.6	89.7	-
Philippines	95.4	-	-	-	-	96.5	-	-	-	-
Singapore	95.2	95.6	95.9	96.2	96.4	96.6	96.7	96.8	97.0	97.2
Thailand	-	-	96.1	-	-	93.7	-	92.9	-	-
Viet Nam	93.6	94.0	93.7	94.2	94.7	94.8	94.7	94.9	95.0	95.1
MALE										
Brunei Darussalam	95.8	97.3	97.4	97.6	97.8	98.1	97.7	97.8	97.8	-
Cambodia	84.6	82.7	85.1	87.8	86.9	87.7	84.8	86.5	90.0	-
Indonesia	95.4	95.6	95.4	95.4	95.7	96.5	96.8	97.1	97.2	97.2
Lao PDR	-	-	81.2	-	-	83.0	87.1	90.0	-	-
Malaysia	95.1	94.7	95.2	95.3	95.8	95.9	95.9	96.2	95.8	96.3
Myanmar	-	-	-	92.3	92.5	92.5	92.6	92.7	92.8	-
Philippines	95.0	-	-	-	-	96.1	-	-	-	-
Singapore	97.7	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.8
Thailand	-	-	96.1	-	-	95.3	96.6	94.7	-	-
Viet Nam	96.1	96.1	95.9	96.5	96.6	96.6	96.4	96.6	96.6	96.7
FEMALE										
Brunei Darussalam	91.5	94.6	94.6	95.2	95.8	96.3	95.3	95.3	95.3	-
Cambodia	67.7	65.9	69.1	72.6	73.2	74.4	71.8	75.0	79.3	-
Indonesia	89.1	89.7	90.5	89.5	90.3	91.4	93.5	93.3	93.6	93.8
Lao PDR	-	-	69.6	-	-	74.0	72.8	79.4	-	-
Malaysia	89.5	89.5	90.2	90.7	91.6	92	92	92.7	92.6	93.4
Myanmar	-	-	-	86.6	86.7	86.8	86.9	87.0	87.1	-
Philippines	95.8	-	-	-	-	96.8	-	-	-	-
Singapore	92.7	93.3	93.8	94.1	94.4	94.7	94.9	95.2	95.4	95.7
Thailand	-	-	96.4	-	-	92.2	96.7	91.2	-	-
Viet Nam	91.3	92.0	91.6	92.2	92.9	93.1	93.0	93.3	93.5	93.6

Source:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific, 2010-2017
 World Bank – World Development Indicators – WDI Databank
 Brunei Darussalam key Indicator 2016

Note:
 Adult Literacy Rate refers to 15+; for Brunei Darussalam age 9 and above
 ‘-’ not available at the time of publication

Table 2.2. Net Enrollment Ratio in Primary School, by Sex, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL										
Brunei Darussalam	96.8	97.5	97.4	-	-	94.9	-	98.0	-	-
Cambodia	93.3	94.4	94.8	95.2	97.0	95.6	94.5	93.9	94	-
Indonesia	94.0	94.4	94.8	91.0	92.5	95.6	96.4	96.2	97	97.2
Lao PDR	89.2	91.6	92.7	94.1	95.2	97.3	-	98.0	-	-
Malaysia	97.2	97.3	96.6	96.7	97.7	98.8	98.4	98.1	96	96.7
Myanmar	83.6	83.9	84.1	84.6	84.6	86.4	86.7	94.5	96	96.9
Philippines	88.3	89.2	89.4	89.9	95.1	93.8	92.6	91.0	95	94.2
Singapore	97.1	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100	-
Thailand	-	-	86.0	-	97.6	98.8	-	96.0	-	-
Viet Nam	97.0	95.5	94.9	95.3	96.5	96.6	96.8	97.2	98	98.0
MALE										
Brunei Darussalam	95.7	95.9	96.9	-	-	94.8	-	-	-	-
Cambodia	93.2	94.8	95.0	95.8	98.0	95.4	94.1	93.3	93.2	-
Indonesia	94.0	94.4	95.0	91.6	92.6	95.7	96.6	96.5	97.0	97.3
Lao PDR	90.4	92.7	93.7	94.9	96.0	98.1	-	-	-	-
Malaysia	97.1	95.9	96.4	96.3	97.5	98.7	98.7	97.8	95.3	96.0
Myanmar	84.5	84.5	-	-	88.6	88.7	86.3	85.2	95.5	99.1
Philippines	75.0	76.4	94.5	95.8	94.2	93.0	91.8	90.2	-	-
Singapore	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
Thailand	91.4	90.0	90.0	-	-	-	-	-	-	-
Viet Nam	-	95.5	95.0	95.2	96.4	96.7	-	-	-	-
FEMALE										
Brunei Darussalam	89.7	91.2	91.9	-	-	95.0	-	-	-	-
Cambodia	93.3	94.0	94.6	94.6	97.7	95.8	94.9	94.7	93.9	-
Indonesia	93.9	92.2	94.7	90.5	92.4	95.5	96.3	96.9	96.7	97.0
Lao PDR	87.0	90.4	91.7	93.3	94.3	96.5	-	-	-	-
Malaysia	97.4	98.8	96.7	97.2	97.9	98.9	98.0	98.4	97.0	97.4
Myanmar	82.7	82.7	86.7	84.7	85.1	85.3	83.0	94.8	94.7	94.7
Philippines	88.7	89.0	97.5	98.5	96.2	94.7	93.4	92.0	-	-
Singapore	96.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
Thailand	89.9	89.4	89.4	-	-	-	-	-	-	-
Viet Nam	-	95.4	94.9	95.4	96.6	96.5	-	-	-	-

Source:
ASEAN Secretariat
World Bank – World Development Indicators – WDI Databank

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

Table 2.3. Net Enrollment Ratio in Secondary School, by Sex 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL										
Brunei Darussalam	-	-	97.0	-	-	-	-	-	-	-
Cambodia	24.7	24.9	26.0	27.6	28.7	34.7	34.8	35.7	37.1	-
Indonesia	67.0	67.4	67.7	68.4	70.9	73.9	77.5	77.8	78.0	-
Lao PDR	37.2	36.8	33.9	33.4	34.7	-	-	-	-	-
Malaysia	89.1	90.0	89.6	89.8	90.2	90.4	68.0	68.5	87.3	90.2
Myanmar	45.1	44.7	40.4	40.9	40.5	44.0	41.4	57.3	56.2	60.9
Philippines	60.7	59.5	64.7	64.8	64.2	64.9	63.2	68.2	74.2	76.0
Singapore	95.0	95.2	98.3	98.8	98.8	99.3	99.5	99.5	99.5	-
Thailand	81.9	-	83.4	-	-	-	-	-	-	-
Viet Nam	83.1	-	70.8	72.0	74.1	76.2	77.1	80.2	82.1	83.4
MALE										
Brunei Darussalam	92.8	95.5	-	-	-	-	-	-	-	-
Cambodia	24.7	24.8	25.1	26.7	31.3	33.6	33.2	33.5	34.2	-
Indonesia	66.4	66.8	67.0	67.0	69.5	72.4	-	-	-	-
Lao PDR	41.6	41.1	55.5	36.8	38.0	-	-	-	-	-
Malaysia	86.6	87.3	87.0	87.0	87.5	87.6	65.0	65.0	84.3	88.0
Myanmar	39.3	38.5	41.3	41.7	41.4	44.9	-	-	58.8	58.2
Philippines	42.0	44.9	59.5	59.0	59.5	59.9	58.4	63.6	-	-
Singapore	95.1	95.6	98.5	99.0	98.9	99.5	99.5	99.5	99.5	-
Thailand	-	-	-	-	-	-	-	-	-	-
Viet Nam	-	-	-	-	-	-	-	-	-	-
FEMALE										
Brunei Darussalam	96.6	99.4	-	-	-	-	-	-	-	-
Cambodia	24.7	25.1	27.1	28.6	29.1	35.8	36.5	38.0	40.1	-
Indonesia	67.6	68.1	68.3	69.3	72.2	75.4	-	-	-	-
Lao PDR	32.6	32.5	30.4	30.0	31.4	-	-	-	-	-
Malaysia	91.8	92.9	92.4	92.8	93.1	93.4	71.2	72.3	90.6	92.5
Myanmar	40.0	40.6	39.6	40.1	39.7	43.2	-	-	53.7	63.6
Philippines	49.3	52.5	70.2	69.6	70.0	70.1	68.3	73.0	-	-
Singapore	94.9	94.8	98.1	98.5	98.8	99.2	99.6	99.5	99.5	-
Thailand	-	-	-	-	-	-	-	-	-	-
Viet Nam	-	-	-	-	-	-	-	-	-	-

Source:
ASEAN Secretariat
World Bank – World Development Indicators – WDI Databank

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

Table 2.4. Ratio of Girls to Boys in Primary and Secondary School, 2007-2016

(in percent)

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
PRIMARY SCHOOL										
Brunei Darussalam	102	93	93	94	95	94	95	95	94	95
Cambodia	90	90	91	91	91	89	92	93	94	93
Indonesia	96	-	93	100	101	102	-	-	92	-
Lao PDR	90	96	-	93	-	91	-	-	92	-
Malaysia	94	94	94	94	97	97	96	97	96	95
Myanmar	101	101	101	101	101	100	100	100	100	101
Philippines	90	90	90	90	90	90	90	90	90	90
Singapore	99	99	99	100	100	100	100	100	100	100
Thailand	100	99	94	94	-	-	-	-	90	-
Viet Nam	94	95	-	93	-	92	92	92	93	-
SECONDARY SCHOOL										
Brunei Darussalam	96	96	94	94	93	94	95	93	94	95
Cambodia	79	88	84	86	89	91	96	100	103	107
Indonesia	101	99	96	102	101	102	-	-	96	-
Lao PDR	79	81	-	58	-	-	-	-	89	-
Malaysia	99	99	99	99	99	99	99	94	108	110
Myanmar	106	106	106	106	107	106	107	107	108	106
Philippines	100	100	100	100	100	100	100	100	100	100
Singapore	100	100	99	100	99	100	100	100	100	100
Thailand	110	109	105	109	-	106	-	-	110	-
Viet Nam	-	-	-	96	-	94	95	95	95	-

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

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

Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School, 2007-2016

(in percent)

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
PRIMARY SCHOOL										
Brunei Darussalam	13	13	12	-	11	11	10	10	10	10
Cambodia	51	49	50	48	48	48	-	-	46	43
Indonesia	19	18	17	17	18	20	17	17	-	14
Lao PDR	31	30	31	29	27	26	-	-	24	23
Malaysia	-	15	14	13	13	12	-	-	12	12
Myanmar	29	28	28	28	27	28	-	-	-	-
Philippines	34	-	31	-	-	-	-	-	-	-
Singapore	22	19	17	-	18	18	16	-	-	-
Thailand	18	16	-	-	-	-	-	-	17	-
Viet Nam	20	19	19	19	19	19	19	19	19	20
SECONDARY SCHOOL										
Brunei Darussalam	11	11	10	-	-	9	8	8	9	9
Cambodia	29	29	27	27	25	23	-	-	-	-
Indonesia	13	14	14	14	17	19	17	16	-	14
Lao PDR	23	23	15	16	14	13	-	-	19	18
Malaysia	-	15	14	13	13	13	-	-	12	13
Myanmar	33	36	35	34	35	34	-	-	-	-
Philippines	35	-	35	-	-	-	-	-	-	-
Singapore	18	16	15	-	15	14	13	-	-	-
Thailand	21	21	-	-	20	-	-	-	28	-
Viet Nam	21	17	16	16	16	15	16	16	-	-

Source:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific 2010-2017
 United Nations Educational, Scientific and Cultural Organization (UNESCO) Website

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

Table 2.6. Crude Birth Rate (CBR) and Crude Death Rate (CDR), 2007-2016

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CRUDE BIRTH RATE (CBR)										
Brunei Darussalam	16.2	17.1	17.4	16.6	17.1	17.3	16.5	16.8	16.1	15.2
Cambodia	26.4	24.7	24.7	22.5	-	25.9	25.7	-	23.8	23.3
Indonesia	18.7	18.6	18.2	18.2	-	20.4	18.8	-	19.6	19.0
Lao PDR	32.6	31.6	30.7	22.8	-	28.1	27.2	26.6	26.3	23.9
Malaysia	17.6	20.4	20.0	20.3	17.1	17.2	17.1	-	16.8	17.1
Myanmar	18.2	20.5	20.3	17.3	-	17.4	17.2	-	17.5	17.8
Philippines	25.8	24.7	24.4	25.1	-	24.6	24.4	-	23.3	23.2
Singapore	10.3	10.2	9.9	9.3	9.5	10.1	9.3	9.8	9.7	9.4
Thailand	14.6	14.5	14.4	12.1	12.4	12.5	10.2	-	10.5	10.3
Viet Nam	16.9	16.7	17.6	17.1	16.6	16.9	17.0	17.2	16.9	16.7
CRUDE DEATH RATE (CDR)										
Brunei Darussalam	3.0	2.9	3.1	3.1	3.1	3.0	3.5	3.6	3.7	3.9
Cambodia	9.0	8.3	8.2	8.0	-	6.0	6.0	-	6.0	6.1
Indonesia	6.3	6.3	6.3	7.0	-	6.3	6.2	-	7.2	7.1
Lao PDR	9.1	8.7	8.4	6.3	-	7.4	7.0	6.3	6.6	6.7
Malaysia	4.4	4.5	4.5	4.7	4.6	4.7	4.7	-	5.0	4.9
Myanmar	9.7	9.8	9.6	8.6	-	8.5	8.5	-	8.3	8.1
Philippines	4.8	4.8	4.8	5.8	-	6.0	6.0	-	6.8	6.5
Singapore	4.5	4.4	4.3	4.4	4.5	4.5	4.6	4.7	4.8	4.8
Thailand	8.5	9.0	6.2	6.5	6.5	6.5	7.7	-	8.0	7.9
Viet Nam	5.3	5.3	6.8	6.8	6.9	7.0	7.1	6.9	5.8	5.8

Source:
 ASEAN Secretariat
 ADB Key Indicators 2010-2017
 UNESCAP yearbook 2015-2017
 World Bank - World Development Indicators - WDI Databank

Note:
 '-' not available at the time of publication
 CBR: number of live births per 1000 mid-year total population
 CDR: number of deaths per 1000 mid-year total population

Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate, 2008-2017

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
INFANT MORTALITY RATE (IMR)										
Brunei Darussalam	7.0	7.4	6.1	8.3	9.3	7.8	7.3	8.7	8.1	9.6
Cambodia	60.0	60.0	44.9	36.0	33.0	-	-	27.0	26.3	25.0
Indonesia	-	-	34.0	34.0	27.9	27.2	-	22.2	25.5	21.0
Lao PDR	61.8	59.2	56.6	68.0	51.5	48.9	-	57.0	48.9	49.0
Malaysia	6.2	6.9	6.8	6.6	6.6	-	-	6.9	6.7	7.3
Myanmar	29.5	27.2	27.1	27.0	26.0	24.3	-	39.0	40.1	39.0
Philippines	24.5	23.9	27.0	20.0	-	-	-	23.0	21.5	21.0
Singapore	2.1	2.2	2.0	2.0	1.8	2.0	1.8	1.7	2.4	2.2
Thailand	7.3	7.1	7.0	6.6	6.8	-	-	6.2	11.0	8.0
Viet Nam	15.0	16.0	15.8	15.5	15.4	15.3	14.9	14.7	14.5	17.0
UNDER-5 MORTALITY RATE										
Brunei Darussalam	9.5	8.2	7.2	10.0	10.3	9.7	8.7	9.9	10.1	11.6
Cambodia	-	-	54.0	43.0	40.0	-	-	35.0	30.6	29.0
Indonesia	-	-	42.0	32.0	40.0	-	-	26.3	26.4	25.0
Lao PDR	84.4	80.4	76.4	79.0	68.4	64.3	-	86.0	63.9	63.0
Malaysia	8.0	8.5	8.5	-	9.0	-	-	8.4	8.1	8.6
Myanmar	40.7	36.5	34.9	33.9	29.6	-	-	52.0	50.8	49.0
Philippines	-	-	36.0	25.0	-	-	-	31.0	27.1	27.0
Singapore	2.7	2.8	2.9	2.9	2.7	2.6	2.6	2.6	2.8	2.9
Thailand	9.9	9.8	9.8	9.0	9.0	9.0	-	8.6	12.2	10.0
Viet Nam	22.5	24.1	23.8	23.3	23.2	23.1	22.4	22.1	21.6	21.0

Source:
 ASEAN Secretariat
 ADB Key Indicators 2009-2017
 ADB Basic Indicators 2014; World Health Statistics Report 2018;
 World Bank – World Development Indicators – WDI Databank;
 UNDP - Human Development Indices and Indicators - 2018 Statistical Update;
 UN UGME Child Mortality Report 2018

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

Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Rate (MMR) of ASEAN Countries, 2007-2016

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL FERTILITY RATE (TFR)										
Brunei Darussalam	1.7	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.8	1.8
Cambodia	3.2	2.9	2.9	2.6	-	-	2.7	2.6	2.6	2.6
Indonesia	2.2	2.2	2.1	2.1	-	-	2.5	2.4	2.4	2.4
Lao PDR	4.2	4.0	3.4	2.7	-	3.4	3.2	2.8	2.9	2.7
Malaysia	2.6	2.6	2.5	2.1	2.1	2.1	2.0	2.1	1.9	2.0
Myanmar	2.1	2.3	2.3	2.4	2.3	2.2	2.2	2.3	2.2	2.2
Philippines	3.2	3.1	3.0	3.1	-	-	3.0	3.0	2.9	2.9
Singapore	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2
Thailand	1.9	1.8	1.8	1.6	-	-	1.5	1.5	1.5	1.5
Viet Nam	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0
MATERNAL MORTALITY RATE (MMR) DEATH PER 100,000 LIVE BIRTHS										
Brunei Darussalam	15.8	-	15.1	15.6	-	43.4	15.0	14.5	23.0	-
Cambodia	-	-	-	206.0	-	-	170.0	-	161.0	-
Indonesia	-	-	-	169.0	-	-	190.0	-	126.0	-
Lao PDR	-	-	-	280.0	-	-	220.0	-	197.0	-
Malaysia	29.0	27.3	27.0	26.1	26.2	25.6	29.0	-	23.8	29.1
Myanmar	-	-	-	233.0	-	-	200.0	-	180.0	-
Philippines	-	-	-	129.0	-	-	120.0	-	114.0	-
Singapore	7.6	7.5	0.0	2.6	8.0	2.0	3.0	2.0	7.1	4.8
Thailand	12.2	11.3	10.8	10.2	8.9	17.6	26.0	-	24.6	-
Viet Nam	75.0	76.0	69.0	69.0	-	-	49.0	-	54.0	-

Source:
 ASEAN Secretariat
 ADB Key Indicators 2008-2017
 Human Development Report 2008-2009
 World Bank - World Development Indicators - WDI Databank
 UNDP - Human Development Indices and Indicator - 2018 Statistical Update

Note:
 Total Fertility Rate (TFR): average number of children that would be born to a woman over her lifetime
 '-' not available at the time of publication

Table 2.9. Life Expectancy at Birth, by Sex, 2008-2017

(in years)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL										
Brunei Darussalam	78.2	77.6	77.7	77.1	80.0	79.6	79.2	79.4	80.7	80.7
Cambodia	63.1	63.8	64.5	65.2	65.9	66.6	67.6	68.3	69.1	69.9
Indonesia	70.5	70.7	69.8	70.0	70.2	70.4	70.6	70.8	70.9	71.1
Lao PDR	-	-	64.7	65.4	66.1	66.9	68.0	68.0	-	67.0
Malaysia	73.9	73.9	74.1	74.3	74.4	74.6	74.7	74.8	74.8	75.5
Myanmar	66.2	66.5	66.6	66.9	68.1	68.7	69.0	69.4	-	66.7
Philippines	68.9	68.9	68.9	70.4	-	68.7	70.4	70.4	-	69.2
Singapore	80.9	81.4	81.7	81.9	82.1	82.4	82.8	82.9	82.9	83.1
Thailand	-	-	-	74.1	74.2	74.4	-	74.6	74.3	75.5
Viet Nam	73.2	72.8	72.9	73.0	73.0	73.1	73.2	73.3	73.4	76.5
MALE										
Brunei Darussalam	76.6	77.1	76.5	75.6	78.8	78.9	78.2	78.4	80.5	80.5
Cambodia	60.0	60.7	61.4	62.0	62.7	63.4	65.6	66.4	67.1	67.9
Indonesia	68.6	68.8	69.0	67.7	67.7	-	-	67.0	69.0	69.2
Lao PDR	64.9	65.4	62.7	66.5	-	-	66.0	65.0	-	65.4
Malaysia	71.6	71.6	71.9	72.1	72.2	72.4	72.5	72.5	72.5	73.3
Myanmar	64.2	64.5	64.6	64.9	66.6	67.5	-	64.0	-	64.4
Philippines	66.1	66.1	66.1	67.6	65.2	65.4	-	73.1	-	65.9
Singapore	78.4	78.9	79.2	79.5	79.8	80.1	80.5	80.5	80.6	80.7
Thailand	70.3	70.4	70.6	70.8	70.9	71.1	-	71.3	-	71.8
Viet Nam	70.6	70.2	70.3	70.4	70.5	70.5	70.6	70.7	70.8	71.8
FEMALE										
Brunei Darussalam	79.8	77.9	77.8	78.5	81.1	80.2	80.1	80.4	80.8	80.8
Cambodia	66.3	67.0	67.7	68.4	69.1	69.8	69.6	70.4	71.2	72.0
Indonesia	72.6	72.6	72.9	71.1	71.7	-	-	71.2	72.9	73.1
Lao PDR	67.5	68.0	66.7	68.9	-	-	70.0	62.0	-	68.6
Malaysia	76.4	76.5	76.6	76.8	76.9	77.1	77.2	77.4	77.4	77.9
Myanmar	68.3	68.4	68.6	68.7	69.5	69.9	-	68.2	-	69.1
Philippines	71.6	71.6	71.6	73.1	-	72.2	-	67.6	-	72.8
Singapore	83.3	83.7	84.0	84.1	84.3	84.5	84.9	85.1	85.1	85.2
Thailand	77.1	77.3	77.4	77.5	77.6	77.8	-	78.0	-	79.3
Viet Nam	76.0	75.6	75.7	75.8	75.8	75.9	76.0	76.1	76.1	81.0

Source:

ASEAN Secretariat

ADB Key Indicators for Asia and the Pacific 2014-2017

World Bank - World Development Indicators - WDI Databank

UNDP - Human Development Indices and Indicator - 2018 Statistical Update

Note:

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

'-' not available at the time of publication

Table 2.10. Immunisation Against Measles and DPT Among Children of 1 Year Old, 2007-2016

(in percent)

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
MEASLES										
Brunei Darussalam	96.8	97.0	99.0	94.4	91.0	98.6	96.0	97.0	96.0	98.0
Cambodia	79.0	80.0	81.0	81.9	93.0	93.0	93.0	94.0	81.0	81.0
Indonesia	75.9	75.5	77.2	77.7	76.9	78.0	77.9	78.7	75.0	72.8
Lao PDR	40.0	40.0	59.0	78.0	69.0	72.0	82.0	87.0	88.0	76.0
Malaysia	87.5	94.3	96.9	96.1	95.2	95.5	95.3	94.0	93.1	94.4
Myanmar	81.0	82.0	87.0	88.0	84.9	84.0	86.0	88.0	84.0	91.0
Philippines	92.0	92.0	88.0	88.0	79.0	85.0	90.0	88.0	82.0	80.0
Singapore	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Thailand	96.0	96.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0	99.0
Viet Nam	82.8	95.6	97.0	97.8	96.5	96.4	97.7	86.2	97.0	99.0
DPT										
Brunei Darussalam	99.0	99.0	99.0	95.4	97.0	95.4	99.6	99.0	99.0	100.0
Cambodia	82.0	82.0	94.0	92.0	94.0	95.0	92.0	97.0	89.0	90.0
Indonesia	86.4	86.1	89.1	89.8	89.1	90.0	90.3	90.7	83.5	84.8
Lao PDR	50.0	50.0	57.0	74.0	78.0	79.0	89.0	94.0	89.0	82.0
Malaysia	96.0	96.0	95.0	94.0	99.0	99.0	97.0	93.0	99.0	98.0
Myanmar	86.0	85.0	90.0	90.0	83.5	85.0	90.0	92.0	89.0	90.0
Philippines	87.0	87.0	87.0	87.0	81.0	86.0	98.0	86.0	60.0	86.0
Singapore	97.0	97.0	97.0	96.0	96.0	97.0	97.0	96.0	96.0	98.0
Thailand	98.0	98.0	99.0	99.0	99.0	99.0	100.0	100.0	99.0	99.0
Viet Nam	92.0	92.0	96.0	93.0	95.0	97.0	83.0	95.0	97.0	96.0

Source:
 ASEAN Secretariat
 Statistical Yearbook for Asia and the Pacific 2009–2012 for immunisation against measles and DPT
 WHO and UNICEF estimates of immunization for 2014, for 2013 and 2014 except Indonesia, Singapore, and Viet Nam on Measles.
 World Bank – World Development Indicators – WDI Databank

Note:
 Singapore: proportion of children aged 2, immunized
 ‘-’ not available at the time of publication

Table 2.11. Prevalence of Malaria and Tuberculosis^{*)}, 2007-2016

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
MALARIA										
Brunei Darussalam	-	-	-	-	4.1	2.3	2.0	1.2	1.9	1.7
Cambodia	-	-	-	20.5	-	-	-	-	13.0	8.9
Indonesia	2.9	2.4	1.8	2.0	1.8	1.7	1.4	1.0	0.9	0.8
Lao PDR	-	-	-	17.8	-	-	-	-	20.9	7.8
Malaysia	19.9	20.1	26.7	24.8	23.5	18.6	16.1	13.0	13.0	7.6
Myanmar	9.0	10.8	10.0	11.7	10.9	8.1	6.8	4.1	3.6	2.3
Philippines	41.0	26.2	21.6	13.0	9.8	-	-	-	8.0	0.5
Singapore	3.4	3.1	3.4	3.7	2.9	2.7	2.1	1.1	0.8	0.0
Thailand	49.1	45.7	36.6	40.3	33.0	-	-	-	9.3	1.6
Viet Nam	83.3	70.2	70.8	62.0	51.6	49.3	39.0	30.0	35.0	-
TUBERCULOSIS										
Brunei Darussalam	64	68	64	70	67	70	60	55	58	66
Cambodia	480	465	450	436	423	411	400	390	368	345
Indonesia	429	424	419	415	410	407	403	399	395	391
Lao PDR	249	240	230	221	213	204	197	189	182	175
Malaysia	70	73	72	76	80	86	91	92	88	92
Myanmar	396	392	388	384	380	376	373	369	365	361
Philippines	520	524	528	531	535	539	543	546	550	554
Singapore	33	37	35	35	36	50	46	46	45	51
Thailand	205	196	188	181	176	172	170	171	172	172
Viet Nam	168	164	159	155	151	147	144	140	137	133

Source:
 ASEAN Secretariat
 Health Statistics Profile 2013, 2015, 2016 for Indonesia (Malaria)
 World Bank - World Development Indicators - WDI Databank for Tuberculosis Data (all country)
 World Health Statistic Report 2018

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

Table 2.12. HIV Prevalence Rate Among 15-49 Year Old People, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
HIGH ESTIMATES										
Brunei Darussalam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5
Indonesia	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Lao PDR	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Malaysia	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Myanmar	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Philippines	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Singapore	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Thailand	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Viet Nam	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1

Source:
World Bank – World Development Indicators – WDI Databank

Table 2.13. Proportion of Population with Access to Safe Drinking Water and Access to Improved Sanitation, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ACCESS TO SAFE DRINKING WATER										
Brunei Darussalam	100	100	100	100	100	100	100	100	100	100
Cambodia	55	49	48	51	51	54	-	59	61	65
Indonesia	46	48	44	43	43	41	39	71	71	72
Lao PDR	-	-	82	70	70	-	-	61	89	78
Malaysia	91	93	94	94	94	-	-	95	96	97
Myanmar	82	83	83	-	-	-	-	80	-	80
Philippines	81	-	83	83	83	-	-	86	83	92
Singapore	100	100	100	100	100	100	100	100	100	100
Thailand	-	99	99	100	100	97	-	97	-	98
Viet Nam	91	-	89	96	91	-	92	93	93	98
ACCESS TO IMPROVED SANITATION										
Brunei Darussalam	80	80	80	80	80	-	-	87	87	92
Cambodia	33	35	40	44	44	52	-	62	73	76
Indonesia	49	51	51	56	56	58	-	62	67	68
Lao PDR	-	-	49	57	62	-	-	73	74	75
Malaysia	98	98	98	98	99	-	-	100	100	96
Myanmar	82	83	84	81	81	80	-	80	-	81
Philippines	89	-	92	92	92	-	-	94	92	74
Singapore	100	100	100	100	100	100	100	100	100	100
Thailand	99	99	99	100	100	97	-	100	-	93
Viet Nam	65	-	76	75	77	-	79	84	84	82

Source:
 ASEAN Secretariat
 ADB Key Indicators 2009-2014
 ADB - Basic Statistics 2018
 World Bank - World Development Indicators - WDI Databank

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

CHAPTER 3

EMPLOYMENT



Table 3.1. Unemployment Rate of 15 Years Old and Over, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	8.6	8.8	9.1	9.3	9.6	-	6.9	-	-	-
Cambodia	0.3	0.1	0.3	0.2	0.2	0.3	0.2	1.0	0.2	-
Indonesia	8.4	7.9	7.1	6.6	6.1	6.3	5.9	6.2	5.6	5.3
Lao PDR	-	-	1.9	-	-	-	-	-	-	-
Malaysia	3.3	3.7	3.3	3.1	3.0	3.1	2.9	2.9	3.1	3.4
Myanmar ¹⁾	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.8	-	2.1
Philippines	7.4	7.5	7.4	7.0	7.0	7.1	6.6	6.3	5.5	6.6
Singapore ²⁾	3.2	4.3	3.1	2.9	2.8	2.8	2.7	2.8	3.0	3.1
Thailand ³⁾	1.4	1.5	1.0	0.7	0.7	0.7	0.8	0.9	1.0	1.2
Viet Nam ⁴⁾	2.2	2.6	2.6	2.0	1.8	2.0	1.9	2.1	2.1	2.0

Source:
ASEAN Secretariat

Notes:

- 1) Myanmar unemployment rate is 10 years and over
- 2) Singapore's resident unemployment (annual average)
- 3) Thailand unemployment rate using average period
- 4) Unemployment rate at urban area of Viet Nam

'-' not available at the time of publication

Table 3.2. Number of Unemployment, 2008-2017

(in thousand)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	16.0	16.9	17.9	18.8	19.8	-	14.1	-	-	-
Cambodia	24.6	11.0	27.5	16.0	12.0	8.0	15.0	8.0	16.0	-
Indonesia	9,394.5	8,962.6	8,319.8	7,700.1	7,245.0	7,388.7	7,244.9	7,560.8	7,031.8	7,005.3
Lao PDR	-	-	-	-	3,886.6	-	-	-	-	-
Malaysia	368.5	418.0	404.4	389.2	401.2	435.1	411.1	450.3	504.1	502.6
Myanmar	1,200.0	-	1,240.0	1,260.0	1,280.0	1,290.0	954.0	168.0	-	-
Philippines	2,716.0	2,831.0	2,858.0	2,814.0	2,826.0	2,904.0	2,728.0	2,602.0	2,363.0	2,761.0
Singapore ¹⁾	62.9	86.9	64.8	60.6	60.0	59.8	61.2	62.5	67.4	70.9
Thailand ²⁾	522.0	572.3	402.2	264.3	259.1	283.5	322.7	340.6	377.5	450.7
Viet Nam	1,080.4	1,287.0	1,344.0	1,045.0	926.0	1,037.8	1,003.5	1,144.0	1,143.0	1,120.4

Source:
ASEAN Secretariat

Notes:

- 1) Singapore's residents only
- 2) Thailand unemployment rate using average period

'-' not available at the time of publication

Table 3.3. Unemployment Rate of People 15 Years Old and Over, by Sex, 2008-2017

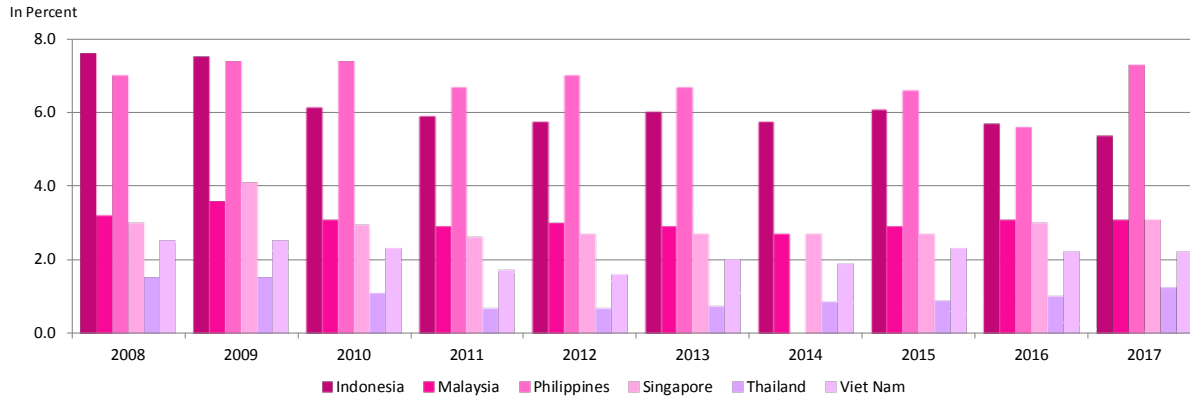
(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
MALE										
Brunei Darussalam	7.5	7.5	7.6	7.5	7.6	-	6.2	-	-	-
Cambodia	0.3	0.2	0.4	0.3	0.1	0.3	1.0	1.0	0.2	-
Indonesia	7.6	7.5	6.2	5.9	5.8	6.0	5.8	6.1	5.7	5.4
Lao PDR	-	-	1.8	-	-	-	-	-	-	-
Malaysia	3.2	3.6	3.1	2.9	3.0	2.9	2.7	2.9	3.1	3.1
Myanmar	3.7	3.7	3.7	3.7	3.7	3.7	3.9	0.7	-	1.5
Philippines	7.0	7.4	7.4	6.7	7.0	6.7	-	6.6	5.6	7.3
Singapore	3.0	4.1	3.0	2.6	2.7	2.7	2.7	2.7	3.0	3.1
Thailand	1.5	1.5	1.1	0.7	0.7	0.8	0.9	0.9	1.0	1.2
Viet Nam	2.5	2.5	2.3	1.7	1.6	2.0	1.9	2.3	2.2	2.2
FEMALE										
Brunei Darussalam	10.1	10.7	11.3	11.7	12.4	-	7.8	-	-	-
Cambodia	0.4	0.1	0.3	0.1	0.2	0.3	1.0	-	0.1	-
Indonesia	9.7	8.5	8.7	7.6	6.7	6.4	6.3	6.4	5.4	5.3
Lao PDR	-	-	2.0	-	-	-	-	-	-	-
Malaysia	3.7	3.8	3.6	3.3	3.2	3.4	3.2	3.4	3.9	3.9
Myanmar	4.6	4.6	4.6	4.6	4.6	4.6	4.1	0.9	-	3.0
Philippines	6.6	6.7	6.7	6.1	6.7	5.9	-	5.8	5.2	5.3
Singapore	3.5	4.7	3.4	3.2	3.1	2.9	2.9	2.9	3.0	3.1
Thailand	1.3	1.4	1.0	0.6	0.6	0.7	0.8	0.9	1.0	1.1
Viet Nam	1.9	2.7	3.1	2.4	2.0	1.9	1.8	2.0	1.9	1.9

Source:
ASEAN Secretariat

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

Graph 3.1. Unemployment Rate of Males 15 Years Old and Over, 2008-2017



Graph 3.2. Unemployment Rate of Females 15 Years Old and Over, 2008-2017

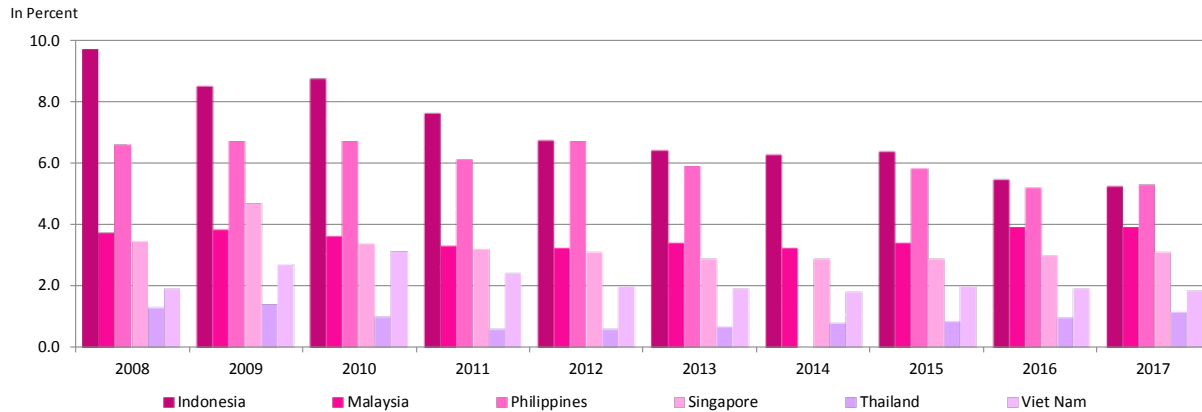


Table 3.4. Unemployment Rate of People 15-24 Years Old, by Sex, 2008-2017

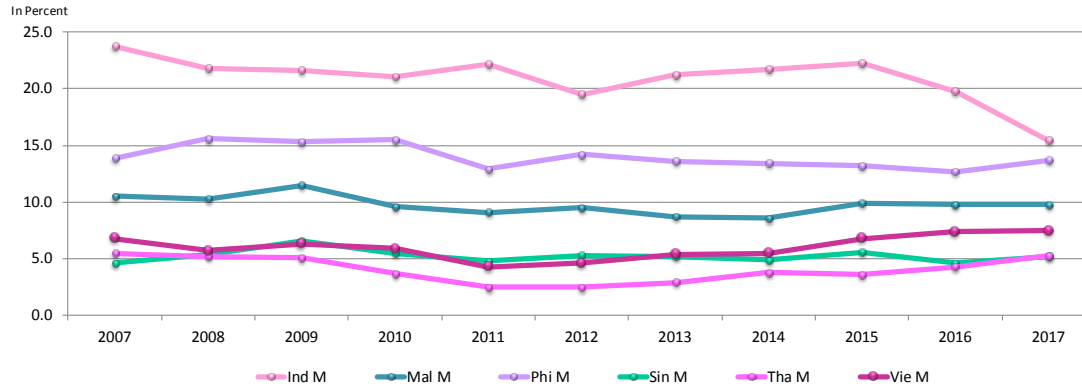
(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
MALE										
Brunei Darussalam	-	-	-	-	-	-	23,5	-	-	-
Cambodia	0.6	0.2	0.7	0.4	0.3	0.2	0.2	0.1	-	-
Indonesia	21.8	21.6	21.1	22.2	19.5	21.2	21.7	22.3	19.8	15.4
Lao PDR	-	-	3.4	-	-	-	-	-	-	-
Malaysia	10.3	11.5	9.6	9.1	9.5	8.7	8.6	9.9	9.8	9.8
Myanmar	-	-	-	-	-	-	9.1	1.4	-	3.9
Philippines	15.6	15.3	15.5	12.9	14.2	13.6	-	-	12.7	13.7
Singapore	5.4	6.6	5.5	4.8	5.3	5.2	4.9	5.6	4.6	5.2
Thailand	5.2	5.1	3.7	2.5	2.5	2.9	3.8	3.6	4.3	5.3
Viet Nam	-	6.3	5.9	4.3	4.6	5.4	5.5	6.8	7.4	7.5
FEMALE										
Brunei Darussalam	-	-	-	-	-	-	27.8	-	-	-
Cambodia	0.5	0.2	0.4	0.3	0.2	0.1	0.1	0.1	-	-
Indonesia	25.5	23.0	22.0	23.8	19.8	22.1	22.9	23.1	19.0	15.1
Lao PDR	-	-	3.6	-	-	-	-	-	-	-
Malaysia	11.8	12.5	11.1	10.7	10.7	11.5	10.9	11.8	11.4	11.4
Myanmar	-	-	-	-	-	-	9.5	1.8	-	6.2
Philippines	18.1	18.7	18.6	15.7	17.4	15.7	-	-	14.9	15.6
Singapore	8.9	11.5	9.6	9.0	8.2	8.6	8.1	8.1	8.8	9.1
Thailand	5.3	6.3	4.2	3.0	3.1	4.0	5.0	4.9	5.8	6.8
Viet Nam	-	6.1	8.3	6.2	6.6	7.1	7.2	7.3	7.5	7.5

Source:
ASEAN Secretariat

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

Graph 3.3. Unemployment Rate of Males 15-24 Years Old, 2007-2017



Graph 3.4. Unemployment Rate of Females 15-24 Years Old, 2007-2017

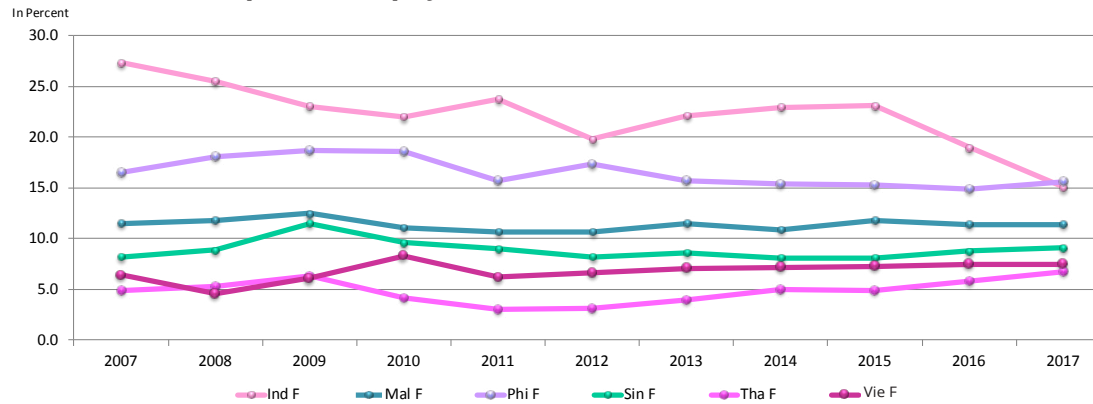


Table 3.5. Labour Force Participation Rate, 2008-2017

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	70.0	70.8	71.4	68.9	72.2	-	65.6	-	-	-
Cambodia	78.6	81.7	84.4	85.1	84.2	83.0	82.6	82.7	82.5	-
Indonesia	67.2	67.2	67.7	68.3	67.9	66.9	66.6	65.8	66.3	69.0
Lao PDR	-	-	77.7	-	-	-	-	68.0	-	-
Malaysia	62.6	62.9	63.7	64.5	65.6	67.3	67.6	67.9	67.7	68.0
Myanmar ¹⁾	66.2	66.6	66.1	66.0	66.3	66.9	57.0	64.7	-	61.5
Philippines	63.7	64.0	64.2	66.3	63.9	63.9	64.6	63.7	63.6	60.7 ^{p/}
Singapore ²⁾	65.6	65.4	66.2	66.1	66.6	66.7	67.0	68.3	68.0	67.7
Thailand ³⁾	73.4	73.5	73.0	73.3	73.0	71.6	70.3	69.8	68.8	68.1
Viet Nam ⁴⁾	75.5	76.5	77.4	77.0	76.8	77.5	77.7	77.8	77.3	76.3

Source:
ASEAN Secretariat

Notes:

- 1) Myanmar unemployment rate is 10 years and over
- 2) Singapore's resident unemployment (annual average)
- 3) Thailand unemployment rate using average period
- 4) Unemployment rate at urban area of Viet Nam

'-' not available at the time of publication

p/ preliminary figure

Table 3.6. Number of Labour Force, 2008-2017

(in thousand)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	186.9	191.6	196.5	202.5	206.0	-	203.6	-	-	-
Cambodia	6,854.0	7,480.0	7,702.0	7,907.0	7,718.0	7,974.0	8,259.0	8,359.0	8,624.0	-
Indonesia	113,797.0	115,825.0	117,844.1	116,825.5	120,317.7	120,172.0	121,872.9	122,380.0	125,443.7	131,544.1
Lao PDR	-	-	-	-	-	-	-	3,489.1	-	-
Malaysia	11,028.1	11,315.3	12,303.9	12,740.7	13,221.7	13,980.5	14,263.6	14,518.0	14,667.8	14,952.6
Myanmar	29,950.0	30,490.0	30,960.0	31,390.0	31,820.0	32,140.0	22,110.0	21,960.0	-	22,389.0
Philippines	36,805.0	37,892.0	38,893.0	40,006.0	40,426.0	41,022.0	41,379.0	41,343.0	43,356.0	42,109.0
Singapore ¹⁾	1,928.3	1,985.7	2,047.3	2,080.1	2,119.6	2,138.8	2,185.2	2,232.3	2,257.6	2,269.7
Thailand ²⁾	37,700.4	38,426.8	38,643.5	38,921.5	39,407.8	38,661.1	38,576.2	38,548.2	38,266.6	38,099.8
Viet Nam	48,210.0	49,322.0	50,393.0	51,398.0	52,348.0	53,246.0	53,748.0	53,984.0	54,445.3	54,823.8

Source:
ASEAN Secretariat

Notes:

- 1) Singapore's residents only
- 2) Thailand unemployment rate using average period

'-' not available at the time of publication

Table 3.7. Labour Force Participation Rate, by Sex, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
MALE										
Brunei Darussalam	78.8	79.5	80.1	77.3	80.5	-	72.4	-	-	-
Cambodia	86.5	86.8	88.3	89.0	89.1	88.7	87.9	88.5	89.4	-
Indonesia	83.5	83.6	83.8	83.9	84.2	83.4	83.1	82.7	82.0	83.0
Lao PDR	-	-	79.3	-	-	-	-	62.0	-	-
Malaysia	79.0	78.9	79.3	79.7	80.5	81.0	80.6	80.6	80.2	80.1
Myanmar	82.5	83.0	82.4	82.4	82.7	83.5	85.2	80.2	-	78.0
Philippines	78.8	78.7	78.5	79	78.5	78.1	78.6	77.3	77.6	76.1
Singapore	76.1	76.3	76.5	75.6	76.0	75.8	75.9	76.7	76.2	76.0
Thailand	81.2	81.3	80.7	80.3	80.7	80.4	79.3	78.6	77.6	76.9
Viet Nam	80.1	81.0	82.0	81.7	81.2	82.1	82.5	83.0	82.4	81.2
FEMALE										
Brunei Darussalam	60.6	61.5	62.0	59.9	63.2	-	58.3	-	-	-
Cambodia	71.7	77.0	80.8	81.6	79.7	77.8	77.5	72.2	78.9	-
Indonesia	51.1	51.0	51.8	49.8	51.4	50.3	50.2	48.9	50.8	55.0
Lao PDR	-	-	76.2	-	-	-	-	69.0	-	-
Malaysia	45.7	46.4	46.8	48.0	49.5	52.6	53.7	54.1	54.3	54.7
Myanmar	50.1	50.4	50.0	50.0	5.2	50.7	50.5	51.6	-	47.7
Philippines	48.6	49.4	49.7	50.4	50	49.9	50.7	50.1	49.4	45.2
Singapore	55.6	55.2	56.5	57.0	57.7	58.1	58.6	60.4	60.4	59.8
Thailand	64.5	64.7	64.3	64.3	64.3	63.2	62.0	61.6	60.6	59.8
Viet Nam	71.3	72.3	73.0	72.6	72.5	73.2	73.3	72.9	72.5	71.6

Source:
ASEAN Secretariat

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

Table 3.8. Number of Employment by Major Industry Group

(in thousand)

COUNTRY	YEAR	Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	TOTAL
Brunei Darussalam	1995	2	4	38	12	4	5	4	6	76
	2014	1	7	14	33	10	17	83	25	190
Cambodia	2004	4,520	712	195	1,087	195	30	727	30	7,496
	2014	3,930	941	356	1,219	321	29	233	136	7,164
	2016	3,130	2,291	-	3,187	-	-	-	-	8,608
Indonesia	2015	37,748	15,255	8,208	25,686	5,107	3,267	17,939	1,609	114,819
	2016	37,770	15,540	7,979	26,690	5,609	3,532	19,459	1,834	118,412
	2017	39,678	16,573	7,163	29,105	5,692	3,593	20,949	1,786	124,539
Lao PDR	2010	2,155	153	71	267	32	7	133	203	3,021
	2015	2,501	123	103	184	28	12	220	318	3,489
Malaysia	2015	1,754	2,323	1,310	3,512	829	426	751	3,163	14,068
	2016	1,610	2,391	1,252	3,689	839	429	748	3,206	14,164
	2017	1,632	2,509	1,256	3,801	877	453	741	3,181	14,450
Myanmar	2014	11,736	1,524	1,018	2,071	865	45	657	4,499	22,415
	2015	11,266	2,375	1,024	3,116	959	0	501	2,550	21,791
Philippines	2014	11,962	3,146	2,563	9,088	3,068	1,981	4,117	2,912	38,837
	2015	11,773	3,222	2,784	9,387	3,142	2,108	4,375	2,984	39,775
	2016	11,801	3,378	3,391	9,849	3,385	2,396	4,336	3,149	41,685
Singapore ^{1/}	2015	-	239	110	503	271	501	501	23	2,148
	2016	-	228	101	502	273	525	516	20	2,165
	2017	-	224	101	491	285	535	519	22	2,175
Thailand	2014	12,733	6,393	2,269	8,753	1,440	1,003	495	6,184	39,270
	2015	12,272	6,454	2,282	8,819	1,458	1,106	548	6,294	39,232
	2016	11,747	6,289	2,352	9,061	1,430	1,086	579	6,348	38,891
Viet Nam	2014	24,440	7,621	3,186	8,860	1,855	1,000	3,414	698	51,074
	2015	23,259	8,083	3,432	9,151	1,930	1,062	5,238	685	52,840
	2016	22,315	8,867	3,800	9,218	1,957	1,092	5,325	729	53,303

Source:
ASEAN Member States (AMSs) data submission, official website
of national statistical offices, statistical yearbooks

Note:
1/ Employment as at June; Singapore's Resident only
1/2 not available at the time of publication

Table 3.9. Percentage of Employment by Major Industry Group

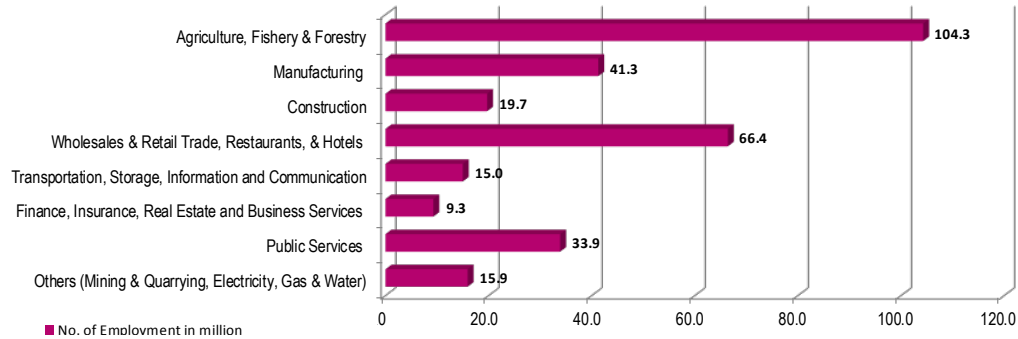
(in percent)

COUNTRY	YEAR	Agriculture, Fishery & Forestry	Manufacturing	Construction	Wholesales & Retail Trade, Restaurants, & Hotels	Transportation, Storage, Communication	Finance, Insurance, Real Estate and Business Services	Public Services	Others (Mining & Quarrying, Electricity, Gas & Water, Unknown)	TOTAL
Brunei Darussalam	1995	2.0	5.8	50.4	15.6	5.7	6.8	5.6	7.9	100.0
	2000	0.6	3.8	7.4	17.3	5.1	8.8	43.6	13.4	100.0
Cambodia	2003	64.8	9.1	2.1	12.8	2.7	0.3	7.8	0.3	100.0
	2004	60.3	9.5	2.6	14.5	2.6	0.4	9.7	0.4	100.0
	2014	54.9	13.1	5.0	17.0	4.5	0.4	3.3	1.9	100.0
Indonesia	2015	32.9	13.3	7.1	22.4	4.4	2.8	15.6	1.4	100.0
	2016	31.9	13.1	6.7	22.5	4.7	3.0	16.4	1.5	100.0
	2017	31.9	13.3	5.8	23.4	4.6	2.9	16.8	1.4	100.0
Lao PDR	2010	71.3	5.1	2.4	8.9	1.1	0.2	4.4	6.7	100.0
	2015	71.7	3.5	3.0	5.3	0.8	0.3	6.3	9.1	100.0
Malaysia	2015	12.5	16.5	9.3	25.0	5.9	3.0	5.3	22.5	100.0
	2016	11.4	16.9	8.8	26.0	5.9	3.0	5.3	22.6	100.0
	2017	11.3	17.4	8.7	26.3	6.1	3.1	5.1	22.0	100.0
Myanmar	2014	52.4	6.8	4.5	9.2	3.9	0.2	2.9	20.1	100.0
	2015	51.7	10.9	4.7	14.3	4.4	0.0	2.3	11.7	100.0
Philippines	2015	30.8	8.1	7.0	23.4	7.9	5.3	11.0	7.5	100.0
	2016	29.6	8.1	8.1	23.6	7.9	5.7	10.4	7.5	100.0
	2017	28.3	8.1	8.1	23.6	8.1	5.7	10.4	7.6	100.0
Singapore ^{1/}	2015	-	11.1	5.1	23.4	12.6	23.3	23.3	1.1	100.0
	2016	-	10.5	4.7	23.2	12.6	24.3	23.8	0.9	100.0
	2017	-	10.3	4.6	22.6	13.1	24.6	23.9	1.0	100.0
Thailand	2014	32.4	16.3	5.8	22.3	3.7	2.6	1.3	15.7	100.0
	2015	31.3	16.4	5.8	22.5	3.7	2.8	1.4	16.0	100.0
	2016	30.2	16.2	6.0	23.3	3.7	2.8	1.5	16.3	100.0
Viet Nam	2014	47.9	14.9	6.2	17.3	3.6	2.0	6.7	1.4	100.0
	2015	44.0	15.3	6.5	17.3	3.7	2.0	9.9	1.3	100.0
	2016	41.9	16.6	7.1	17.3	3.7	2.0	10.0	1.4	100.0

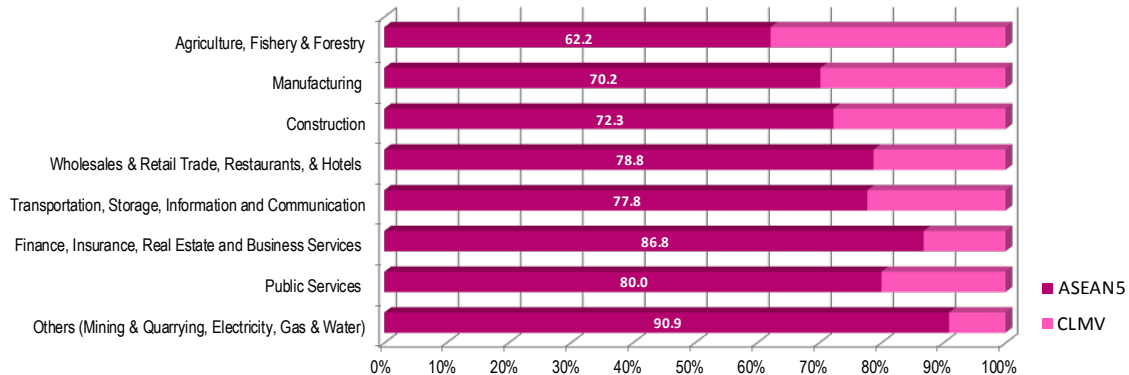
Source:
ASEAN Member States (AMSs)
data submission, official website of national
statistical offices, statistical yearbooks

Note:
1/ Employment as at June; Singapore's Resident only
*/ not available at the time of publication

Graph 3.5. Number of ASEAN Employment by Industry



Graph 3.6 Number of ASEAN5 and CLMV Employment by Industry



Source:
ASEAN Secretariat

Note:
AMS data are based on latest available;
Brunei Darussalam data is not available

Table 3.10. Number of Employment by Occupation

(in thousand)

OCCUPATION	Brunei (2014)	Cambodia (2016)	Indonesia (2017)	Malaysia (2017)	Myanmar (2015)	Philippines (2016)	Singapore (2017) ^{1/}	Thailand (2016)	Viet Nam (2016)
1. Professionals, technical and related workers	62.9	377.0	9,143.3	3,290.0	1,046.0	3,269.0	886.7	3,393.3	5,298.0
2. Administrative, executive and managerial workers	14.3	73.0	1,454.2	689.5	152.5	6,992.0	333.4	1,470.0	555.0
3. Clerical and related workers	21.6	401.0	7,497.2	1,234.8	326.9	1,798.0	244.2	1,555.2	991.9
4. Sales workers and services workers	37.0	1,616.0	29,674.4	3,206.1	3,486.6	8,643.0	328.1	7,627.7	8,861.4
5. Agricultural, animal husbandry and forestry workers; fishermen and hunters	2.7	4,639.0	38,852.3	897.0	9,304.8	5,230.0	-	10,719.2	5,470.9
6. Production and related workers, transport equipment operators and labourers	24.6	1,427.0	35,788.0	3,277.4	3,573.7	14,949.0	314.1	8,171.8	11,748.6
7. Others	26.4	74.0	2,129.5	1,855.3	3,900.6	117.0	68.9	5,954.0	20,377.0
TOTAL	189.6	8,607.0	124,538.8	14,450.1	21,791.0	40,998.0	2,175.4	38,891.2	53,302.8

Source:
ASEAN Secretariat

Note:
1/ Employed Resident of Singapore

CHAPTER 4

MACROECONOMIC



Table 4.1. Gross Domestic Products (GDP) at Current Prices in National Currency, 2008-2017

(in Billions of National Currency)

COUNTRY	GDP (Gross Domestic Products) at Current Prices									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	20.4	15.6	18.7	23.3	23.8	22.6	21.7	17.8	15.8	16.7
Cambodia	41,968	43,057	47,048	52,069	56,682	61,327	67,437	73,423	81,242	90,188
Indonesia	4,948,688	5,606,203	6,446,852	7,419,187	8,230,926	9,546,134	10,569,705	11,526,333	12,406,774	13,588,797
Lao PDR	46,215	47,562	55,694	64,727	81,610	93,868	106,797	117,252	129,279	140,749
Malaysia	770	713	821	912	971	1,019	1,106	1,159	1,230	1,353
Myanmar	29,233	29,233	39,777	46,308	51,259	58,012	65,262	72,714	79,723	91,283
Philippines	7,721	8,026	9,003	9,708	10,561	11,538	12,634	13,322	14,480	15,806
Singapore	272	280	322	347	363	381	395	418	428	447
Thailand	9,707	9,659	10,808	11,307	12,357	12,915	13,230	13,747	14,533	15,450
Viet Nam	1,616,047	1,809,149	2,157,828	2,779,880	3,245,419	3,584,262	3,937,856	4,192,862	4,502,733	5,005,975

Source:
ASEAN Secretariat

Table 4.2. Gross Domestic Products (GDP) at Constant Prices in National Currency, 2008-2017

(in Billions of National Currency)

COUNTRY	GDP (Gross Domestic Products) at Constant Prices									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	11.8	11.5	18.7	19.4	19.6	19.2	18.7	18.6	18.1	18.4
Cambodia	28,668	28,692	30,406	32,553	34,933	37,503	40,182	43,009	45,982	49,127
Indonesia	2,082,456	2,178,850	2,314,459	2,464,566	2,618,932	2,815,498	2,956,867	3,082,517	3,234,632	3,391,749
Lao PDR	27,099	29,132	31,501	34,034	41,610	48,160	54,871	61,768	68,915	76,433
Malaysia	640	630	821	865	912	955	1,012	1,063	1,108	1,174
Myanmar	17,155	18,965	39,777	42,001	45,081	48,879	52,785	56,476	59,804	63,895
Philippines	5,237	5,297	5,702	5,910	6,305	6,751	7,165	7,600	8,123	8,666
Singapore	281	280	322	342	356	373	387	398	408	423
Thailand	7,710	7,657	8,232	8,302	8,903	9,142	9,232	9,511	9,823	10,207
Viet Nam	1,923,749	2,027,591	2,157,828	2,292,483	2,412,778	2,543,596	2,695,796	2,875,856	3,054,470	3,262,548

Source:
ASEAN Secretariat

Graph 4.1. Rate of Gross Domestic Products (GDP) Growth in ASEAN, 2008-2017

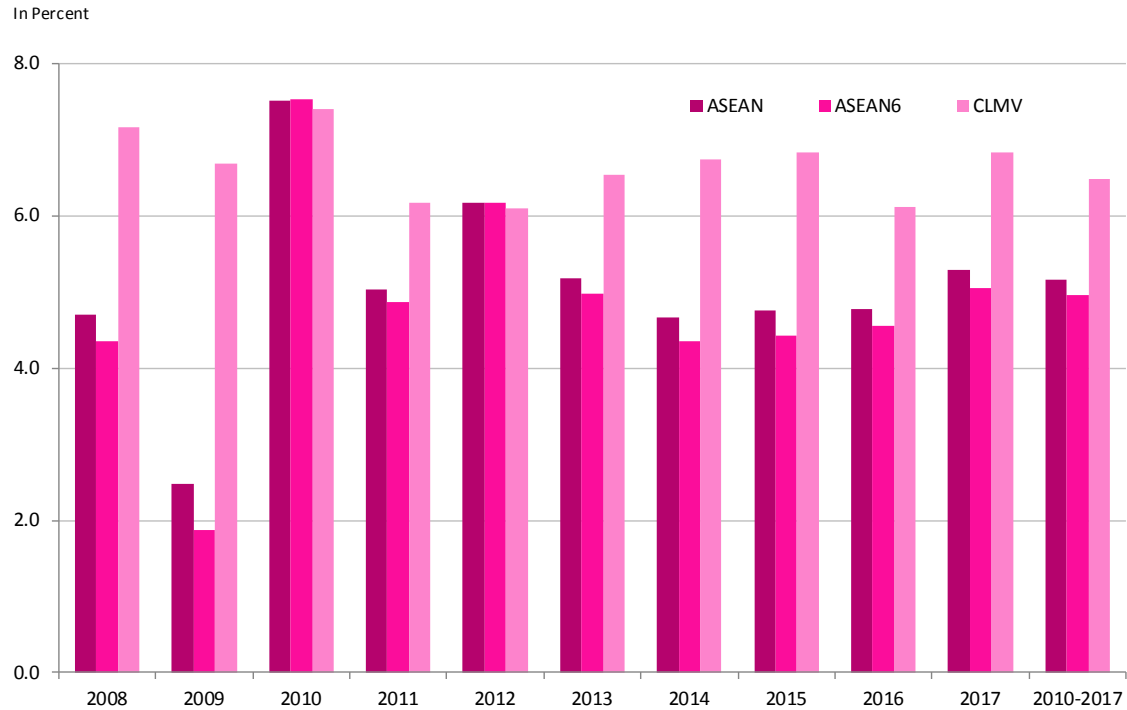


Table 4.3. Rate of Gross Domestic Products (GDP) Growth, 2008-2017

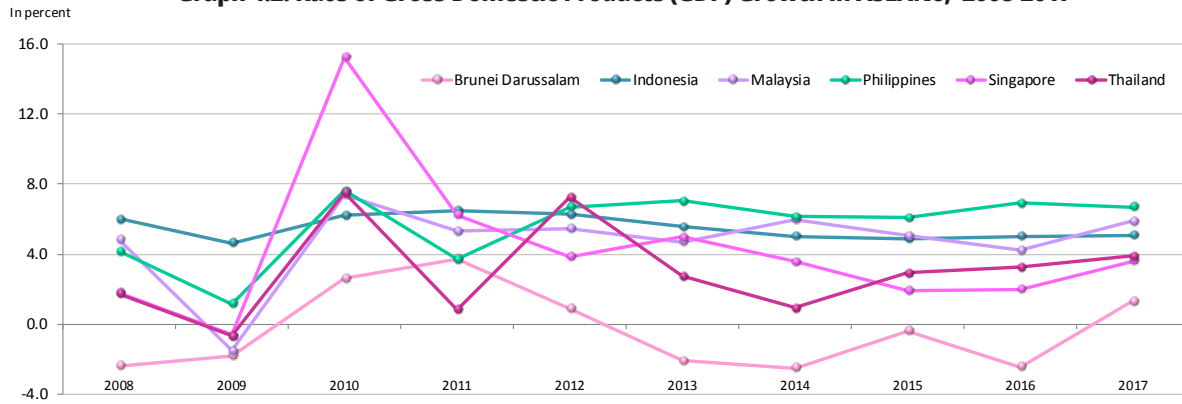
(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2010-2017
Brunei Darussalam	-2.4	-1.8	2.6	3.7	0.9	-2.1	-2.5	-0.4	-2.5	1.3	-0.2
Cambodia	6.7	0.1	6.0	7.1	7.3	7.4	7.1	7.0	6.9	6.8	7.1
Indonesia	6.0	4.6	6.2	6.5	6.3	5.6	5.0	4.9	5.0	5.1	5.5
Lao PDR	7.8	7.5	8.1	8.0	7.9	8.0	7.6	7.3	7.0	6.9	7.5
Malaysia	4.8	-1.5	7.4	5.3	5.5	4.7	6.0	5.0	4.2	5.9	5.2
Myanmar	10.3	10.5	9.6	5.6	7.3	8.4	8.0	7.0	5.9	6.8	7.0
Philippines	4.2	1.1	7.6	3.7	6.7	7.1	6.1	6.1	6.9	6.7	6.2
Singapore	1.8	-0.6	15.2	6.4	4.1	5.1	3.9	2.2	2.4	3.6	3.9
Thailand	1.7	-0.7	7.5	0.8	7.2	2.7	1.0	3.0	3.3	3.9	3.1
Viet Nam	5.7	5.4	6.4	6.2	5.2	5.4	6.0	6.7	6.2	6.8	6.1
ASEAN	4.7	2.5	7.5	5.0	6.2	5.2	4.7	4.8	4.8	5.3	5.2
ASEAN6	4.3	1.9	7.5	4.9	6.2	5.0	4.4	4.5	4.6	5.0	5.0
CLMV	7.2	6.7	7.4	6.2	6.1	6.5	6.7	6.8	6.2	6.8	6.5

Source:
ASEAN Secretariat

Notes:
Computed based on Table IV.2 (GDP Constant Price)
ASEAN GDP growth is calculated as a weighted average using PPP-GDP share as used in the IMF-WEO Database of April 2018
ASEAN6 covers Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore and Thailand
CLMV stands for Cambodia, Lao PDR, Myanmar and Viet Nam

Graph 4.2. Rate of Gross Domestic Products (GDP) Growth in ASEAN6, 2008-2017



Graph 4.3. Rate of Gross Domestic Products (GDP) Growth of CLMV, 2008-2017

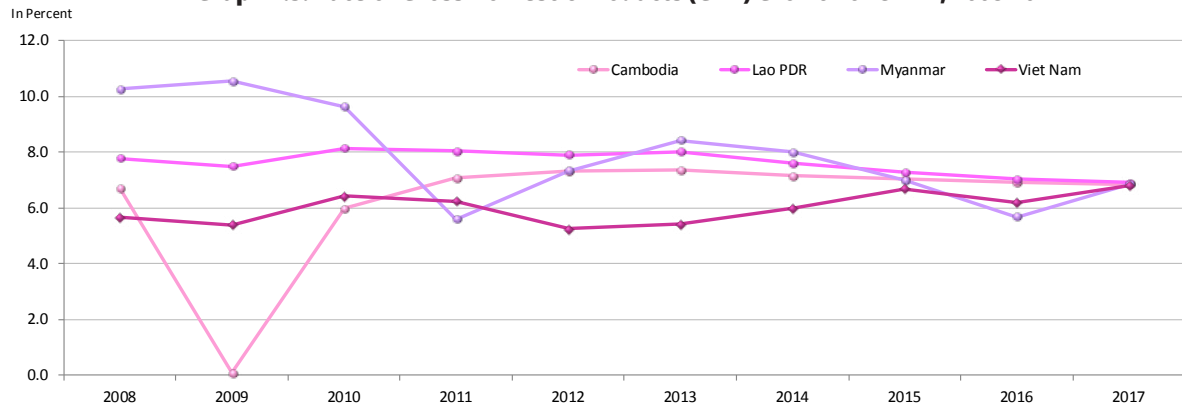


Table 4.4. Gross Domestic Products (GDP) per Capita at Current Prices in USD, 2008-2017

(in US\$)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	38,535	28,454	35,525	47,116	47,648	44,560	41,521	31,385	27,436	28,986
Cambodia	803	735	785	882	952	1,037	1,118	1,191	1,257	1,421
Indonesia	2,244	2,359	3,032	3,498	3,564	3,636	3,527	3,347	3,600	3,872
Lao PDR	882	913	1,079	1,262	1,565	1,799	1,949	2,221	2,402	2,531
Malaysia	8,393	7,216	8,772	10,259	10,671	10,663	10,989	9,453	9,301	9,899
Myanmar ¹⁾	491	538	811	1,127	1,190	1,209	1,276	1,140	1,221	1,229
Philippines	1,917	1,829	2,147	2,364	2,595	2,737	2,853	2,880	2,950	2,992
Singapore	39,724	38,577	46,570	53,233	54,715	56,389	56,957	54,940	55,243	57,722
Thailand	4,389	4,216	5,181	5,602	5,982	6,301	6,079	5,975	6,104	6,736
Viet Nam	1,165	1,232	1,338	1,543	1,755	1,908	2,053	2,111	2,216	2,390
ASEAN²⁾	2,716	2,673	3,293	3,767	3,951	4,083	4,080	3,901	4,046	4,308

Source:
ASEAN Secretariat, computed based on Table IV.1
Using period average exchange rate

Notes:
1) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of April 2018
2) As a proxy, the combined GDP per capita as GDP at current price divided by number of population

Table 4.5. Gross Domestic Products (GDP) at Current Prices in Million of USD, 2008-2017

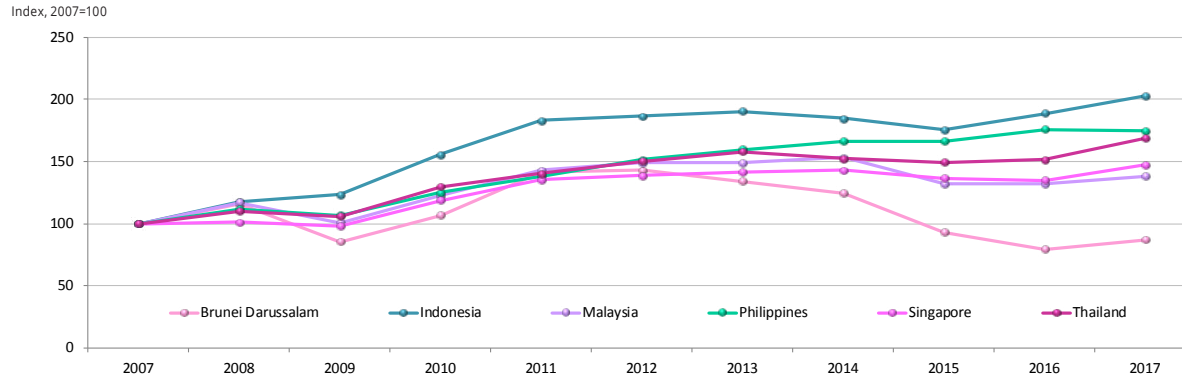
(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	14,451	10,815	13,741	18,534	19,050	18,100	17,103	12,943	11,448	12,212
Cambodia	11,073	10,354	11,229	12,804	14,027	15,221	16,689	18,091	19,427	22,340
Indonesia	512,753	545,854	710,068	846,523	874,639	904,692	889,385	855,020	931,216	1,013,926
Lao PDR	5,291	5,595	6,752	8,061	10,192	11,955	13,274	14,420	15,903	17,090
Malaysia	231,382	202,627	250,773	298,142	314,895	322,159	337,456	294,810	294,223	317,252
Myanmar ¹⁾	24,408	26,962	41,004	56,502	60,282	61,863	66,331	59,795	64,602	65,607
Philippines	173,427	168,644	199,976	224,155	250,458	268,800	284,913	292,508	304,611	313,875
Singapore	192,240	192,408	236,422	275,945	290,670	304,456	311,538	304,096	309,766	323,954
Thailand	291,803	282,052	341,519	370,932	397,763	420,617	407,303	401,764	411,774	455,704
Viet Nam	99,126	106,018	116,300	135,541	155,820	171,219	186,224	193,628	205,439	223,837
ASEAN²⁾	1,555,953	1,551,330	1,927,784	2,247,139	2,387,796	2,499,084	2,530,215	2,447,076	2,568,409	2,765,798

Source:
ASEAN Secretariat, computed based on Table IV.1,
Computed using the period average exchange rates

Notes:
1) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of April 2018
2) As a proxy, the combined GDP of ASEAN is computed as the sum of GDP at current price of ASEAN Member Countries

Graph 4.4. Gross Domestic Products (GDP) per Capita in US Dollar in ASEAN6 during 2007-2017, as Compared to 2007



Graph 4.5. Gross Domestic Products (GDP) per Capita in US Dollar in CLMV during 2007-2017, as Compared to 2007

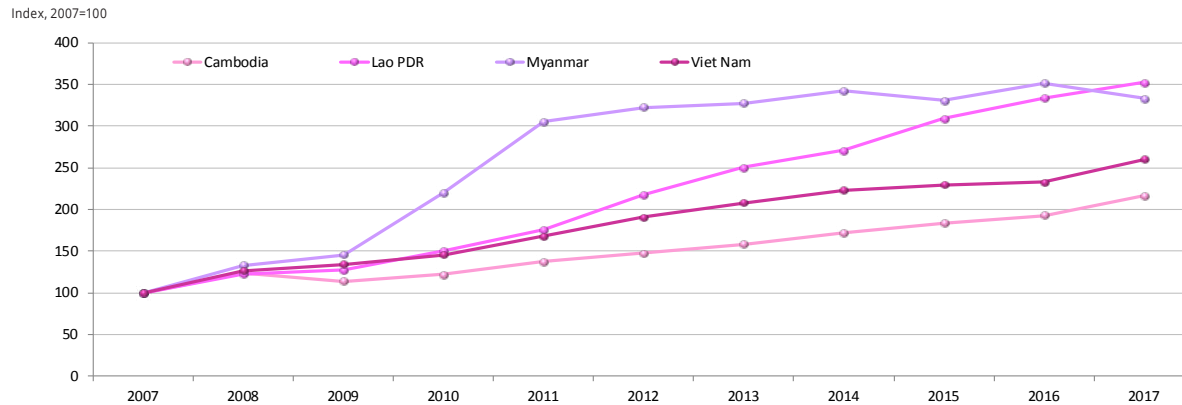


Table 4.6. Gross Domestic Products (GDP) Share of Major Group of Economic Sectors, 2014-2017

(in percent)

COUNTRY	2014				2015				2016				2017			
	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S	Agriculture	Industry	Services	A+I+S
Brunei Darussalam	0.8	63.1	37.9	101.9	0.9	63.4	37.6	101.9	0.8	63.1	38.0	101.9	0.8	63.2	37.9	101.9
Cambodia	23.3	30.8	39.6	93.6	22.2	32.1	39.6	93.9	20.1	33.1	39.5	92.8	20.6	33.1	39.3	93.0
Indonesia	13.2	41.8	45.1	100.0	13.0	40.9	46.0	100.0	12.8	40.5	46.7	100.0	12.7	40.1	47.2	100.0
Lao PDR	17.1	32.2	41.0	90.3	16.5	32.2	41.3	89.9	16.5	32.2	41.3	89.9	15.3	35.1	39.4	89.8
Malaysia	9.2	38.8	50.9	98.9	8.9	38.8	51.0	98.7	8.1	38.8	51.7	98.6	8.2	38.4	52.0	98.6
Myanmar	29.9	29.7	40.5	100.0	28.9	30.0	41.1	100.0	27.2	30.9	41.9	100.0	25.9	31.5	42.5	100.0
Philippines	10.0	33.4	56.6	100.0	9.5	33.5	57.0	100.0	8.8	33.9	57.4	100.0	8.5	34.0	57.5	100.0
Singapore	0.0	24.9	67.4	92.4	0.0	23.7	68.3	92.1	0.0	23.9	67.6	91.6	0.1	59.1	20.4	79.6
Thailand	7.2	36.9	56.5	100.6	6.8	36.7	57.6	101.0	6.4	36.5	58.3	101.2	6.3	36.0	58.1	100.4
Viet Nam	16.8	33.2	38.4	88.4	15.3	32.5	36.4	84.2	15.3	34.6	38.6	88.5	14.8	35.0	38.8	88.6

Source:
ASEAN Secretariat

Notes :

Agriculture comprises: Fishing, Forestry

Industries comprises: Mining and Quarrying, Manufacturing, Construction and Utilities

Services comprises: Wholesales & Retail Trade, Transportation & Storage, Accommodation & Food Services, Information & Communications, Finance & Insurance, Business Services, and Other Services Industries

The sum of the GDP shares of Agriculture, Industry and Services may not be equal to 100% in some ASEAN countries, due to mainly the separate treatment of GDP associated balancing items from the total GDP, including items on taxes, subsidies on particular products and services.

Table 4.7. Inflation Rates, Year-on-Year End of Period, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	2.6	1.2	-2.1	1.8	0.4	0.2	-0.2	-1.0	-1.6	-0.1
Cambodia	12.5	5.3	3.1	4.9	2.5	4.6	2.4	2.8	3.9	2.3
Indonesia ¹⁾	11.1	2.8	7.0	3.8	4.3	8.4	2.7	3.4	3.0	3.6
Lao PDR ²⁾	3.2	3.9	5.8	7.7	4.7	6.6	2.4	0.9	2.5	0.1
Malaysia	4.4	1.1	2.2	3.0	1.2	3.2	2.7	2.7	1.8	3.4
Myanmar	-	-	-	0.7	6.0	4.4	-0.1	10.3	6.6	4.0
Philippines	8.0	4.5	3.6	4.2	3.0	4.1	2.7	1.5	2.6	3.3
Singapore ³⁾	5.4	-0.5	4.6	5.5	4.3	1.5	-0.1	-0.6	0.2	0.3
Thailand	0.4	3.5	3.0	3.5	3.6	1.7	0.6	-0.9	1.1	0.8
Viet Nam ⁴⁾	19.9	6.5	11.8	18.1	6.8	6.0	1.8	0.6	4.7	2.8

Table 4.8. Inflation Rates, Year-on-Year Average of Period, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	2.7	1.8	0.4	1.7	-5.9	0.4	-0.2	-0.4	-0.7	-0.2
Cambodia	19.7	-0.7	4.0	5.5	2.9	2.9	3.9	1.3	3.0	2.2
Indonesia ¹⁾	11.3	5.0	5.1	5.4	4.3	7.0	8.4	6.4	3.5	3.6
Lao PDR ²⁾	7.6	0.03	6.0	7.6	4.3	6.4	4.2	1.3	1.6	0.8
Malaysia	5.4	0.6	1.7	3.2	1.7	2.1	4.2	2.1	2.1	3.7
Myanmar	22.5	2.2	8.2	2.8	2.8	5.7	1.0	10.8	7.0	4.5
Philippines	8.3	4.2	3.8	4.7	3.2	2.9	4.2	1.4	1.8	3.2
Singapore ³⁾	6.6	0.6	2.8	5.3	4.6	2.4	1.0	-0.5	-0.5	0.6
Thailand	5.4	-0.9	3.3	3.8	3.0	2.2	1.9	-0.9	0.2	0.7
Viet Nam ⁴⁾	22.8	6.9	9.2	18.6	9.1	6.6	4.1	0.6	2.7	3.5

Source:
ASEAN Secretariat

Notes:

- 1) Indonesia 2007-2008 (y-o-y average period) was computed using inflation rate based on the 2005 base year; and inflation rate of 2009-current based on the 2007 base year
 - 2) Lao PDR; 2006-current using 2006 as the base year
 - 3) Singapore inflation rate computed using 2014 as base year
 - 4) Viet Nam inflation rate computed using 2014 as base year
- ‘-’ not available at the time of publication

Table 4.9. Foreign Exchange Rates, Average of Period, 2008-2017

(National Currency per US \$)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1.42	1.45	1.36	1.26	1.25	1.25	1.28	1.39	1.38	1.37
Cambodia	4,079	4,159	4,190	4,067	4,041	4,029	4,041	4,059	4,182	4,037
Indonesia	9,691	10,370	9,086	8,768	9,411	10,586	11,885	13,482	13,328	13,401
Lao PDR	8,735	8,501	8,249	8,030	8,007	7,852	8,046	8,131	8,129	8,236
Malaysia	3.33	3.53	3.30	3.06	3.08	3.16	3.28	3.94	4.18	4.27
Myanmar *)	1,198	1,084	970	820	850	938	984	1,216	1,234	1,391
Philippines	44.47	47.64	45.11	43.31	42.23	42.89	44.34	45.50	47.49	50.35
Singapore	1.41	1.45	1.36	1.26	1.25	1.25	1.27	1.37	1.38	1.38
Thailand	33.31	34.29	31.69	30.49	31.08	30.73	32.48	34.25	35.30	33.94
Viet Nam	16,303	17,065	18,554	20,510	20,828	20,934	21,131	21,621	21,909	22,344

Source:
ASEAN Secretariat

Notes:

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

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

Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM);

Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong

Table 4.10. Foreign Exchange Rates, End of Period, 2008-2017

(National Currency per US \$)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1.66	1.54	1.44	1.42	1.40	1.29	1.30	1.22	1.25	1.30
Cambodia	4,120	4,065	4,004	4,121	4,186	4,051	4,062	3,995	3,995	4,075
Indonesia	9,830	8,995	9,419	10,950	9,400	8,991	9,069	9,793	12,173	12,440
Lao PDR	10,794	9,764	9,385	8,514	8,471	8,039	8,016	7,997	8,015	8,078
Malaysia	3.78	3.53	3.31	3.46	3.42	3.08	3.18	3.06	3.28	3.50
Myanmar *)	-	-	-	-	-	-	-	-	-	-
Philippines	53.07	49.13	41.40	47.49	46.36	43.89	43.93	41.19	44.41	44.62
Singapore	1.66	1.53	1.44	1.44	1.40	1.29	1.30	1.22	1.27	1.32
Thailand	41.03	36.05	33.72	34.90	33.32	30.15	31.69	30.63	32.34	32.71
Viet Nam	15,875	16,091	16,114	16,977	17,941	18,932	20,828	20,828	21,036	21,246

Source:
ASEAN Secretariat

Notes:

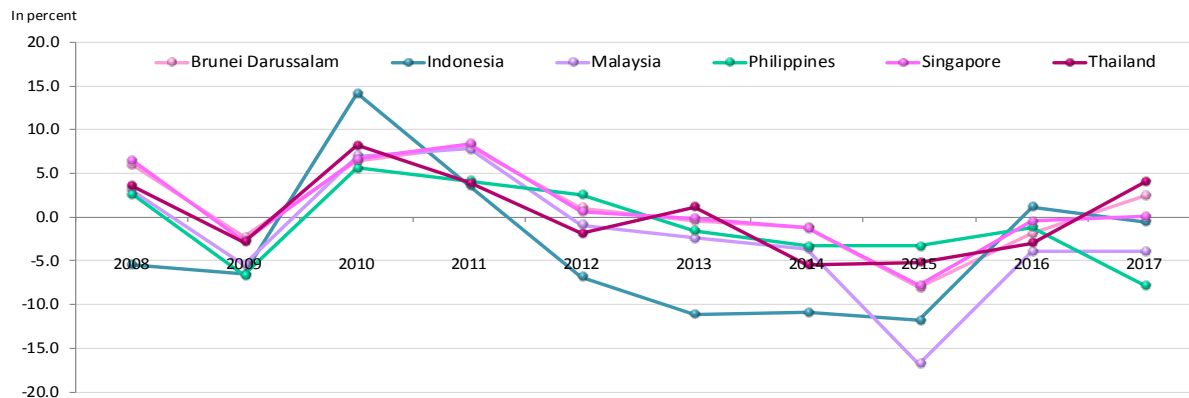
Average for the year was computed as a simple average of the quarterly averages

Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM);

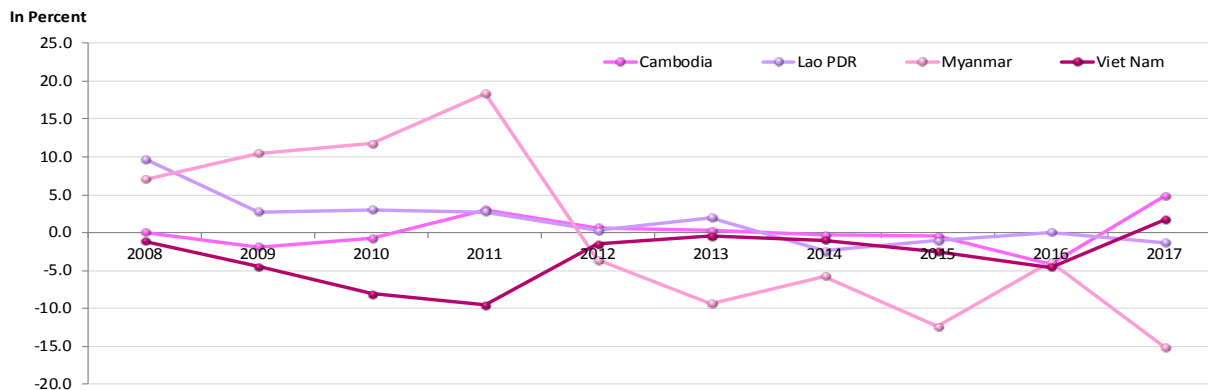
Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong

*) not available at the time of publication

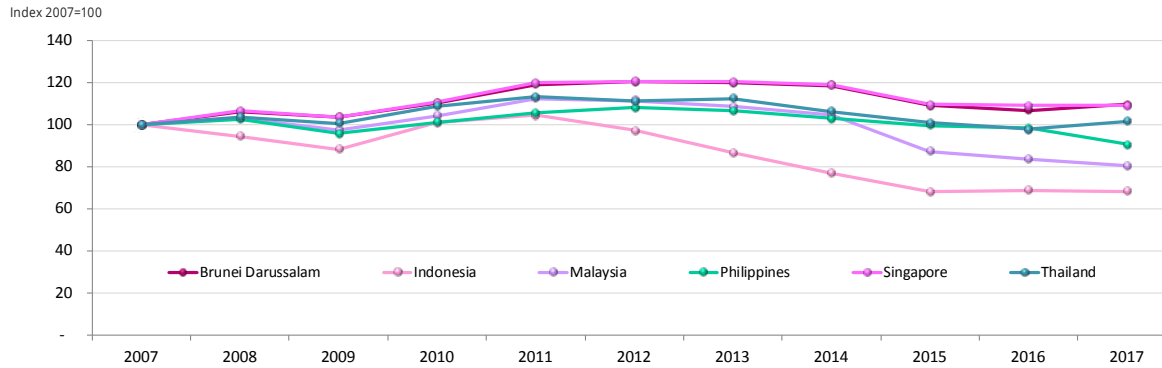
Graph 4.6. Rate of Change of Foreign Exchange Rate in ASEAN6, 2008-2017



Graph 4.7. Rate of Change of Foreign Exchange Rate in CLMV, 2008-2017



Graph 4.8. ASEAN6 National Currency to US Dollar during 2007-2017, as Compared to the 2007 Level



Graph 4.9. CLMV National Currency to US Dollar during 2007-2017, as Compared to the 2007 Level

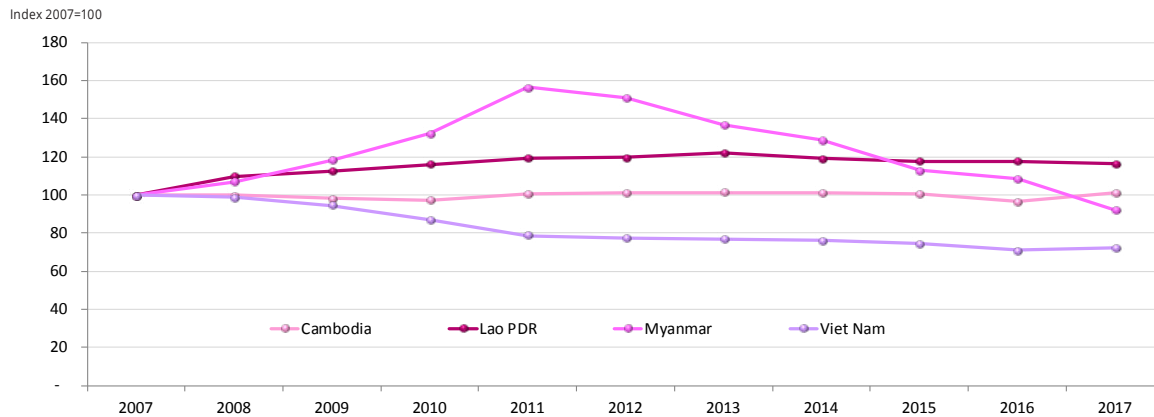


Table 4.11. Interest Rates: 3-Month Deposit, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.80	0.63	0.40	0.40	0.23	0.28	0.30	0.34	0.33	0.32
Cambodia	5.20	4.09	4.50	4.33	4.08	4.03	4.19	4.71	4.84	3.89
Indonesia	11.16	7.48	7.06	6.81	5.76	7.61	8.94	7.99	6.69	6.61
Lao PDR	6.07	5.66	5.51	5.42	5.17	5.41	3.07	1.50-5.39	1.50-3.20	1.50-7.00
Malaysia	3.04	2.03	2.74	2.99	2.97	2.97	3.13	3.13	2.92	2.94
Myanmar	10.50	10.50	10.50	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00	10.00
Philippines	5.92	3.03	3.00	4.00	3.03	1.17	1.64	1.78	1.60	2.60
Singapore	0.39	0.25	0.19	0.14	0.14	0.14	0.14	0.18	0.19	4.19
Thailand	1.35-1.88	0.65-0.75	0.95-1.30	1.85-2.25	1.60-2.05	1.50-2.50	1.00-2.50	0.25-2.00	1.06	1.00
Viet Nam	7.94	10.14	13.25	14.00	10.50	7.14	4.64	5.09	5.08	4.65

Table 4.12. Interest Rate: Minimum Lending Rate, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	5.50	5.50	5.50	5.50	5.27	5.22	5.20	5.16	5.17	5.18
Cambodia	22.36	23.08	22.49	19.35	11.79	15.79	19.79	23.79	20.46	17.98
Indonesia	15.22	13.69	12.83	12.16	11.49	12.12	12.79	12.46	11.36	10.58
Lao PDR	18.86	14.40	14.47	12.24	13.50	12.86	12.83	7.25-14.00	6.70-13.00	7.27-16.50
Malaysia	6.48	5.51	6.27	6.53	6.53	6.53	6.79	6.79	6.65	6.68
Myanmar	17.00	17.00	17.00	15.00	13.00	13.00	13.00	13.00	13.00	13.00
Philippines	8.31	6.96	6.00	6.00	5.46	5.72	5.59	6.63	10.63	14.63
Singapore	5.38	5.38	5.38	5.38	5.38	5.38	5.35	5.35	5.35	5.28
Thailand	6.75-7.00	5.85-6.25	6.12-6.50	7.25-7.63	7.00-7.50	7.00-7.40	7.28-7.88	7.10-7.92	6.25	6.25
Viet Nam	12.03	11.73	14.47	18.68	13.47	11.50-13.00	9.50-11.00	9.30-10.50	9.30-10.30	9.30-10.30

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

Note:
2012 and 2013 figures of Minimum Lending rate and 3-Month Deposits for Viet Nam and 2012-2017 for Brunei Darussalam taken from CEIC Database
'-' not available at the time of publication

Table 4.13. Money Growth (M2), Year-on-Year End of Period, 2008-2017

(in percent)

COUNTRY	M2									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	9.61	9.66	4.81	10.05	0.98	1.40	3.22	-1.76	1.51	1.28
Cambodia	4.85	36.84	20.02	21.45	20.87	14.61	30.04	14.68	17.90	23.78
Indonesia	12.66	12.38	15.99	16.43	14.96	12.79	11.87	9.00	10.03	8.28
Lao PDR	18.31	31.23	39.13	29.04	31.05	17.02	25.22	14.67	10.90	12.23
Malaysia ^{*)}	11.89	9.17	6.76	14.32	8.96	7.35	6.99	2.62	3.09	4.66
Myanmar	24.00	30.61	42.63	30.45	31.65	32.49	20.96	30.67	17.45	22.92
Philippines ^{*)}	30.64	7.69	13.04	29.19	9.64	29.53	12.20	9.26	13.41	11.36
Singapore	11.62	10.55	8.34	10.13	7.58	4.32	3.41	1.67	7.69	3.18
Thailand	3.30	7.47	9.92	16.17	15.90	7.32	4.65	4.42	4.20	5.05
Viet Nam	20.31	28.99	33.30	6.99	15.79	21.40	19.74	14.91	17.88	13.78

Table 4.14. Money Growth (M1), Year-on-Year End of Period, 2008-2017

(in percent)

COUNTRY	M1									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	12.99	22.90	-29.19	10.87	1.47	3.97	-1.54	6.46	-0.11	-4.08
Cambodia	16.94	30.02	3.23	22.83	2.26	20.57	30.40	6.68	7.18	29.63
Indonesia	3.74	10.69	19.74	19.42	16.41	5.40	6.22	12.02	17.26	12.38
Lao PDR	21.23	28.88	32.61	12.90	16.38	5.36	6.32	4.24	-7.56	19.27
Malaysia	8.33	9.76	11.68	15.41	11.89	13.07	5.74	4.05	5.65	11.00
Myanmar	23.21	23.96	30.26	20.54	14.10	25.93	13.61	31.85	0.70	3.55
Philippines	24.23	13.64	10.60	10.88	7.67	27.31	13.24	15.16	15.06	16.06
Singapore	18.40	23.47	20.34	16.10	7.75	9.87	3.64	0.14	7.67	6.34
Thailand	-2.28	7.68	11.73	12.98	20.35	3.94	1.27	5.68	4.84	9.37
Viet Nam	-0.10	31.28	10.22	-0.94	21.86	27.87	21.23	17.96	18.10	12.38

Sources:
 ASEAN Secretariat and International Financial Statistics - IMF Database

Notes:

*) M1 instead of M2 for Malaysia and M4 for Philippines
 Myanmar's M1 and M2 figure for 2007 is y-o-y growth of Q2 figures
 † not available at the time of publication

Table 4.15. Reserve Money, 2007-2017

(in Billions of National Currency)

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	16	1	1	1	1	-	-	-	-	-	-
Cambodia	5,018	6,100	8,741	10,245	11,033	13,129	14,840	18,492	22,501	28,419	36,693
Indonesia	379,582	344,688	402,119	518,447	613,488	704,843	821,679	918,434	945,916	989,565	1,085,796
Lao PDR	3,974	4,776	6,428	5,151	4,772	6,477	6,840	12,907	18,224	18,966	19,719
Malaysia	94	69	55	61	96	106	116	125	137	141	147
Myanmar	3,394	3,708	4,666	5,701	6,672	8,410	10,050	11,855	12,477	-	-
Philippines	847	960	1,047	1,120	1,322	1,475	1,926	2,324	2,467	2,758	3,137
Singapore	28	34	36	41	45	49	64	55	61	65	68
Thailand	934	1,040	1,103	1,243	1,366	1,498	1,546	1,669	1,714	1,783	1,940
Viet Nam	315,712	378,989	422,253	439,622	522,809	655,511	695,653	825,687	985,307	1,111,230	-

Source:
ASEAN Secretariat and International Financial Statistics - IMF Database

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

Table 4.16. Government Budget Deficit, as a Percentage of Gross Domestic Products (GDP), 2006-2017

(as percent of GDP)

COUNTRY	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam ¹⁾	21.99	14.99	24.34	3.92	7.71	25.63	15.55	7.60	-0.98	-13.96	-	-
Cambodia	-1.50	0.64	0.12	3.33	3.53	3.78	-	-	-4.92	-4.70	-4.20	-
Indonesia ¹⁾	-0.99	-1.43	-0.08	-1.58	-0.73	-1.14	-1.86	-2.22	-2.14	-2.59	-2.49	-2.51
Lao PDR	-3.90	-2.58	-4.06	-2.40	-2.15	-1.87	-1.26	-5.41	-3.85	-4.46	-5.20	-5.55
Malaysia	-3.20	-3.10	0.82	0.22	0.98	0.31	-4.50	-3.90	0.09	0.18	-	-
Myanmar	-	-	-	-	-	-	-	-	-	-	-	-
Philippines	-0.99	0.18	-0.88	-3.72	-3.49	-2.04	-2.30	-1.42	-0.58	0.91	-2.44	-2.22
Singapore	0.51	3.02	1.44	-0.29	0.30	1.15	1.60	1.31	0.14	-0.97	1.21	2.15
Thailand	2.16	-1.58	-0.99	-4.15	-2.46	-4.12	-4.18	-1.85	-2.91	-2.93	-2.35	-
Viet Nam	-1.62	-2.01	-1.94	-5.84	-3.35	-1.78	-	-	-	-	-	-

Source:
ASEAN Secretariat and International
Financial Statistics - IMF Database

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

Table 4.17. Government Budget Deficit, 2006-2017

(Million of National Currency)

COUNTRY	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	4,007	2,776	4,965	612	1,441	5,973	3,701	1,720	-213	-2,482	-	-
Cambodia	-447,120	223,407	52,182	1,433,800	1,659,777	1,969,751	-	-	-3,319,080	-3,450,430	-3,415,210	-
Indonesia	-32,973,640	-56,325,365	-4,121,288	-88,618,900	-46,845,701	-84,399,000	-153,301,000	-211,673,000	-226,692,040	-298,494,830	-308,340,940	-340,975,900
Lao PDR	-1,318,079	-1,042,999	-1,875,291	-1,143,619	-1,199,437	-1,212,830	-1,028,630	-5,078,060	-4,115,680	-5,232,920	-6,721,180	-7,810,990
Malaysia	-19,108	-20,659	6,295	1,572	8,019	2,825	2,376	2,101	1,037	2,090	-	-
Myanmar	-	-	-	-	-	-	-	-	-	-	-	-
Philippines	-62,198	12,605	-68,117	-298,532	-314,458	-197,754	-242,909	-164,000	-73,092	121,689	-353,422	-350,637
Singapore	1,198	8,181	3,906	-820	980	4,003	5,821	4,998	572	-4,050	5,180	9,608
Thailand	181,359	-143,856	-96,482	-401,287	-265,861	-465,800	-516,500	-239,000	-384,400	-402,300	-341,800	-
Viet Nam	-17,213,000	-25,080,000	-31,277,000	-105,647,000	-72,337,000	-49,405,000	-	-	-	-	-	-

Source:
ASEAN Secretariat and International
Financial Statistics - IMF Database

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

CHAPTER 5

TRADE IN GOODS



Table 5.1. ASEAN Total, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL TRADE IN GOODS										
Brunei Darussalam	12,775	9,602	11,274	15,383	16,855	15,057	14,181	9,592	8,694	7,849
Cambodia	8,776	8,887	8,601	11,220	12,797	14,877	16,408	20,355	22,444	25,563
Indonesia	266,218	213,339	293,442	380,932	381,721	369,180	354,159	292,977	280,839	325,796
Lao PDR	2,631	2,962	3,745	4,480	4,195	6,540	7,025	6,763	7,719	8,387
Malaysia	338,795	280,221	363,234	415,559	423,942	434,019	442,778	375,169	358,089	412,472
Myanmar	10,415	10,191	11,867	15,233	17,173	23,275	27,257	28,276	27,542	33,131
Philippines	105,671	83,869	109,660	111,752	117,382	119,109	130,806	128,835	142,248	176,130
Singapore	661,801	516,535	666,318	788,755	801,432	807,989	793,293	666,004	629,993	700,946
Thailand	352,534	286,267	376,225	451,359	477,302	478,247	455,526	417,147	409,994	459,458
Viet Nam	141,357	125,922	157,075	203,656	227,793	264,774	293,777	327,744	351,039	424,557
TOTAL	1,900,972	1,537,796	2,001,443	2,398,328	2,480,592	2,533,069	2,535,208	2,272,862	2,238,601	2,574,288
ASEAN6	1,737,793	1,389,834	1,820,155	2,163,739	2,218,634	2,223,602	2,190,742	1,889,724	1,829,857	2,082,651
CLMV	163,179	147,962	181,288	234,589	261,958	309,467	344,466	383,138	408,743	491,638
INTRA-ASEAN TRADE IN GOODS										
Brunei Darussalam	3,680	2,442	2,331	3,282	3,707	4,488	3,861	2,645	2,783	2,796
Cambodia	1,910	2,098	1,990	2,624	3,282	3,345	3,278	5,367	5,484	6,648
Indonesia	68,162	52,366	80,472	93,399	95,654	94,661	90,571	72,485	68,648	78,687
Lao PDR	2,095	2,478	2,640	2,897	2,589	3,963	4,877	4,357	4,659	5,239
Malaysia	85,074	72,062	95,113	108,272	115,816	118,969	118,965	102,848	97,150	113,242
Myanmar	5,580	5,262	6,175	8,418	8,392	10,212	11,454	11,295	9,431	11,512
Philippines	21,398	17,400	27,827	23,676	24,758	22,786	25,616	25,579	30,895	39,069
Singapore	185,057	141,499	182,597	212,369	213,958	216,128	205,969	172,677	162,108	179,036
Thailand	69,375	59,250	76,961	93,508	99,536	103,669	102,725	96,237	94,259	104,437
Viet Nam	29,495	22,121	26,758	34,493	37,947	39,532	40,798	41,891	41,159	49,561
TOTAL	471,827	376,979	502,864	582,938	605,640	617,752	608,114	535,380	516,575	590,227
ASEAN6	432,748	345,019	465,301	534,506	553,429	560,700	547,707	472,471	455,843	517,267
CLMV	39,079	31,960	37,563	48,432	52,211	57,051	60,407	62,910	60,733	72,960

Table 5.1. ASEAN Total, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2008-2017 (Continued)

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
EXTRA-ASEAN TRADE IN GOODS										
Brunei Darussalam	9,094	7,160	8,944	12,101	13,147	10,569	10,320	6,947	5,911	5,053
Cambodia	6,866	6,789	6,612	8,597	9,515	11,532	13,130	14,988	16,960	18,915
Indonesia	198,055	160,973	212,970	287,533	286,067	274,520	263,588	220,492	212,191	247,109
Lao PDR	536	484	1,106	1,583	1,605	2,577	2,148	2,407	3,059	3,147
Malaysia	253,720	208,160	268,122	307,287	308,126	315,051	323,813	272,321	260,939	299,230
Myanmar	4,836	4,929	5,692	6,815	8,781	13,064	15,803	16,981	18,112	21,619
Philippines	84,273	66,469	81,833	88,076	92,623	96,323	105,190	103,256	111,353	137,061
Singapore	476,744	375,036	483,721	576,385	587,474	591,861	587,324	493,326	467,885	521,910
Thailand	283,159	227,017	299,264	357,851	377,766	374,579	352,801	320,911	315,736	355,021
Viet Nam	111,862	103,800	130,317	169,162	189,846	225,242	252,979	285,853	309,879	374,996
TOTAL	1,429,145	1,160,817	1,498,579	1,815,390	1,874,952	1,915,318	1,927,095	1,737,481	1,722,025	1,984,062
ASEAN6	1,305,045	1,044,815	1,354,853	1,629,233	1,665,204	1,662,902	1,643,035	1,417,253	1,374,014	1,565,384
CLMV	124,100	116,002	143,726	186,157	209,747	252,416	284,060	320,229	348,011	418,678

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.2. ASEAN Exports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	10,268	7,152	8,837	12,441	13,181	11,446	10,584	6,354	6,024	4,761
Cambodia	4,359	4,986	3,826	5,121	5,331	6,666	6,749	8,558	10,073	11,278
Indonesia	137,020	116,510	157,779	203,497	190,032	182,552	175,980	150,282	145,186	168,811
Lao PDR	828	1,237	1,909	1,898	1,597	2,988	2,572	2,985	3,611	3,607
Malaysia	194,496	156,891	198,612	228,086	227,544	228,223	233,927	199,158	189,659	217,722
Myanmar	6,621	6,341	7,871	7,419	8,375	11,233	11,031	11,432	11,837	13,878
Philippines	49,025	38,335	51,432	48,042	51,995	53,978	62,102	58,648	56,313	68,251
Singapore	339,875	270,145	353,243	416,202	415,614	419,937	415,378	357,906	338,083	383,252
Thailand	174,967	152,497	193,298	222,579	229,529	228,730	227,574	214,396	215,327	236,694
Viet Nam	61,778	56,691	72,237	96,906	114,511	132,664	148,092	162,014	176,575	213,931
TOTAL	979,236	810,785	1,049,043	1,242,190	1,257,708	1,278,417	1,293,988	1,171,734	1,152,688	1,322,186
ASEAN6	905,652	741,530	963,201	1,130,847	1,127,895	1,124,866	1,125,545	986,745	950,592	1,079,491
CLMV	73,585	69,255	85,842	111,344	129,813	153,551	168,443	184,989	202,096	242,695

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.3. ASEAN Imports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	2,507	2,451	2,437	2,943	3,674	3,612	3,597	3,238	2,670	3,088
Cambodia	4,417	3,901	4,775	6,099	7,467	8,212	9,659	11,797	12,371	14,285
Indonesia	129,197	96,829	135,663	177,436	191,689	186,629	178,179	142,695	135,653	156,986
Lao PDR	1,803	1,725	1,837	2,582	2,598	3,552	4,452	3,778	4,107	4,779
Malaysia	144,299	123,330	164,622	187,473	196,398	205,796	208,850	176,011	168,430	194,750
Myanmar	3,795	3,850	3,996	7,814	8,798	12,043	16,226	16,844	15,706	19,253
Philippines	56,646	45,534	58,229	63,709	65,386	65,131	68,704	70,186	85,935	107,879
Singapore	321,926	246,390	313,075	372,553	385,818	388,052	377,915	308,098	291,909	317,693
Thailand	177,568	133,770	182,927	228,779	247,773	249,517	227,952	202,751	194,668	222,763
Viet Nam	79,579	69,231	84,839	106,750	113,283	132,110	145,686	165,730	174,463	210,626
TOTAL	921,736	727,010	952,400	1,156,138	1,222,884	1,254,653	1,241,221	1,101,128	1,085,912	1,252,102
ASEAN6	832,142	648,304	856,954	1,032,893	1,090,739	1,098,736	1,065,197	902,979	879,265	1,003,159
CLMV	89,594	78,707	95,446	123,245	132,145	155,916	176,023	198,149	206,647	248,943

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.4. Extra-ASEAN Exports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	7,788	5,965	7,741	10,707	11,076	8,801	8,491	5,114	4,531	3,296
Cambodia	4,048	4,341	3,512	4,704	4,814	6,139	6,386	7,868	9,203	10,156
Indonesia	109,850	91,886	124,432	161,398	148,201	141,922	136,312	116,710	111,356	129,487
Lao PDR	223	240	757	858	692	1,642	1,181	1,407	2,005	1,773
Malaysia	144,097	116,529	148,216	171,988	166,597	164,276	168,689	142,989	133,914	154,490
Myanmar	2,769	3,145	3,677	2,920	3,986	5,774	6,671	7,143	8,325	9,986
Philippines	41,944	32,496	39,874	39,407	42,191	45,363	52,890	50,111	47,912	57,630
Singapore	229,960	187,804	245,570	282,334	281,890	281,991	285,179	250,103	238,708	275,164
Thailand	135,480	120,007	148,980	168,534	172,799	169,410	168,148	159,231	160,670	177,030
Viet Nam	51,760	48,136	61,886	83,322	97,438	114,485	129,831	143,950	159,286	192,423
TOTAL	727,918	610,550	784,645	926,172	929,685	939,803	963,778	884,627	875,910	1,011,434
ASEAN6	669,118	554,688	714,813	834,367	822,754	811,763	819,709	724,259	697,091	797,097
CLMV	58,800	55,862	69,832	91,805	106,930	128,041	144,069	160,368	178,819	214,338

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.5. Intra-ASEAN Exports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	2,480	1,187	1,096	1,734	2,104	2,644	2,093	1,239	1,493	1,465
Cambodia	311	645	313	417	517	527	362	690	870	1,123
Indonesia	27,171	24,624	33,348	42,099	41,831	40,630	39,668	33,572	33,830	39,324
Lao PDR	604	997	1,152	1,040	905	1,346	1,391	1,578	1,607	1,834
Malaysia	50,399	40,362	50,396	56,098	60,947	63,948	65,239	56,169	55,745	63,232
Myanmar	3,852	3,196	4,194	4,499	4,388	5,459	4,360	4,290	3,511	3,892
Philippines	7,082	5,838	11,558	8,635	9,804	8,615	9,212	8,537	8,401	10,621
Singapore	109,915	82,341	107,673	133,868	133,724	137,946	130,199	107,803	99,375	108,089
Thailand	39,487	32,491	44,318	54,045	56,730	59,321	59,426	55,165	54,657	59,664
Viet Nam	10,018	8,555	10,351	13,583	17,073	18,179	18,261	18,064	17,289	21,509
TOTAL	251,318	200,236	264,398	316,018	328,024	338,613	330,209	287,106	276,778	310,752
ASEAN6	236,534	186,842	248,388	296,479	305,141	313,103	305,836	262,486	253,501	282,394
CLMV	14,784	13,393	16,010	19,539	22,883	25,510	24,374	24,621	23,277	28,357

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.6. Extra-ASEAN Imports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1,307	1,195	1,203	1,394	2,071	1,768	1,829	1,833	1,380	1,757
Cambodia	2,818	2,448	3,099	3,893	4,701	5,393	6,744	7,120	7,757	8,760
Indonesia	88,206	69,087	88,539	126,135	137,866	132,598	127,276	103,782	100,836	117,623
Lao PDR	312	244	349	725	913	935	966	1,000	1,055	1,374
Malaysia	109,623	91,630	119,905	135,299	141,529	150,775	155,124	129,332	127,025	144,740
Myanmar	2,067	1,784	2,015	3,895	4,795	7,290	9,132	9,838	9,787	11,634
Philippines	42,329	33,973	41,959	48,669	50,432	50,959	52,300	53,144	63,440	79,432
Singapore	246,784	187,232	238,151	294,052	305,584	309,871	302,145	243,223	229,176	246,746
Thailand	147,679	107,010	150,284	189,316	204,968	205,169	184,653	161,679	155,066	177,990
Viet Nam	60,102	55,664	68,431	85,840	92,408	110,757	123,148	141,902	150,593	182,573
TOTAL	701,227	550,267	713,934	889,218	945,267	975,514	963,317	852,854	846,115	972,627
ASEAN6	635,928	490,128	640,040	794,866	842,450	851,139	823,326	692,994	676,923	768,287
CLMV	65,299	60,140	73,894	94,352	102,817	124,375	139,990	159,860	169,192	204,340

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.7. Intra-ASEAN Imports of Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1,200	1,255	1,234	1,549	1,603	1,844	1,768	1,405	1,290	1,331
Cambodia	1,599	1,453	1,676	2,207	2,765	2,818	2,916	4,677	4,614	5,525
Indonesia	40,992	27,742	47,125	51,300	53,823	54,031	50,903	38,913	34,817	39,363
Lao PDR	1,491	1,481	1,488	1,857	1,685	2,617	3,486	2,779	3,052	3,405
Malaysia	34,675	31,700	44,717	52,174	54,869	55,021	53,726	46,679	41,405	50,010
Myanmar	1,728	2,066	1,981	3,919	4,003	4,753	7,094	7,005	5,919	7,620
Philippines	14,317	11,561	16,270	15,040	14,954	14,171	16,404	17,042	22,495	28,448
Singapore	75,142	59,158	74,925	78,501	80,234	78,181	75,770	64,875	62,733	70,947
Thailand	29,888	26,760	32,643	39,463	42,805	44,348	43,299	41,072	39,602	44,773
Viet Nam	19,477	13,567	16,408	20,910	20,875	21,353	22,537	23,827	23,870	28,052
TOTAL	220,509	176,743	238,466	266,920	277,617	279,138	277,904	248,274	239,797	279,475
ASEAN6	196,214	158,176	216,913	238,027	248,289	247,597	241,871	209,985	202,342	234,872
CLMV	24,295	18,567	21,552	28,893	29,328	31,541	36,033	38,289	37,455	44,602

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 5.8. ASEAN Balance of Trade in Goods by Country, 2008-2017

(in US\$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	7,761	4,701	6,400	9,498	9,507	7,834	6,988	3,116	3,354	1,673
Cambodia	-58	1,085	-949	-978	-2,136	-1,546	-2,911	-3,240	-2,298	-3,006
Indonesia	7,823	19,681	22,116	26,061	-1,658	-4,077	-2,199	7,587	9,533	11,825
Lao PDR	-976	-488	72	-684	-1,000	-565	-1,880	-793	-496	-1,172
Malaysia	50,197	33,560	33,990	40,613	31,146	22,427	25,077	23,147	21,229	22,972
Myanmar	2,826	2,492	3,876	-395	-424	-810	-5,195	-5,411	-3,869	-5,376
Philippines	-7,620	-7,199	-6,797	-15,667	-13,391	-11,152	-6,603	-11,538	-29,622	-39,629
Singapore	17,950	23,755	40,167	43,649	29,796	31,885	37,463	49,808	46,174	65,559
Thailand	-2,601	18,728	10,371	-6,200	-18,243	-20,787	-379	11,645	20,659	13,931
Viet Nam	-17,801	-12,540	-12,602	-9,844	1,228	554	2,406	-3,716	2,112	3,306
TOTAL	57,500	83,775	96,644	86,052	34,824	23,764	52,767	70,605	66,776	70,084
ASEAN6	73,510	93,226	106,247	97,954	37,156	26,130	60,347	83,766	71,327	76,332
CLMV	-16,010	-9,451	-9,604	-11,902	-2,332	-2,366	-7,580	-13,160	-4,551	-6,248

Source:
ASEAN Secretariat

Note:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand;
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam; Trade balance is the difference between the value of exports and value of imports

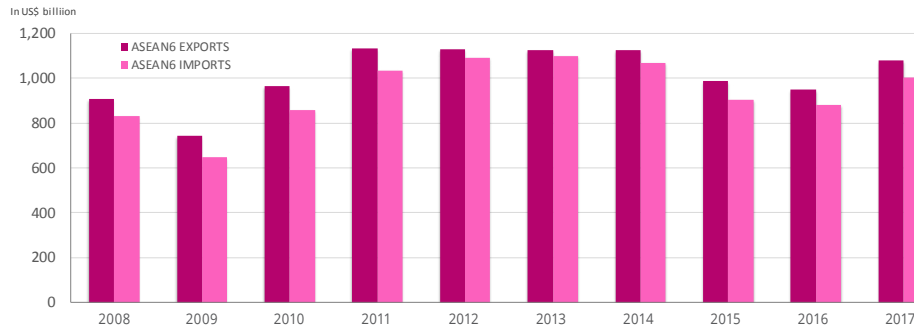
Table 5.9. ASEAN Trade in Goods by Trading Partners, 2008-2017

(in US\$ Million)

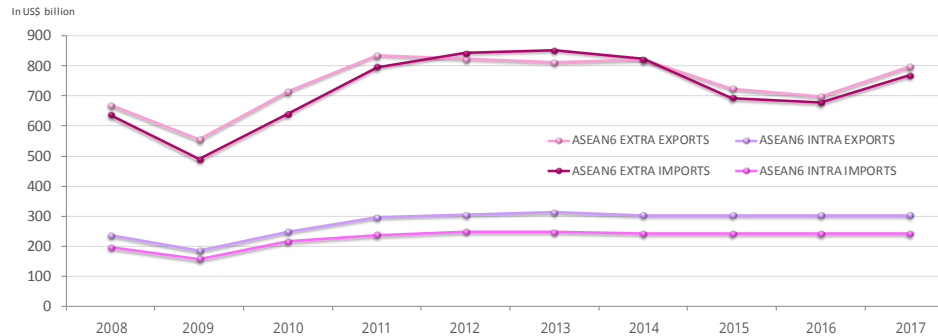
TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	471,827	376,979	502,864	582,938	605,640	617,752	608,114	535,380	516,575	590,227
TRADING PARTNER	1,429,145	1,160,817	1,491,968	1,806,793	1,865,437	1,903,785	1,913,965	1,737,481	1,722,025	1,984,062
Australia	53,063	43,978	57,399	67,443	70,379	68,975	73,289	57,493	52,879	59,140
Canada	10,727	9,028	10,455	12,280	11,932	13,064	12,809	12,655	12,632	13,817
China	196,706	178,049	234,296	293,103	316,984	348,325	362,645	363,497	368,694	441,009
EU-28	170,626	171,317	202,800	238,401	240,708	243,896	245,277	230,655	233,564	261,402
India	49,304	39,171	56,665	74,145	71,133	68,169	67,836	60,166	58,597	73,630
Japan	214,725	160,956	218,700	255,998	264,035	239,942	228,486	202,800	202,408	219,258
Korea, Republic of	78,313	74,722	101,744	124,403	130,974	134,400	130,925	120,567	124,455	153,680
New Zealand	7,828	5,371	7,605	9,039	9,283	9,783	10,698	8,753	7,900	9,524
Russian Federation	9,784	6,756	12,667	16,803	18,091	19,925	22,525	13,969	11,957	16,790
USA	185,203	148,668	179,220	195,879	198,087	203,127	209,290	210,582	211,807	234,269
Rest of the World	452,865	322,801	410,417	519,300	533,831	554,178	550,185	456,345	437,133	501,542
TOTAL	1,900,972	1,537,796	1,994,831	2,389,731	2,471,077	2,521,537	2,522,078	2,272,862	2,238,601	2,574,288

Source:
ASEAN Secretariat

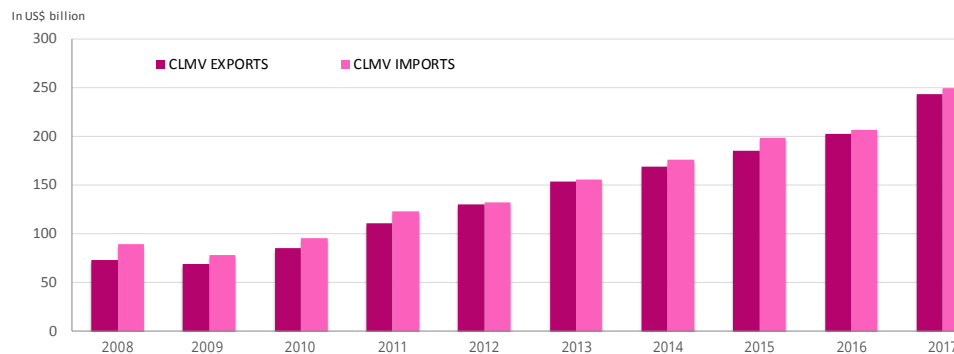
Graph 5.1. ASEAN6: Total Exports and Imports of Goods, 2008-2017



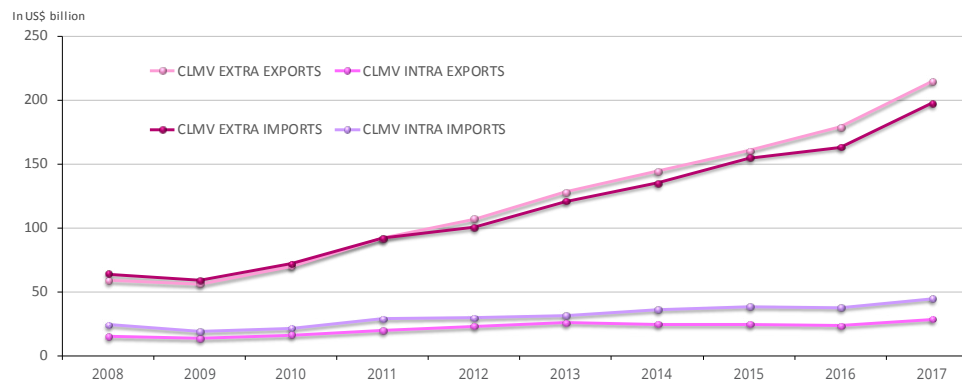
Graph 5.2. ASEAN6: Extra and Intra-ASEAN Exports and Imports of Goods, 2008-2017



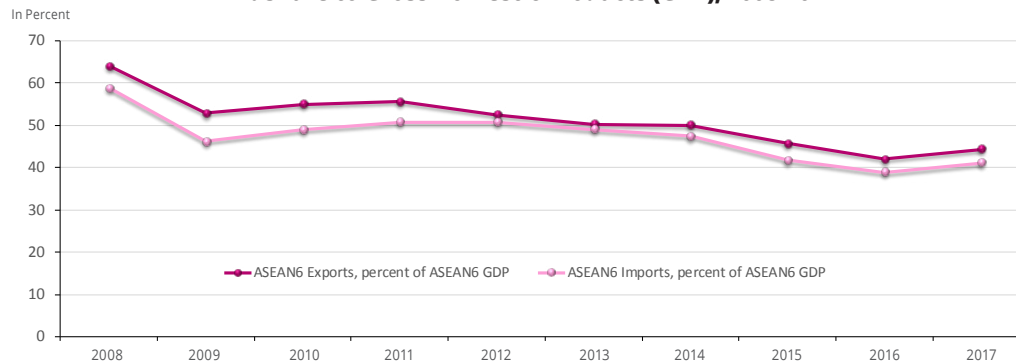
Graph 5.3. CLMV: Total Exports and Imports of Goods, 2008-2017



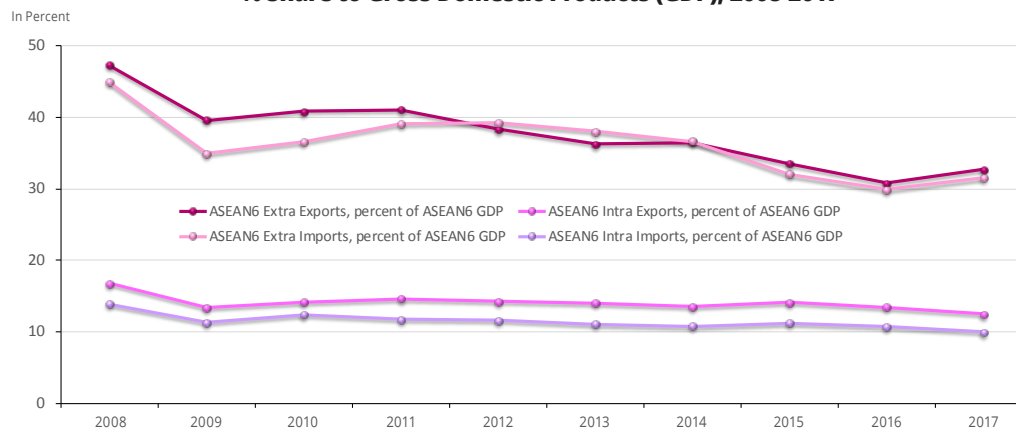
Graph 5.4. CLMV: Extra-ASEAN Exports and Imports of Goods, 2008-2017



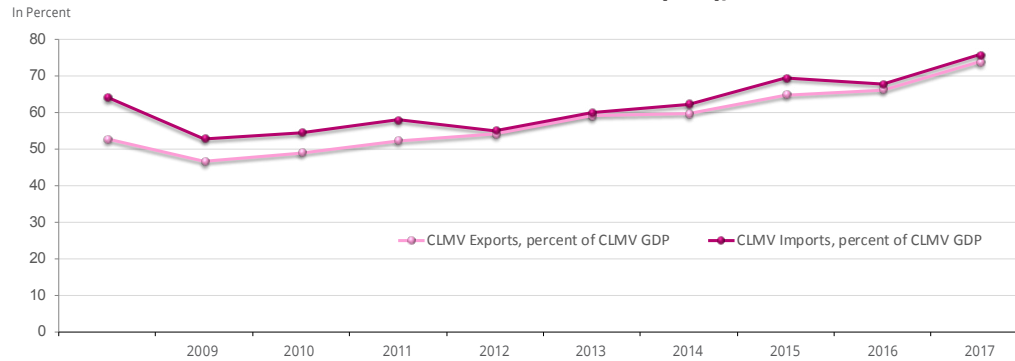
**Graph 5.5. ASEAN6: Exports and Imports of Goods
% Share to Gross Domestic Products (GDP), 2008-2017**



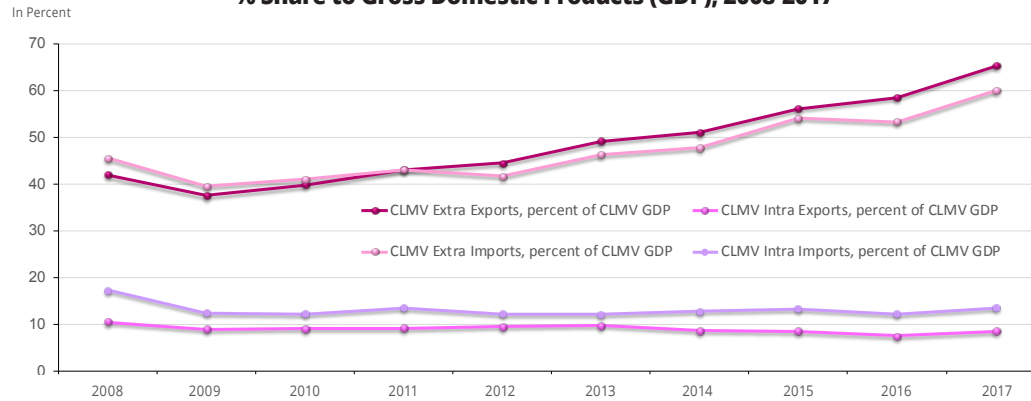
**Graph 5.6. ASEAN6: Extra and Intra-ASEAN Exports and Imports of Goods
% Share to Gross Domestic Products (GDP), 2008-2017**



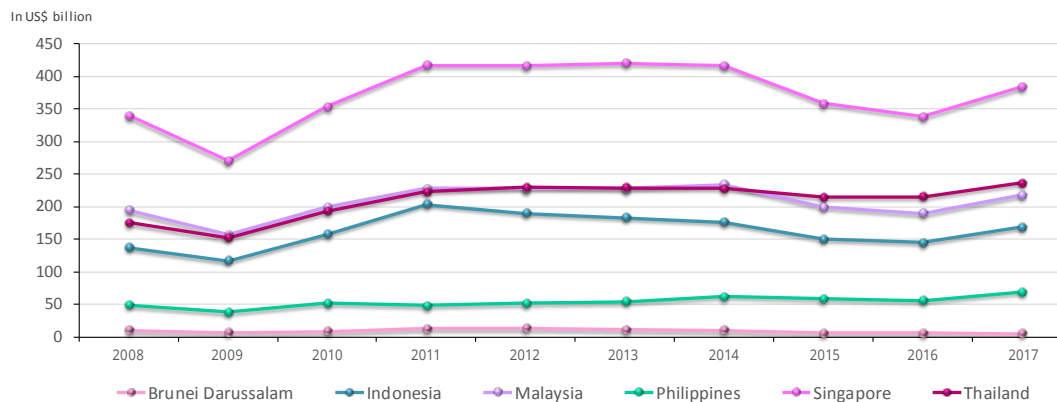
**Graph 5.7. CLMV: Exports and Imports of Goods
% Share to Gross Domestic Products (GDP), 2008-2017**



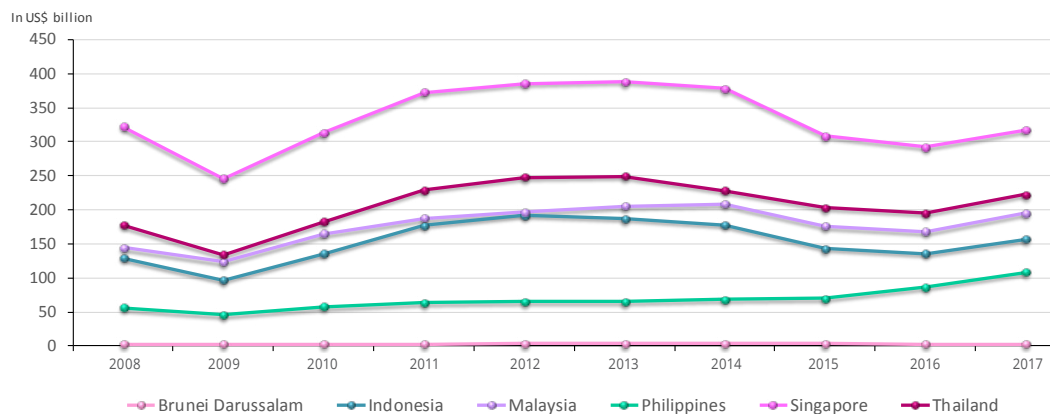
**Graph 5.8. CLMV: Extra and Intra-ASEAN Exports and Imports of Goods
% Share to Gross Domestic Products (GDP), 2008-2017**



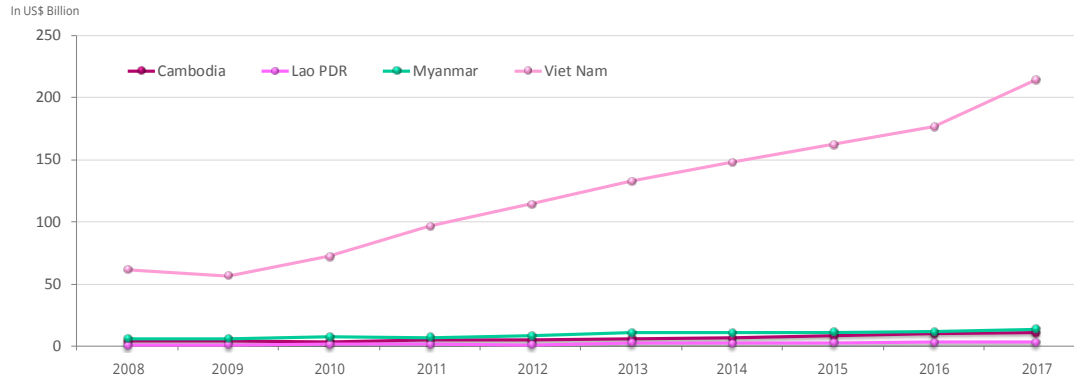
Graph 5.9. ASEAN6: Total Exports of Goods by Country, 2008-2017



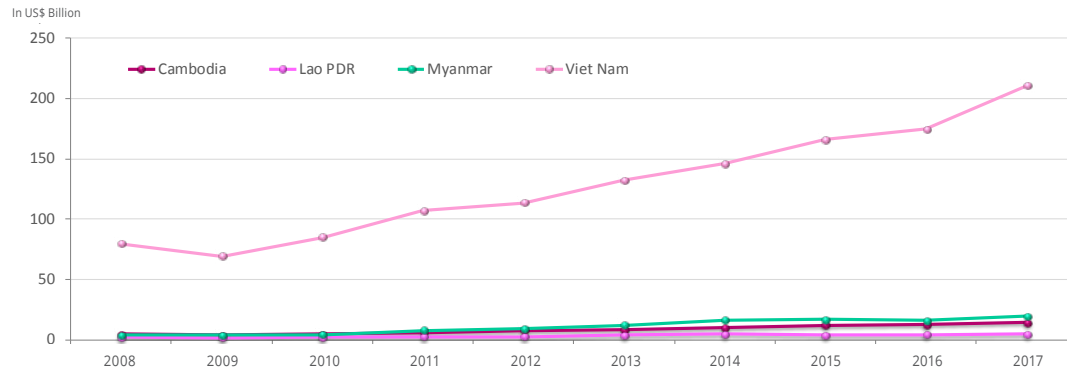
Graph 5.10. ASEAN6: Total Imports of Goods by Country, 2008-2017



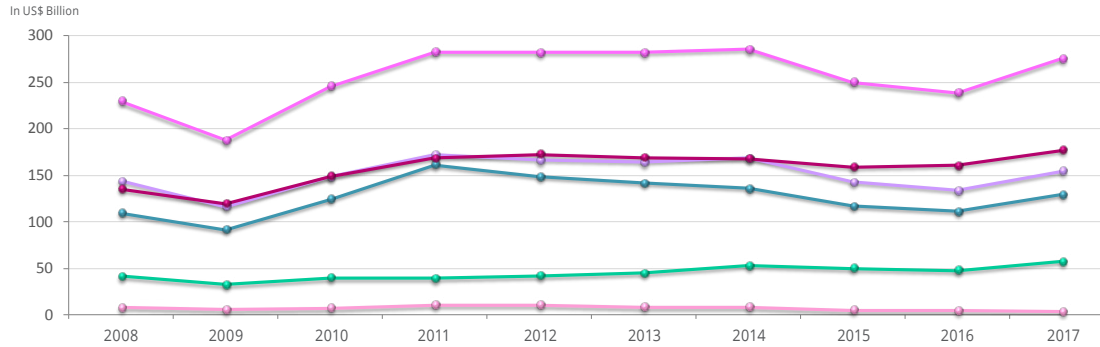
Graph 5.11. CLMV: Total Exports of Goods by Country, 2008-2017



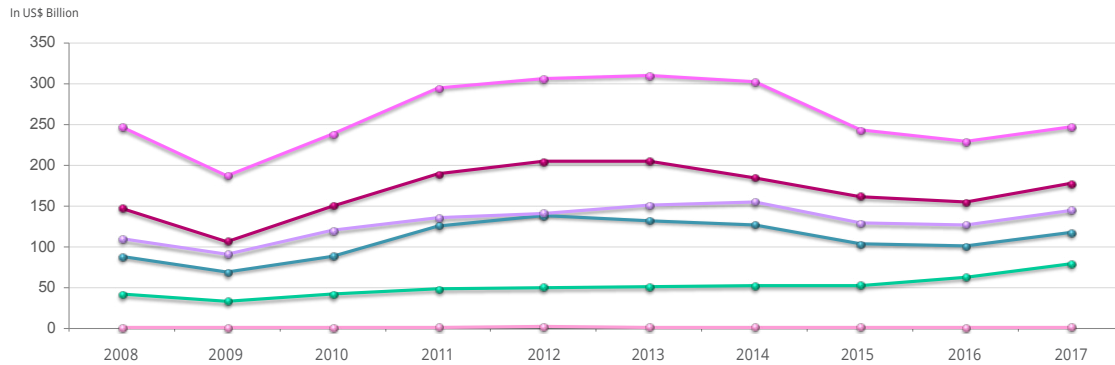
Graph 5.12. CLMV: Total Imports of Goods by Country, 2008-2017



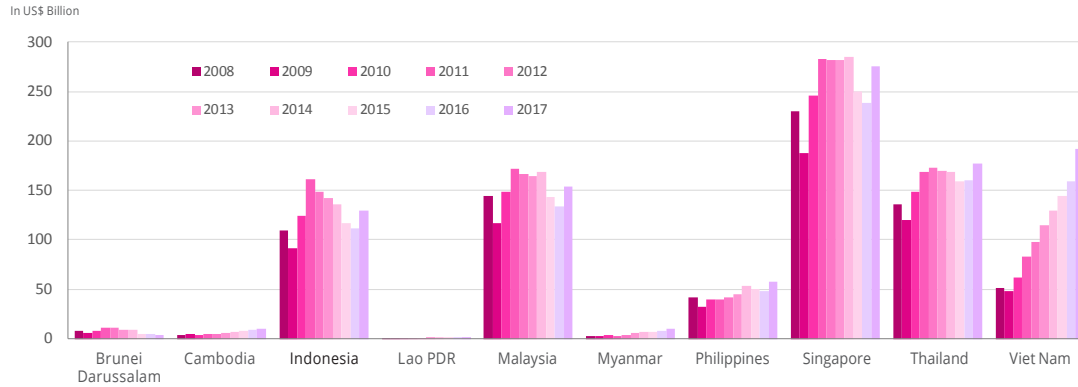
Graph 5.13. ASEAN6: Extra-ASEAN Exports of Goods by Country, 2008-2017



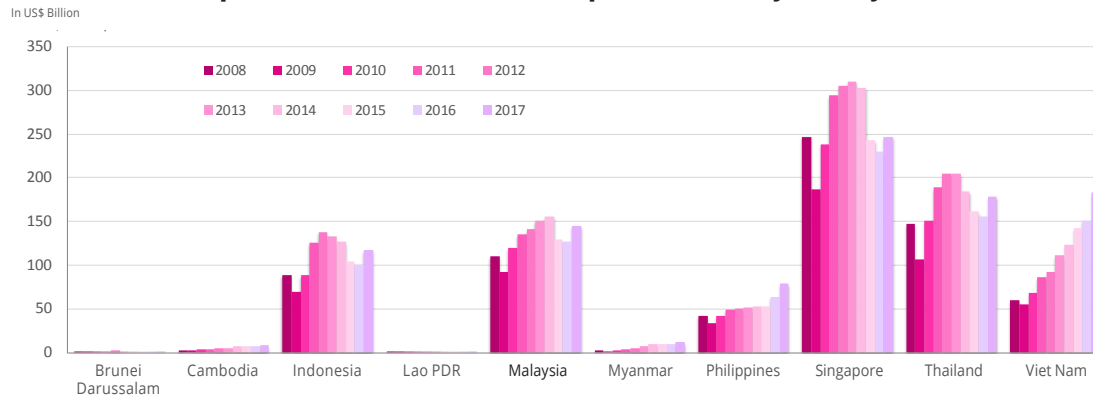
Graph 5.14. ASEAN6: Extra-ASEAN Imports of Goods by Country, 2008-2017



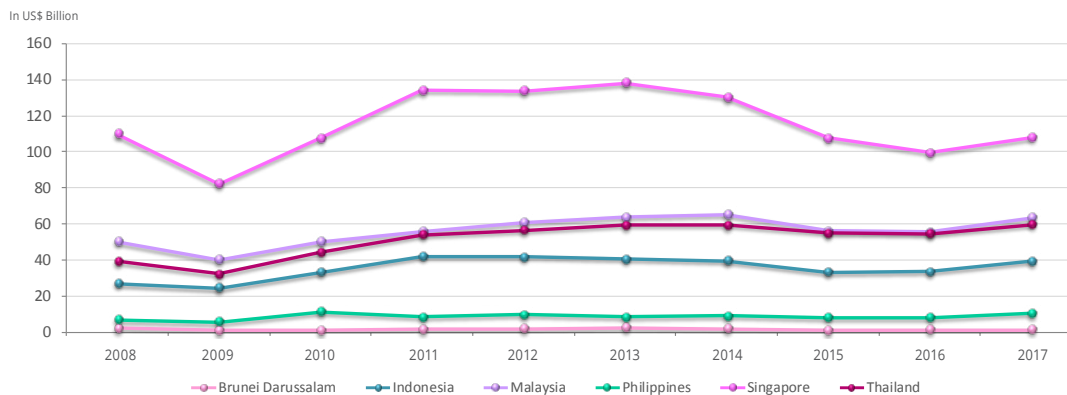
Graph 5.15. ASEAN6: Extra-ASEAN Exports of Goods by Country, 2008-2017



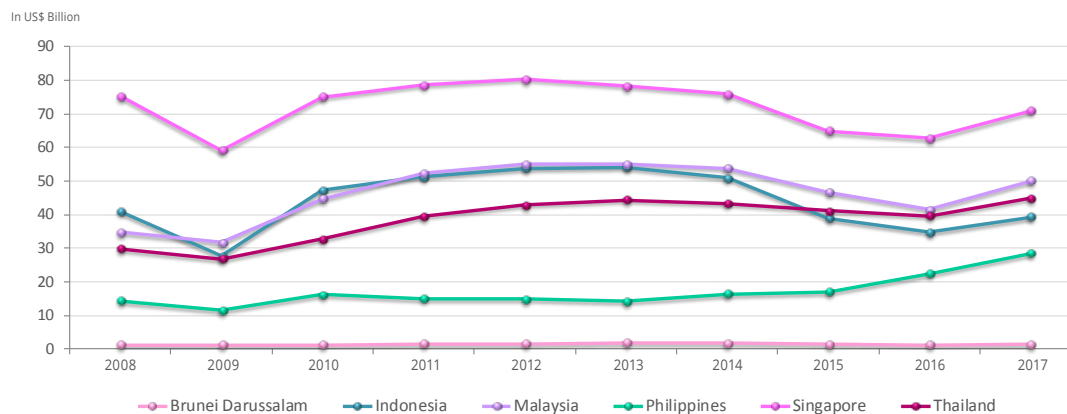
Graph 5.16. ASEAN6: Extra-ASEAN Imports of Goods by Country, 2008-2017



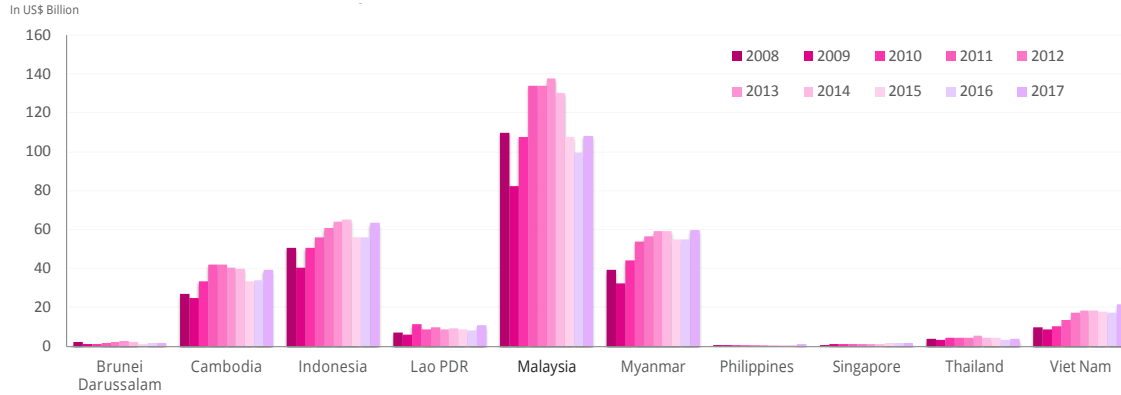
Graph 5.17. ASEAN6: Intra-ASEAN Exports of Goods by Country, 2008-2017



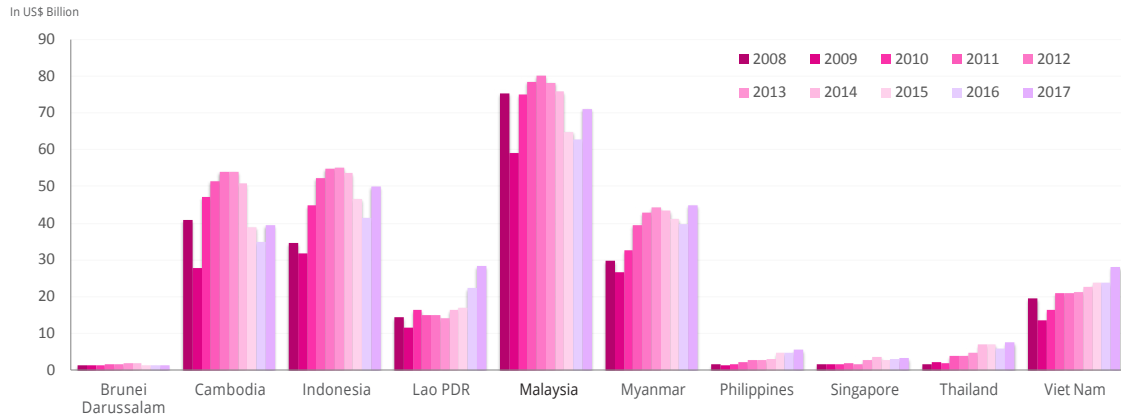
Graph 5.18. ASEAN6: Intra-ASEAN Imports of Goods by Country, 2008-2017



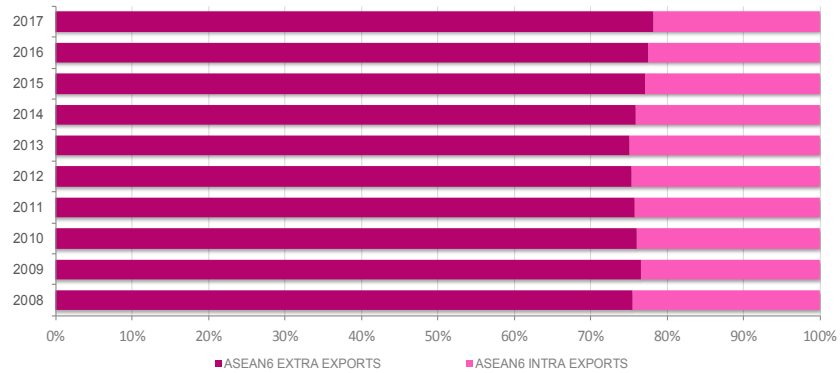
Graph 5.19. ASEAN6: Intra-ASEAN Exports of Goods by Country, 2008-2017



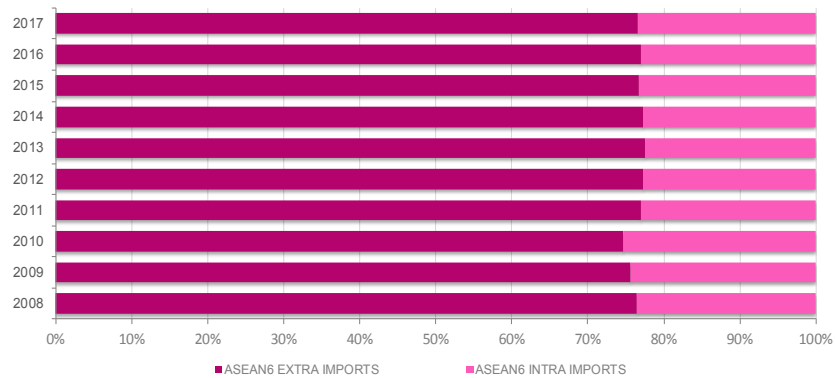
Graph 5.20. ASEAN6: Intra-ASEAN Imports of Goods by Country, 2008-2017



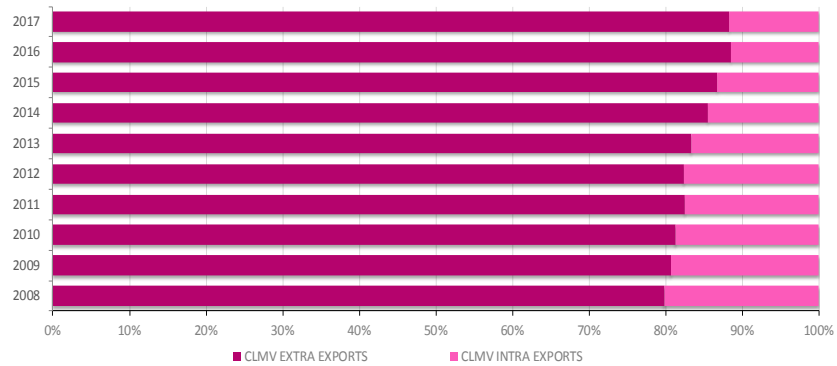
Graph 5.21. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Exports of Goods ASEAN6, 2008-2017



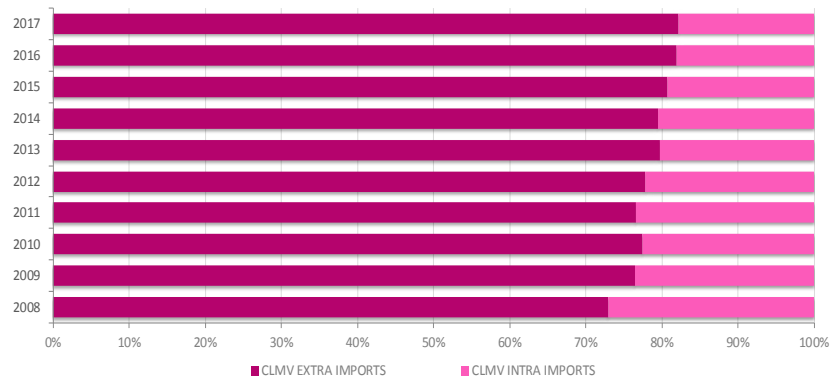
Graph 5.22. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods ASEAN6, 2008-2017



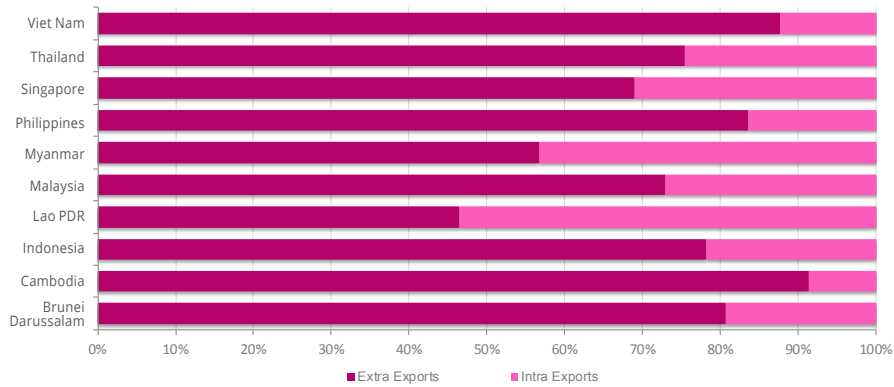
Graph 5.23. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Exports of Goods CLMV, 2008-2017



Graph 5.24. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods CLMV, 2008-2017



Graph 5.25. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Exports of Goods by Country, 2008-2017



Graph 5.26. Percent Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods by Country, 2008-2017

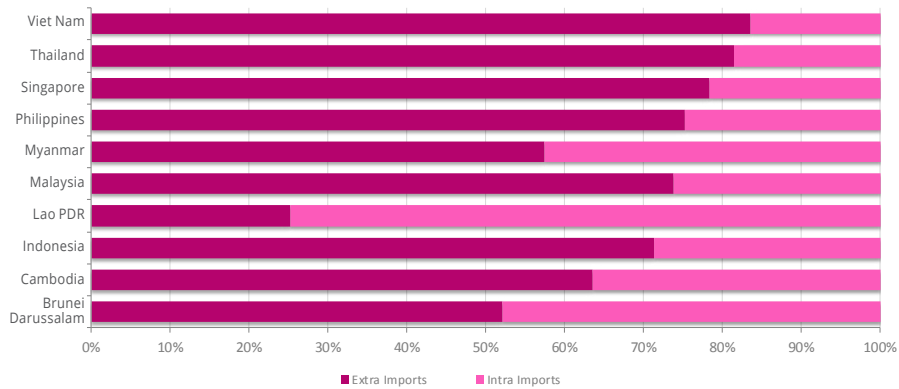


Table 5.10. ASEAN Exports and Imports of Goods by Trading Partners, 2008-2017

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
EXPORT OF GOODS										
ASEAN	251,318	200,236	264,398	316,018	328,024	338,613	330,209	287,106	276,778	310,752
TRADING PARTNER	727,918	610,550	781,133	921,468	924,871	933,664	957,392	884,627	875,910	1,011,434
Australia	34,718	29,049	37,960	42,686	46,014	45,239	45,148	35,791	33,083	34,557
Canada	5,536	5,492	5,728	6,380	6,186	6,781	6,956	7,182	7,395	7,834
China	87,489	81,511	112,512	139,913	142,362	153,112	153,656	145,291	144,176	186,475
EU-28	92,624	92,675	114,229	129,626	123,091	122,156	129,938	127,387	130,424	158,009
India	31,390	26,593	37,076	45,977	43,586	42,319	43,686	40,553	37,768	45,331
Japan	105,828	78,046	102,901	127,916	127,749	122,240	119,814	101,941	96,552	105,792
Korea, Republic of	36,510	34,254	45,011	54,117	55,319	52,748	51,502	45,421	45,917	55,031
New Zealand	4,522	3,135	4,370	4,974	5,620	5,680	6,371	5,226	4,547	5,461
Russian Federation	2,734	1,659	3,403	4,668	4,843	5,199	5,369	4,269	4,782	5,861
USA	102,642	82,012	97,984	103,002	106,273	111,781	119,213	125,443	131,074	142,719
Rest of the World	223,925	176,124	219,959	262,208	263,829	266,410	275,738	246,123	240,191	264,364
TOTAL	979,236	810,785	1,045,531	1,237,486	1,252,895	1,272,278	1,287,601	1,171,734	1,152,688	1,322,186
IMPORT OF GOODS										
ASEAN	220,509	176,743	238,466	266,920	277,617	279,138	277,904	248,274	239,797	279,475
TRADING PARTNER	701,227	550,267	710,835	885,325	940,566	970,121	956,573	852,854	846,115	972,627
Australia	18,345	14,929	19,439	24,756	24,365	23,736	28,141	21,702	19,795	24,583
Canada	5,190	3,536	4,727	5,899	5,746	6,283	5,853	5,473	5,237	5,983
China	109,217	96,538	121,783	153,190	174,622	195,213	208,989	218,205	224,518	254,534
EU-28	78,002	78,642	88,571	108,775	117,617	121,740	115,339	103,268	103,141	103,393
India	17,915	12,578	19,590	28,168	27,546	25,850	24,149	19,612	20,829	28,299
Japan	108,897	82,910	115,799	128,082	136,287	117,703	108,672	100,859	105,855	113,466
Korea, Republic of	41,804	40,468	56,733	70,286	75,655	81,652	79,423	75,146	78,537	98,648
New Zealand	3,306	2,237	3,235	4,065	3,663	4,103	4,327	3,527	3,353	4,063
Russian Federation	7,050	5,097	9,264	12,135	13,248	14,726	17,155	9,700	7,175	10,930
USA	82,561	66,655	81,236	92,877	91,814	91,347	90,077	85,140	80,733	91,551
Rest of the World	228,939	146,678	190,458	257,091	270,003	287,768	274,447	210,222	196,942	237,178
TOTAL	921,736	727,010	949,300	1,152,245	1,218,183	1,249,259	1,234,477	1,101,128	1,085,912	1,252,102

Source:
ASEAN Secretariat

Table 5.11. ASEAN Balance of Trade in Goods by Trading Partners, 2008-2017

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TRADE BALANCE (X-M)										
ASEAN	30,809	23,493	25,933	49,098	50,407	59,475	52,305	38,832	36,981	31,277
TRADING PARTNER	26,691	60,282	70,298	36,143	-15,695	-36,457	819	31,773	29,795	38,807
Australia	16,373	14,120	18,522	17,930	21,649	21,502	17,007	14,089	13,288	9,974
Canada	346	1,956	1,001	481	439	498	1,103	1,710	2,158	1,852
China	-21,728	-15,027	-9,271	-13,278	-32,260	-42,101	-55,332	-72,914	-80,343	-68,059
EU-28	14,622	14,033	25,657	20,850	5,475	417	14,600	24,119	27,283	54,616
India	13,475	14,015	17,486	17,809	16,040	16,469	19,537	20,941	16,940	17,032
Japan	-3,069	-4,865	-12,898	-165	-8,538	4,537	11,141	1,082	-9,303	-7,674
Korea, Republic of	-5,294	-6,214	-11,722	-16,169	-20,336	-28,904	-27,920	-29,725	-32,620	-43,617
New Zealand	1,216	898	1,135	910	1,956	1,577	2,044	1,698	1,194	1,398
Russian Federation	-4,316	-3,437	-5,862	-7,466	-8,405	-9,528	-11,786	-5,431	-2,392	-5,069
USA	20,081	15,357	16,748	10,125	14,459	20,434	29,136	40,303	50,341	51,168
Rest of the World	-5,014	29,446	29,501	5,117	-6,174	-21,358	1,291	35,900	43,249	27,187
TOTAL	57,500	83,775	96,230	85,241	34,712	23,018	53,124	70,605	66,776	70,084

Source:
ASEAN Secretariat

Note:
Trade balance is the difference between the value of exports and value of imports

Table 5.12. ASEAN6 Trade in Goods by Trading Partners, 2008-2017

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	432,748	345,019	465,301	534,506	553,429	560,700	547,707	472,471	455,843	517,267
TRADING PARTNER	1,305,045	1,044,815	1,354,853	1,629,233	1,665,204	1,662,902	1,643,035	1,417,253	1,374,014	1,565,384
Australia	52,943	43,760	52,881	62,248	64,977	63,222	67,411	52,462	47,383	52,355
Canada	10,430	8,826	9,294	10,958	10,296	11,089	10,311	9,168	8,813	9,489
China	174,406	154,410	205,341	254,811	271,340	290,721	293,743	280,252	279,024	327,456
EU-28	153,192	155,205	184,698	213,538	211,029	209,217	207,671	184,830	182,767	203,255
India	48,323	37,961	52,786	68,988	65,808	61,555	60,805	53,442	50,833	63,993
Japan	197,436	146,521	201,462	234,032	238,017	212,769	200,298	171,221	169,366	182,245
Korea, Republic of	78,001	65,249	88,491	105,771	109,289	105,394	101,558	82,698	79,598	90,591
New Zealand	7,811	5,365	7,117	8,488	8,701	9,048	9,888	8,018	7,152	8,561
Russian Federation	9,755	6,713	10,828	14,767	15,622	17,083	19,950	11,711	9,120	13,121
USA	168,419	132,643	161,142	174,165	173,409	173,829	173,760	166,713	161,912	179,845
Rest of the World	404,329	288,163	380,813	481,467	496,718	508,975	497,641	396,737	378,046	434,474
TOTAL	1,737,793	1,389,834	1,820,155	2,163,739	2,218,634	2,223,602	2,190,742	1,889,724	1,829,857	2,082,651

Source:
ASEAN SecretariatNote:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand**Table 5.13. CLMV Trade in Goods by Trading Partners, 2008-2017**

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	39,079	31,960	35,573	45,808	48,928	53,706	57,129	62,910	60,733	72,960
TRADING PARTNER	124,100	116,002	137,114	177,560	200,233	240,883	270,930	320,229	348,011	418,678
Australia	120	218	4,518	5,195	5,402	5,753	5,878	5,030	5,496	6,785
Canada	296	202	1,161	1,321	1,636	1,975	2,498	3,487	3,819	4,328
China	22,301	23,639	28,955	38,291	45,644	57,603	68,901	83,245	89,670	113,552
EU-28	17,435	16,112	18,103	24,864	29,679	34,679	37,605	45,825	50,798	58,147
India	981	1,211	3,879	5,157	5,324	6,614	7,031	6,723	7,765	9,637
Japan	17,289	14,436	17,238	21,966	26,018	27,173	28,188	31,579	33,042	37,014
Korea, Republic of	312	9,473	13,253	18,632	21,686	29,006	29,367	37,869	44,857	63,089
New Zealand	17	7	488	551	582	736	811	735	747	963
Russian Federation	29	43	1,839	2,036	2,470	2,842	2,575	2,258	2,836	3,670
USA	16,784	16,025	18,077	21,713	24,678	29,298	35,531	43,870	49,895	54,424
Rest of the World	48,536	34,638	29,604	37,833	37,114	45,203	52,544	59,608	59,087	67,069
TOTAL	163,179	147,962	172,687	223,368	249,161	294,589	328,058	383,138	408,743	491,638

Source:
ASEAN SecretariatNote:
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand

Table 5.14. ASEAN6 Exports and Imports in Goods by Trading Partners, 2008-2017

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
EXPORT										
ASEAN	236,534	186,842	248,388	296,479	305,141	313,103	305,836	262,486	253,501	282,394
TRADING PARTNER	669,118	554,688	714,813	834,367	822,754	811,763	819,709	724,259	697,091	797,097
Australia	34,643	28,910	34,960	39,686	42,482	41,154	41,427	32,861	30,131	31,128
Canada	5,244	5,294	4,921	5,407	5,024	5,220	4,857	4,186	4,047	4,358
China	82,471	76,132	104,720	128,403	128,124	136,526	134,073	122,675	115,165	143,602
EU-28	80,832	82,442	102,582	112,790	102,615	97,299	101,586	92,568	91,701	113,581
India	30,648	25,627	35,126	43,450	40,762	38,992	40,388	37,077	33,913	40,668
Japan	97,109	71,499	4,247	4,822	5,435	5,404	6,054	4,892	4,177	87,117
Korea, Republic of	36,416	32,133	41,791	49,195	49,524	45,751	44,053	36,070	34,034	39,718
New Zealand	4,511	3,133	4,247	4,822	5,435	5,404	6,054	4,892	4,177	4,988
Russian Federation	2,721	1,648	2,566	3,368	3,204	3,275	3,624	2,787	3,112	3,636
USA	88,790	69,066	83,703	86,024	86,585	87,844	90,481	89,710	90,299	98,376
Rest of the World	205,733	158,805	205,268	244,446	244,683	242,282	248,419	214,693	210,182	229,924
TOTAL	905,652	741,530	963,201	1,130,847	1,127,895	1,124,866	1,125,545	986,745	950,592	1,079,491
IMPORT										
ASEAN	196,214	158,176	216,913	238,027	248,289	247,597	241,871	209,985	202,342	234,872
TRADING PARTNER	635,928	490,128	640,040	794,866	842,450	851,139	823,326	692,994	676,923	768,287
Australia	18,300	14,850	17,921	22,562	22,495	22,068	25,984	19,602	17,252	21,227
Canada	5,186	3,532	4,373	5,551	5,272	5,868	5,454	4,982	4,766	5,131
China	91,935	78,278	100,621	126,409	143,216	154,196	159,670	157,577	163,859	183,854
EU-28	72,360	72,763	82,115	100,747	108,414	111,918	106,085	92,262	91,066	89,674
India	17,676	12,334	17,660	25,538	25,047	22,563	20,417	16,365	16,920	23,324
Japan	100,327	75,021	106,533	117,255	123,700	104,753	95,551	84,481	89,035	95,128
Korea, Republic of	41,585	33,116	46,700	56,576	59,764	59,643	57,505	46,628	45,564	50,872
New Zealand	3,300	2,232	2,870	3,666	3,266	3,643	3,834	3,126	2,975	3,573
Russian Federation	7,034	5,065	8,262	11,399	12,418	13,808	16,326	8,925	6,008	9,484
USA	79,629	63,577	77,440	88,141	86,824	85,985	83,279	77,003	71,613	81,469
Rest of the World	198,596	129,359	175,545	237,020	252,035	266,693	249,222	182,044	167,864	204,550
TOTAL	832,142	648,304	856,954	1,032,893	1,090,739	1,098,736	1,065,197	902,979	879,265	1,003,159

Source:
ASEAN Secretariat

Table 5.15. CLMV Exports and Imports of Goods by Trading Partners, 2008-2017

(in US\$ Million)

TRADING PARTNER	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
EXPORT										
ASEAN	14,784	13,393	15,697	19,122	22,366	24,983	24,011	24,621	23,277	28,357
TRADING PARTNER	58,800	55,862	66,320	87,101	102,117	121,901	137,683	160,368	178,819	214,338
Australia	75	139	3,001	3,001	3,532	4,085	3,721	2,930	2,952	3,429
Canada	292	198	806	973	1,162	1,560	2,099	2,996	3,348	3,476
China	5,019	5,379	7,792	11,510	14,238	16,586	19,583	22,617	29,011	42,873
EU-28	11,792	10,233	11,646	16,836	20,476	24,857	28,352	34,819	38,723	44,428
India	742	967	1,950	2,527	2,825	3,327	3,298	3,477	3,856	4,663
Japan	8,719	6,546	7,972	11,139	13,431	14,224	15,067	15,200	16,222	18,675
Korea, Republic of	93	2,121	3,220	4,922	5,795	6,997	7,449	9,351	11,883	15,313
New Zealand	11	2	123	153	185	276	318	334	370	473
Russian Federation	13	12	837	1,301	1,639	1,924	1,746	1,482	1,670	2,225
USA	13,852	12,947	14,281	16,978	19,688	23,937	28,732	35,733	40,775	44,343
Rest of the World	18,192	17,319	14,691	17,762	19,146	24,128	27,319	31,430	30,009	34,441
TOTAL	73,585	69,255	82,016	106,223	124,483	146,885	161,694	184,989	202,096	242,695
IMPORT										
ASEAN	24,295	18,567	19,876	26,687	26,563	28,723	33,117	38,289	37,455	44,602
TRADING PARTNER	65,299	60,140	70,795	90,459	98,116	118,982	133,247	159,860	169,192	204,340
Australia	45	79	1,518	2,194	1,870	1,668	2,157	2,100	2,544	3,356
Canada	4	4	354	348	474	415	399	491	471	852
China	17,282	18,259	21,163	26,782	31,406	41,017	49,318	60,629	60,659	70,680
EU-28	5,642	5,879	6,456	8,028	9,203	9,822	9,253	11,006	12,075	13,719
India	239	244	1,930	2,630	2,500	3,287	3,733	3,247	3,909	4,975
Japan	8,570	7,889	9,266	10,827	12,587	12,950	13,121	16,378	16,820	18,338
Korea, Republic of	219	7,352	10,033	13,710	15,891	22,009	21,918	28,518	32,974	47,776
New Zealand	6	5	365	398	398	460	493	401	377	490
Russian Federation	16	31	1,002	735	830	918	830	775	1,166	1,445
USA	2,932	3,078	3,796	4,736	4,990	5,361	6,799	8,137	9,119	10,081
Rest of the World	30,344	17,319	14,913	20,071	17,968	21,075	25,225	28,179	29,078	32,628
TOTAL	89,594	78,707	90,671	117,146	124,678	147,705	166,364	198,149	206,647	248,943

Source:
ASEAN Secretariat

Table 5.16. ASEAN Top Ten Destinations of Exports of Goods, 2016-2017

2016		
COUNTRY	VALUE	SHARE
ASEAN	276,219	23.6
China	143,519	12.2
United states	131,071	11.2
EU-28	130,415	11.1
Japan	96,037	8.2
Hong Kong	79,062	6.7
Korea, Republic of	45,711	3.9
India	37,634	3.2
Australia	32,994	2.8
Taiwan	31,374	2.7
TOP TEN COUNTRIES	1,004,035	85.7
OTHERS	167,699	14.3
TOTAL	1,171,734	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017		
COUNTRY	VALUE	SHARE
ASEAN	310,752	26.5
China	186,475	15.9
EU-28	158,009	13.5
United states	142,719	12.2
Japan	105,792	9.0
Hong Kong	89,219	7.6
Korea, Republic of	55,031	4.7
India	45,331	3.9
Taiwan	35,665	3.0
Australia	34,557	2.9
TOP TEN COUNTRIES	1,163,550	88.0
OTHERS	158,636	12.0
TOTAL	1,322,186	100.0

Table 5.17. ASEAN Top Ten Origins of Imports of Goods, 2016-2017

2016		
COUNTRY	VALUE	SHARE
ASEAN	239,794	21.8
China	224,508	20.4
Japan	105,856	9.6
EU-28	103,146	9.4
United states	80,730	7.3
Korea, Republic of	78,540	7.1
Taiwan	60,775	5.5
Germany	28,680	2.6
India	20,815	1.9
Saudi Arabia	20,607	1.9
TOP TEN COUNTRIES	963,452	87.5
OTHERS	137,676	12.5
TOTAL	1,101,128	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017		
COUNTRY	VALUE	SHARE
ASEAN	279,475	22.3
China	254,534	20.3
Japan	113,466	9.1
EU-28	103,393	8.3
Korea, Republic of	98,648	7.9
United states	91,551	7.3
Taiwan	70,646	5.6
India	28,299	2.3
Australia	24,583	2.0
Saudi Arabia	23,813	1.9
TOP TEN COUNTRIES	1,088,407	86.9
OTHERS	163,695	13.1
TOTAL	1,252,102	100.0

Table 5.18. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	294,229	25.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	130,988	11.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	111,215	9.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	42,731	3.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	42,518	3.6
39	Plastics and articles thereof	37,313	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	35,641	3.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	32,717	2.8
40	Rubber and articles thereof	28,753	2.5
29	Organic chemicals	25,934	2.2
TOP TEN COMMODITIES		782,037	66.7
OTHERS		389,696	33.3
TOTAL		1,171,734	100.0

2017			
HS	COMMODITIES	VALUE	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	343,846	26.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	145,055	11.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	140,066	10.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	45,151	3.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	42,546	3.2
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	41,902	3.2
39	Plastics and articles thereof	41,645	3.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	39,329	3.0
40	Rubber and articles thereof	38,285	2.9
29	Organic chemicals	28,089	2.1
TOP TEN COMMODITIES		905,916	68.5
OTHERS		416,270	31.5
TOTAL		1,322,186	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.19. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2016-2017

2016				2017			
HS	COMMODITIES	VALUE	SHARE	HS	COMMODITIES	VALUE	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	254,593	23.1	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	295,938	23.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	142,561	12.9	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	182,019	14.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	131,681	12.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	150,979	12.1
39	Plastics and articles thereof	43,566	4.0	39	Plastics and articles thereof	49,282	3.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	42,371	3.8	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	44,200	3.5
72	Iron and steel	35,837	3.3	72	Iron and steel	42,237	3.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	34,388	3.1	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	41,424	3.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	30,409	2.8	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	35,014	2.8
73	Iron or steel articles	21,028	1.9	29	Organic chemicals	24,360	1.9
29	Organic chemicals	20,646	1.9	73	Iron or steel articles	21,405	1.7
TOP TEN COMMODITIES		757,079	68.8	TOP TEN COMMODITIES		886,859	70.8
OTHERS		344,049	31.2	OTHERS		365,243	29.2
TOTAL		1,101,128	100.0	TOTAL		1,252,102	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.20. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	60,885	22.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	48,037	17.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	34,159	12.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	13,851	5.0
39	Plastics and articles thereof	12,316	4.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,654	3.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,934	2.1
29	Organic chemicals	5,346	1.9
73	Iron or steel articles	4,300	1.6
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,027	1.5
TOP TEN COMMODITIES		198,510	71.7
OTHERS		78,268	28.3
TOTAL		276,778	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	69,996	22.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	59,908	19.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	35,364	11.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,231	4.6
39	Plastics and articles thereof	13,562	4.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,883	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,681	2.1
29	Organic chemicals	6,334	2.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,711	1.5
40	Rubber and articles thereof	4,587	1.5
TOP TEN COMMODITIES		225,256	72.5
OTHERS		85,496	27.5
TOTAL		310,752	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.21. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	54,151	22.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	46,445	19.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	26,143	10.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	13,566	5.7
39	Plastics and articles thereof	10,294	4.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	8,099	3.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,776	2.0
29	Organic chemicals	4,722	2.0
73	Iron or steel articles	3,977	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	3,637	1.5
TOP TEN COMMODITIES		175,809	73.3
OTHERS		63,988	26.7
TOTAL		239,797	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	63,581.8	22.8
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	63,175.4	22.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	27,277.8	9.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,967.3	5.4
39	Plastics and articles thereof	11,314.1	4.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	6,437.2	2.3
29	Organic chemicals	6,198.3	2.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,369.5	1.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,413.5	1.6
40	Rubber and articles thereof	4,193.7	1.5
TOP TEN COMMODITIES		206,928.6	74.0
OTHERS		72,546.1	26.0
TOTAL		279,474.7	100.0

Table 5.22. Top Ten Exports of Goods of ASEAN to Australia by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,444	19.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,613	17.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,748	11.3
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	2,857	8.6
73	Iron or steel articles	1,468	4.4
39	Plastics and articles thereof	1,152	3.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,070	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	896	2.7
21	Miscellaneous edible preparations	664	2.0
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	559	1.7
TOP TEN COMMODITIES		24,469	74.0
OTHERS		8,614	26.0
TOTAL		33,083	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,040	23.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,219	18.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,920	11.3
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	3,090	8.9
39	Plastics and articles thereof	1,322	3.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	799	2.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	724	2.1
21	Miscellaneous edible preparations	656	1.9
40	Rubber and articles thereof	570	1.6
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	535	1.5
TOP TEN COMMODITIES		25,874	74.9
OTHERS		8,684	25.1
TOTAL		34,557	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.23. Top Ten Major Imports of Goods of ASEAN from Australia by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,647	18.4
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,842	9.3
10	Cereals	1,791	9.0
01	Animals; live	970	4.9
02	Meat and edible meat offal	891	4.5
74	Copper and articles thereof	750	3.8
75	Nickel and articles thereof	683	3.4
76	Aluminium and articles thereof	669	3.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	666	3.4
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	640	3.2
TOP TEN COMMODITIES		12,549	63.4
OTHERS		7,246	36.6
TOTAL		19,795	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,737	23.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,554	10.4
10	Cereals	2,421	9.8
26	Ores, slag and ash	1,284	5.2
02	Meat and edible meat offal	980	4.0
74	Copper and articles thereof	941	3.8
01	Animals; live	828	3.4
76	Aluminium and articles thereof	815	3.3
28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	774	3.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	604	2.5
TOP TEN COMMODITIES		16,938	68.9
OTHERS		7,645	31.1
TOTAL		24,583	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.24. Top Ten Exports of Goods of ASEAN to Canada by 2-digit HS Code, 2016-2017

2016				2017			
HS	COMMODITIES	VALUE	SHARE	HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,779	24.1	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	1,538	19.6
61	Apparel and clothing accessories; knitted or crocheted	928	12.5	61	Apparel and clothing accessories; knitted or crocheted	996	12.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	579	7.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	718	9.2
62	Apparel and clothing accessories; not knitted or crocheted	434	5.9	62	Apparel and clothing accessories; not knitted or crocheted	464	5.9
64	Footwear; gaiters and the like; parts of such articles	381	5.2	40	Rubber and articles thereof	439	5.6
40	Rubber and articles thereof	326	4.4	64	Footwear; gaiters and the like; parts of such articles	424	5.4
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	298	4.0	16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	306	3.9
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	251	3.4	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	286	3.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	229	3.1	03	Fish and crustaceans, molluscs and other aquatic invertebrates	247	3.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	145	2.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	156	2.0
TOP TEN COMMODITIES		5,350	72.3	TOP TEN COMMODITIES		5,572	71.1
OTHERS		2,045	27.7	OTHERS		2,262	28.9
TOTAL		7,395	100.0	TOTAL		7,834	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.25. Top Ten Imports of Goods of ASEAN from Canada by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	713	13.6
31	Fertilizers	649	12.4
10	Cereals	569	10.9
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	465	8.9
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	349	6.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	323	6.2
88	Aircraft, spacecraft and parts thereof	199	3.8
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	174	3.3
44	Wood and articles of wood; wood charcoal	156	3.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	155	3.0
TOP TEN COMMODITIES		3,752	71.6
OTHERS		1,485	28.4
TOTAL		5,237	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017			
HS	COMMODITIES	VALUE	SHARE
10	Cereals	799	13.3
31	Fertilizers	659	11.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	632	10.6
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	563	9.4
88	Aircraft, spacecraft and parts thereof	453	7.6
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	371	6.2
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	193	3.2
44	Wood and articles of wood; wood charcoal	193	3.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	181	3.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	170	2.8
TOP TEN COMMODITIES		4,212	70.4
OTHERS		1,771	29.6
TOTAL		5,983	100.0

Table 5.26. Top Ten Exports of Goods of ASEAN to China by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	38,475	26.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	15,757	10.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	12,694	8.8
39	Plastics and articles thereof	8,488	5.9
40	Rubber and articles thereof	7,103	4.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,725	4.7
29	Organic chemicals	4,748	3.3
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,271	3.0
26	Ores, slag and ash	3,580	2.5
44	Wood and articles of wood; wood charcoal	3,260	2.3
TOP TEN COMMODITIES		105,100	72.9
OTHERS		39,076	27.1
TOTAL		144,176	100.0

2017			
HS	COMMODITIES	VALUE	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	50,837	27.3
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	22,383	12.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	14,681	7.9
40	Rubber and articles thereof	11,404	6.1
39	Plastics and articles thereof	9,770	5.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,645	4.6
29	Organic chemicals	6,166	3.3
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,234	2.8
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,799	2.6
08	Fruit and nuts, edible; peel of citrus fruit or melons	4,278	2.3
TOP TEN COMMODITIES		138,197	74.1
OTHERS		48,278	25.9
TOTAL		186,475	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.27. Top Ten Imports of Goods of ASEAN from China by 2-digit HS Code, 2016-2017

2016				2017			
HS	COMMODITIES	VALUE	SHARE	HS	COMMODITIES	VALUE	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	64,578	28.8	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	77,613	30.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,285	17.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	42,298	16.6
72	Iron and steel	14,747	6.6	72	Iron and steel	13,433	5.3
39	Plastics and articles thereof	8,071	3.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,866	4.3
73	Iron or steel articles	7,542	3.4	39	Plastics and articles thereof	9,794	3.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,522	3.4	73	Iron or steel articles	8,088	3.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,056	2.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,538	2.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,561	2.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,067	2.0
29	Organic chemicals	4,299	1.9	29	Organic chemicals	4,965	2.0
76	Aluminium and articles thereof	4,225	1.9	60	Fabrics; knitted or crocheted	4,692	1.8
TOP TEN COMMODITIES		159,886	71.2	TOP TEN COMMODITIES		182,353	71.6
OTHERS		64,632	28.8	OTHERS		72,181	28.4
TOTAL		224,518	100.0	TOTAL		254,534	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.28. Top Ten Exports of Goods of ASEAN to EU-28 by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	35,914	27.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,720	12.8
29	Organic chemicals	6,690	5.1
64	Footwear; gaiters and the like; parts of such articles	6,552	5.0
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,608	4.3
61	Apparel and clothing accessories; knitted or crocheted	5,285	4.1
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,868	3.7
62	Apparel and clothing accessories; not knitted or crocheted	4,250	3.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,102	3.1
40	Rubber and articles thereof	3,755	2.9
TOP TEN COMMODITIES		93,744	71.9
OTHERS		36,679	28.1
TOTAL		130,424	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	42,848	27.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,554	13.0
64	Footwear; gaiters and the like; parts of such articles	7,271	4.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,951	4.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,986	3.8
61	Apparel and clothing accessories; knitted or crocheted	5,860	3.7
29	Organic chemicals	5,686	3.6
62	Apparel and clothing accessories; not knitted or crocheted	5,100	3.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,882	3.1
40	Rubber and articles thereof	4,701	3.0
TOP TEN COMMODITIES		109,838	69.5
OTHERS		48,171	30.5
TOTAL		158,009	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.29. Top Ten Imports of Goods of ASEAN from EU-28 by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,072	20.4
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	15,979	15.5
88	Aircraft, spacecraft and parts thereof	6,287	6.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,551	5.4
30	Pharmaceutical products	5,235	5.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,225	5.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,503	3.4
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,749	2.7
39	Plastics and articles thereof	2,664	2.6
22	Beverages, spirits and vinegar	2,429	2.4
TOP TEN COMMODITIES		70,694	68.5
OTHERS		32,447	31.5
TOTAL		103,141	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,006	20.3
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	15,309	14.8
88	Aircraft, spacecraft and parts thereof	6,587	6.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,474	5.3
30	Pharmaceutical products	5,428	5.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,184	5.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,597	4.4
39	Plastics and articles thereof	2,682	2.6
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,666	2.6
29	Organic chemicals	2,203	2.1
TOP TEN COMMODITIES		71,135	68.8
OTHERS		32,258	31.2
TOTAL		103,393	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.30. Top Ten Exports of Goods of ASEAN to India by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,190	16.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,305	14.0
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	5,190	13.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,065	10.8
39	Plastics and articles thereof	1,791	4.7
29	Organic chemicals	1,781	4.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	981	2.6
40	Rubber and articles thereof	944	2.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	940	2.5
74	Copper and articles thereof	828	2.2
TOP TEN COMMODITIES		28,014	74.2
OTHERS		9,754	25.8
TOTAL		37,768	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,510	16.6
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,554	14.5
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	6,049	13.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,227	9.3
29	Organic chemicals	2,366	5.2
39	Plastics and articles thereof	2,198	4.8
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,495	3.3
74	Copper and articles thereof	1,428	3.2
40	Rubber and articles thereof	1,150	2.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	992	2.2
TOP TEN COMMODITIES		33,969	74.9
OTHERS		11,362	25.1
TOTAL		45,331	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.31. Ten Major Import of Goods of ASEAN from India by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,056	19.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,828	8.8
29	Organic chemicals	1,265	6.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,130	5.4
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	939	4.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	901	4.3
17	Sugars and sugar confectionery	801	3.8
30	Pharmaceutical products	752	3.6
02	Meat and edible meat offal	741	3.6
72	Iron and steel	726	3.5
TOP TEN COMMODITIES		13,140	63.1
OTHERS		7,689	36.9
TOTAL		20,829	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,234	25.6
72	Iron and steel	2,351	8.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,897	6.7
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,728	6.1
29	Organic chemicals	1,489	5.3
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,234	4.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,077	3.8
30	Pharmaceutical products	903	3.2
02	Meat and edible meat offal	781	2.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	713	2.5
TOP TEN COMMODITIES		19,407	68.6
OTHERS		8,892	31.4
TOTAL		28,299	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.32. Top Ten Exports of Goods of ASEAN to Japan by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	20,461	21.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,740	13.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,326	8.6
44	Wood and articles of wood; wood charcoal	4,990	5.2
39	Plastics and articles thereof	3,622	3.8
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,241	3.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,587	2.7
62	Apparel and clothing accessories; not knitted or crocheted	2,578	2.7
61	Apparel and clothing accessories; knitted or crocheted	2,492	2.6
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,468	2.6
TOP TEN COMMODITIES		63,504	65.8
OTHERS		33,048	34.2
TOTAL		96,552	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	24,492	23.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	14,056	13.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,087	9.5
39	Plastics and articles thereof	4,084	3.9
44	Wood and articles of wood; wood charcoal	3,673	3.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,642	3.4
62	Apparel and clothing accessories; not knitted or crocheted	2,835	2.7
61	Apparel and clothing accessories; knitted or crocheted	2,777	2.6
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,731	2.6
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,584	2.4
TOP TEN COMMODITIES		70,961	67.1
OTHERS		34,831	32.9
TOTAL		105,792	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.33. Top Ten Imports of Goods of ASEAN from Japan by 2-digit HS Code, 2016-2017

2016				2017			
HS	COMMODITIES	VALUE	SHARE	HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	24,014	22.7	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	25,246	22.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,631	19.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,421	18.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	12,254	11.6	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	11,995	10.6
72	Iron and steel	8,152	7.7	72	Iron and steel	9,148	8.1
39	Plastics and articles thereof	5,178	4.9	39	Plastics and articles thereof	5,742	5.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,051	3.8	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,520	4.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,718	3.5	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,952	3.5
73	Iron or steel articles	3,465	3.3	73	Iron or steel articles	3,832	3.4
32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints, varnishes; putty, other mastics; inks	2,011	1.9	32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints, varnishes; putty, other mastics; inks	2,794	2.5
40	Rubber and articles thereof	1,815	1.7	74	Copper and articles thereof	2,302	2.0
TOP TEN COMMODITIES		85,288	80.6	TOP TEN COMMODITIES		90,953	80.2
OTHERS		20,568	19.4	OTHERS		22,513	19.8
TOTAL		105,855	100.0	TOTAL		113,466	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.34. Top Ten Exports of Goods of ASEAN to Republic of Korea by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	14,855	32.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,479	14.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,647	7.9
62	Apparel and clothing accessories; not knitted or crocheted	1,948	4.2
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,358	3.0
44	Wood and articles of wood; wood charcoal	1,102	2.4
38	Chemical products n.e.c.	1,025	2.2
61	Apparel and clothing accessories; knitted or crocheted	971	2.1
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	920	2.0
39	Plastics and articles thereof	883	1.9
TOP TEN COMMODITIES		33,187	72.3
OTHERS		12,731	27.7
TOTAL		45,917	100.0

2017			
HS	COMMODITIES	VALUE	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	16,636	30.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,687	14.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,863	10.7
62	Apparel and clothing accessories; not knitted or crocheted	2,168	3.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,935	3.5
44	Wood and articles of wood; wood charcoal	1,325	2.4
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	1,291	2.3
61	Apparel and clothing accessories; knitted or crocheted	1,149	2.1
38	Chemical products n.e.c.	1,081	2.0
40	Rubber and articles thereof	1,038	1.9
TOP TEN COMMODITIES		40,172	73.0
OTHERS		14,859	27.0
TOTAL		55,031	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.35. Top Ten Imports of Goods of ASEAN from Republic of Korea by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	32,365	41.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	6,876	8.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,876	8.8
39	Plastics and articles thereof	4,698	6.0
72	Iron and steel	3,715	4.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	2,389	3.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,105	2.7
73	Iron or steel articles	1,603	2.0
60	Fabrics; knitted or crocheted	1,370	1.7
40	Rubber and articles thereof	1,185	1.5
TOP TEN COMMODITIES		63,181	80.4
OTHERS		15,356	19.6
TOTAL		78,537	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	41,997	42.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	9,236	9.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,679	8.8
39	Plastics and articles thereof	5,486	5.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,923	5.0
72	Iron and steel	4,481	4.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,085	2.1
40	Rubber and articles thereof	1,624	1.6
73	Iron or steel articles	1,425	1.4
74	Copper and articles thereof	1,405	1.4
TOP TEN COMMODITIES		81,340	82.5
OTHERS		17,308	17.5
TOTAL		98,648	100.0

Table 5.36. Top Ten Exports of Goods of ASEAN to New Zealand by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	852	18.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	809	17.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	523	11.5
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	402	8.8
39	Plastics and articles thereof	255	5.6
23	Food industries, residues and wastes thereof; prepared animal fodder	154	3.4
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	97	2.1
21	Miscellaneous edible preparations	97	2.1
40	Rubber and articles thereof	84	1.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	78	1.7
TOP TEN COMMODITIES		3,352	73.7
OTHERS		1,195	26.3
TOTAL		4,547	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,194	21.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	989	18.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	543	9.9
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	509	9.3
39	Plastics and articles thereof	306	5.6
23	Food industries, residues and wastes thereof; prepared animal fodder	206	3.8
21	Miscellaneous edible preparations	105	1.9
88	Aircraft, spacecraft and parts thereof	99	1.8
40	Rubber and articles thereof	96	1.8
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	93	1.7
TOP TEN COMMODITIES		4,140	75.8
OTHERS		1,321	24.2
TOTAL		5,461	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.37. Top Ten Imports of Goods of ASEAN from New Zealand by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,602	47.8
02	Meat and edible meat offal	190	5.7
08	Fruit and nuts, edible; peel of citrus fruit or melons	178	5.3
44	Wood and articles of wood; wood charcoal	161	4.8
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	130	3.9
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	92	2.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	75	2.2
35	Albuminoidal substances; modified starches; glues; enzymes	74	2.2
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	72	2.1
99	Other products	71	2.1
TOP TEN COMMODITIES		2,644	78.9
OTHERS		709	21.1
TOTAL		3,353	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,005	49.4
02	Meat and edible meat offal	224	5.5
44	Wood and articles of wood; wood charcoal	183	4.5
47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	177	4.3
08	Fruit and nuts, edible; peel of citrus fruit or melons	169	4.2
97	Works of art; collectors' pieces and antiques	148	3.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	126	3.1
35	Albuminoidal substances; modified starches; glues; enzymes	84	2.1
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	79	2.0
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	73	1.8
TOP TEN COMMODITIES		3,268	80.4
OTHERS		795	19.6
TOTAL		4,063	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.38. Top Ten Exports of Goods of ASEAN to Russian Federation by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,428	29.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	623	13.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	549	11.5
09	Coffee, tea, mate and spices	222	4.6
40	Rubber and articles thereof	187	3.9
64	Footwear; gaiters and the like; parts of such articles	177	3.7
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	148	3.1
03	Fish and crustaceans, molluscs and other aquatic invertebrates	117	2.5
61	Apparel and clothing accessories; knitted or crocheted	117	2.5
89	Ships, boats and floating structures	117	2.4
TOP TEN COMMODITIES		3,685	77.1
OTHERS		1,097	22.9
TOTAL		4,782	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,889	32.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	666	11.4
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	580	9.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	447	7.6
40	Rubber and articles thereof	264	4.5
09	Coffee, tea, mate and spices	229	3.9
64	Footwear; gaiters and the like; parts of such articles	169	2.9
61	Apparel and clothing accessories; knitted or crocheted	138	2.4
62	Apparel and clothing accessories; not knitted or crocheted	115	2.0
03	Fish and crustaceans, molluscs and other aquatic invertebrates	114	1.9
TOP TEN COMMODITIES		4,612	78.7
OTHERS		1,248	21.3
TOTAL		5,861	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.39. Top Ten Imports of Goods of ASEAN from Russian Federation by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,456	45.9
72	Iron and steel	718	7.4
31	Fertilizers	649	6.7
76	Aluminium and articles thereof	181	1.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	115	1.2
88	Aircraft, spacecraft and parts thereof	97	1.0
25	Salt; sulphur; earths, stone; plastering materials, lime and cement	91	0.9
03	Fish and crustaceans, molluscs and other aquatic invertebrates	90	0.9
93	Arms and ammunition; parts and accessories thereof	78	0.8
74	Copper and articles thereof	66	0.7
TOP TEN COMMODITIES		6,541	67.4
OTHERS		3,160	32.6
TOTAL		9,700	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

2017			
HS	COMMODITIES	VALUE	SHARE
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,010	64.1
72	Iron and steel	1,207	11.0
31	Fertilizers	759	6.9
10	Cereals	595	5.4
76	Aluminium and articles thereof	206	1.9
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	135	1.2
03	Fish and crustaceans, molluscs and other aquatic invertebrates	117	1.1
40	Rubber and articles thereof	110	1.0
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	94	0.9
25	Salt; sulphur; earths, stone; plastering materials, lime and cement	82	0.8
TOP TEN COMMODITIES		10,315	94.4
OTHERS		614	5.6
TOTAL		10,930	100.0

Table 5.40. Top Ten Exports of Goods of ASEAN to USA by 2-digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	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	33,916	25.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,203	14.7
61	Apparel and clothing accessories; knitted or crocheted	11,490	8.8
62	Apparel and clothing accessories; not knitted or crocheted	7,513	5.7
64	Footwear; gaiters and the like; parts of such articles	6,046	4.6
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,890	4.5
40	Rubber and articles thereof	5,622	4.3
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	4,756	3.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,708	2.1
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,240	1.7
TOP TEN COMMODITIES		99,383	75.8
OTHERS		31,691	24.2
TOTAL		131,074	100.0

2017			
HS	COMMODITIES	VALUE	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	35,995	25.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,751	15.2
61	Apparel and clothing accessories; knitted or crocheted	12,427	8.7
62	Apparel and clothing accessories; not knitted or crocheted	7,999	5.6
40	Rubber and articles thereof	6,960	4.9
64	Footwear; gaiters and the like; parts of such articles	6,753	4.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,398	4.5
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	5,367	3.8
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,910	2.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	2,421	1.7
TOP TEN COMMODITIES		108,981	76.4
OTHERS		33,737	23.6
TOTAL		142,719	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.41. Top Ten Imports of Goods of ASEAN from USA by 2-Digit HS Code, 2016-2017

2016			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	18,460	22.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,043	19.9
88	Aircraft, spacecraft and parts thereof	6,544	8.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,708	7.1
39	Plastics and articles thereof	2,895	3.6
23	Food industries, residues and wastes thereof; prepared animal fodder	2,260	2.8
38	Chemical products n.e.c.	2,245	2.8
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	1,999	2.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,664	2.1
29	Organic chemicals	1,424	1.8
TEN MAJOR COMMODITIES		59,243	73.4
OTHERS		21,490	26.6
TOTAL		80,733	100.0

2017			
HS	COMMODITIES	VALUE	SHARE
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	20,013	21.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,301	18.9
88	Aircraft, spacecraft and parts thereof	7,705	8.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,112	6.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,771	4.1
39	Plastics and articles thereof	3,121	3.4
38	Chemical products n.e.c.	2,722	3.0
23	Food industries, residues and wastes thereof; prepared animal fodder	2,238	2.4
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,178	2.4
52	Cotton	2,068	2.3
TEN MAJOR COMMODITIES		67,228	73.4
OTHERS		24,323	26.6
TOTAL		91,551	100.0

Source:
ASEAN Secretariat

Note:
Value is in US\$ Million; Share is in %

Table 5.42. Top Ten Intra-ASEAN Trade in Goods, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To ASEAN (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From ASEAN (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	69,996	343,857	20.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	63,582	181,992	34.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	59,908	140,354	42.7	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	63,175	295,942	21.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	35,364	144,977	24.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	27,278	150,976	18.1
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,231	45,152	31.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	14,967	44,200	33.9
39	Plastics and articles thereof	13,562	41,645	32.6	39	Plastics and articles thereof	11,314	49,282	23.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,883	41,902	23.6	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	6,437	41,424	15.5
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,681	42,541	15.7	29	Organic chemicals	6,198	24,361	25.4
29	Organic chemicals	6,334	28,086	22.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,369	35,011	15.3
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,711	39,320	12.0	15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,414	5,802	76.1
40	Rubber and articles thereof	4,587	38,285	12.0	40	Rubber and articles thereof	4,194	13,165	31.9
TOP TEN EXPORTS		225,256	906,119	24.9	TOP TEN IMPORTS		206,929	842,154	24.6
OTHERS		85,496	416,067	20.5	OTHERS		72,546	409,948	17.7
TOTAL EXPORTS		310,752	1,322,186	23.5	TOTAL IMPORTS		279,475	1,252,102	22.3

Source:
ASEAN Secretariat

Table 5.43. Top-Ten Traded Goods between Australia and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To Australia (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From Australia (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,040	140,354	5.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,737	181,992	3.2
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	6,219	45,152	13.8	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,554	41,424	6.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,920	144,977	2.7	10	Cereals	2,421	9,729	24.9
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	3,090	343,857	0.9	26	Ores, slag and ash	1,284	5,648	22.7
39	Plastics and articles thereof	1,322	41,645	3.2	02	Meat and edible meat offal	980	4,038	24.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	799	42,541	1.9	74	Copper and articles thereof	941	13,391	7.0
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	724	41,902	1.7	01	Animals; live	828	1,334	62.1
21	Miscellaneous edible preparations	656	7,185	9.1	76	Aluminium and articles thereof	815	12,468	6.5
40	Rubber and articles thereof	570	38,285	1.5	28	Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes	774	8,930	8.7
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	535	13,158	4.1	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	604	150,976	0.4
TOP TEN EXPORTS		25,874	859,056	3.0	TOP TEN IMPORTS		16,938	429,930	3.9
OTHERS		8,684	463,130	1.9	OTHERS		7,645	822,172	0.9
TOTAL EXPORTS		34,557	1,322,186	2.6	TOTAL IMPORTS		24,583	1,252,102	2.0

Source:
ASEAN Secretariat

Table 5.44. Top Ten Traded Goods between Canada and ASEAN, 2017

Exports					Imports				
HS	Commodities	To Canada (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Canada (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,538	343,857	0.4	10	Cereals	799	9,729	8.2
61	Apparel and clothing accessories; knitted or crocheted	996	26,623	3.7	31	Fertilizers	659	6,849	9.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	718	144,977	0.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	632	150,976	0.4
62	Apparel and clothing accessories; not knitted or crocheted	464	21,533	2.2	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	563	3,428	16.4
40	Rubber and articles thereof	439	38,285	1.1	88	Aircraft, spacecraft and parts thereof	453	17,659	2.6
64	Footwear; gaiters and the like; parts of such articles	424	22,656	1.9	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	371	295,942	0.1
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	306	10,063	3.0	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	193	4,822	4.0
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	286	13,158	2.2	44	Wood and articles of wood; wood charcoal	193	4,804	4.0
03	Fish and crustaceans, molluscs and other aquatic invertebrates	247	13,567	1.8	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	181	35,011	0.5
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	156	45,152	0.3	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	170	181,992	0.1
Top Ten Exports		5,572	679,872	0.8	Top Ten Imports		4,212	711,211	0.6
Others		2,262	642,314	0.4	Others		1,771	540,891	0.3
Total Exports		7,834	1,322,186	0.6	Total Imports		5,983	1,252,102	0.5

Source:
ASEAN Secretariat

Table 5.45. Top Ten Traded Goods between China and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To China (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From China (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	50,837	343,857	14.8	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	77,613	295,942	26.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	22,383	140,354	15.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	42,298	150,976	28.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	14,681	144,977	10.1	72	Iron and steel	13,433	42,239	31.8
40	Rubber and articles thereof	11,404	38,285	29.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	10,866	181,992	6.0
39	Plastics and articles thereof	9,770	41,645	23.5	39	Plastics and articles thereof	9,794	49,282	19.9
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	8,645	42,541	20.3	73	Iron or steel articles	8,088	21,405	37.8
29	Organic chemicals	6,166	28,086	22.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,538	44,200	12.5
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,234	41,902	12.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,067	35,011	14.5
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	4,799	39,320	12.2	29	Organic chemicals	4,965	24,361	20.4
08	Fruit and nuts, edible; peel of citrus fruit or melons	4,278	11,459	37.3	60	Fabrics; knitted or crocheted	4,692	9,112	51.5
TOP TEN EXPORTS		138,197	872,425	15.8	TOP TEN IMPORTS		182,353	854,519	21.3
OTHERS		48,278	449,761	10.7	OTHERS		72,181	397,584	18.2
TOTAL EXPORTS		186,475	1,322,186	14.1	TOTAL IMPORTS		254,534	1,252,102	20.3

Source:
ASEAN Secretariat

Table 5.46. Top Ten Traded Goods between EU-28 and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To EU (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From EU (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	42,848	343,857	12.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,006	150,976	13.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,554	144,977	14.2	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	15,309	295,942	5.2
29	Organic chemicals	7,271	28,086	25.9	88	Aircraft, spacecraft and parts thereof	6,587	17,659	37.3
64	Footwear; gaiters and the like; parts of such articles	6,951	22,656	30.7	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	5,474	44,200	12.4
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,986	42,541	14.1	30	Pharmaceutical products	5,428	11,617	46.7
61	Apparel and clothing accessories; knitted or crocheted	5,860	26,623	22.0	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	5,184	35,011	14.8
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	5,686	39,320	14.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,597	181,992	2.5
62	Apparel and clothing accessories; not knitted or crocheted	5,100	21,533	23.7	39	Plastics and articles thereof	2,682	49,282	5.4
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	4,882	45,152	10.8	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,666	8,641	30.8
40	Rubber and articles thereof	4,701	38,285	12.3	29	Organic chemicals	2,203	24,361	9.0
TOP TEN EXPORTS		109,838	753,029	14.6	TOP TEN IMPORTS		71,135	819,679	8.7
OTHERS		48,171	569,157	8.5	OTHERS		32,258	432,423	7.5
TOTAL EXPORTS		158,009	1,322,186	12.0	TOTAL IMPORTS		103,393	1,252,102	8.3

Source:
ASEAN Secretariat

Table 5.47. Top Ten Traded Goods between India and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To India (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From India (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,510	140,354	5.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,234	181,992	4.0
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	6,554	39,320	16.7	72	Iron and steel	2,351	42,239	5.6
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	6,049	343,857	1.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,897	150,976	1.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,227	144,977	2.9	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,728	41,424	4.2
29	Organic chemicals	2,366	28,086	8.4	29	Organic chemicals	1,489	24,361	6.1
39	Plastics and articles thereof	2,198	41,645	5.3	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	1,234	44,200	2.8
71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,495	41,902	3.6	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,077	295,942	0.4
74	Copper and articles thereof	1,428	11,497	12.4	30	Pharmaceutical products	903	11,617	7.8
40	Rubber and articles thereof	1,150	38,285	3.0	02	Meat and edible meat offal	781	4,038	19.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	992	42,541	2.3	03	Fish and crustaceans, molluscs and other aquatic invertebrates	713	6,935	10.3
TOP TEN EXPORTS		33,969	872,463	3.9	TOP TEN IMPORTS		19,407	803,723	2.4
OTHERS		11,362	449,723	2.5	OTHERS		8,892	448,379	2.0
TOTAL EXPORTS		45,331	1,322,186	3.4	TOTAL IMPORTS		28,299	1,252,102	2.3

Source:
ASEAN Secretariat

Table 5.48. Top Ten Traded Goods between Japan and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To Japan (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	To Japan (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	24,492	343,857	7.1	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	25,246	295,942	8.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	14,056	140,354	10.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,421	150,976	14.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	10,087	144,977	7.0	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	11,995	44,200	27.1
39	Plastics and articles thereof	4,084	41,645	9.8	72	Iron and steel	9,148	42,239	21.7
44	Wood and articles of wood; wood charcoal	3,673	14,786	24.8	39	Plastics and articles thereof	5,742	49,282	11.7
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	3,642	42,541	8.6	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,520	35,011	12.9
62	Apparel and clothing accessories; not knitted or crocheted	2,835	21,533	13.2	71	Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,952	41,424	9.5
61	Apparel and clothing accessories; knitted or crocheted	2,777	26,623	10.4	73	Iron or steel articles	3,832	21,405	17.9
16	Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof	2,731	10,063	27.1	32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints, varnishes; putty, other mastics; inks	2,794	11,747	23.8
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,584	45,152	5.7	74	Copper and articles thereof	2,302	13,391	17.2
TOP TEN EXPORTS		70,961	831,531	8.5	TOP TEN IMPORTS		90,953	705,617	12.9
OTHERS		34,831	490,655	7.1	OTHERS		22,513	546,485	4.1
TOTAL EXPORTS		105,792	1,322,186	8.0	TOTAL IMPORTS		113,466	1,252,102	9.1

Source:
ASEAN Secretariat

Table 5.49. Top Ten Traded Goods between Republic of Korea and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To ROK (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From ROK (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	16,636	343,857	4.8	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	41,997	295,942	14.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,687	140,354	5.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	9,236	150,976	6.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,863	144,977	4.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,679	181,992	4.8
62	Apparel and clothing accessories; not knitted or crocheted	2,168	21,533	10.1	39	Plastics and articles thereof	5,486	49,282	11.1
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	1,935	42,541	4.5	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	4,923	35,011	14.1
44	Wood and articles of wood; wood charcoal	1,325	14,786	9.0	72	Iron and steel	4,481	42,239	10.6
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	1,291	10,301	12.5	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	2,085	44,200	4.7
61	Apparel and clothing accessories; knitted or crocheted	1,149	26,623	4.3	40	Rubber and articles thereof	1,624	13,165	12.3
38	Chemical products n.e.c.	1,081	16,049	6.7	73	Iron or steel articles	1,425	21,405	6.7
40	Rubber and articles thereof	1,038	38,285	2.7	74	Copper and articles thereof	1,405	13,391	10.5
TOP TEN EXPORTS		40,172	799,305	5.0	TOP TEN IMPORTS		81,340	847,603	9.6
OTHERS		14,859	522,881	2.8	OTHERS		17,308	404,499	4.3
TOTAL EXPORTS		55,031	1,322,186	4.2	TOTAL IMPORTS		98,648	1,252,102	7.9

Source:
ASEAN Secretariat

Table 5.50. Top Ten Traded Goods between New Zealand and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To New Zealand (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	From New Zealand (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,194	140,354	0.9	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	2,005	5,160	38.9
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	989	45,152	2.2	02	Meat and edible meat offal	224	4,038	5.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	543	144,977	0.4	44	Wood and articles of wood; wood charcoal	183	4,804	3.8
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	509	343,857	0.1	47	Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	177	3,428	5.2
39	Plastics and articles thereof	306	41,645	0.7	08	Fruit and nuts, edible; peel of citrus fruit or melons	169	7,351	2.3
23	Food industries, residues and wastes thereof; prepared animal fodder	206	3,569	5.8	97	Works of art; collectors' pieces and antiques	148	759	19.5
21	Miscellaneous edible preparations	105	7,185	1.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	126	181,992	0.1
88	Aircraft, spacecraft and parts thereof	99	11,752	0.8	35	Albuminoidal substances; modified starches; glues; enzymes	84	2,382	3.5
40	Rubber and articles thereof	96	38,285	0.3	19	Preparations of cereals, flour, starch or milk; pastrycooks' products	79	3,495	2.3
48	Paper and paperboard; articles of paper pulp, of paper or paperboard	93	8,801	1.1	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	73	10,773	0.7
TOP TEN EXPORTS		4,140	785,578	0.5	TOP TEN IMPORTS		3,268	224,182	1.5
OTHERS		1,321	536,608	0.2	OTHERS		795	1,027,920	0.1
TOTAL EXPORTS		5,461	1,322,186	0.4	TOTAL IMPORTS		4,063	1,252,102	0.3

Source:
ASEAN Secretariat

Table 5.51. Top Ten Traded Goods between Russian Federation and ASEAN, 2017

EXPORTS					IMPORTS				
HS	COMMODITIES	To Russia (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	To Russia (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	1,889	343,857	0.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,010	181,992	3.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	666	144,977	0.5	72	Iron and steel	1,207	42,239	2.9
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	580	39,320	1.5	31	Fertilizers	759	6,849	11.1
09	Coffee, tea, mate and spices	447	6,746	6.6	10	Cereals	595	9,729	6.1
40	Rubber and articles thereof	264	38,285	0.7	76	Aluminium and articles thereof	206	12,468	1.7
64	Footwear; gaiters and the like; parts of such articles	229	22,656	1.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	135	295,942	0.0
87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	169	45,152	0.4	03	Fish and crustaceans, molluscs and other aquatic invertebrates	117	6,935	1.7
03	Fish and crustaceans, molluscs and other aquatic invertebrates	138	13,567	1.0	40	Rubber and articles thereof	110	13,165	0.8
61	Apparel and clothing accessories; knitted or crocheted	115	26,623	0.4	48	Paper and paperboard; articles of paper pulp, of paper or paperboard	94	10,773	0.9
89	Ships, boats and floating structures	114	5,126	2.2	25	Salt; sulphur; earths, stone; plastering materials, lime and cement	82	3,895	2.1
TOP TEN EXPORTS		4,612	686,309	0.7	TOP TEN IMPORTS		10,315	583,987	1.8
OTHERS		1,248	635,877	0.2	OTHERS		614	668,115	0.1
TOTAL EXPORTS		5,861	1,322,186	0.4	TOTAL IMPORTS		10,930	1,252,102	0.9

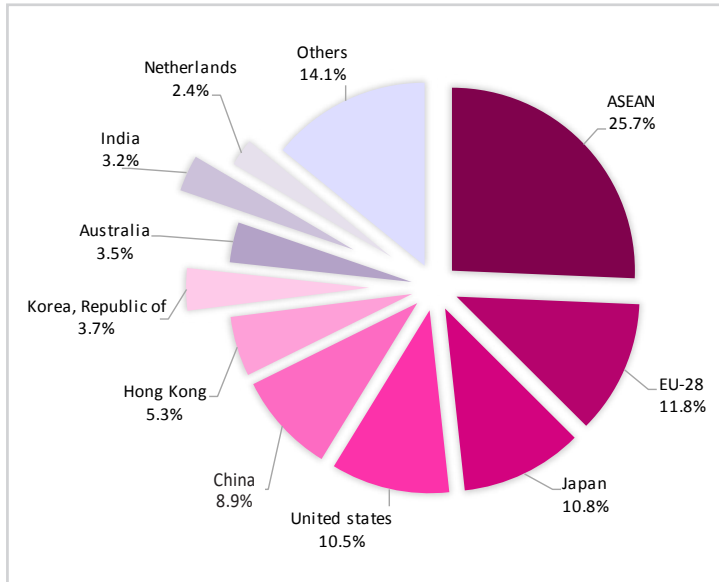
Source:
ASEAN Secretariat

Table 5.52. Top-Ten Traded Goods between USA and ASEAN, 2017

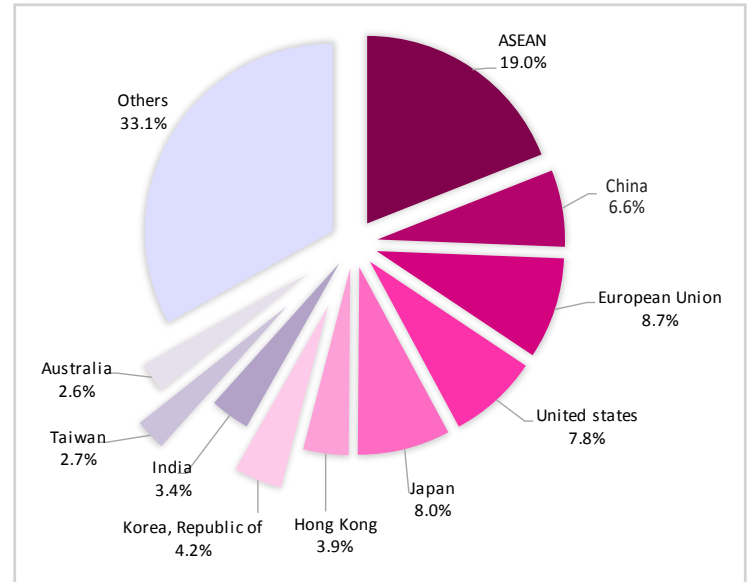
EXPORTS					IMPORTS				
HS	COMMODITIES	To USA (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	COMMODITIES	To USA (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	35,995	343,857	10.5	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	20,013	295,942	6.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,751	144,977	15.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,301	150,976	11.5
61	Apparel and clothing accessories; knitted or crocheted	12,427	26,623	46.7	88	Aircraft, spacecraft and parts thereof	7,705	17,659	43.6
62	Apparel and clothing accessories; not knitted or crocheted	7,999	21,533	37.1	90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,112	35,011	17.5
40	Rubber and articles thereof	6,960	38,285	18.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,771	181,992	2.1
64	Footwear; gaiters and the like; parts of such articles	6,753	22,656	29.8	39	Plastics and articles thereof	3,121	49,282	6.3
90	Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories	6,398	42,541	15.0	38	Chemical products n.e.c.	2,722	18,309	14.9
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings	5,367	13,158	40.8	23	Food industries, residues and wastes thereof; prepared animal fodder	2,238	11,016	20.3
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,910	13,567	21.4	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	2,178	4,822	45.2
15	Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes	2,421	39,320	6.2	52	Cotton	2,068	8,255	25.1
TOP TEN EXPORTS		108,981	706,516	15.4	TOP TEN IMPORTS		67,228	773,263	8.7
OTHERS		33,737	615,670	5.5	OTHERS		24,323	478,839	5.1
TOTAL EXPORTS		142,719	1,322,186	10.8	TOTAL IMPORTS		91,551	1,252,102	7.3

Source:
ASEAN Secretariat

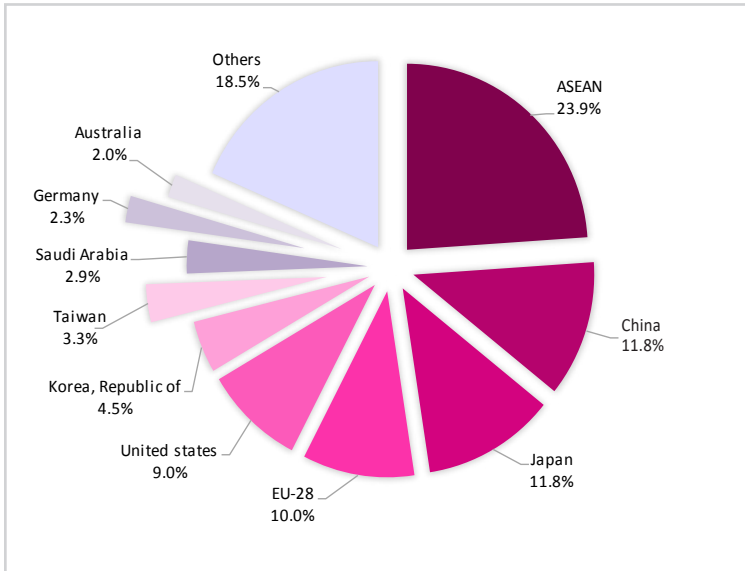
Graph 5.27. ASEAN Markets of Exports of Goods, 2008



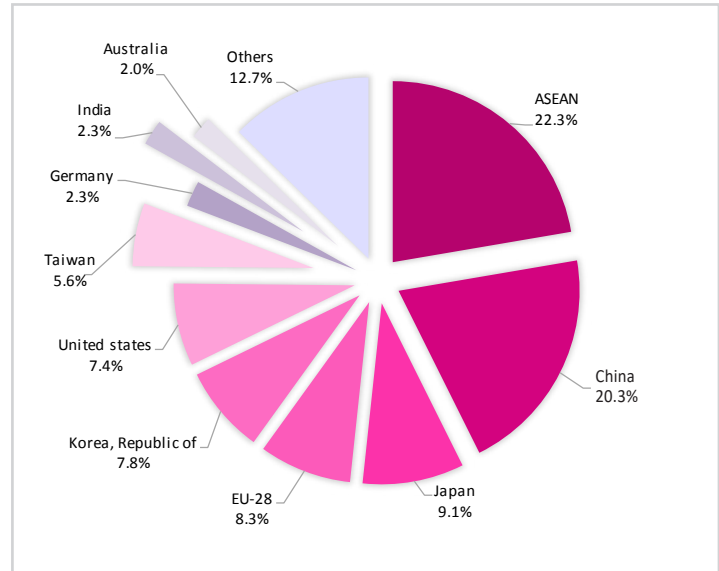
Graph 5.28. ASEAN Markets of Exports of Goods, 2017



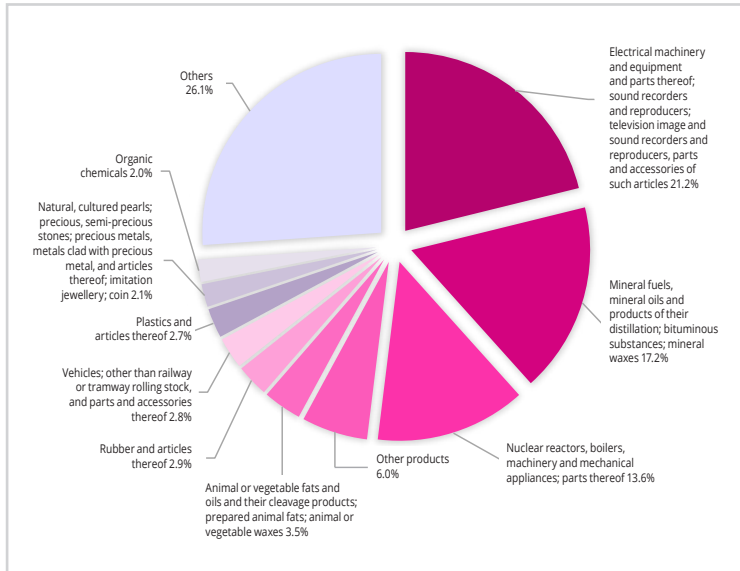
Graph 5.29. ASEAN Source of Imports of Goods, 2008



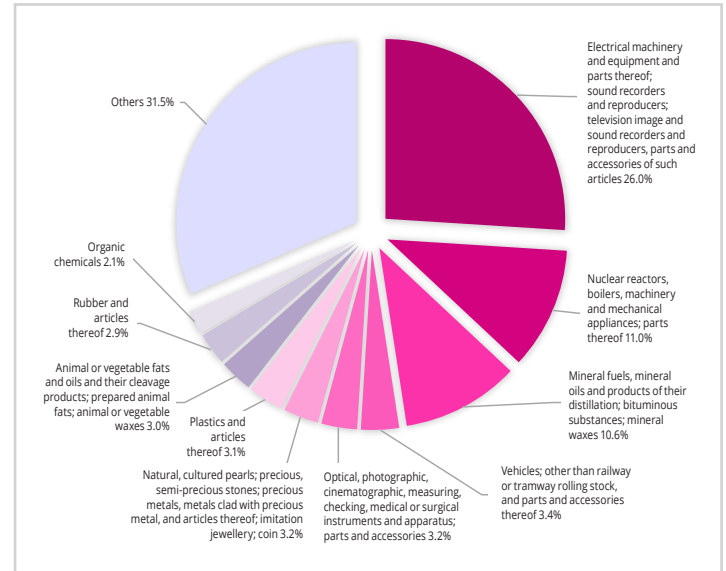
Graph 5.30. ASEAN Source of Imports of Goods, 2017



Graph 5.31. Top Ten Exports of Commodities in ASEAN, 2008

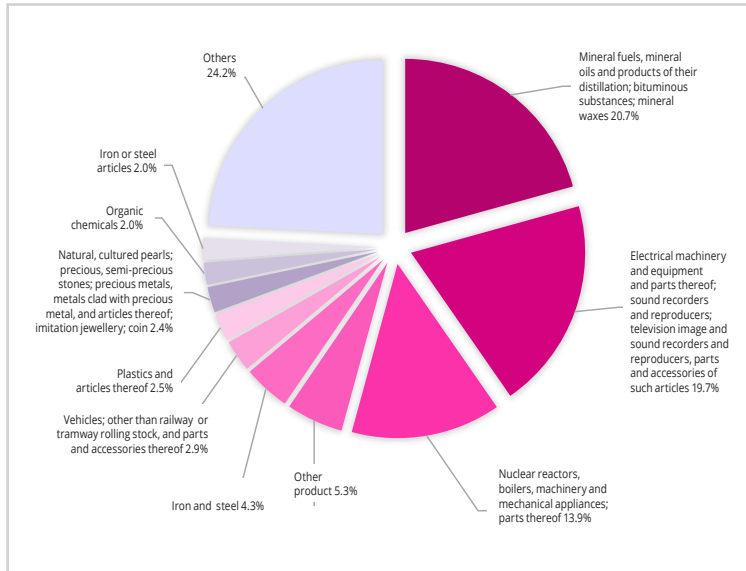


Graph 5.32. Top Ten Exports of Commodities in ASEAN, 2017

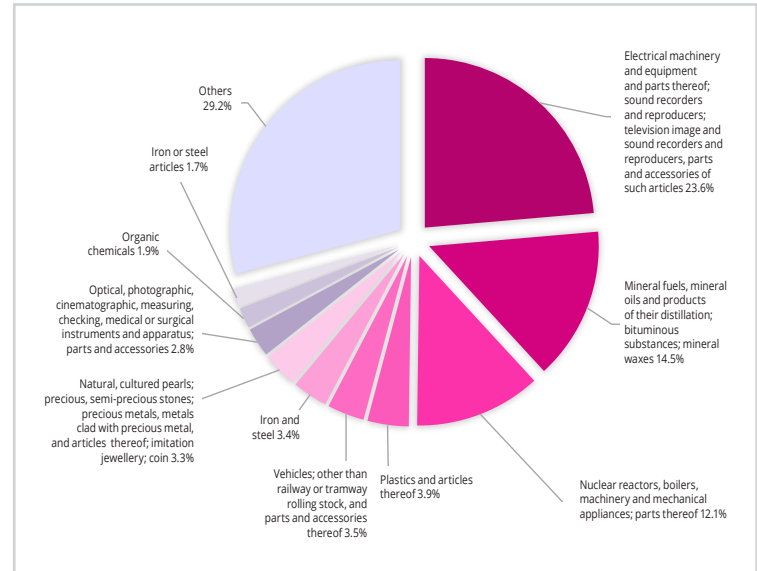


Note:
In 2-digit Harmonised System

Graph 5.33. Top Ten Imports of Goods in ASEAN, 2008



Graph 5.34. Top Ten Imports of Goods in ASEAN, 2017



Note:
In 2-digit Harmonised System

CHAPTER 6

TRADE IN SERVICES



Table 6.1. ASEAN Exports of Services^{1/}, 2008-2017

(in US\$ million)

HOST COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	448.4	386.6	460.5	500.6	482.7	492.8	557.8	650.6	530.4	551.4
Cambodia	1,750.2	1,811.9	2,028.5	2,730.1	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2
Indonesia	13,888.0	12,115.1	16,670.5	21,888.2	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	24,647.0
Lao PDR	401.6	397.3	511.0	549.7	603.3	780.6	764.4	844.1	834.9	883.9
Malaysia	31,092.3	28,013.6	33,822.8	38,879.3	40,629.4	41,981.1	41,967.3	34,847.1	35,579.8	37,010.2
Myanmar	299.6	319.4	350.7	700.9	1,040.5	1,622.8	3,127.5	3,789.9	3,798.5	3,846.0
Philippines	13,054.8	14,084.1	17,782.0	18,878.0	20,439.2	23,335.2	25,498.1	29,065.0	31,203.6	35,605.3
Singapore	89,678.8	81,828.9	100,832.2	120,073.1	129,973.9	143,250.1	155,950.6	155,252.0	157,941.2	164,706.5
Thailand	33,124.7	30,204.3	34,339.8	41,544.6	49,722.3	58,776.4	55,535.7	61,758.8	67,685.0	75,658.2
Viet Nam	6,929.0	5,747.0	7,417.0	8,653.2	9,577.0	10,664.0	11,002.0	11,195.0	12,440.0	13,025.0
ASEAN	190,667.4	174,908.1	214,215.0	254,397.7	279,320.6	307,340.8	321,745.2	323,578.1	337,369.7	360,541.6

Source:
ASEAN Secretariat

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

Table 6.2. ASEAN Imports of Services^{1/}, 2008-2017

(in US\$ million)

HOST COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1,090.8	1,078.2	1,267.3	1,817.4	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1
Cambodia	808.3	842.5	1,084.3	1,469.4	1,683.9	1,897.4	2,204.0	2,375.2	2,571.7	2,884.8
Indonesia	28,689.7	23,298.0	26,461.0	31,691.4	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,478.4
Lao PDR	189.8	135.6	263.1	321.6	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,145.3
Malaysia	30,625.5	26,830.4	31,833.5	38,402.9	43,398.3	45,016.1	45,232.3	40,129.8	40,140.1	42,315.4
Myanmar	589.1	536.9	729.2	1,100.0	1,322.8	1,475.0	2,198.7	2,398.4	2,518.8	2,881.0
Philippines	11,084.3	9,186.2	12,017.0	12,318.0	14,259.5	16,320.4	20,921.6	23,610.2	24,160.5	26,109.1
Singapore	91,186.0	84,136.2	101,212.7	119,488.2	134,453.5	150,979.1	168,412.0	166,809.4	162,487.8	170,823.0
Thailand	46,021.3	34,429.6	41,333.3	46,097.4	45,671.4	47,402.8	45,247.3	42,518.3	43,460.5	45,801.4
Viet Nam	7,923.0	8,129.0	9,857.0	11,804.0	10,995.0	13,782.0	14,958.0	15,987.0	16,735.0	17,005.0
ASEAN	218,207.9	188,602.6	226,058.4	264,510.3	289,387.4	315,802.0	336,054.8	327,482.1	325,149.4	342,691.5

Source:
ASEAN Secretariat

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

Table 6.3. ASEAN Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-1,595.2	-1,151.4	2,297.0	3,710.4	2,994.0	2,783.2	2,967.3	2,655.5	5,605.1	6,043.9
Maintenance and repair n.i.e.	6,498.0	6,659.8	6,728.1	7,871.4	7,720.1	9,114.8	8,397.2	7,654.6	7,745.8	8,058.5
Transport	57,906.6	46,552.7	56,475.5	61,611.7	63,518.0	66,167.7	71,668.6	66,481.0	62,371.1	66,785.0
Travel	59,637.9	53,611.9	68,086.9	84,586.4	95,778.7	107,777.6	108,117.2	108,638.2	116,931.1	130,452.0
Construction	3,775.8	3,148.8	3,204.6	3,741.7	4,237.5	4,657.0	3,704.1	3,114.7	2,978.0	3,016.2
Insurance and pension	2,651.3	3,162.5	4,100.6	4,667.5	4,721.3	5,008.4	5,728.9	6,962.1	6,485.8	6,956.8
Financial	12,033.7	11,595.2	13,430.7	16,805.0	17,986.9	20,486.6	22,548.0	22,779.5	23,994.6	25,408.2
Charges for the use of intellectual property n.i.e	1,143.0	1,231.5	1,193.4	1,977.1	2,194.2	3,406.9	4,012.7	9,071.2	7,649.5	8,725.0
Telecommunications, computer, and information	7,682.1	8,243.9	9,869.4	12,689.9	14,814.9	16,063.0	16,676.6	17,794.7	22,052.2	21,905.9
Other business	38,843.4	39,799.0	46,504.3	54,028.9	62,419.4	68,748.3	74,703.5	75,018.5	78,164.4	79,536.2
Personal, cultural, and recreational	754.3	739.2	882.1	1,149.7	1,274.8	1,336.4	1,554.9	1,630.0	1,598.3	1,755.2
Government goods and services, n.i.e.	1,336.5	1,314.9	1,442.4	1,558.0	1,660.3	1,790.9	1,666.2	1,778.0	1,793.8	1,898.7
TOTAL	190,667.4	174,908.1	214,215.0	254,397.7	279,320.1	307,340.8	321,745.2	323,578.1	337,369.7	360,541.6

Source:
ASEAN Secretariat

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

Table 6.4. ASEAN Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	24.3	34.4	43.8	53.2	120.5	150.5	261.1	80.3
Maintenance and repair services n.i.e.	912.1	1,102.3	1,050.8	1,249.4	1,713.9	1,782.7	1,692.5	1,955.3	2,189.2	1,823.5
Transport	87,445.2	64,462.1	78,393.6	91,208.1	94,123.0	98,195.3	104,851.2	98,351.5	93,842.7	101,933.0
Travel	39,402.7	37,344.3	46,598.4	52,088.1	58,559.7	62,623.2	67,902.1	66,330.7	68,654.1	72,375.6
Construction	4,246.2	3,734.2	3,847.9	3,534.1	4,721.9	6,564.7	6,243.7	5,889.9	5,355.2	6,278.3
Insurance and pension services	7,863.5	7,368.9	10,689.7	12,162.1	12,968.0	12,761.2	11,770.0	12,663.0	13,303.0	14,490.7
Financial Services	4,134.9	3,544.1	4,405.6	5,246.2	5,619.9	6,538.9	6,951.4	7,212.6	7,638.8	8,175.3
Charges for the use of intellectual property n.i.e	19,111.5	18,627.7	23,443.1	27,062.3	30,213.7	31,724.1	29,481.2	30,455.6	26,938.8	29,210.7
Telecommunications, computer, and information services	6,195.9	6,076.9	7,116.5	10,536.3	12,821.8	15,662.3	22,285.7	17,974.5	19,882.8	20,156.7
Other business services	46,497.7	44,030.7	47,775.1	58,467.4	65,264.6	76,297.2	81,034.5	83,309.9	83,979.3	84,782.6
Personal, cultural, and recreational services	1,125.2	968.8	996.3	1,220.3	1,550.5	1,780.6	1,935.4	1,742.6	1,628.9	1,761.4
Government goods and services, n.i.e.	1,272.9	1,342.5	1,717.0	1,701.7	1,786.6	1,818.4	1,786.7	1,445.9	1,475.5	1,623.4
TOTAL	218,207.9	188,602.6	226,058.4	264,510.3	289,387.4	315,802.0	336,054.8	327,482.1	325,149.4	342,691.5

Source:
ASEAN Secretariat

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

Table 6.5. Brunei Darussalam Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance and repair services n.i.e.	0.1	0.1	0.1	1.1	1.2	0.1	0.3	0.4	0.5	0.5
Transport	346.2	301.5	334.4	361.5	329.1	337.4	433.0	468.7	345.2	347.3
Travel	61.6	45.5	68.3	80.4	91.7	95.7	78.8	147.3	144.1	177.3
Construction	2.9	2.9	4.2	2.6	2.8	0.0	0.3	0.0	0.0	0.0
Insurance and pension services	2.1	2.1	3.1	0.0	0.0	3.0	2.0	1.6	2.9	1.6
Financial Services	0.8	0.7	1.1	3.3	3.5	15.2	1.3	1.4	1.6	0.9
Charges for the use of intellectual property n.i.e	0.5	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Telecommunications, computer, and information services	1.8	1.8	2.6	0.0	0.0	0.1	0.2	0.1	0.0	0.0
Other business services	17.6	17.1	25.0	28.9	30.4	17.3	18.2	12.5	14.4	5.3
Personal, cultural, and recreational services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Government goods and services, n.i.e.	14.8	14.4	21.0	22.8	24.0	24.0	23.7	18.6	21.7	18.5
TOTAL	448.4	386.6	460.5	500.6	482.7	492.8	557.8	650.6	530.4	551.4

Source:
ASEAN Secretariat

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

Table 6.6. Brunei Darussalam Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance and repair services n.i.e.	15.3	14.9	17.9	70.2	119.3	147.8	103.6	97.7	106.5	89.5
Transport	164.2	155.3	164.6	194.7	243.5	453.0	363.0	233.2	213.3	259.7
Travel	401.4	409.6	490.1	560.6	590.5	624.2	477.1	460.3	500.4	504.6
Construction	198.3	193.9	231.4	59.2	100.7	263.9	260.7	124.9	26.2	26.8
Insurance and pension services	16.6	16.2	19.3	3.2	5.4	13.2	13.7	10.9	12.5	8.4
Financial Services	1.7	1.7	2.0	0.0	0.1	78.0	30.7	0.7	43.7	35.2
Charges for the use of intellectual property n.i.e	19.4	18.9	22.6	1.6	2.8	17.3	9.2	13.9	37.8	17.3
Telecommunications, computer, and information services	38.8	37.9	45.3	27.0	45.9	82.8	129.3	100.0	53.6	39.8
Other business services	210.0	205.2	244.8	881.1	1,497.9	1,145.3	771.3	586.8	619.2	231.7
Personal, cultural, and recreational services	1.1	1.1	1.3	1.0	1.8	0.0	0.0	0.1	3.1	6.1
Government goods and services, n.i.e.	24.0	23.5	28.0	18.8	32.0	32.0	31.6	29.1	29.0	29.0
TOTAL	1,090.8	1,078.2	1,267.3	1,817.4	2,639.9	2,857.5	2,190.2	1,657.6	1,645.3	1,248.1

Source:
ASEAN Secretariat

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

Table 6.7. Cambodia Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	243.9	257.4	226.0	276.0	312.9	343.7	392.3	419.4	456.1	562.2
Travel	1,290.6	1,335.9	1,518.7	2,083.8	2,462.8	2,660.4	2,953.0	3,137.0	3,212.3	3,639.3
Construction	7.6	7.2	10.5	8.4	16.6	15.3	10.2	10.1	13.1	16.6
Insurance and pension services	0.4	6.6	1.0	5.4	1.4	0.6	0.5	0.2	0.4	1.6
Financial Services	6.2	0.1	3.6	26.1	19.1	19.6	25.1	33.8	8.7	7.1
Charges for the use of intellectual property n.i.e	0.5	0.0	0.3	1.0	3.8	2.4	2.7	0.6	1.5	1.0
Telecommunications, computer, and information services	41.0	43.0	83.8	71.3	66.3	57.9	74.1	86.6	73.9	66.5
Other business services	92.2	94.3	71.9	128.7	169.0	251.0	251.9	95.7	80.3	94.5
Personal, cultural, and recreational services	2.0	2.0	1.5	2.0	2.5	3.0	3.6	0.5	1.2	1.8
Government goods and services, n.i.e.	65.7	65.4	111.2	127.5	137.8	139.7	97.4	170.8	185.5	217.7
TOTAL	1,750.2	1,811.9	2,028.5	2,730.1	3,192.1	3,493.7	3,810.8	3,954.7	4,032.9	4,608.2

Source:
ASEAN Secretariat

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

Table 6.8. Cambodia Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	472.7	486.6	604.3	746.3	841.6	982.3	1,105.7	1,206.9	1,298.1	1,440.8
Travel	97.3	104.2	60.6	263.8	314.0	354.7	401.4	510.4	615.6	741.5
Construction	75.1	79.9	141.0	140.7	156.5	134.2	124.6	118.8	137.8	141.3
Insurance and pension services	44.7	41.0	134.7	162.7	195.4	219.7	252.0	271.0	284.2	320.8
Financial Services	4.2	5.5	21.1	3.9	5.5	29.3	8.6	3.1	8.2	3.5
Charges for the use of intellectual property n.i.e	6.4	8.4	6.3	10.1	11.1	11.9	20.5	12.5	10.4	12.7
Telecommunications, computer, and information services	39.2	37.7	46.6	43.9	46.0	51.6	118.8	133.8	113.0	104.5
Other business services	42.6	53.3	41.9	67.4	74.3	79.3	136.7	83.1	69.4	84.5
Personal, cultural, and recreational services	5.4	5.6	5.3	5.6	5.7	5.9	6.1	2.2	3.9	4.9
Government goods and services, n.i.e.	20.8	20.4	22.5	25.1	33.9	28.4	29.4	33.5	31.2	30.6
TOTAL	808.3	842.5	1,084.3	1,469.4	1,683.9	1,897.4	2,204.0	2,375.2	2,571.7	2,884.8

Source:
ASEAN Secretariat

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

Table 6.9. Indonesia Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-1,595.2	-1,151.4	-216.0	1,081.2	396.7	430.1	425.0	355.6	350.5	354.0
Maintenance and repair services n.i.e.	155.9	72.3	65.2	72.6	114.0	126.6	100.5	283.5	410.8	169.4
Transport	2,800.2	2,439.0	2,665.4	3,456.2	3,822.3	3,610.6	3,791.0	3,456.2	3,572.0	3,512.1
Travel	7,377.4	5,597.9	6,957.9	7,996.7	8,323.6	9,119.2	10,261.1	10,761.0	11,205.7	12,520.0
Construction	666.7	585.5	520.1	551.3	862.7	848.5	711.7	378.7	225.7	367.9
Insurance and pension services	20.3	20.7	22.2	23.3	24.1	24.9	25.7	54.2	80.2	82.7
Financial Services	385.0	216.9	387.7	450.9	225.4	254.1	222.9	247.7	336.0	639.7
Charges for the use of intellectual property n.i.e	27.2	38.1	59.6	78.8	58.1	52.0	59.6	52.1	46.7	49.8
Telecommunications, computer, and information services	1,273.8	1,156.6	1,239.7	1,657.7	1,293.8	1,040.7	1,139.9	971.1	970.4	923.8
Other business services	2,184.3	2,527.2	4,309.4	5,788.6	7,739.2	6,640.5	6,032.5	4,917.4	5,358.5	5,174.0
Personal, cultural, and recreational services	77.2	75.3	104.2	158.6	210.0	187.0	149.7	111.5	88.9	131.1
Government goods and services, n.i.e.	515.2	537.1	555.1	572.4	590.5	610.1	611.4	631.8	678.2	722.6
TOTAL	13,888.0	12,115.1	16,670.5	21,888.2	23,660.2	22,944.1	23,530.9	22,220.9	23,323.5	24,647.0

Source:
ASEAN SecretariatNote:
1/ Based on IMF Balance of Payments Manual, 6th Edition**Table 6.10. Indonesia Imports of Services^{1/}, 2008-2017**

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	225.2	256.0	224.4	196.1	572.1	374.2	476.5	623.7	764.0	347.7
Transport	13,894.6	6,522.3	8,672.7	12,149.3	12,500.9	12,539.0	11,974.5	9,601.8	9,116.2	10,335.9
Travel	5,554.3	5,316.1	6,394.5	6,255.3	6,770.5	7,674.9	7,682.0	7,292.2	7,566.4	8,288.9
Construction	749.3	798.1	592.5	497.4	631.8	853.2	660.0	452.5	133.0	186.3
Insurance and pension services	682.8	1,318.2	1,153.3	1,290.2	1,096.5	1,053.7	964.1	942.3	741.5	729.9
Financial Services	561.2	551.1	597.2	754.1	694.6	707.4	620.8	744.4	913.3	1,081.6
Charges for the use of intellectual property n.i.e	1,327.7	1,530.1	1,616.5	1,788.0	1,800.1	1,736.4	1,861.9	1,652.7	1,732.4	1,850.6
Telecommunications, computer, and information services	1,489.1	1,094.0	1,131.2	1,520.9	1,443.3	1,548.1	1,620.5	1,791.1	2,145.7	2,428.1
Other business services	3,828.8	5,525.5	5,456.1	6,492.9	7,848.1	7,671.6	6,972.1	7,587.3	7,194.1	7,057.3
Personal, cultural, and recreational services	125.9	126.2	132.7	212.5	281.0	266.5	244.1	66.8	53.0	56.8
Government goods and services, n.i.e.	250.9	260.5	489.9	534.7	585.5	589.6	464.2	162.8	47.9	115.2
TOTAL	28,689.7	23,298.0	26,461.0	31,691.4	34,224.4	35,014.6	33,540.6	30,917.5	30,407.4	32,478.4

Source:
ASEAN SecretariatNote:
1/ Based on IMF Balance of Payments Manual, 6th Edition
'-' not available at the time of publication

Table 6.11. Lao PDR Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	47.8	40.5	55.8	51.3	14.3	70.6	57.3	67.5	81.0	83.4
Travel	275.5	267.7	381.7	406.2	513.6	595.9	641.6	724.2	716.1	760.8
Construction	0.0	27.0	13.1	12.0	11.6	8.6	3.9	5.0	4.4	4.4
Insurance and pension services	8.3	10.0	11.0	24.5	3.6	44.1	11.6	10.7	0.9	2.2
Financial Services	0.0	0.0	0.0	0.6	1.3	1.3	0.8	1.3	1.4	1.6
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	27.8	28.8	27.3	31.0	34.8	40.1	38.6	34.3	29.8	25.4
Other business services	-	-	-	-	-	-	-	-	-	-
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	42.2	23.3	22.2	24.1	24.3	20.1	10.7	1.1	1.3	6.1
TOTAL	401.6	397.3	511.0	549.7	603.3	780.6	764.4	844.1	834.9	883.9

Source:

ASEAN Secretariat

Note:

^{1/} Based on IMF Balance of Payments Manual, 6th Edition

* not available at the time of publication

Table 6.12. Lao PDR Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	18.9	18.7	22.1	22.8	53.9	36.0	34.9	34.9	68.9	79.8
Travel	123.3	82.5	202.7	237.1	604.9	903.9	1,051.1	998.0	911.5	975.1
Construction	26.3	11.7	10.7	13.8	29.2	37.2	31.0	4.4	13.3	37.3
Insurance and pension services	11.3	11.0	13.2	32.2	32.9	52.9	12.3	15.0	11.4	22.8
Financial Services	0.0	0.0	0.0	1.5	0.1	0.2	0.3	6.1	0.4	0.5
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	4.4	5.8	8.9	8.5	11.5	16.6	13.5	15.4	16.9	15.4
Other business services	1.6	3.2	3.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	4.0	2.6	2.5	3.2	6.2	10.4	6.9	4.7	0.0	14.5
TOTAL	189.8	135.6	263.1	321.6	738.6	1,057.1	1,150.1	1,078.5	1,022.4	1,145.3

Source:

ASEAN Secretariat

Note:

^{1/} Based on IMF Balance of Payments Manual, 6th Edition

* not available at the time of publication

Table 6.13. Malaysia Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	2,513.0	2,629.2	2,597.3	2,353.1	2,423.5	2,151.4	2,275.7	2,495.8
Maintenance and repair services n.i.e.	289.5	242.8	214.0	294.6	265.8	314.3	368.2	373.8	362.4	419.8
Transport	7,119.1	4,672.8	4,762.8	5,063.4	4,460.8	4,651.4	4,762.4	4,190.1	4,158.6	4,496.1
Travel	15,288.2	15,601.1	17,705.6	19,670.5	20,275.5	21,430.5	22,551.6	17,584.2	18,074.8	18,322.9
Construction	1,283.1	876.6	1,008.6	1,103.5	1,177.9	1,024.8	852.7	1,033.8	997.3	946.8
Insurance and pension services	372.3	284.0	323.0	439.7	539.1	447.8	460.8	374.7	320.3	292.8
Financial Services	85.8	84.5	189.9	352.7	323.4	316.8	345.6	341.1	492.4	537.4
Charges for the use of intellectual property n.i.e	197.1	265.8	97.1	148.9	135.1	108.4	75.7	89.8	114.6	286.7
Telecommunications, computer, and information services	1,532.1	1,893.6	2,078.7	2,424.2	2,928.1	2,847.8	2,756.5	2,655.8	2,576.9	2,672.9
Other business services	4,795.5	3,946.0	4,736.1	6,502.1	7,674.0	8,190.1	7,003.4	5,571.6	5,751.4	5,977.8
Personal, cultural, and recreational services	91.5	104.4	108.7	159.2	169.0	201.5	282.5	386.3	367.5	468.0
Government goods and services, n.i.e.	38.1	42.0	85.3	91.4	83.4	94.8	84.6	94.4	87.9	93.1
TOTAL	31,092.3	28,013.6	33,822.8	38,879.3	40,629.4	41,981.1	41,967.3	34,847.1	35,579.8	37,010.2

Source:
ASEAN Secretariat

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

Table 6.14. Malaysia Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	24.3	34.4	43.8	53.2	45.0	54.1	60.8	77.6
Maintenance and repair services n.i.e.	131.7	145.2	145.4	198.6	235.7	328.9	301.7	378.1	405.3	446.1
Transport	11,562.7	9,160.1	9,972.1	11,422.9	11,605.4	12,216.1	12,706.3	10,480.0	9,813.6	11,369.9
Travel	6,735.4	6,475.6	8,111.8	10,199.5	12,229.3	12,202.2	12,417.0	10,685.9	10,477.7	10,676.7
Construction	1,420.2	1,025.5	1,151.3	1,351.2	2,402.3	2,562.7	2,645.4	2,701.0	2,946.0	3,918.3
Insurance and pension services	724.2	533.9	2,131.7	2,530.8	2,884.2	2,756.4	2,758.9	2,361.4	2,234.8	2,359.6
Financial Services	301.8	229.2	472.0	495.1	522.4	453.5	413.5	430.5	526.0	555.0
Charges for the use of intellectual property n.i.e	1,294.8	1,117.7	1,286.5	1,639.3	1,545.3	1,390.6	1,420.8	1,288.7	1,348.0	1,825.8
Telecommunications, computer, and information services	1,617.9	1,871.7	1,934.9	2,369.8	2,771.4	3,184.5	3,133.6	3,266.3	3,242.6	3,032.7
Other business services	6,148.0	5,781.2	6,082.4	7,551.0	8,335.3	8,826.9	8,229.1	7,420.1	8,066.5	6,832.2
Personal, cultural, and recreational services	474.0	275.5	283.5	347.8	605.4	877.3	970.0	815.0	770.5	803.2
Government goods and services, n.i.e.	214.8	214.7	237.7	262.6	217.8	163.9	190.9	248.7	248.3	418.3
TOTAL	30,625.5	26,830.4	31,833.5	38,402.9	43,398.3	45,016.1	45,232.3	40,129.8	40,140.1	42,315.4

Source:
ASEAN Secretariat

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

Table 6.15. Myanmar Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	118.8	148.5	253.9	427.5
Maintenance and repair services n.i.e.	-	-	-	-	-	-	57.4	141.7	175.5	24.7
Transport	132.7	144.8	151.1	212.8	214.5	232.9	411.8	356.6	287.9	168.1
Travel	64.2	63.0	78.1	329.1	551.5	926.0	1,613.3	2,122.5	2,197.2	1,968.9
Construction	5.3	11.8	9.7	15.1	0.0	0.0	131.8	82.6	63.7	207.5
Insurance and pension services	-	-	-	-	0.1	0.1	0.0	0.0	0.0	0.0
Financial Services	-	-	-	-	-	-	6.0	6.3	26.8	15.5
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	24.9	21.6	11.3	2.4
Telecommunications, computer, and information services	-	-	-	-	80.6	80.4	188.9	351.2	219.7	112.7
Other business services	68.5	65.3	79.2	112.1	142.3	316.2	515.5	429.3	403.5	804.5
Personal, cultural, and recreational services	-	-	-	-	-	-	23.6	71.7	71.4	28.1
Government goods and services, n.i.e.	28.9	34.5	32.6	31.8	51.5	67.2	35.5	57.9	87.6	86.1
TOTAL	299.6	319.4	350.7	700.9	1,040.5	1,622.8	3,127.5	3,789.9	3,798.5	3,846.0

Source:
ASEAN Secretariat

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

Table 6.16. Myanmar Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	75.5	96.4	200.3	2.7
Maintenance and repair services n.i.e.	-	-	-	-	-	-	24.5	42.5	70.9	64.9
Transport	418.8	377.1	403.8	757.6	687.3	861.4	1,357.0	1,403.7	1,357.3	1,513.5
Travel	49.4	52.4	54.6	124.2	278.1	116.2	37.4	25.3	36.6	105.0
Construction	-	-	-	-	-	-	92.6	38.6	23.5	113.7
Insurance and pension services	-	-	-	-	84.1	104.4	40.0	42.2	40.3	52.1
Financial Services	-	-	-	-	-	-	0.3	0.4	6.5	3.8
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	295.7	272.6	231.6	26.4
Telecommunications, computer, and information services	-	-	-	-	2.9	7.6	75.7	187.9	200.6	163.1
Other business services	87.0	62.6	223.9	194.2	249.2	360.3	184.8	269.8	320.1	792.2
Personal, cultural, and recreational services	15.0	20.7	10.9	0.1	0.1	0.1	7.4	16.7	13.3	24.0
Government goods and services, n.i.e.	18.9	24.1	36.0	23.9	21.1	25.0	7.8	2.3	17.8	19.6
TOTAL	589.1	536.9	729.2	1,100.0	1,322.8	1,475.0	2,198.7	2,398.4	2,518.8	2,881.0

Source:
ASEAN Secretariat

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

Table 6.17. Philippines Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	2,725.0	2,766.6
Maintenance and repair services n.i.e.	147.3	68.8	106.0	75.0	95.0	67.6	92.4	77.1	82.6	80.3
Transport	1,254.5	1,014.6	1,347.0	1,424.0	1,594.0	1,636.7	1,874.7	1,933.5	1,896.8	2,280.7
Travel	2,562.6	2,369.9	2,645.0	3,198.0	4,060.5	4,689.7	5,030.1	5,272.5	5,142.7	6,985.9
Construction	91.9	90.8	121.0	46.0	99.8	88.5	60.6	59.6	71.3	57.3
Insurance and pension services	26.0	62.9	67.0	74.0	74.4	100.7	129.0	118.6	76.7	82.5
Financial Services	133.4	153.5	116.0	104.0	100.5	84.7	189.9	414.2	394.2	489.6
Charges for the use of intellectual property n.i.e	2.6	1.5	4.0	5.0	7.6	3.0	9.8	11.2	9.5	16.9
Telecommunications, computer, and information services	1,604.0	1,897.0	2,236.0	2,769.0	3,003.2	3,335.9	3,472.4	3,460.9	5,493.2	5,761.8
Other business services	7,208.4	8,390.1	11,087.0	11,113.0	11,305.6	13,207.6	14,473.2	17,550.5	15,125.2	16,873.7
Personal, cultural, and recreational services	24.1	35.0	41.0	58.0	84.3	106.9	151.5	149.2	169.1	190.8
Government goods and services, n.i.e.	-	-	12.0	12.0	13.8	13.9	14.6	17.7	17.4	19.1
TOTAL	13,054.8	14,084.1	17,782.0	18,878.0	20,438.7	23,335.2	25,498.1	29,065.0	31,203.6	35,605.3

Source:
ASEAN Secretariat

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

Table 6.18. Philippines Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	4.9	4.9	22.0	91.0	117.1	256.3	91.2	83.2	111.7	131.8
Transport	3,107.0	2,609.6	3,321.0	3,207.0	3,610.7	3,418.6	3,869.4	3,855.8	4,338.1	4,794.7
Travel	3,788.9	3,670.9	5,487.0	5,616.0	6,548.0	7,832.8	10,597.6	11,342.6	11,135.1	11,903.6
Construction	35.5	23.6	20.0	51.0	41.9	77.2	70.0	42.4	59.8	63.4
Insurance and pension services	1,038.0	694.9	880.0	939.0	881.3	805.2	814.9	897.1	1,345.2	1,440.1
Financial Services	392.4	280.9	228.0	274.0	253.0	301.8	367.0	450.7	558.5	484.5
Charges for the use of intellectual property n.i.e	387.3	412.2	446.0	442.0	471.3	529.4	547.0	612.6	546.4	810.5
Telecommunications, computer, and information services	261.0	208.1	237.0	341.0	349.4	526.6	634.1	772.9	671.5	872.7
Other business services	1,825.1	1,017.7	1,021.0	1,014.0	1,651.6	2,267.0	3,561.2	5,110.8	4,911.1	5,126.4
Personal, cultural, and recreational services	35.1	42.4	52.0	40.0	37.0	43.6	54.5	187.3	126.1	187.7
Government goods and services, n.i.e.	209.0	221.0	303.0	303.0	298.2	262.1	314.7	254.8	356.8	293.7
TOTAL	11,084.3	9,186.2	12,017.0	12,318.0	14,259.5	16,320.4	20,921.6	23,610.2	24,160.5	26,109.1

Source:
ASEAN Secretariat

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

Table 6.19. Singapore Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	5,905.1	6,275.8	6,342.8	7,428.2	7,244.2	8,606.3	7,778.5	6,778.1	6,714.1	7,363.8
Transport	36,313.3	29,942.7	38,705.6	42,698.1	44,764.7	46,877.4	51,817.0	47,328.5	43,311.5	45,803.1
Travel	10,615.0	9,225.0	14,177.6	17,927.7	18,794.4	19,230.6	19,159.8	16,617.3	18,945.9	19,710.0
Construction	1,083.0	1,061.9	1,031.5	1,543.0	1,605.7	1,774.1	1,230.1	913.9	1,033.9	947.6
Insurance and pension services	2,009.1	2,635.0	3,536.3	3,863.7	3,630.8	4,096.4	4,959.8	6,289.2	5,880.1	6,355.0
Financial Services	11,110.8	10,735.1	12,213.6	15,206.9	16,559.7	18,871.3	21,043.7	20,973.4	21,828.5	22,786.8
Charges for the use of intellectual property n.i.e	784.2	842.4	975.7	1,661.4	1,856.8	3,176.2	3,780.4	8,807.8	7,392.9	8,277.5
Telecommunications, computer, and information services	2,598.0	2,615.4	3,543.2	4,960.6	6,715.9	7,689.4	8,059.2	9,248.0	11,635.5	11,310.7
Other business services	18,568.3	17,817.5	19,543.1	23,830.3	27,787.8	31,867.8	36,948.3	37,171.2	40,094.2	41,019.0
Personal, cultural, and recreational services	437.6	443.5	505.5	679.6	725.9	755.1	875.9	844.6	831.2	857.1
Government goods and services, n.i.e.	254.3	234.7	257.3	273.7	288.3	305.5	297.9	279.9	273.3	275.9
TOTAL	89,678.8	81,828.9	100,832.2	120,073.1	129,973.9	143,250.1	155,950.6	155,252.0	157,941.2	164,706.5

Source:

ASEAN Secretariat

Note:

^{1/} Based on IMF Balance of Payments Manual, 6th Edition^{2/} not available at the time of publication**Table 6.20. Singapore Imports of Services^{1/}, 2008-2017**

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	535.1	681.3	641.1	693.5	669.8	675.5	695.1	730.1	730.8	743.5
Transport	29,851.2	24,788.7	29,772.7	33,381.2	35,862.0	38,951.3	46,592.4	47,774.9	44,127.1	47,280.7
Travel	16,340.9	15,703.6	18,699.9	21,404.3	23,120.9	24,383.0	25,517.8	23,702.8	23,838.6	24,547.0
Construction	350.3	425.0	514.9	750.5	755.4	777.1	546.7	477.4	498.0	472.3
Insurance and pension services	2,760.2	2,802.0	4,041.2	4,531.3	4,796.0	4,809.3	4,076.0	5,536.2	6,391.9	7,080.5
Financial Services	2,520.6	2,047.9	2,562.4	3,112.4	3,228.1	3,713.9	4,324.8	4,400.3	4,446.3	4,473.5
Charges for the use of intellectual property n.i.e	13,483.3	13,227.2	16,908.7	19,963.1	22,663.4	22,889.2	20,785.2	21,873.1	18,502.8	19,831.6
Telecommunications, computer, and information services	2,393.1	2,390.0	3,238.9	5,641.1	7,529.9	9,395.1	15,609.8	10,805.6	12,586.9	12,645.0
Other business services	22,321.2	21,389.8	24,169.3	29,234.0	35,054.3	44,597.0	49,407.4	50,694.9	50,522.6	52,899.0
Personal, cultural, and recreational services	404.7	460.7	472.0	569.5	568.2	558.5	624.1	614.2	618.2	636.9
Government goods and services, n.i.e.	225.5	220.0	191.6	207.3	205.5	229.4	232.9	199.8	224.7	213.1
TOTAL	91,186.0	84,136.2	101,212.7	119,488.2	134,453.5	150,979.1	168,412.0	166,809.4	162,487.8	170,823.0

Source:

ASEAN Secretariat

Note:

^{1/} Based on IMF Balance of Payments Manual, 6th Edition^{2/} not available at the time of publication

Table 6.21. Thailand Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	7,285.0	5,664.4	5,913.5	5,830.5	5,923.5	6,144.1	5,723.3	5,743.5	5,724.1	6,873.9
Travel	18,172.8	16,056.0	20,104.1	27,184.1	33,855.3	41,779.6	38,417.8	44,922.3	48,792.4	57,477.0
Construction	614.3	472.1	472.0	441.8	440.5	817.2	612.8	533.0	462.7	358.1
Insurance and pension services	152.9	76.4	67.0	155.9	383.8	230.8	81.6	57.9	68.2	81.4
Financial Services	81.7	229.4	326.9	452.5	604.1	740.6	537.7	580.2	724.0	743.7
Charges for the use of intellectual property n.i.e	100.8	64.2	35.4	57.0	104.8	62.0	56.7	84.7	69.1	86.7
Telecommunications, computer, and information services	438.5	437.7	470.8	561.2	473.8	538.8	527.9	495.6	522.9	450.1
Other business services	5,829.6	6,861.6	6,588.2	6,477.2	7,517.1	7,995.7	9,163.5	8,919.8	10,970.6	9,221.4
Personal, cultural, and recreational services	121.9	78.9	121.2	92.1	82.6	76.9	61.1	58.1	60.1	68.3
Government goods and services, n.i.e.	327.3	263.6	240.8	292.3	336.8	390.7	353.3	363.8	290.9	297.6
TOTAL	33,124.7	30,204.3	34,339.8	41,544.6	49,722.3	58,776.4	55,535.7	61,758.8	67,685.0	75,658.2

Source:
ASEAN Secretariat

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

Table 6.22. Thailand Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	22,975.6	14,829.8	18,857.8	21,094.4	21,759.7	21,347.6	19,063.9	15,662.3	15,063.1	16,643.1
Travel	5,011.9	4,429.3	5,627.2	5,717.3	6,247.6	6,481.4	7,070.6	7,718.2	9,072.2	9,593.2
Construction	787.7	782.8	711.2	307.2	224.1	709.2	762.6	850.0	517.7	279.0
Insurance and pension services	2,112.8	1,545.8	1,835.3	2,105.7	2,118.3	2,035.4	1,818.1	1,571.9	1,441.2	1,816.6
Financial Services	123.0	274.8	328.0	388.2	741.0	794.9	705.4	690.3	647.8	1,030.8
Charges for the use of intellectual property n.i.e	2,567.1	2,247.5	3,080.5	3,121.3	3,609.7	4,593.4	3,970.8	4,121.5	3,979.5	4,280.8
Telecommunications, computer, and information services	274.1	345.9	363.3	478.1	514.5	599.5	679.3	612.3	555.2	568.4
Other business services	11,887.9	9,738.7	10,254.5	12,693.2	10,213.9	10,527.9	10,844.0	10,952.2	11,836.2	11,274.3
Personal, cultural, and recreational services	51.3	20.3	19.6	20.8	23.3	20.8	19.3	29.4	29.8	31.8
Government goods and services, n.i.e.	230.0	214.8	255.8	171.1	219.4	292.7	313.2	310.3	317.9	283.5
TOTAL	46,021.3	34,429.6	41,333.3	46,097.4	45,671.4	47,402.8	45,247.3	42,518.3	43,460.5	45,801.4

Source:
ASEAN Secretariat

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

Table 6.23. Viet Nam Exports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	2,364.0	2,075.0	2,313.7	2,238.0	2,082.0	2,263.0	2,406.0	2,517.0	2,538.0	2,658.0
Travel	3,930.0	3,050.0	4,450.0	5,710.0	6,850.0	7,250.0	7,410.0	7,350.0	8,500.0	8,890.0
Construction	21.0	13.0	14.0	18.0	20.0	80.0	90.0	98.0	106.0	110.0
Insurance and pension services	60.0	65.0	70.0	81.0	64.0	60.0	58.0	55.0	56.0	57.0
Financial Services	230.0	175.0	192.0	208.0	150.0	183.0	175.0	180.0	181.0	186.0
Charges for the use of intellectual property n.i.e	30.0	19.0	20.6	25.0	28.0	3.0	3.0	3.5	3.8	4.0
Telecommunications, computer, and information services	165.0	170.0	187.3	215.0	218.5	432.0	419.0	491.0	530.0	582.0
Other business services	79.0	80.0	64.4	48.0	54.0	262.0	297.0	350.5	366.2	366.0
Personal, cultural, and recreational services	0.0	0.0	0.0	0.2	0.5	6.0	7.0	8.0	9.0	10.0
Government goods and services, n.i.e.	50.0	100.0	105.0	110.0	110.0	125.0	137.0	142.0	150.0	162.0
TOTAL	6,929.0	5,747.0	7,417.0	8,653.2	9,577.0	10,664.0	11,002.0	11,195.0	12,440.0	13,025.0

Source:
ASEAN Secretariat

Note:
1/ Original data were based on BPM5 ; data were converted to BPM6 by ASEAN stats in agreement with the country
-' not available at the time of publication

Table 6.24. Viet Nam Imports of Services^{1/}, 2008-2017

(in US\$ million)

SERVICE HEADING	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	4,979.4	5,514.0	6,602.5	8,232.0	6,958.0	7,390.0	7,784.0	8,098.0	8,447.0	8,215.0
Travel	1,300.0	1,100.0	1,470.0	1,710.0	1,856.0	2,050.0	2,650.0	3,595.0	4,500.0	5,040.0
Construction	603.5	393.6	475.0	363.0	380.0	1,150.0	1,050.0	1,080.0	1,000.0	1,040.0
Insurance and pension services	473.0	406.0	481.0	567.0	874.0	911.0	1,020.0	1,015.0	800.0	660.0
Financial Services	230.0	153.0	195.0	217.0	175.0	460.0	480.0	486.0	488.0	507.0
Charges for the use of intellectual property n.i.e	25.5	65.6	76.0	97.0	110.0	556.0	570.0	608.0	550.0	555.0
Telecommunications, computer, and information services	78.4	85.8	110.5	106.0	107.0	250.0	271.0	289.0	297.0	287.0
Other business services	145.5	253.6	278.0	337.0	340.0	822.0	928.0	605.0	440.0	485.0
Personal, cultural, and recreational services	12.8	16.4	19.0	23.0	28.0	8.0	10.0	11.0	11.0	10.0
Government goods and services, n.i.e.	75.0	141.0	150.0	152.0	167.0	185.0	195.0	200.0	202.0	206.0
TOTAL	7,923.0	8,129.0	9,857.0	11,804.0	10,995.0	13,782.0	14,958.0	15,987.0	16,735.0	17,005.0

Source:
ASEAN Secretariat

Note:
1/ Original data were based on BPM5 ; data were converted to BPM6 by ASEAN stats in agreement with the country
-' not available at the time of publication

Table 6.25. Intra-ASEAN Exports of Services^{1/}, 2010-2017

(in US\$ million)

SERVICE HEADING	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	156.3	184.8	144.6	158.3	173.3	109.2	504.2	615.5
Maintenance and repair services n.i.e.	894.2	901.7	998.0	865.5	772.6	799.7	664.2	819.1
Transport	7,122.7	8,366.3	9,066.8	9,273.8	8,239.6	7,625.5	7,282.3	8,305.1
Travel	22,912.5	27,183.5	29,181.1	31,410.4	31,516.7	28,215.5	30,418.1	31,741.8
Construction	756.0	829.9	1,047.0	1,312.8	1,223.0	1,327.7	1,004.4	980.5
Insurance and pension services	816.6	925.7	1,435.8	1,302.3	1,645.5	1,763.1	1,575.7	1,831.7
Financial Services	1,155.1	1,254.3	1,301.3	1,483.2	1,404.7	1,501.8	1,703.6	1,817.1
Charges for the use of intellectual property n.i.e	291.3	354.8	397.0	469.9	552.8	642.1	619.9	687.5
Telecommunications, computer, and information services	1,581.3	1,967.1	2,248.9	2,476.7	2,764.8	2,971.6	2,923.9	3,071.2
Other business services	6,055.1	7,421.4	8,794.9	9,311.1	9,656.7	9,045.4	10,330.5	10,541.1
Personal, cultural, and recreational services	220.8	270.4	294.5	305.3	357.7	398.2	458.3	539.0
Government goods and services, n.i.e.	129.8	141.3	123.1	235.5	159.3	88.5	118.3	220.8
TOTAL	42,091.8	49,801.4	55,033.0	58,604.7	58,466.7	54,488.3	57,603.3	61,170.5

Source:
ASEAN Secretariat

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

Table 6.26. Intra-ASEAN Imports of Services^{1/}, 2010-2017

(in US\$ million)

SERVICE HEADING	2010	2011	2012	2013	2014	2015	2016	2017
Manufacturing services on physical inputs owned by others	19.2	27.5	35.6	44.1	92.5	109.6	193.1	44.7
Maintenance and repair services n.i.e.	127.9	147.1	233.4	306.1	249.4	339.5	267.5	284.6
Transport	9,528.7	10,930.2	10,872.8	10,991.4	11,725.0	10,923.2	9,996.9	11,478.1
Travel	16,919.9	20,304.5	24,012.4	25,648.0	26,185.1	23,588.6	21,778.7	22,735.0
Construction	536.6	611.0	1,112.0	1,389.7	1,160.3	1,053.3	844.5	807.3
Insurance and pension services	1,398.3	1,748.3	2,131.8	2,109.3	1,828.6	2,113.0	1,885.4	2,111.5
Financial Services	563.8	636.9	665.6	614.0	478.5	631.0	707.0	910.0
Charges for the use of intellectual property n.i.e	492.6	610.2	640.9	700.2	707.1	774.4	799.0	829.0
Telecommunications, computer, and information services	1,768.6	2,217.9	2,488.5	2,815.2	2,626.3	2,788.3	2,784.5	3,296.9
Other business services	7,188.4	9,102.1	9,548.3	11,310.8	10,880.9	10,996.8	11,921.0	11,800.7
Personal, cultural, and recreational services	142.7	161.0	213.3	268.3	313.9	255.0	215.0	350.2
Government goods and services, n.i.e.	125.7	79.5	126.2	148.8	208.6	120.3	213.2	190.1
TOTAL	38,812.3	46,576.2	52,080.8	56,345.8	56,456.3	53,693.0	51,605.8	54,838.0

Source:
ASEAN Secretariat

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

CHAPTER 7

____ FOREIGN DIRECT INVESTMENT (FDI)



Table 7.1. Foreign Direct Investment (FDI) Inward Flows in ASEAN by Host Country, 2008-2017

(in US\$ Million)

HOST COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	330.1	371.4	625.4	1,208.3	864.8	725.5	568.2	171.3	-150.4	460.1
Cambodia	815.2	539.0	782.6	891.7	1,557.1	1,274.9	1,726.5	1,701.0	2,279.7	2,732.2
Indonesia	9,318.1	4,876.8	13,770.2	19,241.6	19,137.9	18,443.8	21,810.4	16,642.1	3,920.7	23,063.6
Lao PDR	227.8	318.6	332.6	466.8	294.4	426.7	913.2	1,079.2	1,075.7	1,695.4
Malaysia	7,248.4	1,405.1	9,155.9	12,000.9	9,400.0	12,107.1	10,875.3	10,180.0	11,290.3	9,447.2
Myanmar ^{1/}	975.6	963.3	2,248.8	2,058.2	1,354.2	2,620.9	946.2	2,824.5	2,989.5	4,002.4
Philippines	1,544.0	1,963.0	1,298.0	1,815.9	2,797.0	3,859.8	5,814.6	5,639.2	8,279.5	10,057.4
Singapore	10,413.0	18,916.8	57,214.1	39,988.3	59,836.2	57,452.4	73,472.4	62,747.1	77,456.2	62,016.7
Thailand	8,561.6	6,411.5	14,746.7	2,473.7	12,899.0	15,936.0	4,975.5	8,927.6	2,810.2	8,045.5
Viet Nam	9,579.0	7,600.0	8,000.0	7,519.0	8,368.0	8,900.0	9,200.1	11,800.0	12,600.0	14,100.0
ASEAN	49,012.6	43,365.4	108,174.2	87,664.5	116,508.6	121,747.0	130,302.4	121,711.9	122,551.3	135,620.5
ASEAN 6	37,415.1	33,944.5	96,810.2	76,728.7	104,934.9	108,524.6	117,516.3	104,307.3	103,606.4	113,090.6
CLMV	11,597.5	9,420.9	11,363.9	10,935.8	11,573.7	13,222.5	12,786.1	17,404.6	18,944.9	22,529.9

Source:
ASEAN Secretariat

Notes:

(1) Myanmar: figures are in fiscal year which ends in March of the following calendar year,

Data for 2017 are preliminary figures,

ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore and Thailand; CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 7.2. Foreign Direct Investment (FDI) Inward Flows in ASEAN by Source Country, 2008-2017

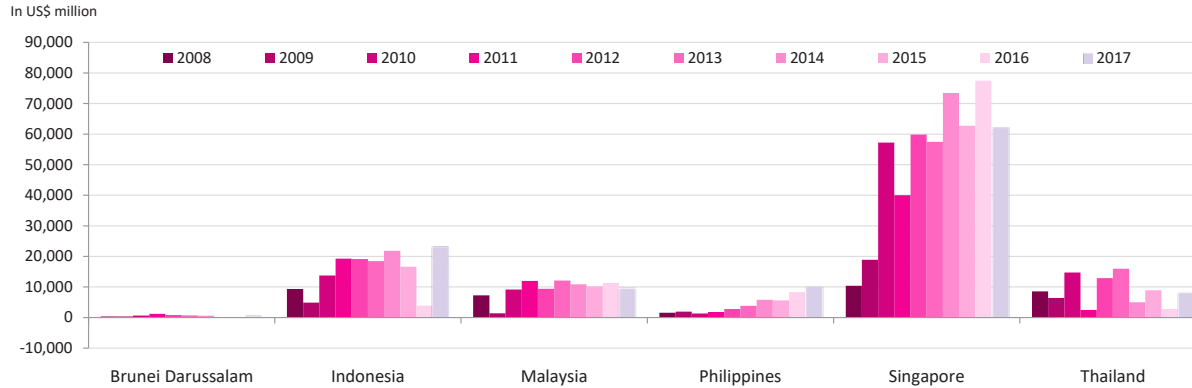
(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN^{1/}	8,987.5	8,807.8	16,306.4	15,806.3	23,385.7	18,491.5	22,314.9	20,809.9	25,894.5	26,975.0
REST OF THE WORLD	40,025.1	34,557.7	91,867.8	71,858.2	93,122.9	103,255.5	107,987.5	100,902.0	96,656.8	108,645.6
Australia	1,016.6	124.7	3,958.6	4,993.6	752.2	2,185.4	4,516.6	1,449.3	1,574.6	2,099.4
Canada	538.2	1,344.4	1,303.3	927.4	3,878.4	793.7	2,259.7	1,121.1	1,037.9	954.0
China	732.7	2,068.7	3,488.6	7,185.1	7,968.3	6,327.2	6,254.6	6,620.1	11,275.5	11,370.9
EU-28	10,408.7	5,659.9	21,145.2	24,404.9	-2,026.4	19,764.5	28,800.0	22,317.8	35,950.7	24,858.4
India	1,441.5	283.1	3,801.2	-2,060.6	7,290.0	1,829.0	2,239.4	1,476.2	-19.7	1,730.9
Japan	5,512.3	3,451.1	12,987.0	7,798.0	14,609.3	24,744.7	13,014.0	13,314.3	13,767.4	13,414.6
Korea, Republic of	1,397.0	1,804.1	4,319.3	1,773.9	1,293.9	4,311.9	5,275.1	5,424.9	6,542.0	5,058.7
New Zealand	-45.8	-140.8	339.5	24.6	-945.9	264.1	501.8	-11.6	176.8	326.2
Russian Federation	85.5	141.5	54.5	10.1	189.1	608.0	-113.5	-24.4	63.4	47.7
USA	3,685.2	5,180.8	13,682.1	8,313.9	18,971.2	11,484.5	21,161.7	23,180.2	18,848.3	4,322.2
OTHERS^{2/}	15,253.2	14,640.2	26,788.7	18,487.3	41,142.8	30,942.6	24,078.2	26,034.2	7,439.8	44,462.7
TOTAL	49,012.6	43,365.4	108,174.2	87,664.5	116,508.6	121,747.0	130,302.4	121,711.9	122,551.3	135,620.5

Source:
ASEAN Secretariat

Notes:
 1/ Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
 2/ Includes unspecified country source for reinvested earning in Philippines and estimated extra-ASEAN for Lao PDR (2012 and 2013)
 Data for 2017 are preliminary figures

Graph 7.1. Net Foreign Direct Investment (FDI) Inward Flows in ASEAN6, 2008-2017



Graph 7.2. Net Foreign Direct Investment (FDI) Inward Flows in CLMV, 2008-2017

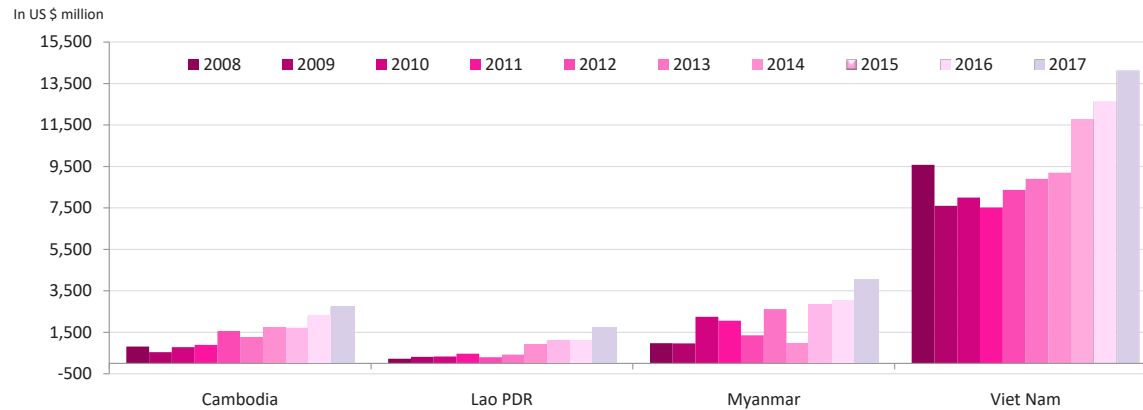


Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	82.1	133.0	-35.1	155.6	848.8	227.2	-683.0	55.3	238.4	32.6
Cambodia	8.5	-8.4	17.2	33.1	2.4	-1.6	20.4	47.1	-7.4	20.4
Indonesia	420.2	1,271.0	1,311.4	1,858.3	6,131.6	2,352.6	1,394.0	855.7	1,620.6	702.3
Lao PDR	-16.0	1.5	34.5	0.4	0.1	1.1	1.8	2.2	23.9	6.7
Malaysia	3,527.5	3,495.4	3,848.5	3,378.1	3,881.5	1,395.8	1,400.8	3,710.1	4,525.8	3,990.3
Myanmar	68.7	72.3	69.9	118.5	98.7	95.1	101.1	30.4	52.0	273.3
Philippines	8.2	-313.6	-76.7	-557.2	869.7	-335.7	518.5	855.9	317.4	374.0
Singapore	4,267.0	3,330.1	8,931.4	12,716.8	9,814.7	13,267.9	15,721.2	13,702.2	15,459.5	18,752.1
Thailand	594.0	675.7	1,764.7	-2,209.7	1,158.8	1,012.0	3,640.5	1,137.7	3,323.6	2,370.5
Viet Nam	22.4	143.9	413.6	288.3	430.6	339.7	327.1	397.5	305.7	418.6
Unspecified	4.9	6.9	27.1	23.8	154.4	129.5	-99.0	25.8	32.2	34.2
ASEAN^{1/}	8,987.5	8,807.8	16,306.4	15,806.0	23,391.3	18,483.6	22,343.6	20,819.9	25,891.7	26,975.0

Source:
ASEAN Secretariat

Notes:
1/ Excludes reinvested earnings in the Philippines and Intra – ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
Data for 2017 are preliminary figures

Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2008-2017

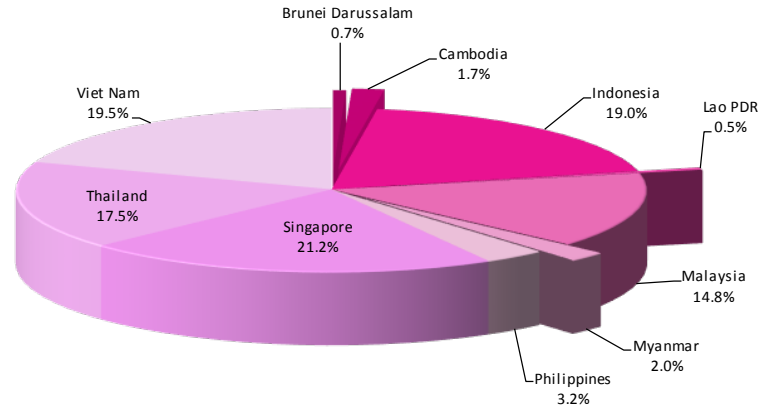
(in US\$ Million)

HOST COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.9	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7	535.3
Cambodia	240.9	174.0	349.0	223.8	523.0	298.8	372.5	425.4	635.8	603.5
Indonesia	3,398.0	1,380.1	5,904.2	8,334.5	7,587.9	8,721.1	13,083.7	9,228.6	9,907.5	11,873.4
Lao PDR	47.7	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6	171.2
Malaysia	1,645.5	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,098.7	2,165.9
Myanmar	103.5	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9	2,590.4
Philippines	307.8	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	608.3	722.2
Singapore	277.1	4,076.0	5,715.1	1,961.2	11,542.2	3,523.0	4,868.5	3,041.0	6,519.4	3,957.8
Thailand	261.2	2,685.9	2,220.9	952.2	-745.4	528.2	-940.7	433.6	2,003.4	1,824.1
Viet Nam	2,705.0	428.7	1,300.9	1,517.3	1,262.5	2,078.6	1,547.1	2,153.5	2,306.6	2,531.2
ASEAN^{1/}	8,987.5	8,807.8	16,306.4	15,806.3	23,385.7	18,491.5	22,314.9	20,809.9	25,894.5	26,975.0

Source:
ASEAN Secretariat

Notes:
1/ Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
Data for 2017 are preliminary figures

Graph 7.3. Foreign Direct Investment (FDI) in ASEAN by Host Country, 2008



Graph 7.4. Foreign Direct Investment (FDI) in ASEAN by Host Country, 2017

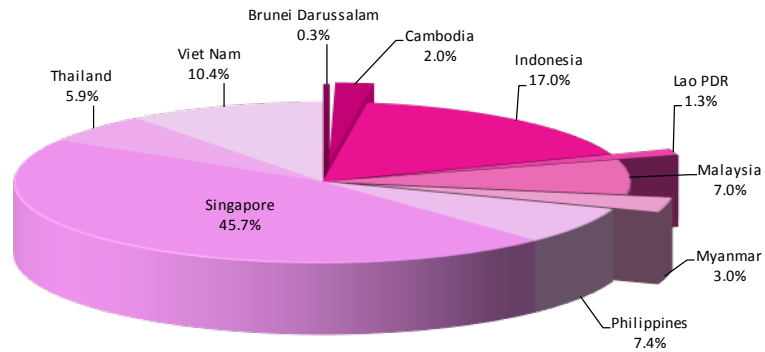


Table 7.5. Foreign Direct Investment (FDI) Inward Flows in ASEAN6 by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN^{1/}	5,890.5	8,079.9	14,495.6	13,905.6	21,375.3	14,822.7	19,573.8	15,778.5	21,072.6	21,078.7
REST OF THE WORLD	31,524.6	25,864.6	82,314.6	62,823.2	83,559.6	93,701.9	97,942.6	88,528.8	82,533.8	92,011.9
Australia	897.8	83.5	3,896.4	4,867.2	721.6	2,114.0	4,405.3	1,311.0	1,300.0	1,993.8
Canada	220.2	1,329.5	1,278.8	901.2	3,862.2	790.0	2,129.5	1,102.8	975.7	863.8
China	210.2	1,452.8	1,680.0	5,673.9	6,928.3	4,299.7	4,806.4	4,983.8	8,889.1	8,032.8
EU-28	9,169.8	5,240.2	19,167.2	23,078.6	-3,359.7	19,002.4	28,029.6	20,917.2	34,353.2	23,386.8
India	1,296.1	250.9	3,782.5	-2,080.8	7,267.9	1,814.4	2,215.6	1,393.1	-80.8	1,740.2
Japan	4,308.8	3,248.8	11,920.2	6,514.1	11,701.5	22,305.0	11,920.1	12,136.0	12,169.6	9,329.6
Korea, Republic of	302.5	1,022.0	2,935.1	882.9	474.3	2,366.9	1,897.0	1,782.3	2,652.2	1,630.8
New Zealand	-48.9	-148.6	339.3	24.5	-945.9	263.5	500.0	-17.3	167.1	324.2
Russian Federation	26.0	10.4	8.0	-54.1	105.0	176.7	-120.7	-32.1	33.1	43.2
USA	3,407.4	1,867.3	12,737.5	8,063.5	18,873.1	11,399.0	20,980.6	23,012.5	18,541.4	3,884.7
OTHERS^{2/}	11,734.7	11,507.8	24,569.5	14,952.2	37,931.4	29,170.3	21,179.3	21,939.3	3,533.3	40,782.0
TOTAL	37,415.1	33,944.5	96,810.2	76,728.7	104,934.9	108,524.6	117,516.3	104,307.3	103,606.4	113,090.6

Source:
ASEAN Secretariat

Notes:
 1/ Excludes reinvested earnings in the Philippines
 2/ Includes unspecified country source for reinvested earning in Philippines
 Data for 2017 are preliminary figures
 ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand

Table 7.6. Foreign Direct Investment (FDI) Inward Flows in CLMV by Source Country, 2008-2017

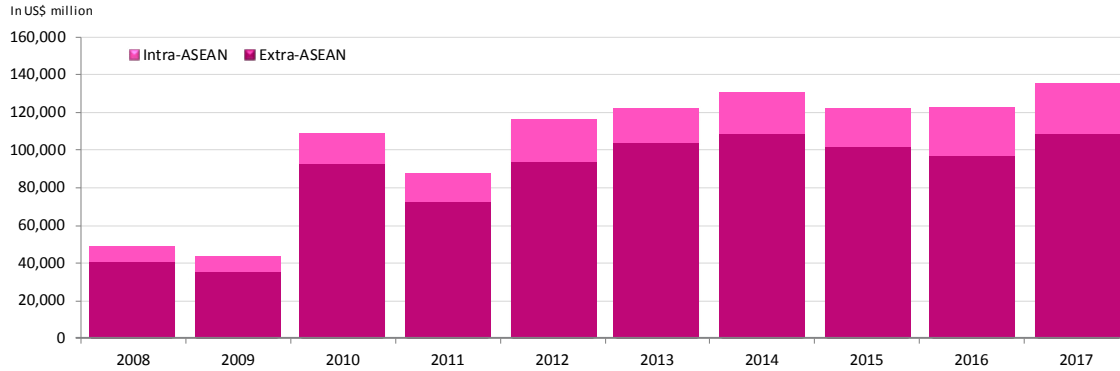
(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN ^{1/}	3,097.1	727.9	1,810.7	1,900.8	2,010.4	3,668.9	2,741.1	5,031.3	4,821.9	5,896.3
REST OF THE WORLD	8,500.4	8,693.1	9,553.2	9,035.0	9,563.3	9,553.6	10,045.0	12,373.3	14,122.9	16,633.7
Australia	118.8	41.3	62.2	126.4	30.6	71.4	111.3	138.3	274.7	105.6
Canada	318.0	14.9	24.5	26.2	16.2	3.7	130.2	18.3	62.2	90.2
China	522.5	615.8	1,808.6	1,511.2	1,040.0	2,027.5	1,448.3	1,636.2	2,386.4	3,338.1
EU-28	1,238.9	419.7	1,978.0	1,326.3	1,333.4	762.0	770.4	1,400.7	1,597.5	1,471.5
India	145.4	32.2	18.7	20.2	22.1	14.6	23.8	83.1	61.1	-9.3
Japan	1,203.5	202.3	1,066.8	1,283.8	2,907.8	2,439.8	1,093.9	1,178.3	1,597.8	4,085.0
Korea, Republic of	1,094.5	782.1	1,384.1	891.0	819.6	1,945.0	3,378.2	3,642.6	3,889.8	3,427.9
New Zealand	3.1	7.8	0.2	0.1	0.0	0.6	1.8	5.7	9.8	2.0
Russian Federation	59.5	131.0	46.5	64.2	84.0	431.2	7.2	7.7	30.3	4.5
USA	277.7	3,313.5	944.5	250.4	98.2	85.5	181.1	167.7	306.9	437.5
OTHERS ^{2/}	3,518.5	3,132.4	2,219.2	3,535.2	3,211.5	1,772.3	2,898.9	4,094.8	3,906.4	3,680.7
TOTAL	11,597.5	9,420.9	11,363.9	10,935.8	11,573.7	13,222.5	12,786.1	17,404.6	18,944.9	22,529.9

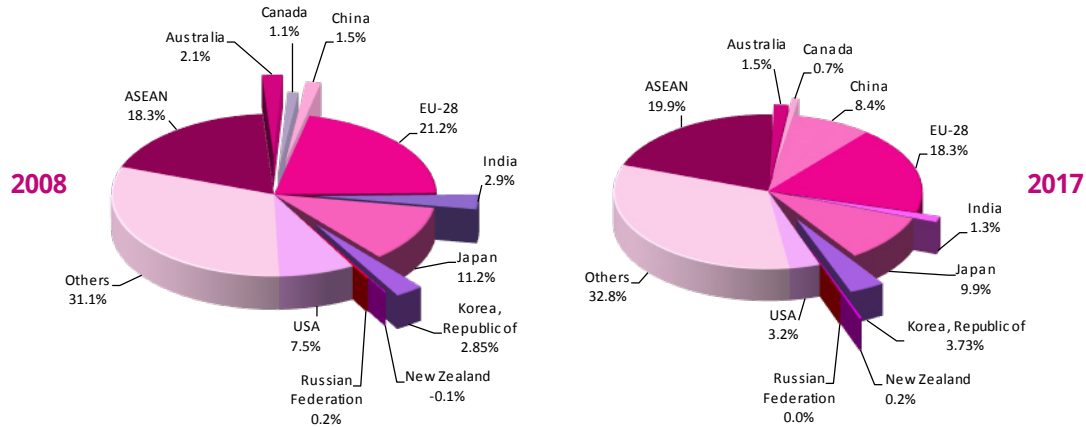
Source:
ASEAN Secretariat

Notes:
1/ Intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
2/ Includes estimated extra-ASEAN for Lao PDR (2012 and 2013)
Data for 2017 are preliminary figures
CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

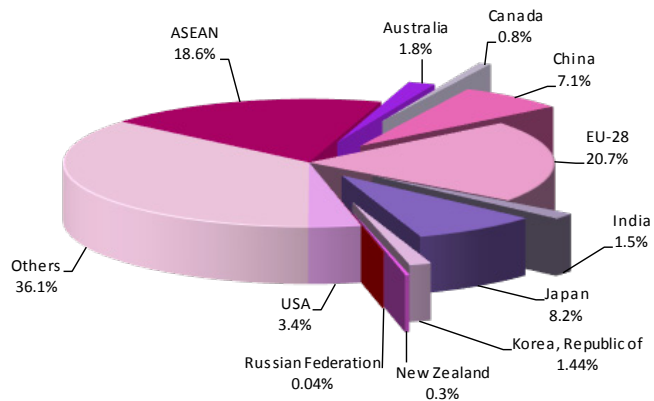
Graph 7.5. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2008-2017



Graph 7.6. Foreign Direct Investment (FDI) Inward Flows in ASEAN by Source Country



Graph 7.7. Foreign Direct Investment (FDI) Inward Flows in ASEAN6 by Source Country, 2017



Graph 7.8. Foreign Direct Investment (FDI) Inward Flows in CLMV by Source Country, 2017

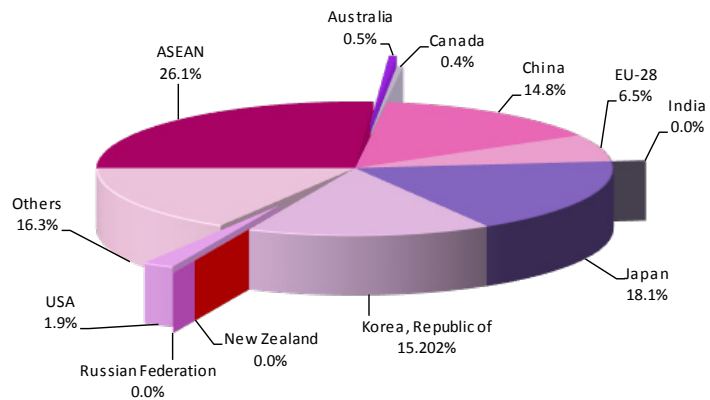


Table 7.7. Foreign Direct Investment (FDI) Inward Flows in Brunei Darussalam by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	0.9	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7	535.3
REST OF THE WORLD	329.2	368.3	535.9	1,140.8	833.3	783.5	427.0	84.7	-85.8	-75.1
Australia	0.0	0.0	2.5	1.6	4.0	0.0	0.5	-3.8	0.8	-1.0
Canada	0.0	0.0	0.0	0.0	0.8	25.6	60.7	0.5	0.7	-0.4
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EU-28	206.8	295.8	447.9	983.6	615.3	601.6	367.0	83.8	-176.0	-586.8
India	0.0	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Japan	121.1	63.5	47.6	126.5	55.6	15.8	26.6	-37.3	-3.4	-11.9
Korea, Republic of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	0.3	3.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	0.9	5.0	33.4	26.8	32.1	-5.3	-38.8	-7.1	2.2	-1.0
OTHERS	0.1	0.7	3.1	1.9	125.6	145.7	11.1	48.5	90.0	526.0
TOTAL	330.1	371.4	625.4	1,208.3	864.8	725.5	568.2	171.3	-150.4	460.1

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.8. Foreign Direct Investment (FDI) Inward Flows in Cambodia by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	240.9	174.0	349.0	223.8	523.0	298.8	372.5	425.4	635.8	603.5
REST OF THE WORLD	574.3	365.0	433.6	667.9	1,034.1	976.1	1,354.0	1,275.6	1,643.9	2,128.7
Australia	32.3	5.2	36.9	20.1	23.1	19.1	33.3	31.9	35.0	31.6
Canada	1.3	8.4	6.9	6.4	5.2	-6.8	4.5	15.0	26.4	69.1
China	76.9	97.3	126.9	179.7	367.8	286.8	553.9	537.7	501.5	618.1
EU-28	76.6	26.7	43.3	54.3	126.1	115.5	138.8	180.1	194.0	213.5
India	0.0	28.0	1.0	8.5	12.0	6.1	3.3	0.5	2.3	9.0
Japan	38.1	7.4	6.4	21.9	13.8	38.5	84.9	52.5	198.7	226.6
Korea, Republic of	202.7	98.2	46.7	138.6	161.7	178.2	106.3	72.0	139.6	177.0
New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6
Russian Federation	6.3	12.8	10.3	10.8	10.8	10.8	2.3	0.0	0.0	0.5
USA	41.3	6.0	16.2	17.2	16.1	33.9	50.3	40.6	53.4	74.4
OTHERS	98.7	75.1	138.9	210.5	297.6	294.1	376.4	345.4	492.8	708.3
TOTAL	815.2	539.0	782.6	891.7	1,557.1	1,274.9	1,726.5	1,701.0	2,279.7	2,732.2

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.9. Foreign Direct Investment (FDI) Inward Flows in Indonesia by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	3,398.0	1,380.1	5,904.2	8,334.5	7,587.9	8,721.1	13,083.7	9,228.6	9,907.5	11,873.4
REST OF THE WORLD	5,920.1	3,496.7	7,866.0	10,907.2	11,550.0	9,722.7	8,726.7	7,413.5	-5,986.8	11,190.2
Australia	398.7	262.7	894.3	486.7	115.8	222.3	187.6	-64.0	-5.9	170.5
Canada	1.3	14.7	106.5	145.6	187.4	166.4	106.5	80.6	-2.9	-30.3
China	531.0	359.2	353.6	214.9	335.1	590.8	1,068.2	323.5	354.8	1,840.8
EU-28	1,736	298.5	16.7	2,994.1	-225.9	-625.6	345.3	-1.9	1,554.4	5,533.0
India	0.9	6.0	5.7	-0.1	7.9	8.2	3.1	36.7	54.2	42.2
Japan	1,114.7	895.9	3,729.5	6,175.0	7,961.7	5,557.0	5,792.6	4,010.1	2,498.9	4,059.9
Korea, Republic of	186.2	80.5	339.9	724.5	692.0	980.8	952.8	227.6	199.4	157.6
New Zealand	0.0	0.0	0.0	-0.2	0.0	0.1	19.2	7.1	0.3	-19.8
Russian Federation	0.0	0.0	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	1.0
USA	1,039.4	159.3	571.8	-437.7	830.2	1,063.9	-1,098.1	603.0	-335.0	-2,468.7
OTHERS	881.8	1,419.9	1,848.2	604.3	1,645.8	1,759.0	1,349.5	2,190.7	-10,305.0	1,903.9
TOTAL	9,318.1	4,876.8	13,770.2	19,241.6	19,137.9	18,443.8	21,810.4	16,642.1	3,920.7	23,063.6

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.10. Foreign Direct Investment (FDI) Inward Flows in Lao PDR by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN ^{1/}	47.7	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6	171.2
REST OF THE WORLD	180.1	261.3	197.2	391.8	220.7	322.1	775.3	857.3	879.1	1,524.2
Australia	6.3	0.0	4.3	2.7	n.a	n.a	15.8	2.1	7.5	10.8
Canada	0.1	0.0	0.0	0.1	n.a	n.a	0.4	0.0	0.7	0.4
China	42.9	36.1	45.6	278.3	n.a	n.a	614.3	665.1	710.0	1,313.6
EU-28	10.0	11.0	27.5	3.1	n.a	n.a	51.2	24.5	15.7	13.2
India	0.0	3.0	0.0	0.0	n.a	n.a	0.9	2.5	4.2	6.2
Japan	9.9	13.5	8.3	12.1	n.a	n.a	2.1	75.8	44.2	70.3
Korea, Republic of	46.9	5.9	1.7	2.0	n.a	n.a	12.6	45.7	77.3	102.4
New Zealand	0.0	0.0	0.0	0.1	n.a	n.a	0.0	0.0	0.0	0.0
Russian Federation	7.0	0.9	5.2	5.4	n.a	n.a	0.0	1.4	0.9	-13.0
USA	0.2	0.0	1.2	0.0	n.a	n.a	0.2	8.9	3.2	0.2
OTHERS ^{2/}	56.7	190.8	103.4	88.1	n.a	n.a	77.9	31.4	15.3	20.1
TOTAL	227.8	318.6	332.6	466.8	294.4	426.7	913.2	1,079.2	1,075.7	1,695.4

Source:
ASEAN Secretariat

Notes:
1/ Intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat
2/ Includes estimated extra-ASEAN for Lao PDR (2012 and 2013)
Data for 2017 are preliminary figures

Table 7.11. Foreign Direct Investment (FDI) Inward Flows in Malaysia by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	1,645.5	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,098.7	2,165.9
REST OF THE WORLD	5,602.9	1,465.3	8,630.2	9,336.6	6,586.1	9,957.1	8,591.3	7,248.6	9,191.6	7,281.3
Australia	98.2	181.9	6.6	158.0	539.2	121.5	-127.0	-159.2	-131.2	-201.3
Canada	3.3	43.6	-2.3	7.2	23.7	38.9	83.2	60.1	-6.3	-8.9
China	57.3	-121.4	-6.4	-15.3	33.7	94.2	302.2	323.6	1,407.8	1,600.5
EU-28	1,017.5	2,396.1	1,979.6	2,587.3	1,521.8	1,736.8	2,984.3	1,376.9	1,409.6	2,430.0
India	-70.7	108.0	40.5	-60.7	-22.8	-26.9	6.7	-11.5	-55.7	-54.9
Japan	542.5	162.7	908.5	3,153.7	1,887.1	2,569.5	670.0	2,538.8	850.8	1,153.1
Korea, Republic of	15.7	108.4	1,460.5	142.3	-58.2	-165.0	-254.4	152.4	359.7	219.8
New Zealand	-23.1	-24.5	2.8	58.1	97.5	131.2	219.8	44.8	-1.2	62.9
Russian Federation	5.3	-3.4	-7.3	-4.3	43.6	8.8	-22.9	-24.3	-4.6	1.3
USA	1,297.4	-2,278.5	2,491.8	1,171.9	-670.5	186.9	-520.1	1,491.3	1,174.0	-1,101.1
OTHERS	2,659.6	892.4	1,755.9	2,138.5	3,190.9	5,261.2	5,249.6	1,455.8	4,188.7	3,180.0
TOTAL	7,248.4	1,405.1	9,155.9	12,000.9	9,400.0	12,107.1	10,875.3	10,180.0	11,290.3	9,447.2

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.12. Foreign Direct Investment (FDI) Inward Flows in Myanmar by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	103.5	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9	2,590.4
REST OF THE WORLD	872.1	895.5	2,223.3	1,973.6	1,203.0	1,434.1	262.6	593.8	1,306.6	1,412.0
Australia	0.0	0.0	4.4	12.4	1.7	0.1	0.2	0.0	0.7	0.6
Canada	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	2.8
China	349.5	370.7	1,520.9	670.6	482.2	792.6	70.5	52.4	205.5	554.4
EU-28	115.2	97.8	214.8	369.3	664.2	296.2	28.3	202.9	839.0	447.3
India	47.1	0.0	13.6	1.5	0.0	7.3	0.7	8.1	1.6	-98.1
Japan	0.1	0.2	0.2	2.2	31.1	36.0	37.7	95.1	16.0	207.7
Korea, Republic of	190.1	65.2	0.0	0.0	0.0	0.0	11.1	37.0	35.3	-189.2
New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Russian Federation	0.0	0.0	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0
USA	0.0	0.0	0.0	103.2	0.0	0.0	0.0	0.0	43.3	21.6
OTHERS	170.1	361.6	469.4	786.1	23.8	301.8	114.1	198.2	165.0	464.9
TOTAL	975.6	963.3	2,248.8	2,058.2	1,354.2	2,620.9	946.2	2,824.5	2,989.5	4,002.4

Source:
ASEAN Secretariat

Notes:
Myanmar: figures are in fiscal year which ends in March of the following calendar year
Data for 2017 are preliminary figures

Table 7.13. Foreign Direct Investment (FDI) Inward Flows in Philippines by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN ^{1/}	307.8	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	608.3	722.2
REST OF THE WORLD	1,236.2	1,967.9	1,257.8	1,890.0	2,651.8	3,901.5	5,677.5	5,581.9	7,671.3	9,335.2
Australia	1.1	-0.3	-12.2	-0.4	234.9	3.2	84.0	41.3	27.2	-2.6
Canada	1.0	-3.7	4.4	5.8	0.1	0.1	31.6	-3.8	15.8	-5.1
China	-0.2	-3.3	0.2	-4.1	-1.6	6.0	46.6	59.0	16.9	28.8
EU-28	500.9	-66.6	-1,482.3	-306.5	146.1	47.2	376.8	1,182.8	1,671.6	1,682.5
India	-0.4	0.0	0.0	-1.6	-0.4	-0.1	-2.8	0.9	-6.0	8.8
Japan	72.6	591.4	17.7	255.7	52.8	437.5	408.1	472.0	2,727.1	67.9
Korea, Republic of	31.2	14.5	6.5	20.6	3.7	2.4	576.5	131.2	176.6	13.0
New Zealand	0.0	0.0	0.0	0.6	-0.1	-0.3	-0.2	0.0	0.8	-0.2
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3	0.0
USA	216.5	719.7	1,294.3	577.6	870.8	-653.2	2,307.1	1,790.8	1,136.0	472.6
OTHERS ^{2/}	413.5	716.4	1,429.4	1,342.3	1,345.7	4,058.6	1,849.7	1,907.7	1,905.0	7,069.5
TOTAL	1,544.0	1,963.0	1,298.0	1,815.9	2,797.0	3,859.8	5,814.6	5,639.2	8,279.5	10,057.4

Source:
ASEAN Secretariat

Notes:
^{1/} Excludes reinvested earnings in the Philippines
^{2/} Includes unspecified country source for reinvested earning in Philippines
 Data for 2017 are preliminary figures

Table 7.14. Foreign Direct Investment (FDI) Inward Flows in Singapore by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	277.1	4,076.0	5,715.1	1,961.2	11,542.2	3,523.0	4,868.5	3,041.0	6,519.4	3,957.8
REST OF THE WORLD	10,135.9	14,840.8	51,499.0	38,027.1	48,294.0	53,929.4	68,603.9	59,706.1	70,936.8	58,058.9
Australia	359.6	-485.5	3,028.6	4,215.0	-448.9	1,423.2	4,180.7	834.9	1,367.0	1,947.6
Canada	183.2	481.5	387.6	692.5	1,298.8	429.0	946.8	724.3	891.8	1,035.9
China	-400.0	1,049.3	699.3	5,457.5	5,962.7	2,669.9	3,610.7	4,039.6	6,037.7	4,483.8
EU-28	4,212.5	1,336.0	16,928.7	15,976.7	-6,932.5	18,359.4	23,734.4	17,210.5	34,272.5	13,436.3
India	1,438.4	93.4	3,642.5	-2,051.2	7,230.8	1,773.2	2,264.2	1,370.9	-105.2	1,704.6
Japan	-599.8	0.3	2,816.9	-1,826.3	-1,962.4	2,798.0	2,591.9	2,146.1	3,109.5	804.1
Korea, Republic of	-17.6	540.6	948.0	-101.7	-294.2	832.5	374.2	1,128.6	1,889.3	1,051.7
New Zealand	-26.1	-138.9	333.1	-39.7	-1,050.3	127.7	256.4	-70.4	165.6	278.6
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	377.5	3,305.5	6,915.2	6,581.5	13,844.0	9,949.6	18,307.6	18,051.3	16,125.6	7,082.3
OTHERS	4,608.2	8,658.6	15,799.1	9,122.8	30,646.0	15,566.9	12,337.0	14,270.3	7,183.0	26,234.0
TOTAL	10,413.0	18,916.8	57,214.1	39,988.3	59,836.2	57,452.4	73,472.4	62,747.1	77,456.2	62,016.7

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.15. Foreign Direct Investment (FDI) Inward Flows in Thailand by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	261.2	2,685.9	2,220.9	952.2	-745.4	528.2	-940.7	433.6	2,003.4	1,824.1
REST OF THE WORLD	8,300.3	3,725.6	12,525.8	1,521.5	13,644.4	15,407.8	5,916.2	8,494.0	806.8	6,221.4
Australia	40.3	124.7	-23.4	6.3	276.5	343.8	79.5	661.9	42.0	80.7
Canada	31.3	793.5	782.7	50.2	2,351.5	130.0	900.7	241.2	76.5	-127.4
China	22.1	169.1	633.4	20.9	598.5	938.9	-221.3	238.1	1,071.9	78.9
EU-28	1,496.1	980.4	1,276.5	843.4	1,515.4	-1,117.0	221.7	1,065.1	-4,378.9	891.8
India	-72.1	43.5	92.4	32.5	52.3	59.9	-55.6	-3.9	31.9	39.5
Japan	3,027.6	1,535.0	4,400.0	-1,370.4	3,706.7	10,927.2	2,430.9	3,006.3	2,986.8	3,256.5
Korea, Republic of	87.1	278.1	180.2	97.2	131.1	716.3	247.9	142.6	27.2	188.8
New Zealand	0.0	11.6	3.3	5.6	7.1	4.8	4.9	1.1	1.6	2.6
Russian Federation	20.7	13.9	15.6	-49.7	61.3	167.9	-97.8	-7.8	37.4	40.9
USA	475.7	-43.8	1,431.0	143.4	3,966.5	857.2	2,023.0	1,083.1	438.6	-99.4
OTHERS	3,171.6	-180.2	3,733.8	1,742.2	977.5	2,379.0	382.4	2,066.3	471.7	1,868.5
TOTAL	8,561.6	6,411.5	14,746.7	2,473.7	12,899.0	15,936.0	4,975.5	8,927.6	2,810.2	8,045.5

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.16. Foreign Direct Investment (FDI) Inward Flows in Viet Nam by Source Country, 2008-2017

(in US\$ Million)

SOURCE COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	2,705.0	428.7	1,300.9	1,517.3	1,262.5	2,078.6	1,547.1	2,153.5	2,306.6	2,531.2
REST OF THE WORLD	6,874.0	7,171.3	6,699.1	6,001.7	7,105.5	6,821.4	7,653.0	9,646.5	10,293.4	11,568.8
Australia	80.3	36.1	16.6	91.2	5.8	52.2	62.1	104.3	231.4	62.5
Canada	316.5	6.6	17.6	19.7	11.1	10.5	125.2	3.1	35.0	17.8
China	53.1	111.7	115.1	382.6	190.0	948.2	209.6	381.0	969.4	852.0
EU-28	1,037.1	284.2	1,692.4	899.6	543.1	350.4	552.1	993.2	548.8	797.6
India	98.3	1.2	4.1	10.2	10.1	1.1	18.9	72.1	53.1	73.7
Japan	1,155.5	181.3	1,051.9	1,247.6	2,862.9	2,365.2	969.2	955.0	1,338.9	3,580.4
Korea, Republic of	654.7	612.8	1,335.7	750.4	657.9	1,766.8	3,248.2	3,488.0	3,637.6	3,337.7
New Zealand	3.1	7.8	0.2	0.0	0.0	0.6	1.8	5.7	9.6	1.4
Russian Federation	46.1	117.4	31.0	19.8	73.3	420.5	4.8	6.2	29.3	17.1
USA	236.2	3,307.4	927.1	130.0	82.1	51.6	130.5	118.1	207.0	341.4
OTHERS	3,193.1	2,505.0	1,507.5	2,450.5	2,669.3	854.3	2,330.6	3,519.8	3,233.3	2,487.3
TOTAL	9,579.0	7,600.0	8,000.0	7,519.0	8,368.0	8,900.0	9,200.1	11,800.0	12,600.0	14,100.0

Source:
ASEAN Secretariat

Notes:
Data for 2017 are preliminary figures

Table 7.17. Foreign Direct Investment (FDI) Inward Flows by Source Country/Region, 2008-2017^{1/}

(in US\$ Million)

SOURCE COUNTRY/REGION	HOST COUNTRY/REGION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ASEAN	ASEAN6	5,890.5	8,079.9	14,495.6	13,905.6	21,375.3	14,822.7	19,573.8	15,778.5	21,072.6	21,078.7
	CLMV	3,097.1	727.9	1,810.7	1,900.8	2,010.4	3,668.9	2,741.1	5,031.3	4,821.9	5,896.3
	Total	8,987.5	8,807.8	16,306.4	15,806.3	23,385.7	18,491.5	22,314.9	20,809.9	25,894.5	26,975.0
USA	ASEAN6	3,407.4	1,867.3	12,737.5	8,063.5	18,873.1	11,399.0	20,980.6	23,012.5	18,541.4	3,884.7
	CLMV	277.7	3,313.5	944.5	250.4	98.2	85.5	181.1	167.7	306.9	437.5
	Total	3,685.2	5,180.8	13,682.1	8,313.9	18,971.2	11,484.5	21,161.7	23,180.2	18,848.3	4,322.2
EU-28	ASEAN6	9,169.8	5,240.2	19,167.2	23,078.6	-3,359.7	19,002.4	28,029.6	20,917.2	34,353.2	23,386.8
	CLMV	1,238.9	419.7	1,978.0	1,326.3	1,333.4	762.0	770.4	1,400.7	1,597.5	1,471.5
	Total	10,408.7	5,659.9	21,145.2	24,404.9	-2,026.4	19,764.5	28,800.0	22,317.8	35,950.7	24,858.4
Japan	ASEAN6	4,308.8	3,248.8	11,920.2	6,514.1	11,701.5	22,305.0	11,920.1	12,136.0	12,169.6	9,329.6
	CLMV	1,203.5	202.3	1,066.8	1,283.8	2,907.8	2,439.8	1,093.9	1,178.3	1,597.8	4,085.0
	Total	5,512.3	3,451.1	12,987.0	7,798.0	14,609.3	24,744.7	13,014.0	13,314.3	13,767.4	13,414.6
China	ASEAN6	210.2	1,452.8	1,680.0	5,673.9	6,928.3	4,299.7	4,806.4	4,983.8	8,889.1	8,032.8
	CLMV	522.5	615.8	1,808.6	1,511.2	1,040.0	2,027.5	1,448.3	1,636.2	2,386.4	3,338.1
	Total	732.7	2,068.7	3,488.6	7,185.1	7,968.3	6,327.2	6,254.6	6,620.1	11,275.5	11,370.9
Korea, Republic of	ASEAN6	302.5	1,022.0	2,935.1	882.9	474.3	2,366.9	1,897.0	1,782.3	2,652.2	1,630.8
	CLMV	1,094.5	782.1	1,384.1	891.0	819.6	1,945.0	3,378.2	3,642.6	3,889.8	3,427.9
	Total	1,397.0	1,804.1	4,319.3	1,773.9	1,293.9	4,311.9	5,275.1	5,424.9	6,542.0	5,058.7
Australia	ASEAN6	897.8	83.5	3,896.4	4,867.2	721.6	2,114.0	4,405.3	1,311.0	1,300.0	1,993.8
	CLMV	118.8	41.3	62.2	126.4	30.6	71.4	111.3	138.3	274.7	105.6
	Total	1,016.6	124.7	3,958.6	4,993.6	752.2	2,185.4	4,516.6	1,449.3	1,574.6	2,099.4
India	ASEAN6	1,296.1	250.9	3,782.5	-2,080.8	7,267.9	1,814.4	2,215.6	1,393.1	-80.8	1,740.2
	CLMV	145.4	32.2	18.7	20.2	22.1	14.6	23.8	83.1	61.1	-9.3
	Total	1,441.5	283.1	3,801.2	-2,060.6	7,290.0	1,829.0	2,239.4	1,476.2	-19.7	1,730.9

Source:
ASEAN Secretariat

Notes:

Data for 2017 are preliminary figures

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

Table 7.18. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2014-2017

(in US\$ Million)

2014			2015			2016			2017		
COUNTRY	VALUE	SHARE	COUNTRY	VALUE	SHARE	COUNTRY	VALUE	SHARE	COUNTRY	VALUE	SHARE
European Union	28,800.0	22.1	United States	23,180.2	19.0	European Union	35,950.7	29.3	ASEAN	26,975.0	19.9
ASEAN	22,314.9	17.1	European Union	22,317.8	18.3	ASEAN	25,894.5	21.1	European Union	24,858.4	18.3
United States	21,161.7	16.2	ASEAN	20,809.9	17.1	United States	18,848.3	15.4	Japan	13,414.6	9.9
Japan	13,014.0	10.0	Japan	13,314.3	10.9	Japan	13,767.4	11.2	China	11,370.9	8.4
Hong Kong	8,738.4	6.7	China	6,620.1	5.4	China	11,275.5	9.2	Hong Kong	7,703.9	5.7
China	6,254.6	4.8	Korea, Republic of	5,424.9	4.5	Hong Kong	8,716.4	7.1	Korea, Republic of	5,058.7	3.7
Korea, Republic of	5,275.1	4.0	Hong Kong	2,805.8	2.3	Korea, Republic of	6,542.0	5.3	United States	4,322.2	3.2
Australia	4,516.6	3.5	Taiwan, Province of China	2,522.6	2.1	Taiwan, Province of China	3,971.9	3.2	Switzerland	2,592.4	1.9
Taiwan, Province of China	2,499.9	1.9	Switzerland	1,908.4	1.6	Switzerland	1,951.1	1.6	Taiwan, Province of China	2,263.1	1.7
Canada	2,259.7	1.7	British Virgin Islands	1,902.1	1.6	Australia	1,574.6	1.3	Australia	2,099.4	1.5
TOP TEN COUNTRIES	114,834.9	88.1	TOP TEN COUNTRIES	100,806.1	82.8	TOP TEN COUNTRIES	128,492.4	104.8	TOP TEN COUNTRIES	100,658.5	74.2
OTHERS	15,467.5	11.9	OTHERS	20,905.8	17.2	OTHERS	-5,941.1	-4.8	OTHERS	34,962.0	25.8
TOTAL	130,302.4	100.0	TOTAL	121,711.9	100.0	TOTAL	122,551.3	100.0	TOTAL	135,620.5	100.0

Source:
ASEAN Secretariat

CHAPTER 8

TRANSPORT



Table 8.1. ASEAN Road Infrastructure, 2008-2017

ROAD INFRASTRUCTURE	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Length (Km)	2008	2,736	30,652	437,759	39,546	90,467	125,400	29,650	3,330	224,859	287,700
	2009	2,753	39,618	476,337	39,547	123,021	127,900	29,898	3,360	224,493	290,700
	2010	2,763	44,919	487,314	39,586	135,478	136,749	31,242	3,380	229,431	295,100
	2011	2,869	44,919	496,607	41,032	157,167	150,816	31,359	3,410	231,216	300,848
	2012	2,909	51,422	504,184	43,601	182,699	151,298	31,598	3,430	231,790	326,000
	2013	2,936	51,404	508,000	45,825	205,949	164,969	32,227	3,453	232,196	334,845
	2014	2,976	55,026	517,753	51,596	205,787	165,723	32,526	3,496	233,175	357,222
	2015	2,999	58,000	523,974	56,330	216,834	147,822	32,633	3,500	234,073	360,216
	2016	3,049	58,946	537,838	58,885	238,823	164,028	32,770	3,512	234,754	368,779
2017	3,053	61,508	539,415	59,870	237,022	164,377	32,868	3,500	284,729	370,664	
Length of Paved Network (Km)	2008	2,271	2,342	258,744	5,126	71,875	25,553	21,677	3,325	176,875	153,771
	2009	2,317	2,661	271,230	5,434	98,368	26,333	22,469	3,356	177,996	188,083
	2010	2,339	2,852	277,755	5,427	109,625	28,569	24,127	3,377	185,168	190,150
	2011	2,467	3,881	283,102	5,703	127,517	33,014	24,834	3,412	186,503	197,682
	2012	2,707	5,474	283,102	6,496	143,012	32,535	25,443	3,426	187,207	216,000
	2013	2,743	5,619	285,252	6,888	159,784	39,076	26,773	3,453	188,348	218,000
	2014	2,783	7,576	295,968	8,272	156,692	38,423	27,816	3,496	189,166	222,000
	2015	2,805	6,550	317,119	8,830	166,054	37,119	28,919	3,500	190,077	229,791
	2016	2,857	8,800	326,629	9,044	182,198	37,663	30,010	3,512	190,805	254,340
2017	2,860	10,685	-	-	9,251	181,518	39,497	31,035	3,500	211,013	262,857

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Table 8.2. ASEAN Road Fleet, 2008- 2017

ROAD INFRASTRUCTURE	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total number of registered road motor vehicles in ('000)	2008	206	215	61,685	769	17,970	1,994	5,891	895	25,512	947
	2009	166	307	67,337	886	19,017	2,068	6,220	926	26,258	1,138
	2010	114	261	76,907	1,009	20,189	2,299	6,635	946	27,530	1,274
	2011	148	252	85,601	1,090	21,401	2,354	7,139	957	29,205	1,463
	2012	238	271	94,373	1,288	22,702	3,614	7,463	970	31,440	1,590
	2013	261	282	103,913	1,439	23,819	4,017	7,690	974	33,520	1,669
	2014	294	344	113,354	1,577	25,101	4,908	8,081	972	34,682	1,837
	2015	-	399	120,786	1,718	26,302	5,385	8,707	957	35,547	2,107
	2016	390	526	128,069	1,850	27,613	6,126	9,252	956	36,125	2,516
	2017	409	442	130,562	1,978	28,738	6,801	10,411	962	37,059	2,902
Number of public buses ('000)	2008	1.36	-	20	-	-	29	23	4	84	-
	2009	1.16	-	19	-	-	25	26	4	85	-
	2010	1.08	-	21	-	-	28	23	4	88	86
	2011	1.59	-	21	-	-	27	25	4	89	71
	2012	0.11	-	22	0.03	-	23	27	4	89	79
	2013	0.11	-	23	0.04	42	24	24	5	88	-
	2014	0.12	-	23	0.05	43	83	17	5	86	-
	2015	0.12	-	23	0.06	45	29	18	5	86	-
	2016	0.12	-	23	0.07	45	33	17	5	84	-
	2017	0.14	-	16	0.07	40	33	19	5	79	-

Table 8.2. ASEAN Road Fleet, 2008-2017 (Continued)

ROAD INFRASTRUCTURE	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Vehicles per 1000 population	2008	548	16	270	128	652	40	65	185	384	11
	2009	436	22	291	145	677	41	67	186	392	13
	2010	294	18	328	161	706	45	71	186	418	15
	2011	377	17	354	171	736	47	75	185	441	17
	2012	595	18	385	198	769	71	77	183	473	18
	2013	643	19	418	217	788	78	78	180	502	19
	2014	714	23	450	232	817	94	81	178	518	20
	2015	-	26	473	265	843	103	86	173	529	23
	2016	936	34	495	279	873	116	90	170	536	27
2017	971	28	499	293	897	127	99	171	548	31	
Number of public buses per 1000 population	2008	3.6	-	0.1	-	-	0.6	0.3	0.8	1.3	-
	2009	3.0	-	0.1	-	-	0.5	0.3	0.8	1.3	-
	2010	2.8	-	0.1	-	-	0.6	0.2	0.8	1.3	1.0
	2011	4.0	-	0.1	-	-	0.5	0.3	0.8	1.3	0.8
	2012	0.3	-	0.1	0.005	-	0.5	0.3	0.8	1.3	0.9
	2013	0.3	-	0.1	0.005	1.4	0.5	0.2	0.9	1.3	-
	2014	0.3	-	0.1	0.007	1.4	1.6	0.2	0.9	1.3	-
	2015	0.3	-	0.1	0.009	1.4	0.6	0.2	0.9	1.3	-
	2016	0.3	-	0.1	0.010	1.4	0.6	0.2	0.9	1.2	-
2017	0.3	-	0.1	0.010	1.3	0.6	0.2	0.9	1.2	-	

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Table 8.3. ASEAN Railways, 2008-2017

RAILWAYS, PASSENGER AND FREIGHT	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Route Length (Km)	2008	n.a.	652	4,782	n.a.	1,665	5,125	523	n.a.	4,043	2,577
	2009	n.a.	652	4,812	n.a.	1,665	5,301	523	n.a.	4,034	2,577
	2010	n.a.	652	4,816	3.5	1,665	5,672	529	n.a.	4,034	2,577
	2011	n.a.	652	4,827	3.5	1,641	5,844	529	n.a.	4,034	2,600
	2012	n.a.	652	4,861	3.5	1,641	5,844	529	n.a.	4,034	2,600
	2013	n.a.	650	5,107	3.5	1,641	5,959	529	n.a.	4,034	3,143
	2014	n.a.	650	5,196	3.5	1,641	6,110	529	n.a.	4,034	3,143
	2015	n.a.	650	5,334	3.5	1,641	6,110	529	n.a.	4,034	3,147
	2016	n.a.	650	5,368	3.5	1,641	6,077	529	n.a.	4,034	3,160
	2017	n.a.	650	5,551	3.5	1,833	6,112	529	n.a.	4,034	3,160
Passenger Carried ('000)	2008	n.a.	n.a.	197,774	n.a.	3,971	75,200	347,349	n.a.	47,834	11,300
	2009	n.a.	n.a.	207,131	n.a.	4,267	72,300	365,065	n.a.	47,938	11,100
	2010	n.a.	n.a.	201,930	120	4,216	68,800	381,997	n.a.	44,534	11,200
	2011	n.a.	n.a.	191,686	120	3,686	66,900	395,336	n.a.	44,054	11,900
	2012	n.a.	n.a.	202,881	340	3,056	54,800	431,196	n.a.	41,761	12,200
	2013	n.a.	n.a.	220,414	320	2,703	53,700	438,777	n.a.	37,343	12,100
	2014	n.a.	n.a.	277,683	380	2,223	49,536	435,583	n.a.	36,425	12,000
	2015	n.a.	n.a.	327,824	380	2,014	42,707	340,886	n.a.	35,127	11,200
	2016	n.a.	14	358,000	308	2,791	42,602	370,813	n.a.	33,631	9,700
	2017	n.a.	39	360,177	320	3,092	46,937	379,074	n.a.	35,433	9,400

Table 8.3. ASEAN Railways, 2008-2017 (Continued)

RAILWAYS, PASSENGER AND FREIGHT	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Passenger-Kilometer (Mn passenger-kilometer)	2008	n.a.	n.a.	19	n.a.	1,468	5,482	26,645	n.a.	8,570	4,560
	2009	n.a.	n.a.	21	n.a.	1,522	5,296	28,004	n.a.	8,578	4,138
	2010	n.a.	n.a.	20	0.4	1,529	5,336	31,404	n.a.	8,083	4,378
	2011	n.a.	n.a.	18	0.5	1,426	5,282	32,501	n.a.	7,504	4,571
	2012	n.a.	n.a.	15	0.9	1,216	3,921	35,449	n.a.	7,566	4,601
	2013	n.a.	n.a.	18	0.9	1,081	3,610	36,072	n.a.	6,784	4,417
	2014	n.a.	n.a.	15	1.2	618	3,466	35,809	n.a.	6,473	4,482
	2015	n.a.	n.a.	22	0.9	428	3,111	28,024	n.a.	6,133	4,150
	2016	n.a.	-	22	0.1	272	3,112	30,485	n.a.	6,107	3,391
	2017	n.a.	-	16	0.7	180	3,200	31,164	n.a.	6,520	3,658
Freight-Kilometer (Mn ton kilometer)	2008	n.a.	51	5.5	n.a.	1,350	905	-	n.a.	2,857	4,171
	2009	n.a.	30	5.6	n.a.	1,384	1,021	-	n.a.	2,533	3,865
	2010	n.a.	0.03	7.0	-	1,483	1,085	-	n.a.	2,582	3,961
	2011	n.a.	8	6.5	-	1,535	1,160	-	n.a.	2,455	4,162
	2012	n.a.	0	7.3	-	1,564	1,041	-	n.a.	2,342	4,023
	2013	n.a.	0	8.2	-	1,760	841	-	n.a.	2,566	3,804
	2014	n.a.	0	9.5	-	1,741	812	-	n.a.	2,295	4,312
	2015	n.a.	0	6.8	-	1,474	770	-	n.a.	2,545	4,036
	2016	n.a.	0	11.2	-	1,349	706	-	n.a.	2,647	3,209
	2017	n.a.	0	13.4	-	1,234	680	-	n.a.	2,846	3,600

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Table 8.4. Domestic Maritime: Number of Ports and Fleet, 2008-2017

MARITIME PORT AND FLEET	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Ports	2008	n.a.	7	1,895	n.a.	14	22	395	n.a.	235	n.a.
	2009	n.a.	7	1,906	n.a.	14	22	395	n.a.	212	n.a.
	2010	n.a.	7	2,187	n.a.	14	22	395	n.a.	215	n.a.
	2011	n.a.	5	2,187	n.a.	13	22	395	n.a.	216	n.a.
	2012	n.a.	5	2,187	n.a.	13	22	395	n.a.	242	n.a.
	2013	n.a.	5	2,075	n.a.	13	22	395	n.a.	242	n.a.
	2014	n.a.	5	2,150	n.a.	13	22	414	n.a.	242	n.a.
	2015	n.a.	5	-	n.a.	13	22	424	n.a.	242	n.a.
	2016	n.a.	5	1,697	n.a.	13	22	414	n.a.	242	n.a.
	2017	n.a.	5	639	n.a.	13	22	428	n.a.	246	n.a.
Domestic Passenger Traffic ('000)	2008	n.a.	-	7,198	n.a.	-	340	43,819	n.a.	13,533	511
	2009	n.a.	-	7,666	n.a.	11,462	205	43,821	n.a.	12,056	303
	2010	n.a.	-	5,097	n.a.	14,620	150	52,637	n.a.	13,985	360
	2011	n.a.	-	5,658	n.a.	14,718	85	49,434	n.a.	21,442	414
	2012	n.a.	-	6,746	n.a.	15,275	74	49,947	n.a.	22,601	1,248
	2013	n.a.	-	6,618	n.a.	16,802	123	53,833	n.a.	20,229	-
	2014	n.a.	-	6,907	n.a.	3,322	28	55,945	n.a.	20,312	-
	2015	n.a.	-	-	n.a.	5,293	12	62,670	n.a.	28,893	-
	2016	n.a.	-	-	n.a.	5,127	2	68,849	n.a.	29,679	-
	2017	n.a.	-	3,359	n.a.	5,258	2	72,292	n.a.	33,251	-

Table 8.4. Domestic Maritime: Number of Ports and Fleet, 2008-2017 (Continued)

MARITIME PORT AND FLEET	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Throughput ('000 ton)	2008	n.a.	862	242,890	n.a.	-	1,921	72,001	n.a.	29,615	42,810
	2009	n.a.	1,578	286,367	n.a.	-	1,907	71,936	n.a.	29,311	60,227
	2010	n.a.	1,578	308,990	n.a.	-	2,519	69,796	n.a.	30,457	75,500
	2011	n.a.	1,578	320,990	n.a.	-	2,421	74,171	n.a.	41,273	87,941
	2012	n.a.	1,578	355,023	n.a.	-	2,701	75,876	n.a.	44,263	79,784
	2013	n.a.	1,578	387,546	n.a.	-	2,543	77,961	n.a.	45,441	-
	2014	n.a.	1,578	408,606	n.a.	-	3,342	79,713	n.a.	46,673	-
	2015	n.a.	1,578	-	n.a.	-	3,023	89,051	n.a.	51,872	139,568
	2016	n.a.	1,578	-	n.a.	-	3,510	94,364	n.a.	50,894	160,902
	2017	n.a.	2,007	965,126	n.a.	-	4,782	101,496	n.a.	60,850	175,132

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Table 8.5. International Maritime: Number of Ports and Fleet, 2008-2017

MARITIME PORT AND FLEET	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No. of International Ports	2008	1	2	141	n.a.	10	9	170	2	7	274
	2009	1	2	141	n.a.	10	9	170	2	7	242
	2010	1	2	141	n.a.	10	9	170	2	7	250
	2011	1	3	141	n.a.	15	9	170	2	7	329
	2012	1	3	141	n.a.	15	9	170	2	7	240
	2013	1	3	136	n.a.	15	9	170	2	7	-
	2014	1	3	136	n.a.	15	9	170	2	7	-
	2015	1	3	-	n.a.	15	9	178	2	7	-
	2016	1	3	128	n.a.	15	9	190	2	8	160
	2017	1	3	85	n.a.	15	9	189	2	8	163
International Passenger Traffic ('000)	2008	n.a.	17	1,720	n.a.	2,309	5	46	-	306	-
	2009	n.a.	20	1,815	n.a.	1,998	3	51	-	348	-
	2010	239	24	1,723	n.a.	4,348	1	63	-	486	-
	2011	227	8	1,797	n.a.	3,050	7	50	-	552	-
	2012	230	20	1,933	n.a.	2,423	6	51	-	612	-
	2013	222	16	1,757	n.a.	2,750	7	35	-	495	-
	2014	203	22	1,909	n.a.	1,060	18	44	-	515	-
	2015	208	44	-	n.a.	1,965	34	92	-	451	-
	2016	197	50	-	n.a.	1,715	22	101	-	476	-
	2017	186	26	1,490	n.a.	2,100	6	145	-	452	-

Table 8.5. International Maritime: Number of Ports and Fleet, 2008-2017 (Continued)

MARITIME PORT AND FLEET	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Cargo Throughput ('000 ton)	2008	90	2,058	536,470	n.a.	414,952	12,465	73,897	515,415	147,286	136,090
	2009	86	1,874	550,955	n.a.	395,284	19,066	77,958	472,300	131,529	170,802
	2010	92	2,208	567,208	n.a.	449,787	19,798	96,598	503,342	130,316	154,154
	2011	101	2,439	580,878	n.a.	497,695	21,541	104,106	531,176	157,174	154,876
	2012	116	2,660	597,665	n.a.	500,578	24,584	117,899	538,021	178,362	173,704
	2013	112	3,012	609,088	n.a.	510,815	24,921	124,097	560,888	170,436	-
	2014	106	3,424	653,270	n.a.	541,744	27,276	135,099	581,268	183,113	-
	2015	103	3,763	-	n.a.	570,401	28,415	134,620	575,845	208,427	231,918
	2016	98	4,040	982,350	n.a.	569,120	32,550	149,393	593,297	211,894	255,473
2017	104	4,368	1,172,091	n.a.	544,711	36,240	152,063	627,688	215,869	281,486	
International Cargo Throughput ('000 TEU ^{1/})	2008	90	259	433	n.a.	16,276	227	2,524	29,918	6,680	4,152
	2009	86	208	443	n.a.	15,859	264	2,418	25,867	5,932	4,437
	2010	92	223	465	n.a.	18,174	303	2,857	28,431	6,499	5,363
	2011	101	238	525	n.a.	19,979	347	3,008	29,938	7,091	5,823
	2012	116	255	602	n.a.	20,557	408	3,147	31,649	7,056	6,519
	2013	112	286	710	n.a.	20,876	478	3,181	32,579	7,547	-
	2014	106	333	785	n.a.	22,373	617	3,353	33,869	8,119	-
	2015	103	391	-	n.a.	23,876	745	3,482	30,922	8,359	9,123
	2016	98	400	-	n.a.	24,848	1,026	3,883	30,904	8,507	10,320
2017	104	460	503	n.a.	23,784	1,048	4,173	33,667	9,090	11,497	

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

Note:
 '..' means not available at the time of publication
 n.a. not applicable
 1/ Twenty-foot Equivalent Unit - standard unit for counting containers of various capacities and describing the capacities of container ships or terminals;
 one 20 foot ISO container equals 1 TEU

Table 8.6. Domestic Civil Aviation, 2008-2017

CIVIL AVIATION	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Airports	2008	n.a.	6	190	9	19	60	75	n.a.	29	16
	2009	n.a.	5	188	9	19	30	76	n.a.	29	14
	2010	n.a.	5	233	9	19	30	76	n.a.	29	14
	2011	n.a.	5	240	9	19	30	76	n.a.	29	14
	2012	n.a.	5	245	9	19	30	75	n.a.	29	12
	2013	n.a.	5	237	9	19	30	74	n.a.	29	12
	2014	n.a.	5	237	9	19	30	74	n.a.	29	13
	2015	n.a.	5	237	9	19	30	75	n.a.	30	13
	2016	n.a.	5	267	9	19	31	75	n.a.	31	13
	2017	n.a.	5	265	9	19	31	75	n.a.	31	13
Domestic Passenger Traffic ('000)	2008	n.a.	182	37,405	263	27,354	826	24,200	n.a.	24,907	7,025
	2009	n.a.	143	43,808	243	29,235	773	29,181	n.a.	26,420	8,586
	2010	n.a.	136	51,775	283	30,791	862	33,525	n.a.	26,935	10,349
	2011	n.a.	144	60,197	311	34,239	1,381	37,848	n.a.	31,184	11,918
	2012	n.a.	172	71,421	463	35,634	1,602	43,188	n.a.	36,325	12,159
	2013	n.a.	214	75,770	447	42,984	1,775	41,322	n.a.	43,331	14,300
	2014	n.a.	299	76,498	512	45,104	1,966	41,777	n.a.	50,623	17,162
	2015	n.a.	436	76,630	495	45,931	2,097	44,184	n.a.	64,958	21,260
	2016	n.a.	423	83,308	506	47,966	2,352	48,100	n.a.	70,071	27,883
	2017	n.a.	572	96,890	810	49,740	3,201	51,528	n.a.	75,148	31,113

Table 8.6. Domestic Civil Aviation, 2008-2017 (Continued)

CIVIL AVIATION	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Traffic ('000 ton)	2008	n.a.	0,012	346	0,6	174	0,7	263	n.a.	106	90
	2009	n.a.	0,008	344	0,4	151	3,4	349	n.a.	104	100
	2010	n.a.	0	416	0,7	174	0,8	316	n.a.	121	124
	2011	n.a.	0,012	484	0,4	178	0,9	315	n.a.	131	129
	2012	n.a.	0,001	572	0,5	167	1,3	362	n.a.	130	122
	2013	n.a.	6	539	1,6	168	2,4	348	n.a.	119	130
	2014	n.a.	183	584	1,5	182	4,0	378	n.a.	114	151
	2015	n.a.	252	564	1,1	193	1,7	555	n.a.	115	171
	2016	n.a.	153	604	0,7	189	1,4	571	n.a.	119	185
	2017	n.a.	76	587	1,1	189	2,7	529	n.a.	113	167
No. of Aircraft Traffic ('000)	2008	n.a.	9	341	-	332	22	486	n.a.	234	55
	2009	n.a.	6	391	-	351	22	533	n.a.	219	67
	2010	n.a.	5	418	-	383	24	462	n.a.	239	82
	2011	n.a.	6	505	-	417	38	598	n.a.	272	102
	2012	n.a.	6	615	196	417	46	689	n.a.	368	105
	2013	n.a.	9	638	216	502	50	596	n.a.	368	-
	2014	n.a.	10	636	240	544	56	618	n.a.	417	-
	2015	n.a.	13	659	252	558	63	651	n.a.	522	-
	2016	n.a.	12	764	270	552	62	744	n.a.	602	-
	2017	n.a.	17	830	399	557	65	831	n.a.	659	-

Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Table 8.7. International Civil Aviation, 2008-2017

INDICATOR	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of International Airports	2008	1	2	27	3	6	2	10	2	6	3
	2009	1	3	27	4	6	2	9	2	6	6
	2010	1	3	29	4	6	2	9	2	6	6
	2011	1	3	29	4	6	2	9	2	6	6
	2012	1	3	29	4	6	2	10	2	6	9
	2013	1	3	29	4	6	3	11	2	6	9
	2014	1	3	29	4	6	3	11	2	6	9
	2015	1	3	29	4	6	3	11	2	6	8
	2016	1	3	29	4	6	3	11	2	6	8
2017	1	3	29	4	6	3	11	2	6	8	
International Passenger Traffic ('000)	2008	1,555	2,879	4,102	238	20,918	837	12,841	36,288	32,855	9,141
	2009	1,528	2,524	5,004	337	22,881	968	12,762	36,089	31,358	8,907
	2010	1,699	3,052	6,614	472	27,574	1,212	14,452	40,924	35,132	10,726
	2011	2,017	3,481	8,152	372	30,462	1,456	15,717	45,429	39,979	11,821
	2012	1,681	3,997	9,938	642	32,397	2,035	17,433	49,910	46,324	13,203
	2013	1,715	4,606	10,964	729	38,032	2,652	18,582	52,775	54,005	14,868
	2014	1,647	5,169	23,103	921	39,984	3,187	19,403	53,288	52,131	15,332
	2015	1,717	5,606	25,212	1,073	40,017	3,428	21,280	54,836	62,513	17,696
	2016	1,726	6,201	26,692	944	43,491	4,027	23,797	58,158	70,581	20,682
2017	1,774	7,666	31,556	1,620	49,783	4,378	26,812	61,574	78,263	25,330	
Cargo Loaded ('000 ton)	2008	7	10	42	1.7	413	6	69	905	688	134
	2009	7	7	46	0.4	354	7	69	787	609	129
	2010	1	9	80	0.4	393	9	30	872	752	186
	2011	1	10	72	0.9	375	10	28	882	714	186
	2012	3	12	91	1.0	361	7	27	853	720	217
	2013	1	17	192	0.1	356	8	28	842	664	470
	2014	1	17	206	0.6	392	9	29	839	704	313
	2015	1	18	195	0.2	374	8	25	838	711	322
	2016	1	24	204	2.4	331	13	15	885	745	338
2017	1	37	224	1.4	367	25	14	969	820	422	

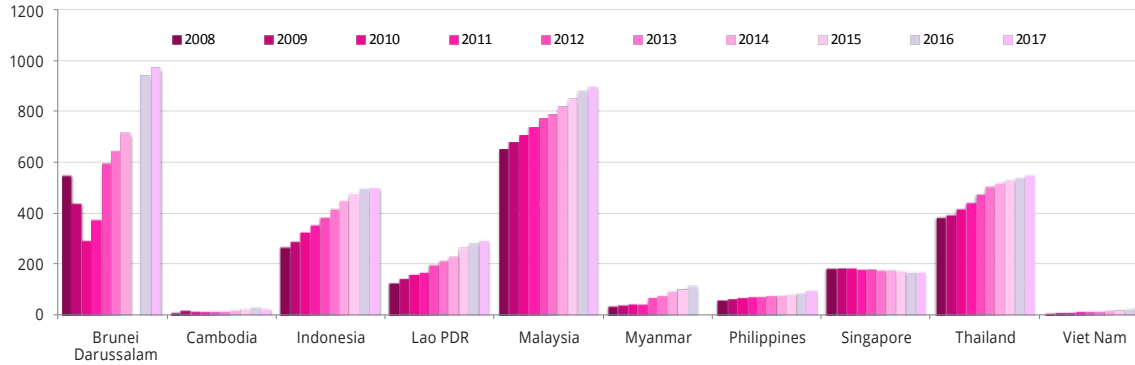
Table 8.7. International Civil Aviation, 2008-2017 (Continued)

INDICATOR	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Cargo Unloaded ('000 ton)	2008	13	12	154	-	349	6	70	952	462	120
	2009	12	8	132	-	301	6	70	847	400	123
	2010	5	9	158	-	352	6	33	941	518	153
	2011	8	1	162	0.6	348	6	29	983	560	163
	2012	7	15	194	1.0	352	8	28	976	588	192
	2013	8	15	208	0.04	373	11	29	996	550	-
	2014	6	16	187	0.7	414	15	33	1,005	525	-
	2015	8	19	195	0.4	393	18	28	1,015	526	-
	2016	7	22	188	1.4	353	21	16	1,084	586	-
2017	7	27	224	0.4	392	30	17	1,156	658	-	
Aircraft Traffic ('000)	2008	27	33	37	-	165	7	71	232	212	68
	2009	25	32	43	-	185	8	75	240	203	67
	2010	29	34	51	-	207	11	50	266	222	75
	2011	28	37	62	-	228	14	90	302	253	85
	2012	23	40	70	-	242	18	101	325	279	93
	2013	25	47	83	-	274	25	112	344	329	-
	2014	25	51	163	-	291	30	117	341	325	-
	2015	26	53	174	-	299	31	129	346	375	-
	2016	24	57	175	-	303	37	135	361	426	-
2017	20	68	198	-	337	42	148	373	447	-	

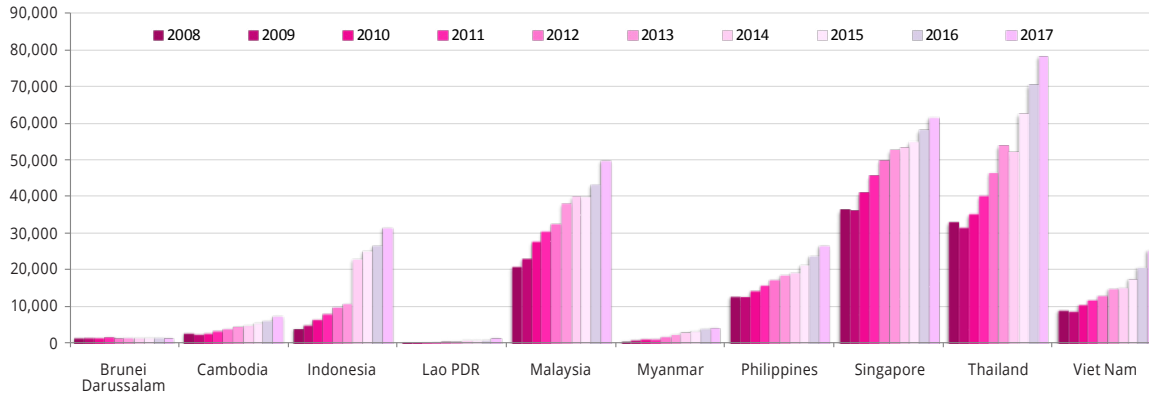
Source:
 ASEAN Secretariat
 Data submission from ASEAN Member States under the ASEAN-Japan
 Transport Partnership Framework, as of 31 October 2018

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

Graph 8.1. Total Number of Vehicles per 1000 Population, 2008-2017



Graph 8.2. International Air Passenger Traffic, 2008-2017



CHAPTER 9

TOURISM



Table 9.1. Visitor Arrivals by Country of Destination, 2007-2016

(in thousands)

COUNTRY OF DESTINATION	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	179	226	157	214	242	209	3,279	3,886	218	219
Cambodia	2,015	2,125	2,162	2,508	2,882	3,584	4,210	4,503	4,775	5,012
Indonesia	5,506	6,429	6,324	7,003	7,650	8,044	8,802	9,435	10,407	11,519
Lao PDR	1,624	2,005	2,008	2,513	2,724	3,330	3,779	4,159	4,684	4,239
Malaysia	20,236	22,052	23,646	24,577	24,714	25,033	25,716	27,437	25,721	26,757
Myanmar	732	661	763	792	816	1,059	2,044	3,081	4,681	2,907
Philippines	3,092	3,139	3,017	3,520	3,917	4,273	4,681	4,833	5,361	5,967
Singapore	10,288	10,116	9,681	11,639	13,171	14,491	15,568	15,095	15,231	16,404
Thailand	14,464	14,597	14,150	15,936	19,098	22,354	26,547	24,780	29,881	32,530
Viet Nam	4,150	4,254	3,772	5,050	6,014	6,848	7,572	7,874	7,944	10,013
ASEAN	62,285	65,605	65,680	73,753	81,229	89,225	102,199	105,084	108,904	115,566
ASEAN6	53,764	56,561	56,976	62,890	68,793	74,404	84,593	85,467	86,819	93,396
CLMV	8,521	9,045	8,705	10,863	12,436	14,821	17,606	19,617	22,084	22,171

Source:
ASEAN Secretariat

Note:
Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand; CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam

Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2007-2016

(in thousands)

COUNTRY OF DESTINATION	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	85	98	78	110	124	116	3,054	3,662	119	118
Cambodia	410	552	693	853	1,101	1,514	1,832	1,992	2,098	2,121
Indonesia	1,523	2,775	2,102	2,339	3,258	2,608	3,516	3,684	3,861	3,818
Lao PDR	1,273	1,286	1,611	1,991	2,191	2,712	3,041	3,224	3,589	3,083
Malaysia	15,620	16,637	18,386	18,937	18,885	18,810	19,106	20,373	19,147	20,271
Myanmar	53	463	524	512	100	151	219	1,598	1,763	403
Philippines	236	254	256	298	332	375	422	461	482	462
Singapore	3,725	3,571	3,651	4,780	5,372	5,733	6,115	6,113	5,748	5,936
Thailand	3,756	4,125	4,075	4,534	5,530	6,463	7,410	6,620	7,886	8,897
Viet Nam	661	516	319	689	838	1,364	1,440	1,495	1,301	1,461
TOTAL	27,341	30,276	31,694	35,043	37,733	39,845	46,154	49,223	45,992	46,570

Source:
ASEAN Secretariat

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

Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2007-2016

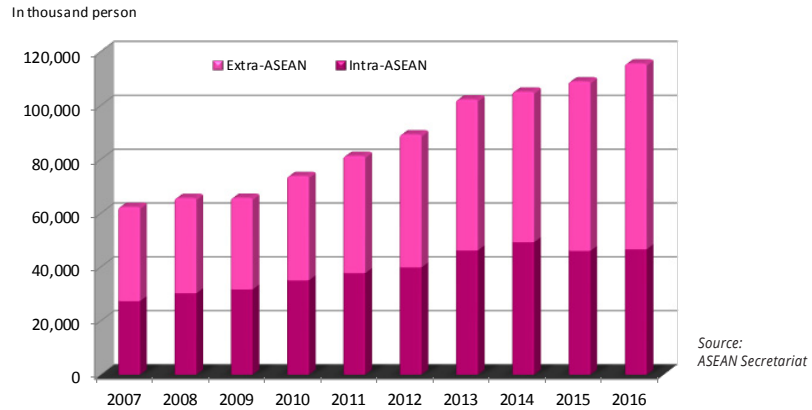
(in thousands)

COUNTRY OF DESTINATION	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	94	128	80	104	118	93	226	223	99	101
Cambodia	1,605	1,573	1,469	1,655	1,781	2,070	2,379	2,511	2,677	2,890
Indonesia	3,982	3,654	4,222	4,664	4,391	5,437	5,286	5,752	6,546	7,702
Lao PDR	351	719	397	522	532	618	738	935	1,096	1,156
Malaysia	4,616	5,416	5,260	5,640	5,829	6,223	6,610	7,064	6,575	6,486
Myanmar	679	198	239	279	716	908	1,826	1,483	2,918	2,504
Philippines	2,856	2,885	2,762	3,222	3,586	3,898	4,259	4,372	4,879	5,505
Singapore	6,563	6,545	6,030	6,859	7,799	8,758	9,453	8,982	9,483	10,467
Thailand	10,709	10,472	10,075	11,402	13,568	15,891	19,136	18,160	21,995	23,632
Viet Nam	3,488	3,738	3,453	4,361	5,176	5,484	6,132	6,379	6,643	8,552
TOTAL	34,943	35,329	33,986	38,710	43,496	49,380	56,045	55,861	62,912	68,996

Source:
ASEAN Secretariat

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

Graph 9.1. Intra and Extra-ASEAN Visitor Arrivals, 2007-2016



Graph 9.2. ASEAN Visitor Arrivals by Origin, 2007-2016

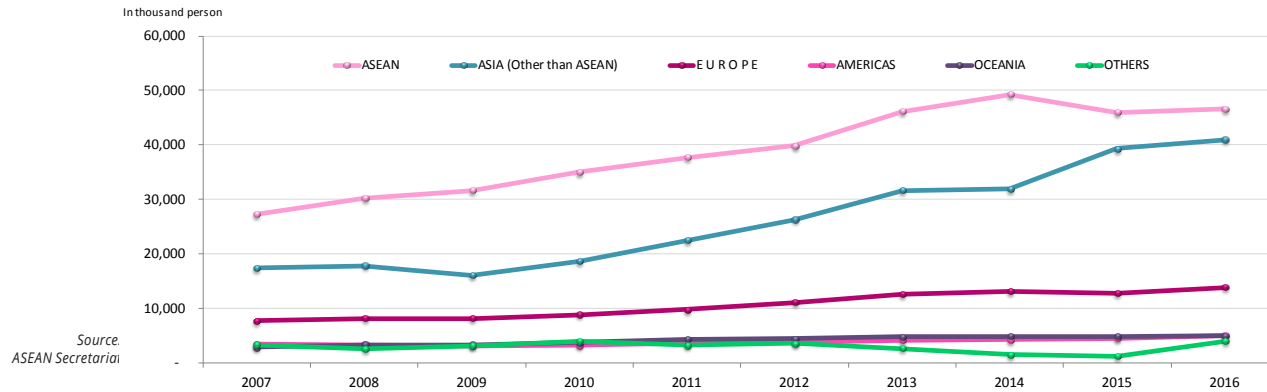


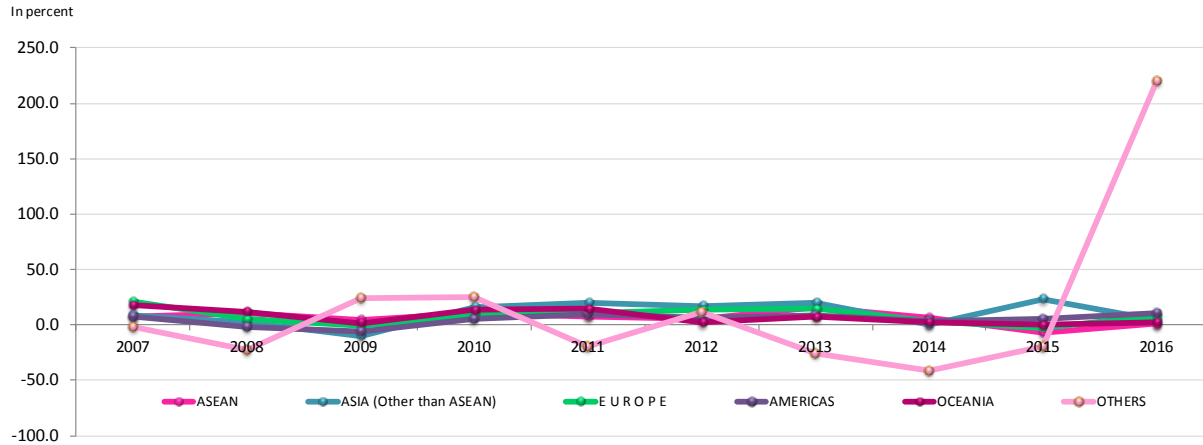
Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1,238	1,168	1,133	1,453	1,363	1,350	1,368	1,338	1,250	1,512
Cambodia	316	166	156	205	736	831	910	1,105	875	979
Indonesia	4,070	4,508	4,430	5,163	5,170	5,812	6,618	6,779	6,447	6,691
Lao PDR	590	717	790	838	1,047	1,425	1,560	1,569	1,791	1,954
Malaysia	3,134	3,988	3,785	4,597	5,444	5,550	9,012	9,246	6,828	7,021
Myanmar	191	207	220	250	297	317	378	433	492	596
The Philippines	1,023	1,267	1,259	1,468	1,636	1,789	2,172	2,273	2,051	2,001
Singapore	12,490	13,379	14,605	14,975	15,773	15,731	16,391	17,075	16,047	16,529
Thailand	3,283	3,567	3,890	4,307	4,039	4,334	4,552	6,013	6,521	5,424
Viet Nam	1,006	1,308	1,427	1,786	2,228	2,705	3,193	3,391	3,690	3,655
UNSPECIFIED	-	-	-	-	-	-	-	-	-	208
TOTAL	27,341	30,276	31,694	35,043	37,733	39,845	46,154	49,223	45,992	46,570

Source:
ASEAN Secretariat

Graph 9.3. Visitor Arrivals to ASEAN by Origin, 2007-2016



Graph 9.4. Visitor Arrivals to ASEAN by Origin

In percent share

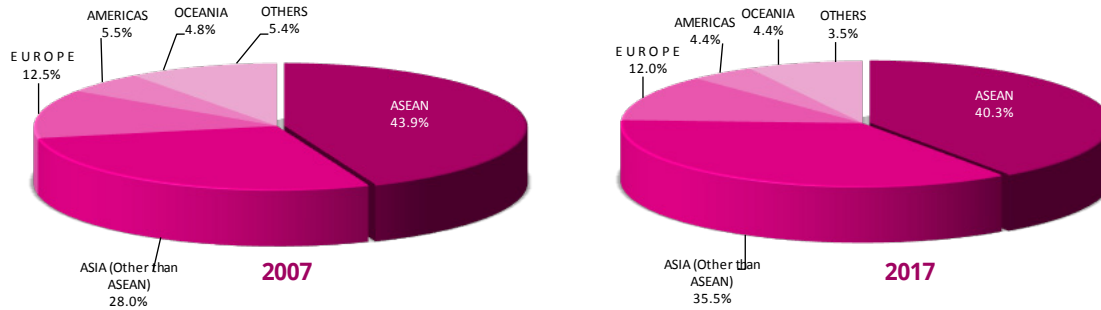


Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2007-2016

(in thousands)

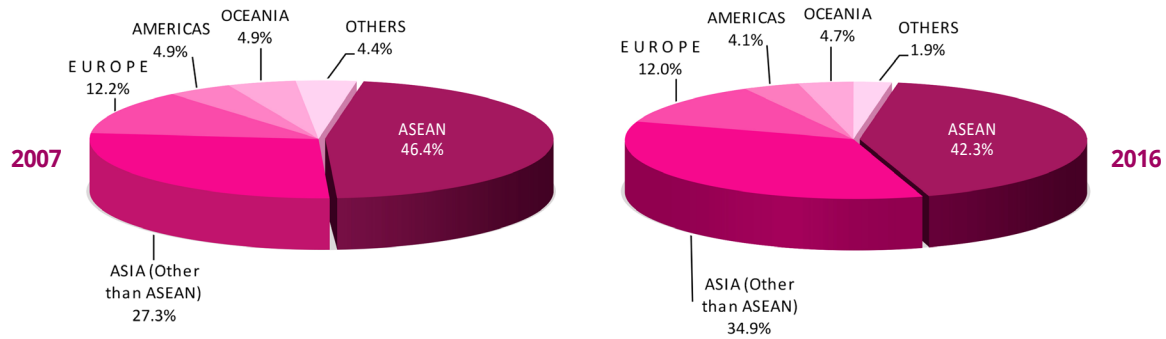
COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	27,341	30,276	31,694	35,043	37,733	39,845	46,154	49,223	45,992	46,570
EXTRA-ASEAN	34,943	35,329	33,986	38,710	43,496	49,380	56,045	55,861	62,912	68,996
ASIA (OTHER THAN ASEAN)	17,442	17,880	16,112	18,699	22,467	26,333	31,648	31,878	39,345	41,003
a. China	3,926	4,471	4,202	5,416	7,316	9,283	12,651	13,059	18,596	20,339
b. Hongkong	1,124	839	851	906	1,092	1,299	1,502	1,377	1,515	1,499
c. India	1,814	1,985	2,104	2,478	2,711	2,840	2,946	3,071	3,308	2,787
d. Japan	3,701	3,624	3,214	3,351	3,664	4,275	4,724	4,634	4,703	4,782
e. Korea, Republic of	3,539	2,657	2,449	3,286	3,862	4,011	4,873	5,018	5,839	6,465
f. Taiwan (ROC)	1,610	1,514	1,370	1,550	1,808	1,846	2,061	1,920	2,099	2,355
g. Other Asia	1,728	2,789	1,924	1,713	2,014	2,779	2,891	2,798	3,285	2,777
EUROPE	7,789	8,208	8,163	8,867	9,788	11,088	12,713	13,162	12,802	13,865
a. France	846	1,057	1,142	1,261	1,350	1,462	1,692	1,661	1,710	1,814
b. Germany	1,125	1,106	1,140	1,243	1,255	1,490	1,461	1,694	1,784	1,974
c. Italy	301	307	302	317	379	384	469	520	555	587
d. Netherlands	501	553	592	598	582	619	649	686	693	733
e. Scandinavia ^{1/}	905	983	858	886	925	992	1,035	1,025	1,016	1,009
f. United Kingdom	1,975	2,015	2,106	2,151	2,157	2,314	2,487	2,639	2,734	2,891
g. Other Europe	2,135	2,187	2,023	2,411	3,141	3,827	4,919	4,937	4,310	4,856
AMERICAS	3,404	3,348	3,142	3,303	3,626	3,872	4,200	4,339	4,588	5,067
a. Canada	544	509	456	499	594	709	769	800	834	876
b. USA	2,537	2,653	2,553	2,680	2,838	2,984	3,178	3,254	3,382	3,788
c. Other Americas	323	186	132	124	194	179	253	284	372	404
OCEANIA	2,960	3,312	3,371	3,824	4,386	4,487	4,823	4,912	4,920	5,032
a. Australia	2,435	2,905	3,029	3,465	3,926	4,060	4,303	4,384	4,191	4,314
b. New Zealand	301	320	272	292	390	358	439	458	475	481
c. Other Oceania	225	88	70	67	69	69	81	70	254	237
OTHERS	3,348	2,582	3,199	4,016	3,229	3,599	2,661	1,570	1,258	4,029
TOTAL	62,285	65,605	65,680	73,753	81,229	89,225	102,199	105,084	108,904	115,566

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

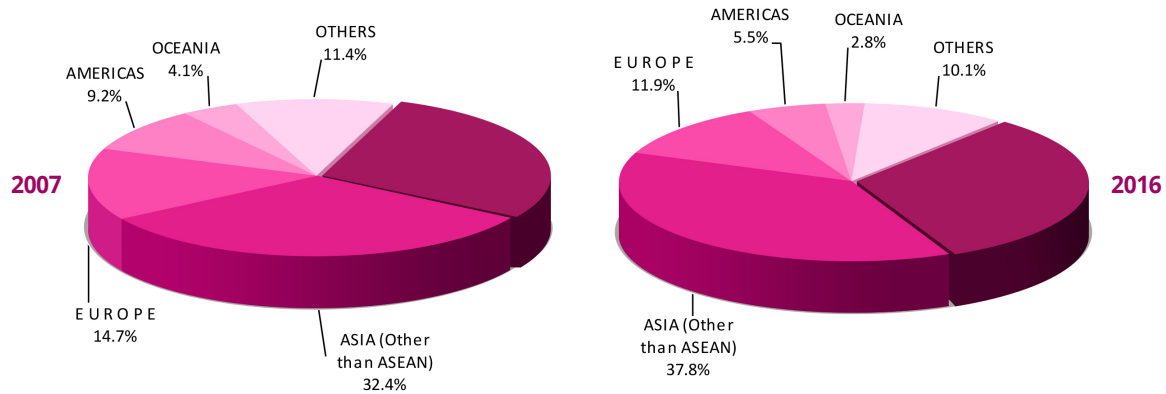
Graph 9.5. Visitor Arrivals to ASEAN6 by Origin

In percent share

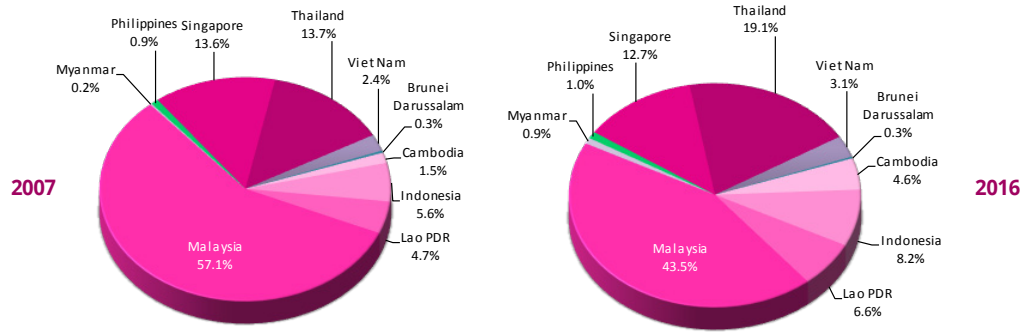


Graph 9.6. Visitor Arrivals to CLMV by Origin

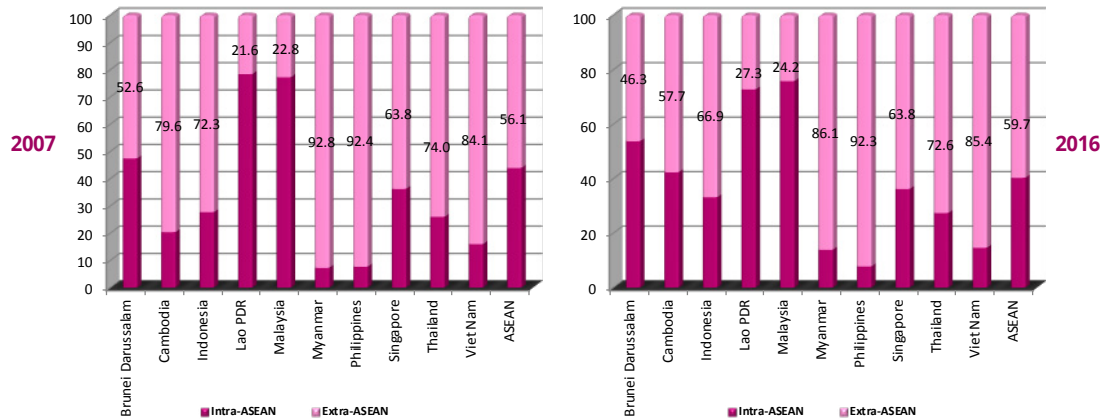
In percent share



Graph 9.7. Intra-ASEAN Visitor Arrivals by Host Country
In percent share

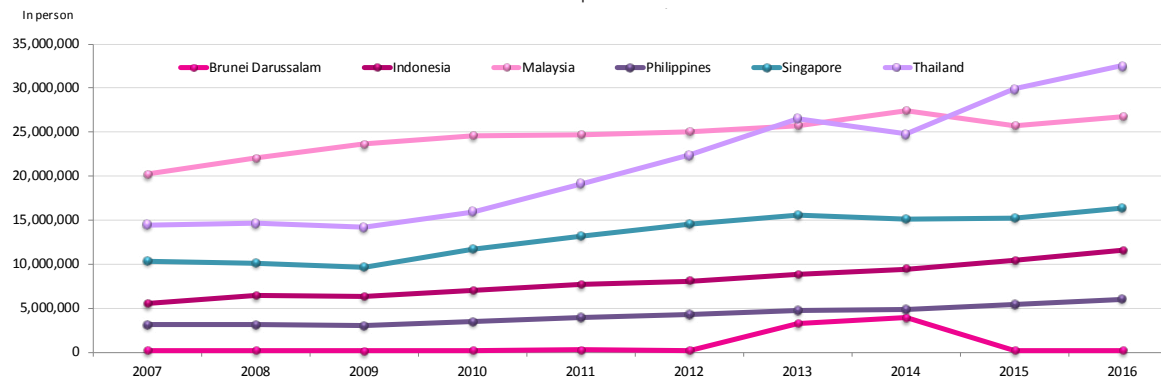


Graph 9.8. Intra and Extra-ASEAN Visitor Arrivals to ASEAN Member States
In percent share



Graph 9.9. Visitor Arrivals in ASEAN6, 2007-2016

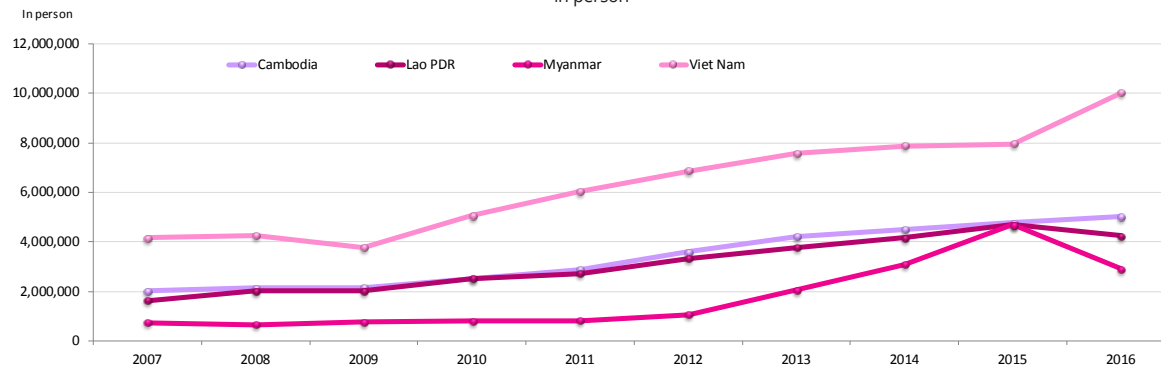
In person



Source:
ASEAN Secretariat

Graph 9.10. Visitor Arrivals in CLMV, 2007-2016

in person



Source:
ASEAN Secretariat

Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	85	98	78	110	124	116	3,054	3,662	119	118
EXTRA-ASEAN	94	128	80	104	118	93	226	223	99	101
ASIA (OTHER THAN ASEAN)	46	60	29	42	50	49	103	105	58	65
a. China	28	28	16	25	33	27	40	39	37	41
b. Hongkong	2	2	1	1	1	2	2	3	2	2
c. India	3	4	3	5	5	5	30	31	6	7
d. Japan	4	4	4	4	4	4	9	10	4	4
e. Korea, Republic of	4	18	2	2	2	4	5	6	3	4
f. Taiwan (ROC)	2	2	1	2	1	3	4	4	2	2
g. Other Asia	2	3	2	4	4	3	12	13	4	6
EUROPE	21	24	22	26	29	21	68	65	20	18
a. France	1	1	1	1	2	2	4	4	2	1
b. Germany	2	2	2	2	2	2	18	8	2	2
c. Italy	1	1	0	1	1	1	1	2	1	1
d. Netherlands	1	1	1	1	1	1	5	6	1	1
e. Scandinavia ^{1/}	1	1	1	1	1	1	4	4	1	1
f. United Kingdom	13	16	14	17	18	11	30	34	11	10
g. Other Europe	2	2	2	3	3	3	7	8	3	2
AMERICAS	5	6	5	6	7	6	17	18	6	5
a. Canada	2	2	2	2	2	2	8	9	2	2
b. USA	3	3	3	4	4	4	9	9	4	3
c. Other Americas	0	0	0	0	0	0	0	0	0	0
OCEANIA	20	35	22	28	29	14	29	25	12	9
a. Australia	15	26	14	17	19	12	23	19	10	8
b. New Zealand	5	9	8	10	10	2	6	6	2	1
c. Other Oceania	0	0	0	0	0	0	0	0	0	0
OTHERS	2	3	2	3	3	4	9	10	3	3
TOTAL	179	226	157	214	242	209	3,279	3,886	218	219

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	410	552	693	853	1,101	1,514	1,832	1,992	2,098	2,121
EXTRA-ASEAN	1,605	1,573	1,469	1,655	1,781	2,070	2,379	2,511	2,677	2,890
ASIA (OTHER THAN ASEAN)	771	685	585	748	896	1,075	1,259	1,368	1,484	1,594
a. China	118	130	128	178	247	334	463	560	695	830
b. Hongkong	3	3	4	4	5	8	9	10	15	16
c. India	11	12	12	-	15	19	24	29	37	46
d. Japan	162	164	146	152	162	179	207	216	193	192
e. Korea, Republic of	330	267	198	290	343	-	435	424	395	357
f. Taiwan (ROC)	118	83	72	91	98	93	97	98	110	105
g. Other Asia	29	27	24	33	25	442	25	32	39	49
EUROPE	409	456	463	486	540	608	693	704	710	723
a. France	90	98	105	113	117	121	131	141	146	150
b. Germany	53	60	60	63	63	73	82	84	94	109
c. Italy	18	20	17	20	21	23	25	30	32	36
d. Netherlands	21	22	22	24	23	25	28	27	29	31
e. Scandinavia ^{1/}	31	34	28	26	29	31	33	34	34	34
f. United Kingdom	84	98	107	103	104	110	124	133	154	159
g. Other Europe	112	124	123	138	182	226	271	255	221	204
AMERICAS	195	205	201	199	218	244	263	277	316	353
a. Canada	34	37	36	39	42	48	51	52	57	61
b. USA	138	145	148	146	154	173	185	191	218	239
c. Other Americas	23	23	16	14	21	23	27	33	41	54
OCEANIA	84	99	99	107	122	137	156	156	158	172
a. Australia	72	85	85	94	105	118	132	134	135	147
b. New Zealand	12	14	14	14	16	19	21	21	23	25
c. Other Oceania	0	0	0	0	0	0	4	0	0	0
OTHERS	146	128	121	114	6	6	6	7	10	48
TOTAL	2,015	2,125	2,162	2,508	2,882	3,584	4,210	4,503	4,775	5,012

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	1,523	2,775	2,102	2,339	3,258	2,608	3,516	3,684	3,861	3,818
EXTRA-ASEAN	3,982	3,654	4,222	4,664	4,391	5,437	5,286	5,752	6,546	7,702
ASIA (OTHER THAN ASEAN)	1,403	1,781	1,503	1,580	2,039	1,894	2,581	2,783	3,225	3,792
a. China	181	337	373	422	574	618	807	927	1,261	1,557
b. Hongkong	154	81	47	59	87	75	113	112	94	101
c. India	84	102	133	145	154	177	201	224	320	422
d. Japan	474	547	470	406	413	445	492	525	550	545
e. Korea, Republic of	272	321	239	282	306	304	344	370	387	387
f. Taiwan (ROC)	205	224	186	191	222	181	245	244	228	253
g. Other Asia	33	169	56	75	283	93	379	380	385	526
EUROPE	528	925	686	716	1,046	777	1,243	1,333	1,462	1,767
a. France	-	125	163	158	148	179	191	210	213	256
b. Germany	102	138	126	139	145	152	168	185	204	244
c. Italy	-	33	-	-	46	-	63	68	69	79
d. Netherlands	107	141	149	153	159	148	158	169	175	201
e. Scandinavia ^{1/}	-	51	-	-	58	-	62	66	76	86
f. United Kingdom	129	150	178	187	193	204	229	249	293	352
g. Other Europe	190	286	69	79	296	94	372	385	433	548
AMERICAS	125	240	162	172	297	207	333	359	412	476
a. Canada	-	40	-	-	52	-	57	61	76	87
b. USA	125	174	162	172	202	207	234	251	276	317
c. Other Americas	0	26	0	0	43	0	42	46	60	72
OCEANIA	267	482	539	731	975	909	1,072	1,213	1,377	1,572
a. Australia	267	450	539	731	931	909	998	1,129	1,099	1,302
b. New Zealand	-	23	-	-	37	-	66	76	88	105
c. Other Oceania	0	9	0	0	7	0	7	8	190	164
OTHERS	1,660	227	1,332	1,466	35	1,650	57	65	70	95
TOTAL	5,506	6,429	6,324	7,003	7,650	8,044	8,802	9,435	10,407	11,519

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	1,273	1,286	1,611	1,991	2,191	2,712	3,041	3,224	3,589	3,083
EXTRA-ASEAN	351	719	397	522	532	618	738	935	1,096	1,156
ASIA (OTHER THAN ASEAN)	110	440	184	238	241	313	394	584	736	802
a. China	55	106	128	162	151	200	245	422	511	545
b. Hongkong	-	6	-	-	-	-	-	-	-	-
c. India	2	3	2	3	3	3	5	5	5	8
d. Japan	30	32	28	34	38	42	49	45	44	49
e. Korea, Republic of	13	267	18	27	35	54	82	96	165	173
f. Taiwan (ROC)	3	3	3	3	5	4	5	5	6	14
g. Other Asia	7	24	5	8	9	10	10	11	4	12
EUROPE	148	166	130	178	182	186	213	209	217	222
a. France	35	39	32	45	44	47	52	52	55	55
b. Germany	19	25	18	23	21	23	29	30	32	34
c. Italy	7	6	5	7	7	6	9	10	9	10
d. Netherlands	10	11	9	10	9	9	11	9	8	7
e. Scandinavia ^{1/}	12	12	8	12	12	13	11	13	12	13
f. United Kingdom	31	36	27	37	36	36	42	39	42	39
g. Other Europe	34	35	31	45	52	51	58	57	59	64
AMERICAS	61	75	53	67	70	76	86	86	89	86
a. Canada	13	15	11	14	14	17	17	19	20	19
b. USA	46	55	39	50	50	53	62	61	63	58
c. Other Americas	3	6	3	4	5	6	7	5	6	9
OCEANIA	28	33	28	35	37	39	41	50	39	38
a. Australia	24	28	24	31	32	34	35	45	35	33
b. New Zealand	4	4	3	4	5	5	5	5	5	5
c. Other Oceania	0	0	0	0	0	0	0	0	0	0
OTHERS	4	5	2	4	3	4	5	5	14	8
TOTAL	1,624	2,005	2,008	2,513	2,724	3,330	3,779	4,159	4,684	4,239

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	15,620	16,637	18,386	18,937	18,885	18,810	19,106	20,373	19,147	20,271
EXTRA-ASEAN	4,616	5,416	5,260	5,640	5,829	6,223	6,610	7,064	6,575	6,486
ASIA (OTHER THAN ASEAN)	2,537	2,900	2,981	2,950	3,088	3,896	4,220	4,422	4,328	3,499
a. China	689	944	1,020	1,130	1,251	1,559	1,791	1,613	1,677	2,125
b. Hongkong	94	6	-	-	-	-	-	-	-	-
c. India	422	551	590	691	693	691	651	770	722	-
d. Japan	368	433	396	416	387	470	513	553	484	414
e. Korea, Republic of	225	267	227	264	263	284	275	386	421	444
f. Taiwan (ROC)	201	191	198	211	234	243	286	275	283	301
g. Other Asia	537	507	550	238	260	649	704	825	741	215
EUROPE	827	1,002	1,142	1,024	975	1,047	1,066	1,212	1,201	1,112
a. France	59	86	110	111	128	136	145	170	151	134
b. Germany	79	112	128	131	125	131	137	158	145	130
c. Italy	32	39	46	47	44	44	45	55	52	43
d. Netherlands	56	91	111	115	91	88	84	98	85	72
e. Scandinavia ^{1/}	94	93	93	93	84	58	66	60	69	48
f. United Kingdom	276	371	435	430	404	402	413	446	401	400
g. Other Europe	232	211	218	97	100	186	176	224	298	285
AMERICAS	470	345	346	325	303	327	336	355	360	289
a. Canada	47	78	88	92	86	87	89	93	80	72
b. USA	205	223	229	233	217	240	247	262	238	217
c. Other Americas	218	44	29	0	0	0	0	0	43	0
OCEANIA	517	487	600	647	640	574	590	639	552	431
a. Australia	320	427	533	581	558	508	526	571	487	378
b. New Zealand	41	56	63	66	81	66	63	67	61	53
c. Other Oceania	156	4	3	0	0	0	0	0	4	0
OTHERS	264	682	192	694	823	380	398	437	133	1,155
TOTAL	20,236	22,052	23,646	24,577	24,714	25,033	25,716	27,437	25,721	26,757

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	53	463	524	512	100	151	219	1,598	1,763	403
EXTRA-ASEAN	679	198	239	279	716	908	1,826	1,483	2,918	2,504
ASIA (OTHER THAN ASEAN)	108	143	158	183	162	233	415	1,071	2,369	469
a. China	30	98	102	114	62	71	91	809	2,103	184
b. Hongkong	3	2	3	3	4	5	8	9	3	-
c. India	8	7	9	10	12	17	21	62	60	39
d. Japan	16	10	14	16	21	48	69	83	90	101
e. Korea, Republic of	16	11	13	19	23	35	55	58	64	64
f. Taiwan (ROC)	14	10	12	14	16	22	31	33	32	36
g. Other Asia	23	5	6	7	24	36	141	17	18	45
EUROPE	75	36	53	66	89	116	168	200	225	255
a. France	16	7	10	13	19	27	35	41	47	52
b. Germany	15	8	10	11	14	20	28	32	36	39
c. Italy	10	2	6	7	10	9	12	13	15	18
d. Netherlands	-	1	2	2	0	0	0	11	12	14
e. Scandinavia ^{1/}	-	1	1	2	0	0	0	10	11	-
f. United Kingdom	6	5	6	7	11	21	33	41	45	51
g. Other Europe	28	11	18	23	34	40	60	52	59	81
AMERICAS	19	14	19	21	28	48	67	82	93	103
a. Canada	3	2	2	2	4	38	9	12	14	15
b. USA	15	12	15	17	22	6	54	63	70	77
c. Other Americas	1	1	1	2	2	4	5	7	10	11
OCEANIA	8	5	8	9	12	21	28	33	36	39
a. Australia	7	5	7	8	10	18	25	29	31	34
b. New Zealand	1	1	1	1	1	2	3	4	5	5
c. Other Oceania	0	0	0	0	0	0	0	0	0	0
OTHERS	469	0	1	1	426	491	1,147	96	196	1,638
TOTAL	732	661	763	792	816	1,059	2,044	3,081	4,681	2,907

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	236	254	256	298	332	375	422	461	482	462
EXTRA-ASEAN	2,856	2,885	2,762	3,222	3,586	3,898	4,259	4,372	4,879	5,505
ASIA (OTHER THAN ASEAN)	1,503	1,474	1,321	1,687	1,961	2,168	2,446	2,466	2,830	3,266
a. China	158	164	155	187	243	251	426	395	491	676
b. Hongkong	112	117	123	134	112	119	126	114	122	116
c. India	27	31	33	35	43	46	52	61	75	91
d. Japan	395	359	325	359	375	412	434	464	496	535
e. Korea, Republic of	653	612	498	741	925	1,031	1,166	1,175	1,340	1,475
f. Taiwan (ROC)	112	119	102	142	182	217	139	143	178	229
g. Other Asia	45	72	85	90	81	91	103	113	130	144
EUROPE	296	332	347	372	382	434	468	486	521	594
a. France	19	23	25	27	30	34	39	39	46	55
b. Germany	56	55	56	59	61	67	71	73	75	86
c. Italy	14	15	15	16	16	17	18	20	22	26
d. Netherlands	18	19	19	19	21	22	23	25	29	32
e. Scandinavia ^{1/}	28	32	31	36	41	47	49	48	51	54
f. United Kingdom	80	87	91	97	104	113	123	134	155	173
g. Other Europe	81	101	110	117	109	134	146	147	145	167
AMERICAS	675	688	689	714	748	783	815	875	946	1,057
a. Canada	91	102	99	106	117	124	131	144	156	176
b. USA	579	578	583	600	625	653	675	723	779	869
c. Other Americas	5	8	7	8	6	7	9	9	10	12
OCEANIA	163	180	192	211	228	253	277	287	303	321
a. Australia	112	122	132	147	171	191	213	225	241	251
b. New Zealand	10	11	11	11	13	14	16	18	21	23
c. Other Oceania	41	48	49	52	45	47	48	45	41	47
OTHERS	219	212	213	238	267	260	253	258	279	267
TOTAL	3,092	3,139	3,017	3,520	3,917	4,273	4,681	4,833	5,361	5,967

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	3,725	3,571	3,651	4,780	5,372	5,733	6,115	6,113	5,748	5,936
EXTRA-ASEAN	6,563	6,545	6,030	6,859	7,799	8,758	9,453	8,982	9,483	10,467
ASIA (OTHER THAN ASEAN)	3,777	3,685	3,255	3,913	4,682	5,359	5,891	5,474	5,957	6,826
a. China	1,114	1,079	937	1,171	1,578	2,033	2,270	1,722	2,106	2,864
b. Hongkong	302	278	294	388	464	472	540	631	610	538
c. India	749	778	726	829	869	895	934	944	1,014	1,097
d. Japan	595	571	490	529	656	757	833	825	789	784
e. Korea, Republic of	464	423	272	361	415	445	472	537	577	567
f. Taiwan (ROC)	208	176	157	191	238	282	350	337	378	394
g. Other Asia	345	380	380	444	461	475	493	478	483	583
EUROPE	1,239	1,296	1,294	1,357	1,387	1,519	1,591	1,599	1,615	1,720
a. France	99	111	120	130	140	159	160	157	157	171
b. Germany	165	175	184	209	220	252	252	264	287	329
c. Italy	39	43	47	51	54	66	67	67	69	75
d. Netherlands	70	73	76	77	81	82	83	82	79	82
e. Scandinavia ^{1/}	81	81	78	82	94	113	111	108	102	102
f. United Kingdom	496	493	470	462	443	446	461	452	474	489
g. Other Europe	289	319	320	345	356	401	458	469	447	472
AMERICAS	524	505	468	525	564	616	641	635	657	681
a. Canada	87	80	70	75	83	88	93	93	96	98
b. USA	409	397	371	417	441	477	492	485	500	516
c. Other Americas	29	28	27	33	40	51	57	58	62	66
OCEANIA	910	968	936	989	1,093	1,188	1,261	1,208	1,186	1,168
a. Australia	768	833	830	880	956	1,050	1,125	1,075	1,044	1,027
b. New Zealand	117	111	94	96	123	124	120	119	128	121
c. Other Oceania	25	24	12	13	14	15	16	14	15	20
OTHERS	113	91	77	76	74	76	68	66	67	73
TOTAL	10,288	10,116	9,681	11,639	13,171	14,491	15,568	15,095	15,231	16,404

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	3,756	4,125	4,075	4,534	5,530	6,463	7,410	6,620	7,886	8,897
EXTRA-ASEAN	10,709	10,472	10,075	11,402	13,568	15,891	19,136	18,160	21,995	23,632
ASIA (OTHER THAN ASEAN)	5,415	4,916	4,577	5,181	6,553	8,219	10,668	9,758	14,023	15,166
a. China	1,003	937	816	1,122	1,761	2,761	4,610	4,624	7,935	8,821
b. Hongkong	448	344	379	316	418	605	694	484	669	690
c. India	506	497	597	760	917	986	1,028	946	1,069	1,077
d. Japan	1,249	1,111	983	994	1,126	1,341	1,516	1,265	1,382	1,417
e. Korea, Republic of	1,075	22	621	805	1,014	1,153	1,292	1,117	1,373	1,450
f. Taiwan (ROC)	427	403	367	369	451	393	504	393	553	514
g. Other Asia	706	1,602	815	813	866	979	1,024	929	1,042	1,198
EUROPE	3,622	3,790	3,852	4,442	4,949	5,454	6,156	6,156	5,629	6,008
a. France	352	384	401	462	509	538	724	632	681	698
b. Germany	537	531	557	607	603	664	580	718	761	825
c. Italy	159	148	164	168	181	188	197	220	246	249
d. Netherlands	183	194	204	197	197	198	210	210	222	228
e. Scandinavia ^{1/}	623	677	617	634	606	657	632	611	592	595
f. United Kingdom	746	759	777	811	844	800	848	909	947	961
g. Other Europe	1,022	1,098	1,132	1,564	2,008	2,410	2,966	2,855	2,181	2,452
AMERICAS	817	853	795	845	953	1,007	1,104	1,105	1,235	1,341
a. Canada	150	153	147	168	193	193	209	213	227	222
b. USA	624	649	599	612	684	726	789	765	868	939
c. Other Americas	44	51	48	64	76	88	106	127	140	180
OCEANIA	732	788	728	790	960	1,036	1,019	947	921	919
a. Australia	638	694	646	698	854	930	906	836	806	813
b. New Zealand	90	91	78	89	104	99	107	108	112	99
c. Other Oceania	4	3	5	2	3	7	7	3	3	6
OTHERS	122	125	123	145	153	175	189	193	187	198
TOTAL	14,464	14,597	14,150	15,936	19,098	22,354	26,547	24,780	29,881	32,530

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2007-2016

(in thousands)

COUNTRY OF ORIGIN	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTRA-ASEAN	661	516	319	689	838	1,364	1,440	1,495	1,301	1,461
EXTRA-ASEAN	3,488	3,738	3,453	4,361	5,176	5,484	6,132	6,379	6,643	8,552
ASIA (OTHER THAN ASEAN)	1,773	1,796	1,520	2,177	2,796	3,129	3,670	3,847	4,334	5,523
a. China	550	650	528	905	1,417	1,429	1,908	1,947	1,781	2,697
b. Hongkong	6	0	0	0	0	13	10	15	-	35
c. India	0	0	0	0	0	0	0	-	-	-
d. Japan	411	393	359	442	482	576	604	648	671	35
e. Korea, Republic of	486	449	362	496	536	701	749	848	1,113	1,544
f. Taiwan (ROC)	320	304	272	334	361	409	399	389	330	507
g. Other Asia	0	0	0	0	0	0	0	-	439	706
EUROPE	624	182	175	199	211	927	1,046	1,198	1,200	1,445
a. France	175	182	175	199	211	220	210	214	212	241
b. Germany	97	0	0	0	0	107	98	142	149	176
c. Italy	22	0	0	0	0	31	32	36	40	51
d. Netherlands	35	0	0	0	0	46	47	49	53	65
e. Scandinavia ^{1/}	35	0	0	0	0	72	67	69	68	77
f. United Kingdom	114	0	0	0	0	170	185	202	213	255
g. Other Europe	147	0	0	0	0	281	407	486	465	581
AMERICAS	512	417	404	431	440	557	537	548	474	676
a. Canada	117	0	0	0	0	114	105	104	106	123
b. USA	395	417	404	431	440	444	432	444	368	553
c. Other Americas	0	0	0	0	0	0	0	0	0	0
OCEANIA	231	235	218	278	290	316	351	354	336	363
a. Australia	211	235	218	278	290	290	320	321	304	321
b. New Zealand	20	0	0	0	0	27	31	33	32	43
c. Other Oceania	0	0	0	0	0	0	0	0	0	0
OTHERS	349	1,108	1,136	1,275	1,439	554	528	432	299	544
TOTAL	4,150	4,254	3,772	5,050	6,014	6,848	7,572	7,874	7,944	10,013

Source:
ASEAN Secretariat

Note:
1/ Scandinavia: Finland, Norway, and Sweden

CHAPTER 10
AGRICULTURE



Table 10.1. Agriculture Land and Land Use, 2016

COUNTRY	TOTAL AREA (000 Ha)	LAND AREA						RURAL POPULATION (000)
		TOTAL LAND AREA (000 Ha)	AGRICULTURAL AREA				% OF AGRICULTURE AREA TO LAND AREA	
			ARABLE LAND (000 Ha)	PERMANENT CROPS (000 Ha)	PERMANENT PASTURE (000 Ha)	TOTAL AGRC. AREA (000 Ha) (4)+(5)+(6)		
Brunei Darussalam	577.0	527.0	5.0	6.0	3.4	14.4	2.7	98.0
Cambodia	18,104.0	17,652.0	3,800.0	155.0	1,500.0	5,455.0	30.9	12,601.0
Indonesia	190,457.0	181,157.0	23,500.0	22,500.0	11,000.0	57,000.0	31.5	117,729.0
Lao PDR	23,680.0	23,080.0	1,525.0	169.0	675.0	2,369.0	10.3	4,312.0
Malaysia	33,080.0	32,855.0	882.0	7,460.0	285.0	8,627.0	26.3	7,661.0
Myanmar	67,659.0	65,308.0	10,908.0	1,550.0	302.0	12,760.0	19.5	35,675.0
Philippines	30,000.0	29,817.0	5,590.0	5,350.0	1,500.0	12,440.0	41.7	57,666.0
Singapore	71.0	70.9	-	-	-	-	-	-
Thailand	51,312.0	51,089.0	16,810.0	4,500.0	800.0	22,110.0	43.3	32,731.0
Viet Nam	33,095.7	31,007.0	6,998.0	4,538.0	642.0	12,178.0	39.3	61,944.0
TOTAL	448,035.7	432,562.9	70,018.0	46,228.0	16,707.4	132,953.4	30.7	330,417.0

Source:
FAOSTAT website, as of November 2018

Table 10.2. Share of Agriculture in Gross Domestic Products (GDP), Employment, Exports and Imports

COUNTRY	GDP SHARE ^{*)}		EMPLOYMENT SHARE ^{**)}		EXPORT SHARE		IMPORT SHARE	
	2016	2017	2016	2017	2016	2017	2016	2017
Brunei Darussalam	0.8	0.8	-	-	0.2	0.2	18.7	15.1
Cambodia	20.1	20.6	54.9	-	4.7	5.2	7.2	7.8
Indonesia	12.8	12.7	31.9	31.9	21.3	21.8	12.0	11.2
Lao PDR	16.5	15.3	71.7	-	27.5	28.9	13.5	13.3
Malaysia	8.1	8.2	11.4	11.3	11.1	10.0	8.6	7.8
Myanmar	27.2	25.9	51.7	-	37.8	32.2	18.9	14.8
Philippines	8.8	8.5	28.3	-	8.8	8.8	12.8	12.1
Singapore	0.0	0.1	-	-	2.9	2.8	4.1	3.7
Thailand	6.4	6.3	30.2	-	14.1	14.0	6.9	6.4
Viet Nam	15.3	14.8	41.9	-	13.0	12.1	8.7	8.0
TOTAL IN PERCENT					10.9	10.6	8.0	7.5
TOTAL IN MILLION US \$					125,866.7	140,548.3	87,336.7	93,721.2

Source:
GDP: ASEAN Secretariat;
Employment share: ASEAN Member State Website

Notes:
*) GDP share; based on real (Constant Price) GDP; ASEAN Macroeconomic Database, based on country submission
**) Based on Table III.7, Cambodia, Lao PDR and Myanmar figures are the latest available data

Table 10.3. Paddy Production in ASEAN 2008-2017

(1000 Metric Ton)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	1.4	1.4	1.7	2.2	2.3	1.9	2.1	3.1	3.2	2.5
Cambodia	7,174.0	7,586.0	8,249.0	8,779.0	9,000.0	9,290.9	9,291.0	9,324.4	9,227.0	9,577.7
Indonesia	60,325.9	64,398.9	66,469.4	65,756.9	69,080.0	71,280.0	70,846.5	75,397.8	77,245.3	81,568.7
Lao PDR	2,927.1	3,034.6	3,070.6	3,065.8	3,489.2	3,414.6	4,002.4	4,048.2	4,300.0	4,339.5
Malaysia	2,353.0	2,460.0	2,464.0	2,665.0	2,750.0	2,615.9	2,848.6	2,674.4	3,432.9	2,901.9
Myanmar	32,572.0	32,057.9	32,165.1	32,064.4	29,009.9	27,703.7	28,322.2	28,127.2	29,073.0	27,255.4
Philippines	16,815.5	16,266.4	15,772.3	16,684.1	18,032.5	18,439.4	18,967.8	18,296.7	18,365.3	18,549.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	32,119.3	31,650.6	32,116.1	35,583.6	31,625.3	38,000.2	36,762.3	31,616.9	27,418.5	32,430.6
Viet Nam	38,729.8	38,895.5	40,005.6	42,324.4	43,400.4	44,076.1	44,972.8	45,215.7	45,640.0	43,338.0
ASEAN	193,018.2	196,351.3	200,313.8	206,925.3	206,389.6	214,822.6	216,015.7	214,704.4	214,705.1	219,963.9

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

Graph 10.1. Paddy Production in Five Major Paddy Producers, 2008-2017

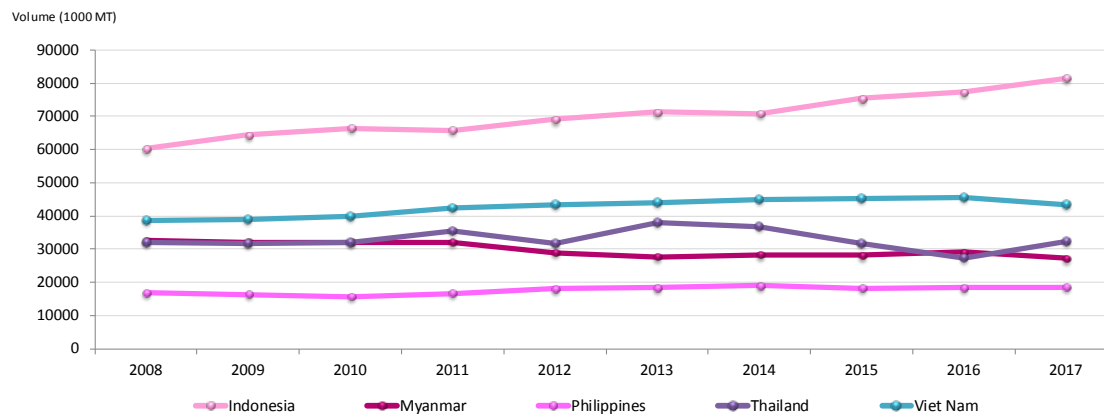


Table 10.4. Maize Production in ASEAN 2008-2017

(1000 Metric Ton)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.5	0.4	-	-	-	-	-	-	-	-
Cambodia	612.0	924.0	773.0	717.2	940.4	843.0	926.9	549.4	560.6	407.6
Indonesia	16,317.3	17,629.8	18,327.6	17,643.3	19,387.0	18,509.0	19,008.4	19,833.3	21,835.9	26,028.5
Lao PDR	1,014.3	1,107.1	1,020.9	1,098.0	1,125.5	1,214.1	1,136.6	1,110.0	1,112.8	1,229.2
Malaysia	33.0	35.2	47.6	50.0	52.5	-	-	-	-	-
Myanmar	1,204.0	1,185.0	1,225.9	1,354.6	1,485.0	1,525.7	1,626.3	1,720.6	1,855.0	1,831.0
Philippines	6,928.2	7,034.0	6,376.8	6,971.2	7,407.1	7,377.3	7,770.6	7,553.0	7,813.4	8,087.0
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	4,100.8	4,684.3	4,855.4	4,779.6	4,808.8	5,061.1	4,715.3	4,620.0	4,691.0	4,431.0
Viet Nam	4,573.1	4,381.8	4,625.7	4,646.4	4,797.3	5,193.4	5,200.4	5,280.7	5,251.8	5,112.4
ASEAN	34,783.1	36,981.5	37,252.9	37,260.3	40,003.5	39,723.6	40,384.5	40,666.9	43,120.4	47,126.6

Source:

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

Table 10.5. Soybean Production in ASEAN 2008-2017

(1000 Metric Ton)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	108.0	137.0	157.0	114.6	119.8	131.0	131.1	104.2	108.3	100.9
Indonesia	775.7	974.5	907.0	851.3	843.0	780.0	955.0	983.0	969.5	675.2
Lao PDR	10.6	16.7	11.4	13.8	6.4	13.9	17.0	17.6	17.9	18.1
Malaysia	-	-	-	-	-	-	-	-	-	-
Myanmar	244.0	240.5	253.7	254.5	236.9	237.9	234.9	228.9	246.2	214.8
Philippines	1.0	0.8	0.8	0.7	0.6	0.8	0.9	0.7	0.6	0.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	184.0	194.9	169.6	151.4	151.4	76.5	55.9	57.7	56.6	41.9
Viet Nam	267.6	213.6	298.6	254.2	177.6	168.4	156.5	146.4	137.7	131.9
ASEAN	1,591.0	1,778.1	1,798.1	1,640.5	1,535.7	1,408.5	1,551.3	1,538.5	1,536.8	1,183.4

Source:

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

Table 10.6. Sugarcane Production in ASEAN 2008-2017

(1000 Metric Ton)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.0	0.1	-	-	-	-	-	-	-	-
Cambodia	385.0	350.0	366.0	468.7	n.a.	730.0	911.3	1,541.0	1,571.8	737.8
Indonesia	2,800.9	2,849.8	2,290.1	2,267.9	2,592.0	2,551.0	2,579.2	2,498.0	2,223.0	16,025.0
Lao PDR	416.7	1,014.1	818.7	1,222.0	1,055.7	865.1	1,840.5	1,749.8	1,821.0	1,944.0
Malaysia	277.1	274.6	207.0	209.1	49.4	-	-	-	-	-
Myanmar	9,901.0	9,744.2	9,561.5	9,249.5	9,537.4	9,413.1	10,307.4	11,128.4	12,014.9	10,437.1
Philippines	26,601.4	22,932.8	17,929.3	28,376.5	26,395.9	24,584.8	24,175.3	22,654.0	22,349.8	27,599.8
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	76,577.8	74,771.8	68,807.8	95,950.4	101,165.0	100,095.6	103,697.0	106,327.8	99,100.2	93,088.5
Viet Nam	16,145.5	15,246.4	16,161.7	17,464.8	18,984.0	20,018.4	19,827.7	18,320.8	19,100.0	17,450.0
ASEAN	133,105.5	127,183.9	116,142.1	155,208.9	159,779.4	158,258.1	163,338.3	164,219.8	158,180.6	167,282.2

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

Note:
Indonesia data from: Ministry of Agriculture Publication

Graph 10.2. Sugarcane Production in Five Major Sugarcane Producers, 2008-2017

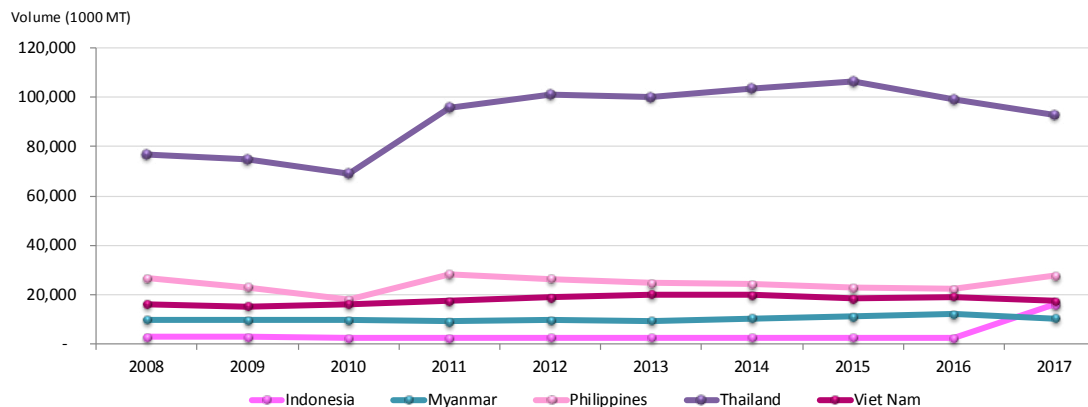


Table 10.7. Cassava Production in ASEAN, 2008-2017

(1000 Metric Ton)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.2	0.1	0.2	0.1	0.2	n.a.	0.2	0.2	0.2	0.2
Cambodia	3,676.0	3,497.0	4,249.0	8,033.8	6,000.0	7,632.0	7,933.4	11,944.5	13,222.3	13,386.7
Indonesia	21,757.0	22,039.1	23,058.3	24,044.0	24,177.0	23,937.0	23,436.4	22,906.1	26,749.0	19,045.6
Lao PDR	262.0	152.6	500.1	743.2	1,060.9	1,254.2	1,629.8	1,513.9	1,527.2	1,557.8
Malaysia	35.2	36.9	37.2	39.1	41.0	n.a.	51.9	57.1	62.8	67.3
Myanmar	334.0	333.5	477.7	607.1	729.9	578.6	524.2	484.9	509.3	426.3
Philippines	1,941.6	2,043.7	2,101.5	2,209.7	2,223.2	2,361.6	2,540.3	2,714.1	2,857.9	2,792.0
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	23,809.7	30,088.0	22,005.7	21,912.4	24,847.8	30,227.5	30,022.1	32,357.7	31,807.5	30,935.5
Viet Nam	9,309.9	8,556.9	8,595.6	9,875.3	9,691.8	9,742.5	10,211.1	10,673.7	10,200.9	11,263.2
ASEAN	61,125.5	66,747.9	61,025.3	67,464.8	68,771.8	75,733.4	76,349.3	82,652.2	86,936.9	79,474.5

Source:

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

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

(in Percent)

PRODUCT	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008-2017
Paddy	5.8	1.7	2.0	3.3	(0.3)	4.1	0.6	(0.6)	0.0	2.4	1.3
Maize	15.1	6.3	0.7	0.0	7.4	(0.7)	1.7	0.7	6.0	9.3	3.1
Soybean	11.6	11.8	1.1	(8.8)	(6.4)	(8.3)	10.1	(0.8)	(0.1)	(23.0)	(2.9)
Sugarcane	9.1	(4.4)	(8.7)	33.6	2.9	(1.0)	3.2	0.5	(3.7)	5.8	2.3
Cassava	1.5	9.2	(8.6)	10.6	1.9	10.1	0.8	8.3	5.2	(8.6)	2.7

Source:

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

Graph 10.3. Rate of Growth of ASEAN Five Major Food Commodities, 2008-2017

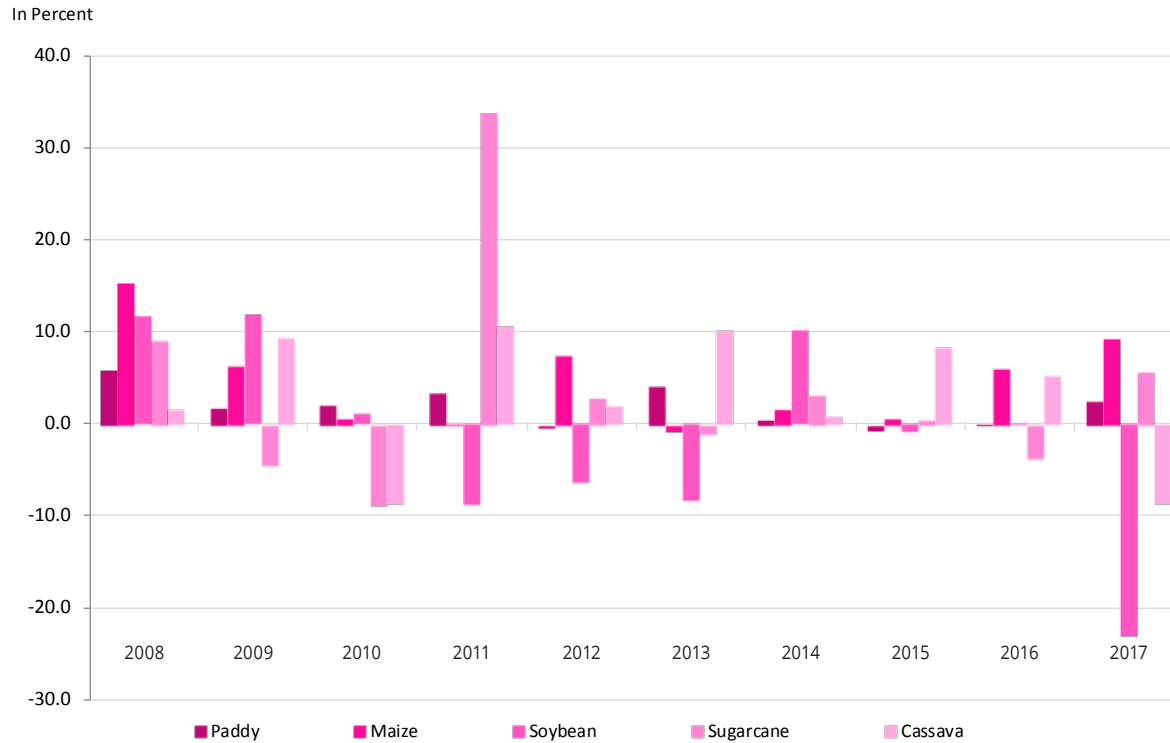


Table 10.9. ASEAN Exports of Selected Agricultural Products and Inputs, 2008-2017

(in Million US \$)

No	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008-2017 (% growth)
01	Rice, including husked and broken rice	7,857	6,621	7,352	9,178	8,836	7,831	9,050	8,162	7,093	8,911	1.3
02	Banana, fresh	415	364	338	528	678	1,003	1,223	565	965	1,080	10.0
03	Pineapple Production excluding fresh	929	734	727	1,058	943	848	888	1,140	1,135	1,100	1.7
04	Mangoes pineapple fresh, including guava, mangosteen, etc	152	173	197	293	363	510	616	508	663	951	20.1
05	Oil of palm	25,242	19,904	26,232	35,344	33,547	28,769	29,860	25,031	23,609	28,573	1.2
06	Coconut oil	2,005	1,108	1,987	2,645	2,166	1,624	2,414	2,167	2,180	2,723	3.1
07	Cake of coconuts	95	75	107	97	187	290	178	121	96	87	(0.9)
08	Soybeans	20	18	15	22	24	21	51	21	23	20	0.2
09	Sugar and honey	2,322	2,731	3,320	5,469	2,736	2,975	2,663	2,905	3,609	3,466	4.1
10	Coffee, green, husk, roasted	2,568	1,909	2,171	3,013	4,312	3,547	4,006	3,532	4,050	4,079	4.7
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	4,057	3,493	4,595	5,067	4,813	5,165	5,966	4,341	4,850	5,971	3.9
12	Tobacco	1,689	1,750	2,070	2,330	2,513	2,801	3,071	3,198	3,186	3,183	6.5
13	Crude Rubber	16,985	9,693	20,555	32,977	22,399	20,400	14,201	11,290	10,088	14,007	(1.9)
14	Fertilizers, manufactured	1,091	974	1,149	1,664	1,886	1,947	1,638	1,235	1,109	1,409	2.6
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	225	166	314	235	45	82	69	79	69	82	(9.6)

Source:
ASEAN Secretariat

Table 10.10. ASEAN Imports of Selected Agricultural Products and Inputs, 2008-2017

(in Million US \$)

No	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008-2017 (% growth)
01	Rice, including husked and broken rice	3,062	2,041	6,344	2,902	2,359	1,321	1,768	1,708	1,497	1,123	(9.5)
02	Banana, fresh	25	2	29	27	32	40	46	48	50	58	8.7
03	Pineapple Production excluding fresh	14	8	317	12	11	12	13	15	18	17	2.3
04	Mangoes pineapple fresh, including guava, mangosteen, etc	104	112	188	136	181	249	310	259	299	473	16.4
05	Oil of palm	1,648	1,419	2,282	3,745	3,260	1,661	1,510	1,569	1,119	1,532	(0.7)
06	Coconut oil	250	136	239	335	286	176	289	278	287	296	1.7
07	Cake of coconuts	25	21	23	28	35	40	19	26	21	23	(0.5)
08	Soybeans	2,051	1,643	1,656	2,923	3,317	3,275	3,492	3,292	3,237	3,399	5.2
09	Sugar and honey	1,540	2,010	5,239	4,169	1,482	1,506	1,549	1,982	3,823	3,431	8.3
10	Coffee, green, husk, roasted	251	212	264	455	553	500	505	506	548	626	9.6
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	436	331	1,407	504	669	766	1,108	888	852	1,117	9.9
12	Tobacco	1,837	1,807	1,929	2,263	2,669	2,831	2,738	2,563	2,738	2,871	4.6
13	Crude Rubber	1,450	1,642	7,603	3,198	3,165	2,885	2,102	1,629	1,484	2,298	4.7
14	Fertilizers, manufactured	8,366	4,678	5,091	9,063	9,599	8,401	7,594	7,335	6,044	6,574	(2.4)
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	387	329	678	636	124	119	125	116	120	176	(7.6)

Source:
ASEAN Secretariat

Table 10.11. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2016

(in Million US\$)

No	DESCRIPTION	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
01	Rice, including husked and broken rice	0	306	1	34	20	439	0	25	4,401	1,866	7,093
02	Banana, fresh	-	0	11	220	8	48	619	0	15	45	943
03	Pineapple Production excluding fresh	-	-	152	-	5	-	341	11	594	31	1,135
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0	1	23	8	25	12	295	4	170	125	663
05	Oil of palm	-	13	14,367	0	9,076	0	18	45	41	49	23,609
06	Coconut oil	-	-	816	-	168	0	1,145	6	10	35	2,180
07	Cake of coconuts	-	-	39	-	2	-	52	-	3	1	96
08	Soybeans	0	0	0	0	18	1	-	0	3	0	23
09	Sugar and honey	0	34	225	36	239	1,168	62	77	1,584	185	3,510
10	Coffee, green, husk, roasted	0	0	1,008	76	10	1	0	36	3	2,915	4,041
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	2	1	1,460	-	199	150	163	20	982	1,874	4,850
12	Tobacco	-	24	947	79	365	22	234	1,174	123	218	3,185
13	Crude Rubber	0	163	3,373	82	869	144	36	95	4,445	881	10,081
14	Fertilizers, manufactured	0	0	350	16	363	0	11	19	157	192	1,109
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	-	10	-	10	-	-	15	32	2	69

Source:
ASEAN Secretariat

Table 10.12. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2016

(in Million US\$)

No	DESCRIPTION	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
01	Rice, including husked and broken rice	34	10	532	79	377	1	211	207	10	39	1,497
02	Banana, fresh	3	0	-	-	9	0	0	34	5	0	50
03	Pineapple Production excluding fresh	0	0	0	0	2	0	0	12	2	0	18
04	Mangoes pineapple fresh, including guava, mangosteen, etc	5	2	33	9	71	3	1	61	16	98	299
05	Oil of palm	3	2	4	1	326	6	31	216	19	511	1,119
06	Coconut oil	0	0	10	0	211	0	1	51	10	3	287
07	Cake of coconuts	0		0	0	2	-	2	0	0	17	20
08	Soybeans	0	0	959	0	330	0	62	14	1,215	657	3,237
09	Sugar and honey	10	37	349	45	161	1,365	1,167	296	149	244	3,823
10	Coffee, green, husk, roasted	1	2	48	0	205	1	83	61	101	45	548
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	3	0	65	0	102	0	19	148	153	362	852
12	Tobacco	0	227	507	41	389	54	240	851	202	227	2,738
13	Crude Rubber	0	2	33	1	1,156	2	22	87	5	176	1,484
14	Fertilizers, manufactured	3	92	1,552	32	955	302	485	18	1,497	1,109	6,046
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	-	9	0	15	0	2	15	47	32	120

Source:
ASEAN Secretariat

Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2017

(in Million US\$)

No	DESCRIPTION	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
01	Rice, including husked and broken rice	0	341	3	31	1	1,031	1	35	5,167	2,301	8,911
02	Banana, fresh	-	6	9	168	9	70	733	0	20	65	1,080
03	Pineapple Production excluding fresh	-	-	197	0	5	-	285	10	572	30	1,100
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0	2	11	11	23	12	258	4	283	348	951
05	Oil of palm	0	21	18,513	-	9,712	0	12	50	217	46	28,573
06	Coconut oil	-	-	817	-	185	0	1,671	14	11	25	2,723
07	Cake of coconuts	-	-	33	-	1	-	49	0	3	1	87
08	Soybeans	-	0	0	0	16	1	97	0	2	0	20
09	Sugar and honey	0	42	235	78	234	765	55	81	1,780	196	3,466
10	Coffee, green, husk, roasted	0	0	1,187	98	12	2	0	38	3	2,739	4,079
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	3	0	1,690	0	235	174	236	21	1,164	2,447	5,971
12	Tobacco	-	26	1,050	59	228	58	296	1,089	152	225	3,183
13	Crude Rubber	0	251	5,105	153	1,095	214	105	113	6,033	937	14,007
14	Fertilizers, manufactured	0	0	277	70	567	0	30	22	192	251	1,409
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	0	11	-	14	-	0	14	41	2	82

Source:
ASEAN Secretariat

Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2017

(in Million US\$)

No	DESCRIPTION	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
01	Rice, including husked and broken rice	22	4	144	45	347	3	292	214	14	40	1,123
02	Banana, fresh	3	-	0	0	9	0	0	35	2	9	58
03	Pineapple Production excluding fresh	0	0	0	0	4	0	0	11	1	0	17
04	Mangoes pineapple fresh, including guava, mangosteen, etc	6	1	54	11	84	1	0	65	14	236	473
05	Oil of palm	5	2	2	1	401	146	205	193	12	567	1,532
06	Coconut oil	0	0	14	0	211	0	1	48	16	6	296
07	Cake of coconuts	-	0	0	0	0	-	3	0	0	20	23
08	Soybeans	1	0	1,151	0	341	6	97	13	1,166	625	3,399
09	Sugar and honey	8	47	314	75	184	858	1,246	284	186	230	3,431
10	Coffee, green, husk, roasted	1	3	33	0	244	0	59	64	148	73	626
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	6	0	74	0	130	1	29	187	211	480	1,117
12	Tobacco	0	248	671	36	225	59	283	861	225	263	2,871
13	Crude Rubber	0	5	42	10	1,777	0	38	103	5	319	2,298
14	Fertilizers, manufactured	1	162	1,494	42	998	302	642	14	1,716	1,204	6,574
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	5	16	0	17	1	28	13	55	41	176

Source:
ASEAN Secretariat

Table 10.15. ASEAN Major Markets of Agricultural Export Commodities, 2016-2017

MAJOR MARKETS	2016	
	VALUE (Mn US \$)	SHARE (%)
ASEAN	29,431.3	23.4
China	18,475.8	14.7
European Union	14,590.0	11.6
United States of America	12,695.3	10.1
Japan	9,240.2	7.3
India	7,102.6	5.6
Korea, Republic of	2,939.2	2.3
Australia	2,875.4	2.3
Pakistan	2,489.4	2.0
Hong Kong	2,318.9	1.8
Top 10	102,158.1	81.2
Others	23,708.6	18.8
Total	125,866.7	100.0

MAJOR MARKETS	2017	
	VALUE (Mn US \$)	SHARE (%)
ASEAN	30,839.3	21.9
China	21,214.3	15.1
European Union	17,326.9	12.3
United States of America	13,645.5	9.7
Japan	9,849.8	7.0
India	8,030.2	5.7
Korea, Republic of	3,396.8	2.4
Australia	2,982.8	2.1
Pakistan	2,771.4	2.0
Hong Kong	2,345.8	1.7
Top 10	112,403.1	80.0
Others	28,145.2	20.0
Total	140,548.3	100.0

Source:
ASEAN Secretariat

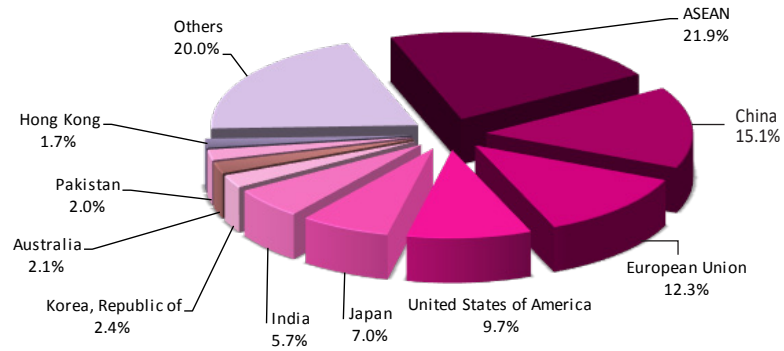
Table 10.16. ASEAN Major Origins of Agricultural Import Commodities, 2016-2017

MAJOR ORIGIN	2016	
	VALUE (Mn US \$)	SHARE (%)
ASEAN	23,650.7	27.1
United States of America	9,709.5	11.1
European Union	9,064.4	10.4
China	8,454.4	9.7
Australia	6,378.5	7.3
Brazil	5,772.8	6.6
Argentina	5,700.8	6.5
India	3,672.4	4.2
New Zealand	2,387.7	2.7
Ukraine	1,269.7	1.5
Top 10	76,060.9	87.1
Others	11,275.8	12.9
Total	87,336.7	100.0

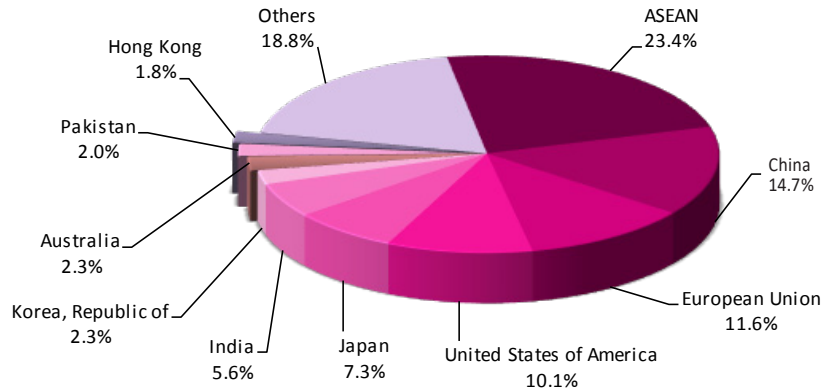
MAJOR ORIGIN	2017	
	VALUE (Mn US \$)	SHARE (%)
ASEAN	25,531.1	27.2
United States of America	10,295.0	11.0
China	9,102.9	9.7
European Union	8,669.3	9.3
Australia	7,051.6	7.5
Brazil	5,685.1	6.1
Argentina	5,508.3	5.9
India	3,790.4	4.0
New Zealand	2,873.4	3.1
Canada	1,629.7	1.7
Top 10	80,136.9	85.5
Others	13,584.4	14.5
Total	93,721.2	100.0

Source:
ASEAN Secretariat

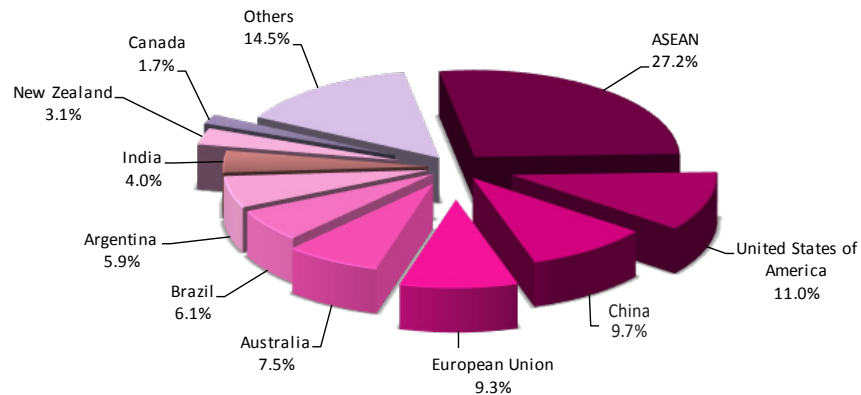
Graph 10.4. Share of ASEAN Major Markets of Agricultural Export Commodities, 2017



Graph 10.5. Share of ASEAN Major Markets of Agricultural Export Commodities, 2016



Graph 10.6. Share of ASEAN Major Origins of Agricultural Import Commodities, 2017



Graph 10.7. Share of ASEAN Major Origins of Agricultural Import Commodities, 2016

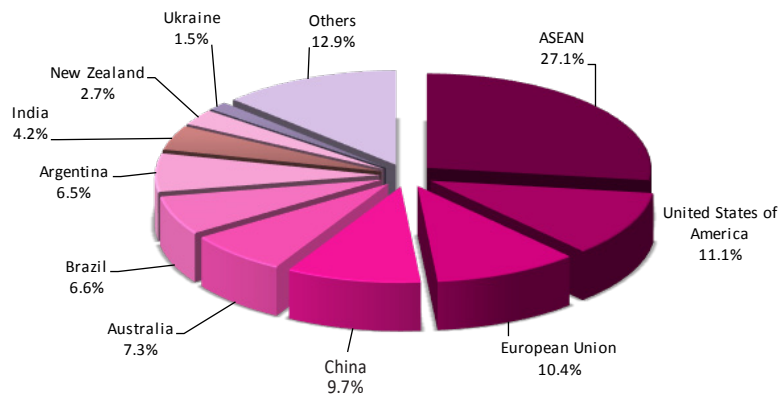


Table 10.17. ASEAN Major Markets of Selected Agricultural Export Commodities, 2013-2017

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
RICE, HUSKED AND BROKEN										
China	1,494.5	19.1	1,778.4	19.7	1,934.5	23.7	1,671.1	23.6	2,339.3	26.3
ASEAN	1,246.1	15.9	1,947.5	21.5	1,995.0	24.4	1,252.1	17.7	1,055.1	11.8
United States of America	489.1	6.2	485.2	5.4	441.4	5.4	396.1	5.6	410.5	4.6
Top 3	3,229.7	41.2	4,211.0	46.5	4,370.9	53.6	3,319.3	46.8	3,804.9	42.7
BANANA, FRESH										
Japan	330.0	32.9	401.3	32.8	180.6	32.0	237.8	24.6	277.5	25.7
China	196.8	19.6	326.4	26.7	204.0	36.1	445.1	46.1	481.3	44.6
Korea, Republic of	93.6	9.3	118.0	9.6	51.9	9.2	116.1	12.0	127.4	11.8
Top 3	620.4	61.8	845.7	69.1	436.4	77.3	798.9	82.8	886.2	82.1
PINEAPPLE PRODUCTS										
United States of America	309.4	36.5	307.5	34.6	413.1	36.2	432.4	38.1	348.2	31.7
European Union	232.4	27.4	240.0	27.0	284.9	25.0	291.8	25.7	325.0	29.6
Japan	36.3	4.3	36.0	4.1	44.9	3.9	46.1	4.1	41.5	3.8
Top 3	578.1	68.2	583.5	65.7	742.9	65.2	770.3	67.9	714.7	65.0
PALM OIL										
India	6,129.5	21.3	6,023.6	20.2	5,279.9	21.1	5,176.2	21.9	6,368.2	22.3
European Union	4,206.9	14.6	4,498.2	15.1	3,467.3	13.9	3,148.1	13.3	3,802.0	13.3
China	4,000.2	13.9	3,476.6	11.6	3,141.6	12.6	2,443.6	10.4	2,790.3	9.8
Top 3	14,336.6	49.8	13,998.4	46.9	11,888.8	47.5	10,767.9	45.6	12,960.5	45.4

Table 10.17. ASEAN Major Markets of Selected Agricultural Export Commodities, 2013-2017 (Continued)

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
COCONUT OIL										
United States of America	506.1	31.2	812.1	33.6	727.2	33.6	695.5	31.9	840.0	30.9
European Union	473.4	29.1	674.2	27.9	686.6	31.7	696.6	32.0	1,004.2	36.9
ASEAN	238.9	14.7	315.9	13.1	202.2	9.3	209.7	9.6	213.1	7.8
Top 3	1,218.4	75.0	1,802.2	74.7	1,616.0	74.6	1,601.8	73.5	2,057.3	75.6
SHRIMPS, PRAWNS, LOBSTER, OTH CRUST										
United States of America	1,656.3	32.1	2,260.1	37.9	1,442.5	33.2	1,719.1	35.4	1,910.4	32.0
Japan	1,232.4	23.9	1,086.9	18.2	866.9	20.0	888.1	18.3	1,017.5	17.0
China	544.4	10.5	493.4	8.3	452.5	10.4	498.7	10.3	850.9	14.3
Top 3	3,433.1	66.5	3,840.5	64.4	2,761.9	63.6	3,105.8	64.0	3,778.9	63.3
TOBACCO										
ASEAN	1,860.6	66.4	2,077.1	67.6	1,973.9	61.7	2,181.1	68.5	2,275.5	71.5
European Union	150.4	5.4	175.5	5.7	167.6	5.2	157.5	4.9	179.5	5.6
China	92.9	3.3	90.9	3.0	69.8	2.2	62.9	2.0	68.2	2.1
Top 3	2,103.9	75.1	2,343.4	76.3	2,211.3	69.2	2,401.6	75.4	2,523.2	79.3
CRUDE RUBBER										
China	7,465.9	36.6	4,817.5	33.9	3,803.3	33.7	3,271.8	32.4	4,667.7	33.3
European Union	2,392.5	11.7	1,742.3	12.3	1,363.8	12.1	1,276.1	12.7	1,817.0	13.0
United States of America	2,159.1	10.6	1,531.1	10.8	1,261.6	11.2	1,123.6	11.1	1,465.6	10.5
Top 3	12,017.5	58.9	8,090.9	57.0	6,428.7	56.9	5,671.6	56.2	7,950.3	56.8

Source:
ASEAN Secretariat

Table 10.18. ASEAN Major Origins of Selected Agricultural Import Commodities, 2013-2017

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
RICE, HUSKED AND BROKEN										
ASEAN	992.7	75.2	1,398.8	79.1	1,314.8	77.0	1,211.7	80.9	836.6	74.5
India	157.3	11.9	177.0	10.0	185.2	10.8	119.0	7.9	130.6	11.6
Pakistan	100.3	7.6	124.0	7.0	145.0	8.5	96.1	6.4	83.7	7.5
Top 3	1,250.3	94.7	1,699.8	96.1	1,645.1	96.3	1,426.8	95.3	1,050.9	93.5
BANANA, FRESH										
ASEAN	39.6	97.9	44.6	97.1	44.4	92.1	42.9	85.1	48.3	83.7
India	0.6	1.5	0.7	1.5	0.8	1.7	1.4	2.7	1.4	2.5
China	0.2	0.5	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.2
Top 3	40.4	99.8	45.4	98.9	45.3	93.9	44.4	88.1	49.8	86.5
PINEAPPLE PRODUCTS										
ASEAN	12.1	98.5	12.6	98.5	14.3	98.5	17.2	98.0	16.8	97.6
China	0.1	0.9	0.1	0.8	0.1	0.6	0.2	0.9	0.2	1.2
United States of America	0.0	0.3	0.0	0.2	0.0	0.1	0.0	0.1	0.1	0.3
Top 3	12.3	99.7	12.7	99.5	14.4	99.2	17.4	99.0	17.0	99.1
PALM OIL										
ASEAN	1,627.3	98.0	1,491.8	98.8	1,536.1	97.9	1,100.4	98.4	1,508.5	98.4
Papua New Guinea	17.5	1.1	15.9	1.1	18.0	1.1	8.3	0.7	16.5	1.1
India	14.9	0.9	1.3	0.1	14.6	0.9	0.5	0.0	0.0	0.0
Top 3	1,659.8	100.0	1,508.9	99.9	1,568.7	100.0	1,109.1	99.2	1,525.0	99.5

Table 10.18. ASEAN Major Origins of Selected Agricultural Import Commodities, 2013-2017 (Continued)

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
COCONUT OIL										
ASEAN	155.1	88.2	258.3	89.3	250.2	90.0	227.7	79.4	230.8	78.0
Australia	9.3	5.3	12.8	4.4	12.3	4.4	10.0	3.5	4.9	1.6
Papua New Guinea	4.2	2.4	6.6	2.3	7.0	2.5	14.6	5.1	34.8	11.7
Top 3	168.5	95.9	277.7	96.0	269.5	96.9	252.2	88.0	270.4	91.3
SHRIMPS, PRAWNS, LOBSTER, OTH CRUST										
India	254.3	33.2	424.6	38.3	390.4	44.0	321.4	37.7	392.6	35.1
ASEAN	170.9	22.3	194.4	17.5	155.1	17.5	168.8	19.8	238.7	21.4
China	127.2	16.6	219.8	19.8	88.0	9.9	50.2	5.9	68.6	6.1
Top 3	552.5	72.1	838.8	75.7	633.4	71.3	540.3	63.5	699.9	62.6
TOBACCO										
ASEAN	1,048.2	37.0	1,056.8	38.6	985.4	38.5	998.8	36.5	1,017.1	35.4
China	562.1	19.9	560.5	20.5	564.2	22.0	668.1	24.4	673.8	23.5
Brazil	262.1	9.3	251.6	9.2	219.5	8.6	219.6	8.0	278.7	9.7
Top 3	1,872.4	66.1	1,868.9	68.3	1,769.0	69.0	1,886.5	68.9	1,969.6	68.6
CRUDE RUBBER										
ASEAN	2,517.6	87.3	1,865.9	88.8	1,431.3	87.9	1,261.3	85.0	1,759.2	76.5
C ^t e d'Ivoire	188.7	6.5	144.2	6.9	128.7	7.9	159.1	10.7	393.5	17.1
India	62.2	2.2	14.1	0.7	4.9	0.3	9.8	0.7	34.0	1.5
Top 3	2,768.5	96.0	2,024.2	96.3	1,564.9	96.1	1,430.2	96.4	2,186.7	95.1

Source:
ASEAN Secretariat

Table 10.19. ASEAN Major Markets of Export of Selected Agricultural Inputs, 2013-2017

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
FERTILISER										
ASEAN	1,168.3	60.0	952.1	58.1	849.5	68.8	748.8	67.5	970.1	68.8
Australia	144.0	7.4	170.6	10.4	108.4	8.8	105.7	9.5	105.4	7.5
India	97.7	5.0	4.4	0.3	9.3	0.8	16.9	1.5	46.4	3.3
United States of America	79.8	4.1	134.3	8.2	57.8	4.7	42.1	3.8	9.8	0.7
Korea, Republic of	67.8	3.5	51.9	3.2	30.6	2.5	24.9	2.2	16.9	1.2
Top 5	1,557.7	80.0	1,313.3	80.2	1,055.6	85.5	938.4	84.6	1,148.6	81.5
AGRICULTURE PESTICIDES										
ASEAN	31.4	38.2	37.3	54.3	50.4	63.9	44.2	64.1	54.0	65.8
Australia	21.2	25.8	2.5	3.6	2.7	3.4	1.0	1.4	0.7	0.9
Japan	9.3	11.3	6.8	9.9	9.8	12.4	9.9	14.4	12.6	15.3
Taiwan	3.7	4.4	3.7	5.3	3.4	4.3	3.6	5.3	3.6	4.4
Saudi Arabia	3.1	3.8	0.6	0.9	1.9	2.4	0.9	1.3	1.5	1.8
Top 5	68.7	83.5	50.9	74.2	68.2	86.4	59.6	86.5	72.4	88.3

Source:
ASEAN Secretariat

Table 10.20. ASEAN Major Origins of Import of Selected Agricultural Inputs, 2013-2017

SELECTED PRODUCTS/ 2013 TOP 3 COUNTRIES	2013		2014		2015		2016		2017	
	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)	VALUE (Mn US \$)	SHARE (%)
FERTILISER										
China	1,999.0	23.8	2,171.8	28.6	2,322.1	31.7	1,918.5	31.7	1,660.6	25.3
Canada	1,155.8	13.8	880.6	11.6	811.6	11.1	648.5	10.7	659.0	10.0
ASEAN	1,026.0	12.2	823.7	10.8	813.9	11.1	725.6	12.0	985.3	15.0
Russian Federation	770.3	9.2	821.6	10.8	788.2	10.7	648.4	10.7	758.7	11.5
European Union	585.1	7.0	435.3	5.7	450.4	6.1	395.2	6.5	497.0	7.6
Top 5	5,536.2	65.9	5,133.0	67.6	5,186.3	70.7	4,336.2	71.7	4,560.6	69.4
AGRICULTURE PESTICIDES										
China	44.5	37.3	45.4	36.4	41.9	36.2	40.3	33.6	56.2	31.9
ASEAN	26.7	22.3	21.8	17.5	21.1	18.2	31.4	26.2	48.0	27.2
European Union	17.7	14.8	21.5	17.3	21.3	18.4	20.2	16.8	23.8	13.5
Japan	7.4	6.2	6.3	5.1	5.2	4.5	4.9	4.1	6.9	3.9
Taiwan	7.0	5.8	7.4	6.0	4.6	4.0	4.7	3.9	5.7	3.3
Top 5	103.3	86.5	102.4	82.2	94.1	81.3	101.3	84.7	140.6	79.8

Source:
ASEAN Secretariat

Table 10.21. ASEAN Exports of Fishery Products by 4 digit HS Code, 2008-2017

(in Million US\$)

HS Code	0301	0302	0303	0304	0305	0306	0307	0308	TOTAL EXPORT
DESCRIPTION	(Fish, live)	(Fish, fresh or chilled (excluding fillets or other fish meat))	(Fish, frozen (excluding fillets or other fish meat))	(Fish fillets & other fish meat, fresh, chilled or frozen (whether or not minced))	(Fish, dried, salted, in brine, smoked, fish meal for human consumption)	(Crustaceans, live, fresh, chilled, frozen, dried, salted, in brine, steamed, boiled)	(Molluscs & other aquatic invertebrates, live, fresh, chilled, frozen, dried, salted, in brine)	Aquatic invertebrates other than crustaceans and molluscs, live, fresh, etc; smoked aquatic invertebrates other than crustaceans & molluscs	
2008	244.4	520.0	804.5	1,784.9	240.3	4,047.3	1,025.7	-	8,667.1
2009	245.5	497.8	673.6	1,426.5	212.4	3,499.8	869.5	-	7,425.0
2010	297.3	579.0	933.6	2,569.9	289.4	4,881.3	1,087.2	-	10,637.5
2011	291.0	545.1	1,081.8	3,164.3	337.2	5,379.2	1,390.2	-	12,188.8
2012	436.9	745.4	1,156.4	3,385.9	445.7	4,967.3	1,264.0	79.0	12,480.6
2013	482.3	621.3	1,023.0	3,051.3	421.7	5,264.0	1,174.1	80.2	12,117.9
2014	354.9	498.3	1,047.7	3,234.0	349.8	6,097.2	1,226.0	77.7	12,885.5
2015	313.3	510.8	929.6	3,138.0	335.8	4,493.3	1,122.9	74.4	10,918.0
2016	331.1	485.9	1,122.1	3,183.2	409.2	5,053.9	1,272.2	53.4	11,911.1
2017	332.5	437.2	1,505.5	3,238.9	464.8	5,970.6	1,552.5	65.3	13,567.2

Source:
ASEAN Secretariat

Table 10.22. ASEAN Exports of Fishery Products, by Country, 2008-2017

(in Million US\$)

COUNTRY	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
2008	3.5	2.3	1,966.3	-	664.9	324.7	308.2	300.5	2,567.9	2,528.9	8,667.1
2009	-	4.0	1,709.5	-	541.2	259.8	268.2	242.5	2,473.6	1,926.1	7,425.0
2010	1.0	2.8	2,015.6	-	701.4	313.2	338.2	288.3	2,867.1	4,110.0	10,637.5
2011	1.5	3.1	2,439.5	-	769.2	316.6	367.7	319.7	3,053.8	4,917.6	12,188.7
2012	2.4	1.7	2,753.1	0.2	680.3	672.0	420.1	291.4	2,844.1	4,815.3	12,480.6
2013	3.8	1.2	2,856.4	0.1	622.9	699.4	558.2	255.7	2,129.6	4,990.7	12,117.9
2014	4.0	0.7	3,111.9	0.4	675.8	423.2	649.7	231.5	2,134.2	5,654.1	12,885.5
2015	3.1	0.5	2,649.8	0.1	504.8	446.5	504.4	264.7	1,766.8	4,777.4	10,918.0
2016	3.4	0.7	2,923.7	0.1	515.2	537.5	505.8	264.4	2,038.9	5,121.5	11,911.1
2017	4.8	0.6	3,271.5	0.0	509.5	662.2	595.2	294.0	2,133.4	6,096.0	13,567.2

Source:
ASEAN Secretariat

Table 10.23. ASEAN Imports of Fishery Products by 4 digit HS Code, 2008-2017

(in Million US\$)

HS Code	0301	0302	0303	0304	0305	0306	0307	0308	TOTAL EXPORT
DESCRIPTION	(Fish, live)	(Fish, fresh or chilled (excluding fillets or other fish meat))	(Fish, frozen (excluding fillets or other fish meat))	(Fish fillets & other fish meat, fresh, chilled or frozen (whether or not minced))	(Fish, dried, salted, in brine, smoked, fish meal for human consumption)	(Crustaceans, live, fresh, chilled, frozen, dried, salted, in brine, steamed, boiled)	(Molluscs & other aquatic invertebrates, live, fresh, chilled, frozen, dried, salted, in brine)	Aquatic invertebrates other than crustaceans and molluscs, live, fresh, etc; smoked aquatic invertebrates other than crustaceans & molluscs	
2008	71.0	321.1	2,433.6	232.0	82.0	402.2	248.1	-	3,790.0
2009	69.8	311.6	2,151.6	209.7	82.7	368.4	274.3	-	3,467.9
2010	79.0	372.8	2,454.8	250.3	110.3	458.0	335.5	-	4,060.7
2011	79.0	407.6	3,130.9	335.1	110.0	670.8	458.6	-	5,192.0
2012	83.2	415.9	3,416.8	373.4	127.9	768.6	430.9	33.8	5,650.6
2013	67.9	452.7	3,278.4	389.7	117.8	857.9	559.5	35.7	5,759.6
2014	64.8	448.6	2,790.1	473.1	107.1	1,202.7	591.9	41.2	5,719.6
2015	58.6	419.2	2,653.2	516.3	113.9	975.0	607.9	43.2	5,387.4
2016	62.3	530.3	3,022.9	516.1	133.3	940.9	729.4	35.6	5,970.8
2017	97.6	588.2	3,558.7	579.2	127.4	1,117.5	818.3	47.9	6,934.9

Source:
ASEAN Secretariat

Table 10.24. ASEAN Imports of Fishery Products by Country, 2008-2017

(in Million US\$)

COUNTRY	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
2008	20.0	1.0	105.8	1.5	499.4	0.0	89.3	617.6	2,267.1	188.3	3,790.0
2009	-	3.0	148.9	1.2	581.4	0.3	165.8	566.6	1,856.8	143.8	3,467.8
2010	30.3	1.4	216.3	1.2	683.5	0.3	134.3	657.7	2,026.0	309.5	4,060.6
2011	37.5	1.4	251.1	1.8	860.9	0.4	169.0	788.7	2,549.0	532.1	5,191.9
2012	31.1	0.7	207.9	17.7	906.7	0.8	228.6	765.8	2,877.6	613.6	5,650.6
2013	41.2	1.0	216.5	1.5	888.0	11.5	241.8	749.2	2,952.9	656.0	5,759.6
2014	36.1	2.0	210.4	1.8	959.9	2.9	262.4	760.8	2,530.3	952.9	5,719.6
2015	32.1	2.6	195.8	1.4	773.6	4.0	367.0	743.6	2,313.5	953.9	5,387.4
2016	31.9	4.1	235.0	1.2	774.6	2.1	395.9	790.5	2,728.8	1,006.6	5,970.8
2017	35.5	3.6	285.6	1.1	812.5	4.6	560.8	784.2	3,187.6	1,259.5	6,934.9

Source:
ASEAN Secretariat

Table 10.25. Production of Selected Agricultural Products, 2015

(Thousand Metric Ton)

PRODUCTS	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	TOTAL
CEREALS, TOTAL	1.6	9,735.0	95,010.3	5,618.3	1,818.9	28,634.9	25,669.2	-	32,786.5	50,393.9	249,668.6
Wheat	-	-	-	-	-	179.3	-	-	1.3	-	180.6
Coconuts	0.4	65.0	16,600.0	-	505.6	519.6	14,735.2	0.1	904.1	1,439.1	34,769.1
TOTAL FRUIT PRIMARY	6.8	374.7	20,687.7	1,219.0	1,322.2	2,519.2	16,624.3	0.0	10,648.4	8,634.6	62,037.0
Bananas	0.8	140.5	9,496.1	787.0	315.5	-	5,840.1	-	1,032.5	1,943.3	19,555.9
Mangoes	-	65.2	2,176.4	4.7	98.3	1.2	917.0	-	3,331.1	895.5	7,489.5
Citrus Fruit	0.5	71.1	1,856.2	98.9	39.9	-	211.1	-	1,005.1	1,037.5	4,320.2
OTHER CROPS											
Coffee, Green	-	0.4	639.4	135.9	5.9	8.3	72.3	-	26.1	1,453.0	2,341.4
Tea	-	-	132.6	6.3	9.8	100.2	-	-	49.1	236.0	533.9
Cocoa beans	-	-	593.3	-	1.7	-	6.0	-	0.1	-	601.2
NATURAL RUBBER	0.3	17.1	3,145.4	-	722.1	208.7	398.1	-	4,466.1	1,012.8	9,970.6
PALM OIL FRUIT	-	160.0	149,066.8	-	98,344.1	-	432.5	-	11,058.7	-	259,062.1
SWEET POTATOES	0.3	43.9	2,297.6	152.7	50.6	60.5	536.0	-	-	1,336.1	4,477.7
GROUNDNUTS	-	28.6	605.4	62.0	0.4	1,517.9	29.2	-	36.3	454.0	2,733.8

Source:
FAOSTAT database

Table 10.26. Production of Selected Agricultural Products, 2016

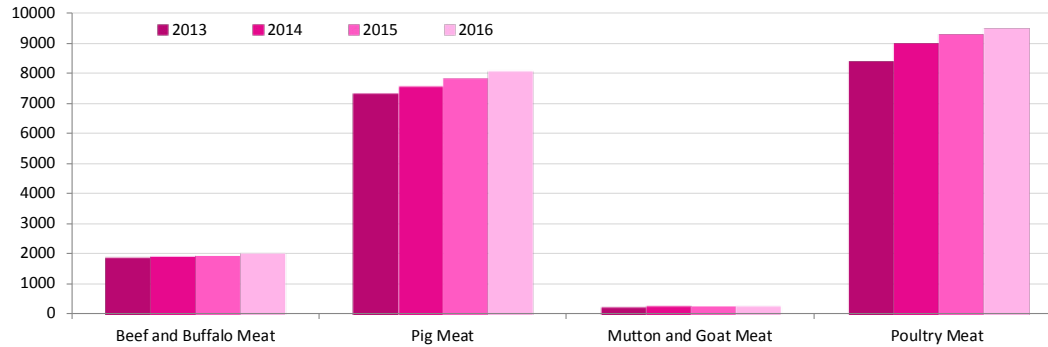
(Thousand Metric Ton)

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

Source:
FAOSTAT database

Graph 10.8. Trend of Livestock and Poultry Meat Production of ASEAN, 2013-2016

Production (000 Metric Ton)



Graph 10.9. Growth Rate of Livestock and Poultry Population, 2013-2016

In Percent

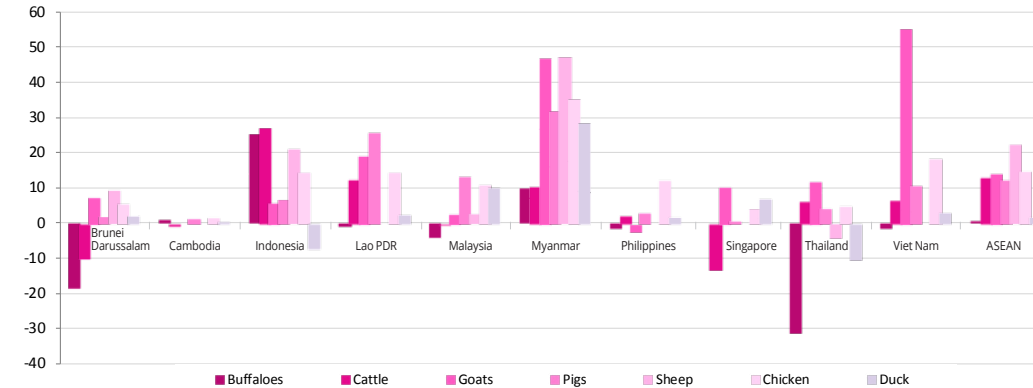


Table 10.27. Livestock and Poultry Population^{1/}, 2013-2016

Head / Thousand Head

ANIMAL TYPE	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2016											
LIVESTOCK POPULATION (HEAD)											
Buffaloes	1,916.0	681,980.0	1,386,280.0	1,177,000.0	118,608.0	3,641,079.0	2,864,039.0	-	886,796.0	2,519,411.0	13,275,193.0
Cattle	722.0	2,882,660.0	16,092,561.0	1,923,000.0	748,483.0	16,570,928.0	2,552,770.0	174.0	5,466,839.0	5,496,557.0	51,733,972.0
Goats	7,465.0	-	19,608,181.0	560,000.0	446,854.0	7,289,158.0	3,608,919.0	739.0	470,905.0	2,163,003.0	34,147,759.0
Pigs	1,250.0	2,182,494.0	8,114,488.0	3,700,000.0	2,304,261.0	16,524,336.0	12,199,442.0	274,036.0	7,940,843.0	29,075,315.0	82,315,215.0
Sheep	4,382.0	-	18,065,553.0	-	145,999.0	1,496,476.0	30,000.0	-	40,274.0	-	19,778,302.0
POULTRY POPULATION (THOUSAND HEAD)											
Chicken	20,080.0	13,250.0	2,053,397.0	35,150.0	305,058.0	296,267.0	183,429.0	3,650.0	272,319.0	277,189.0	3,439,709.0
Duck	235.0	8,343.0	47,360.0	3,530.0	10,656.0	23,627.0	10,329.0	802.0	13,711.0	71,286.0	189,644.0
2015											
LIVESTOCK POPULATION (HEAD)											
Buffaloes	2,327.0	682,000.0	1,346,917.0	1,165,000.0	118,569.0	3,531,898.0	2,854,838.0	-	762,915.0	2,524,000.0	12,986,137.0
Cattle	742.0	2,875,000.0	15,419,718.0	1,828,000.0	742,338.0	15,993,276.0	2,534,243.0	178.0	4,646,092.0	5,367,200.0	49,406,045.0
Goats	7,101.0	-	19,012,794.0	533,000.0	431,651.0	6,324,762.0	3,674,186.0	691.0	446,639.0	1,777,644.0	32,201,367.0
Pigs	1,259.0	2,180,000.0	7,808,087.0	3,258,000.0	2,286,823.0	15,055,885.0	11,999,722.0	269,662.0	7,638,977.0	27,750,700.0	78,247,856.0
Sheep	4,109.0	-	17,024,685.0	-	147,033.0	1,321,424.0	30,000.0	-	43,153.0	-	18,566,295.0
POULTRY POPULATION (THOUSAND HEAD)											
Chicken	20,779.0	13,000.0	1,968,641.0	34,422.0	286,621.0	318,530.0	176,469.0	3,534.0	273,643.0	259,295.0	3,334,155.0
Duck	230.0	8,300.0	45,322.0	3,534.0	9,897.0	23,662.0	10,067.0	776.0	15,073.0	69,547.0	186,178.0
2014											
LIVESTOCK POPULATION (HEAD)											
Buffaloes	2,400.0	680,000.0	1,335,147.0	1,153,000.0	121,259.0	3,422,374.0	2,847,445.0	-	1,020,088.0	2,521,400.0	13,100,713.0
Cattle	800.0	2,875,000.0	14,726,875.0	1,766,000.0	743,019.0	15,481,101.0	2,512,184.0	200.0	4,898,575.0	5,234,300.0	48,237,254.0
Goats	7,000.0	-	18,639,533.0	481,000.0	429,439.0	5,615,439.0	3,695,627.0	670.0	447,546.0	1,600,275.0	30,909,529.0
Pigs	1,300.0	2,180,000.0	7,694,130.0	3,122,000.0	2,188,991.0	13,760,958.0	11,801,656.0	270,000.0	7,591,530.0	26,761,400.0	75,370,665.0
Sheep	4,000.0	-	16,091,838.0	-	143,138.0	1,162,318.0	30,000.0	-	43,901.0	-	17,471,195.0
POULTRY POPULATION (THOUSAND HEAD)											
Chicken	20,000.0	13,000.0	1,865,126.0	32,408.0	280,270.0	258,194.0	167,671.0	3,500.0	266,962.0	245,978.0	3,133,109.0
Duck	230.0	8,300.0	45,268.0	3,500.0	9,418.0	20,128.0	9,886.0	750.0	15,222.0	68,507.0	180,979.0
2013											
LIVESTOCK POPULATION (HEAD)											
Buffaloes	2,350.0	676,000.0	1,109,636.0	1,190,000.0	123,646.0	3,317,766.0	2,912,842.0	-	1,288,812.0	2,559,539.0	13,178,241.0
Cattle	800.0	2,900,000.0	12,686,239.0	1,714,000.0	751,629.0	14,992,823.0	2,497,908.0	200.0	5,147,521.0	5,156,727.0	45,847,047.0
Goats	6,950.0	-	18,500,322.0	470,000.0	435,000.0	4,964,542.0	3,694,025.0	670.0	420,354.0	1,394,608.0	29,879,521.0
Pigs	1,225.0	2,150,000.0	7,598,694.0	2,948,000.0	2,035,971.0	12,566,827.0	11,843,051.0	272,000.0	7,605,891.0	26,264,408.0	73,284,842.0
Sheep	4,000.0	-	14,925,898.0	-	141,918.0	1,016,461.0	30,000.0	-	42,040.0	-	16,156,317.0
POULTRY POPULATION (THOUSAND HEAD)											
Chicken	19,000.0	13,000.0	1,793,022.0	30,727.0	274,932.0	219,377.0	163,386.0	3,500.0	259,242.0	234,509.0	2,991,695.0
Duck	230.0	8,300.0	50,931.0	3,450.0	9,692.0	18,442.0	10,135.0	750.0	15,257.0	69,137.0	186,094.0

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

Notes:
'-' not available as of date of compilation

Table 10.28. Livestock and Poultry Meat Production^{1/}, 2013-2016

(Thousands metric ton)

ANIMAL TYPE	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
2016											
Livestock production											
Beef and Buffalo Meat	0.4	65.0	561.1	53.5	50.2	449.4	305.1	0.0	144.8	395.2	2,024.7
Pig meat	0.0	111.1	342.3	82.7	218.3	874.0	1,790.1	18.9	944.6	3,664.6	8,046.6
Mutton and Goat Meat	0.1	-	114.8	2.2	4.5	93.0	57.9	0.0	2.0	13.3	287.8
Poultry production											
Poultry meat	27.4	27.0	2,147.2	31.9	1,671.4	1,662.6	1,238.2	100.1	1,670.5	868.0	9,444.3
TOTAL MEAT PRODUCTION	27.9	203.1	3,165.5	170.3	1,944.4	3,079.0	3,391.3	119.1	2,761.8	4,941.1	19,803.5
2015											
Livestock production											
Beef and Buffalo Meat	0.5	64.7	542.1	52.7	50.5	402.2	304.7	0.0	156.4	385.5	1,959.2
Pig meat	0.1	110.5	330.2	72.7	219.1	863.2	1,775.7	17.9	938.6	3,491.6	7,819.6
Mutton and Goat Meat	0.1	-	109.5	2.2	4.4	89.1	56.8	0.0	1.9	12.2	276.2
Poultry production											
Poultry meat	28.3	26.3	2,065.7	31.3	1,633.4	1,648.0	1,222.0	83.6	1,703.2	823.2	9,265.0
TOTAL MEAT PRODUCTION	28.8	201.5	3,047.5	158.9	1,907.4	3,002.6	3,359.3	101.5	2,800.1	4,712.5	19,320.0
2014											
Livestock production											
Beef and Buffalo Meat	0.6	65.5	532.9	50.4	52.9	369.4	301.5	0.0	161.9	378.8	1,913.7
Pig meat	0.1	111.7	302.3	69.2	217.6	821.1	1,690.7	17.0	948.9	3,351.2	7,529.7
Mutton and Goat Meat	0.1	-	108.8	1.9	4.5	75.7	55.4	0.0	2.0	10.1	258.5
Poultry production											
Poultry meat	26.9	27.0	1,972.4	29.9	1,572.8	1,526.3	1,151.7	95.0	1,813.5	730.9	8,946.3
TOTAL MEAT PRODUCTION	27.5	204.1	2,916.4	151.3	1,847.8	2,792.5	3,199.3	112.1	2,926.3	4,470.9	18,648.2
2013											
Livestock production											
Beef and Buffalo Meat	0.7	69.9	542.7	49.4	51.7	344.5	296.9	0.1	166.2	370.9	1,892.9
Pig meat	0.1	103.5	298.4	64.6	217.4	730.5	1,681.1	19.0	967.3	3,228.7	7,310.6
Mutton and Goat Meat	0.1	-	106.7	1.8	4.7	66.5	54.7	0.0	2.2	8.1	244.6
Poultry production											
Poultry meat	26.9	26.9	1,872.5	28.6	1,458.1	1,378.6	1,119.6	99.0	1,668.1	678.2	8,356.5
TOTAL MEAT PRODUCTION	27.6	200.3	2,820.2	144.3	1,731.9	2,520.2	3,152.3	118.1	2,803.8	4,285.9	17,804.7

Sources:
FAO database, <http://faostat.fao.org/>;
as of November 2018, some data are not available

Notes:
‘-’ not available as of date of compilation
Some figures from the FAO are unofficial estimates: Cambodia (all); Lao PDR (goat meat); Indonesia (pork); Malaysia (buffalo and goat meat); Myanmar (beef, buffalo meat and pork); Philippines (mutton and lamb); Thailand (all except poultry meat); and Viet Nam (buffalo and goat meat)

CHAPTER 11

MANUFACTURING



Table 11.1. Number of Manufacturing Establishments and Persons Engaged^{*)}, by Establishment Size^{)}: 2008-2017**

COUNTRY	YEAR	Number of Establishments			Number of Persons Engaged (in persons)		
		10 and over	20 and over	100 and over	10 and over	20 and over	100 and over
Cambodia	2009	8,172.0	4,259.0	692.0	105,073	148,578	372,765
	2014	9,412	4,204	139,756	126,627	147,978	530,208
Indonesia	2008	-	18,829	6,865	-	709,869	3,748,063
	2009	-	17,704	6,764	-	670,735	3,674,439
	2010	-	16,535	6,810	-	632,319	3,868,826
	2011	-	16,295	7,075	-	617,531	4,011,838
	2012	-	16,591	7,001	-	625,920	4,302,919
	2013	-	16,599	7,099	-	690,130	4,314,782
	2014	-	17,055	6,689	-	707,221	4,473,310
	2015	-	18,495	7,827	-	753,360	4,493,975
Malaysia	2008	4,448	7,083	3,409	60,300	327,400	1,317,000
	2009	4,301	6,743	3,247	58,000	308,000	1,264,800
	2010	4,756	6,812	3,390	64,300	307,500	1,352,500
	2012	-	-	-	62,000	309,000	1,543,000
	2014	-	-	-	52,000	357,100	1,606,000
	2015	6,787	9,318	3,822	94,300	411,900	1,494,000
Myanmar	2008	33,458	6,832	3,722	172	4,981	54,795
	2009	30,557	6,700	3,826	158	4,844	51,293
	2010	31,923	7,081	4,317	171	4,758	46,556
	2011	31,198	7,360	4,860	213	4,887	44,532
	2012	30,725	7,635	5,141	329	4,287	41,913
	2013	30,187	7,988	5,406	279	3,714	41,037
	2014	30,287	8,576	5,778	252	3,143	34,438
	2015	30,795	9,239	6,119	329	4,256	32,976
	2016	31,590	9,948	6,793	338	4,122	36,048
	2017	32,044	10,777	7,556	335	4,233	34,763
Philippines	2008		16,364			-	
	2009		17,094			-	
	2010		16,269			-	
	2011		-			-	
	2012		25,064			-	
	2013		25,149			-	
	2014		25,197			-	
	2014		24,496			-	

COUNTRY	YEAR	Number of Establishments			Number of Persons Engaged (in persons)		
		10 and over	20 and over	100 and over	10 and over	20 and over	100 and over
Singapore	2008	1,413	1,906	858	19,031	87,474	311,715
	2009	1,513	2,045	818	20,136	92,345	286,289
	2010	1,633	1,957	806	22,226	88,006	285,899
	2011	1,604	1,894	800	21,460	85,207	292,725
	2012	1,838	1,796	809	23,800	83,400	297,100
	2013	1,843	1,791	809	24,600	82,800	295,300
	2014	1,985	1,728	782	26,100	80,600	287,500
	2015	1,822	1,715	749	24,400	81,250	277,290
	2016	2,028	1,692	704	26,860	79,420	258,890
	2017	126,664	70,038	15,156	8,388,324	7,625,976	5,464,805
Thailand	2008	120,399	65,114	12,821	7,339,987	6,591,537	4,577,015
	2009	113,404	62,475	12,639	7,107,717	6,417,072	4,504,373
	2010	14,841	18,368	5,903		3,563,762	
	2011	15,609	19,294	6,068		3,638,016	
	2012	16,392	20,291	6,277		3,691,585	
	2013	17,510	21,421	6,513		3,783,647	
	2014	18,531	22,581	6,735		3,791,050	
	2015	19,554	23,710	6,955		3,650,782	
	2016	19,329	25,769	7,040		-	
	2017	5,486	8,700	5,954	71,923	384,742	3,214,390
Viet Nam	2008	7,780	9,897	6,166	103,880	427,125	3,321,845
	2009	8,734	10,678	6,470	113,688	464,725	3,411,997
	2010	8,398	12,142	7,097	111,315	524,455	3,707,754
	2011	9,983	13,756	7,489	132,962	593,303	4,037,063
	2012	10,058	13,779	7,434	133,674	583,713	4,152,467
	2013	10,069	13,946	7,623	133,563	598,651	4,479,688
	2014	10,680	14,841	7,977	141,922	628,628	4,924,210
	2015	11,342	15,060	8,456	150,082	652,328	5,293,036
	2016	12,414	16,395	9,094	164,505	706,864	5,729,042

Source:
ASEAN Secretariat

Note:

‘-’ not available at the time of publication

*) In terms of Number of Persons Engaged

***) Establishment size is defined based on the numbers of employment/persons engaged, and classified into : (1) 10 and over; (2) 20 and over; (3) 100 and over

Table 11.2. Gross Domestic Products (GDP) Share, Exports and Imports Share of Manufacturing Sector, 2015-2017

COUNTRY	Industry share to GDP ^{*)}			Employment Share ^{**)}			Exports Share			Imports Share		
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
Brunei Darussalam	63.4	63.1	63.2	-	-	-	6.7	11.8	10.2	75.9	70.4	73.7
Cambodia	32.1	33.1	33.1	-	-	-	94.6	95.2	94.7	81.1	83.1	81.4
Indonesia	40.9	40.5	40.1	13.3	13.1	13.3	53.8	56.9	54.0	70.8	72.7	71.3
Lao PDR	32.2	32.2	35.1	-	-	-	55.9	45.5	47.1	71.8	69.0	70.6
Malaysia	38.8	38.8	38.4	16.5	16.9	17.4	72.1	73.8	73.4	77.3	79.5	77.8
Myanmar	30.0	30.9	31.5	-	-	-	21.5	33.8	40.3	72.5	67.8	65.4
Philippines	33.5	33.9	34.0	8.1	8.1	-	87.7	87.6	88.3	74.9	76.3	73.8
Singapore	23.7	23.9	59.1	11.1	10.5	10.3	79.2	81.1	78.8	73.2	76.4	72.3
Thailand	36.7	36.5	36.0	16.4	16.2	-	81.3	82.5	82.0	78.3	80.2	79.3
Viet Nam	32.5	34.6	35.0	15.3	16.6	-	81.6	83.3	84.4	85.0	85.0	85.2
TOTAL IN PERCENT							70.1	75.0	76.1	76.4	78.4	76.6
TOTAL IN MILLION US \$							878,750	886,177	1,006,629	841,710	851,248	958,810

Source:
ASEAN Secretariat

Note:
 ‘-’ not available at the time of publication
 *) Based on Gross Domestic Products (GDP) at constant price for Industry Sector, based on Table 4.6
 **) Based on Table 3.9 ASEAN Statistical Yearbook 2018

Table 11.3. Number of Establishments by Division of Industry

DIVISION OF INDUSTRY	Brunei Darussalam	Cambodia	Indonesia ^{1/}	Malaysia	Myanmar	Philippines ^{1/}	Singapore	Thailand	Viet Nam
	2010	2011	2015	2015	2017	2015	2016	2016	2016
10 Manufacture of food products ¹⁾	66	27,624	6,453	8,063	28,321	10,118	948	8,739	7,137
11 Manufacture of beverages	5	4,433	422	432	1,009	2,454	-	751	2,291
12 Manufacture of tobacco products	-	33	940	26	138	14	-	108	23
13 Manufacture of textiles	23	8,919	2,612	1,224	1,800	369	100	2,657	3,150
14 Manufacture of wearing apparel	454	15,928	2,360	7,512	1,186	1,680	394	2,228	6,413
15 Manufacture of leather and related products	-	277	738	375	215	290	15	1,014	1,908
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	19	1,955	1,220	1,794	2,390	509	147	6,067	4,676
17 Manufacture of paper and paper products	-	35	508	936	330	355	88	1,306	2,448
18 Printing and reproduction of recorded media	28	283	616	3,213	480	1,562	874	2,548	5,601
19 Manufacture of coke and refined petroleum products	-	2	81	124	108	15	17	815	124
20 Manufacture of chemicals and chemical products	4	144	1,075	1,473	322	591	282	3,390	3,370
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	10	256	371	71	285	53	395	484
22 Manufacture of rubber and plastics products	3	46	1,875	2,628	1,207	844	279	8,309	5,040
23 Manufacture of other non-metallic mineral products	21	2,823	1,714	2,072	1,700	720	130	7,520	4,482
24 Manufacture of basic metals	8	37	330	1,557	595	357	36	1,112	1,174
25 Manufacture of fabricated metal products, except machinery and equipment	20	4,713	1,022	5,376	2,789	1,175	1,246	12,552	13,065
26 Manufacture of computer, electronics and optical products	5	4	365	985	-	291	322	1,347	1,399
27 Manufacture of electrical equipment	-	8	345	999	96	207	235	2,808	1,380
28 Manufacture of machinery and equipment n.e.c.	-	20	407	1,940	247	242	1,659	5,326	1,723
29 Manufacture of motor vehicles, trailers and semi-trailers	-	3	412	742	312	228	67	2,731	491
30 Manufacture of other transport equipment	4	81	380	380	46	132	981	592	737
31 Manufacture of furniture	13	1,195	1,400	2,521	734	980	604	3,972	4,172
32 Other manufacturing	3	1,827	654	1,490	524	395	511	13,209	1,745
33 Repair and installation of machinery and equipment	19	926	137	2,868	7,117	628	-	1,613	2,318
ALL INDUSTRIES	695	71,326	26,322	49,101	51,737	24,441	8,988	91,109	75,351

Source: ASEAN Secretariat

Note:

^{1/} not available at the time of publication

^{*)} Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore

^{1/} Covers establishments with total employment of 20 and over

Table 11.4. Percentage Distribution of Establishments by Division of Industry

DIVISION OF INDUSTRY	Brunei Darussalam	Cambodia	Indonesia ^{1/}	Malaysia	Myanmar	Philippines ^{1/}	Singapore	Thailand	Viet Nam
	2010	2011	2015	2015	2017	2015	2016	2016	2016
10 Manufacture of food products ^{*)}	9.5	38.7	24.5	16.4	54.7	41.4	10.5	0.1	9.5
11 Manufacture of beverages	0.7	6.2	1.6	0.9	2.0	10.0	-	0.8	3.0
12 Manufacture of tobacco products	0.0	0.0	3.6	0.1	0.3	0.1	-	0.1	0.0
13 Manufacture of textiles	3.3	12.5	9.9	2.5	3.5	1.5	1.1	2.9	4.2
14 Manufacture of wearing apparel	65.3	22.3	9.0	15.3	2.3	6.9	4.4	2.4	8.5
15 Manufacture of leather and related products	0.0	0.4	2.8	0.8	0.4	1.2	0.2	1.1	2.5
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2.7	2.7	4.6	3.7	4.6	2.1	1.6	6.7	6.2
17 Manufacture of paper and paper products	0.0	0.0	1.9	1.9	0.6	1.5	1.0	1.4	3.2
18 Printing and reproduction of recorded media	4.0	0.4	2.3	6.5	0.9	6.4	9.7	2.8	7.4
19 Manufacture of coke and refined petroleum products	0.0	0.0	0.3	0.3	0.2	0.1	0.2	0.9	0.2
20 Manufacture of chemicals and chemical products	0.6	0.2	4.1	3.0	0.6	2.4	3.1	3.7	4.5
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.0	0.0	1.0	0.8	0.1	1.2	0.6	0.4	0.6
22 Manufacture of rubber and plastics products	0.4	0.1	7.1	5.4	2.3	3.5	3.1	9.1	6.7
23 Manufacture of other non-metallic mineral products	3.0	4.0	6.5	4.2	3.3	2.9	1.4	8.3	5.9
24 Manufacture of basic metals	1.2	0.1	1.3	3.2	1.2	1.5	0.4	1.2	1.6
25 Manufacture of fabricated metal products, except machinery and equipment	2.9	6.6	3.9	10.9	5.4	4.8	13.9	13.8	17.3
26 Manufacture of computer, electronics and optical products	0.7	0.0	1.4	2.0	0.0	1.2	3.6	1.5	1.9
27 Manufacture of electrical equipment	0.0	0.0	1.3	2.0	0.2	0.8	2.6	3.1	1.8
28 Manufacture of machinery and equipment n.e.c.	0.0	0.0	1.5	4.0	0.5	1.0	18.5	5.8	2.3
29 Manufacture of motor vehicles, trailers and semi-trailers	0.0	0.0	1.6	1.5	0.6	0.9	0.7	3.0	0.7
30 Manufacture of other transport equipment	0.6	0.1	1.4	0.8	0.1	0.5	10.9	0.6	1.0
31 Manufacture of furniture	1.9	1.7	5.3	5.1	1.4	4.0	6.7	4.4	5.5
32 Other manufacturing	0.4	2.6	2.5	3.0	1.0	1.6	5.7	14.5	2.3
33 Repair and installation of machinery and equipment	2.7	1.3	0.5	5.8	13.8	2.6	-	1.8	3.1
ALL INDUSTRIES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: ASEAN Secretariat

Note:

n.a. not applicable

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

1/ Covers establishments with total employment of 20 and over

Table 11.5. Number of Persons Engaged in Establishments by Division of Industry

DIVISION OF INDUSTRY	Brunei Darussalam	Cambodia	Indonesia ^{1/}	Malaysia	Myanmar	Philippines ^{1/}	Singapore	Thailand	Viet Nam
	2010	2011	2015	2015	2017	2015	2016	2015	2016
10 Manufacture of food products ¹⁾	1.1	68.3	719.1	256.9	2.4	281.8	29.6	456.2	553.9
11 Manufacture of beverages	1.0	12.9	46.4	14.8	0.0	28.4	0.0	32.4	49.3
12 Manufacture of tobacco products	0.0	2.3	331.1	2.2	0.0	10.3	0.0	0.0	11.1
13 Manufacture of textiles	0.2	39.0	542.3	29.9	8.1	28.6	0.7	247.0	278.6
14 Manufacture of wearing apparel	2.8	294.4	594.7	61.5	2.4	110.5	2.0	294.6	1,427.4
15 Manufacture of leather and related products	0.0	40.9	324.7	10.8	0.0	29.7	0.5	98.2	1,209.2
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.6	7.4	195.9	103.1	4.6	21.9	2.6	142.3	133.7
17 Manufacture of paper and paper products	0.0	1.3	194.8	53.7	2.5	24.5	3.3	0.0	114.4
18 Printing and reproduction of recorded media	0.8	3.8	131.0	56.9	1.1	28.8	13.8	0.0	73.4
19 Manufacture of coke and refined petroleum products	0.0	0.1	78.8	16.9	0.9	3.1	4.4	13.3	5.6
20 Manufacture of chemicals and chemical products	0.2	9.2	218.7	101.5	0.1	33.1	18.1	117.0	130.9
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.0	0.3	65.5	17.3	2.2	14.6	6.9	0.0	51.3
22 Manufacture of rubber and plastics products	0.0	1.2	390.3	240.4	1.6	65.0	9.9	406.0	303.0
23 Manufacture of other non-metallic mineral products	0.6	18.3	169.2	98.7	3.8	35.4	4.8	165.6	294.3
24 Manufacture of basic metals	0.1	0.5	85.8	97.3	8.0	20.8	2.2	58.3	91.2
25 Manufacture of fabricated metal products, except machinery and equipment	0.3	15.4	186.9	136.1	0.2	58.7	39.3	301.9	339.5
26 Manufacture of computer, electronics and optical products	0.2	0.0	142.1	356.3	0.0	259.1	79.7	0.0	612.3
27 Manufacture of electrical equipment	0.0	0.2	113.3	86.2	0.4	35.8	8.2	361.9	178.4
28 Manufacture of machinery and equipment n.e.c.	0.0	0.1	80.5	86.0	1.4	20.0	61.4	188.8	74.4
29 Manufacture of motor vehicles, trailers and semi-trailers	0.0	0.0	142.5	82.9	1.5	82.6	2.9	0.0	128.0
30 Manufacture of other transport equipment	0.1	1.8	75.2	43.3	0.2	32.2	68.4	302.0	118.7
31 Manufacture of furniture	0.3	3.7	173.5	84.7	1.2	26.8	8.0	108.5	354.5
32 Other manufacturing	0.6	6.8	145.9	37.9	2.1	26.8	18.2	356.8	171.7
33 Repair and installation of machinery and equipment	0.2	2.4	8.5	43.8	0.0	11.8	0.0	0.0	53.1
ALL INDUSTRIES	9.1	530	5,157	2,119	45	1,290	385	3,651	6,758

Source:
ASEAN Secretariat

Note:
^{1/} not available at the time of publication
^{*)} Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore

Table 11.6. Number of Persons Engaged per Establishment by Division of Industry

DIVISION OF INDUSTRY	Brunei Darussalam	Cambodia	Indonesia ^{1/}	Malaysia	Myanmar	Philippines ^{1/}	Singapore	Thailand	Viet Nam
	2010	2011	2015	2015	2017	2015	2016	2016	2016
10 Manufacture of food products ^{*)}	16.1	2.5	111.4	31.9	0.1	27.9	31.3	52.2	77.6
11 Manufacture of beverages	194.0	2.9	109.9	34.3	0.0	11.6	-	43.1	21.5
12 Manufacture of tobacco products	-	70.7	352.2	84.6	-	735.7	-	-	482.7
13 Manufacture of textiles	6.9	4.4	207.6	24.4	4.5	77.5	6.9	93.0	88.4
14 Manufacture of wearing apparel	6.2	18.5	252.0	8.2	2.0	65.8	5.1	132.2	222.6
15 Manufacture of leather and related products	-	147.5	439.9	28.8	-	102.4	32.0	96.8	633.8
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	29.8	3.8	160.6	57.5	1.9	43.0	17.5	23.5	28.6
17 Manufacture of paper and paper products	-	36.1	383.4	57.4	7.6	69.0	37.8	-	46.7
18 Printing and reproduction of recorded media	26.8	13.4	212.6	17.7	-	18.4	15.8	-	13.1
19 Manufacture of coke and refined petroleum products	-	28.5	972.9	136.3	8.6	206.7	257.1	16.3	45.1
20 Manufacture of chemicals and chemical products	51.3	63.6	203.4	68.9	0.3	56.0	64.2	34.5	38.8
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	30.9	255.8	46.6	31.0	51.2	130.9	-	106.0
22 Manufacture of rubber and plastics products	12.7	26.9	208.2	91.5	1.4	77.0	35.3	48.9	60.1
23 Manufacture of other non-metallic mineral products	30.4	6.5	98.7	47.6	-	49.2	36.5	22.0	65.7
24 Manufacture of basic metals	18.0	13.6	260.0	62.5	13.5	58.2	61.1	52.4	77.7
25 Manufacture of fabricated metal products, except machinery and equipment	13.8	3.3	182.9	25.3	0.1	50.0	31.5	24.0	26.0
26 Manufacture of computer, electronics and optical products	31.4	3.8	389.2	361.7	-	890.2	247.4	-	437.7
27 Manufacture of electrical equipment	-	29.5	328.4	86.3	4.0	172.9	34.9	128.9	129.3
28 Manufacture of machinery and equipment n.e.c.	-	6.0	197.9	44.3	5.5	82.6	37.0	35.5	43.2
29 Manufacture of motor vehicles, trailers and semi-trailers	-	5.0	345.8	111.7	4.8	362.3	42.8	-	260.7
30 Manufacture of other transport equipment	18.3	21.7	197.9	113.9	3.3	243.9	69.8	510.2	161.1
31 Manufacture of furniture	26.0	3.1	124.0	33.6	1.6	27.3	13.3	27.3	85.0
32 Other manufacturing	213.7	3.7	223.1	25.4	3.9	67.8	35.5	27.0	98.4
33 Repair and installation of machinery and equipment	12.1	2.6	62.0	15.3	-	18.8	-	-	22.9
ALL INDUSTRIES	13.0	7.4	195.9	43.2	0.9	52.8	42.8	40.1	89.7

Source:
ASEAN Secretariat,
computed from Table X.3. and Table X.5.

Note:
n.a. not applicable
*) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore
1/ Covers establishments with total employment of 20 and over

Table 11.7. Value Added per Person Engaged in Establishments by Division of Industry^{*)}

DIVISION OF INDUSTRY	Indonesia ^{1/}	Malaysia	Philippines ^{2/}	Singapore	Thailand
	2015	2015	2015	2015	2012
10 Manufacture of food products ^{**)}	35,993.4	10,697.1	567.0	31,170.0	13,582.8
11 Manufacture of beverages	42,592.6	282,721.6	28,067.0	-	-
12 Manufacture of tobacco products	29,903.2	10,295,185.7	226,423.8	-	28,776.4
13 Manufacture of textiles	11,766.1	61,696.9	1,873.2	355,947.8	5,509.3
14 Manufacture of wearing apparel	7,540.2	15,224.8	429.7	147,826.5	4,467.9
15 Manufacture of leather and related products	13,630.5	120,999.5	2,072.5	1,844,623.9	6,290.3
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	14,942.9	12,945.7	3,577.3	145,700.5	3,677.2
17 Manufacture of paper and paper products	20,591.1	38,227.4	5,718.4	151,683.5	14,933.3
18 Printing and reproduction of recorded media	7,422.6	27,336.8	2,597.4	37,846.7	8,434.8
19 Manufacture of coke and refined petroleum products	3,635.6	3,123,784.0	822,983.7	771,261.7	64,484.2
20 Manufacture of chemicals and chemical products	74,292.2	59,124.2	11,078.8	273,777.2	19,560.7
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	17,379.8	123,499.7	15,941.6	1,660,256.4	-
22 Manufacture of rubber and plastics products	25,559.7	7,420.3	1,612.5	54,149.6	20,084.6
23 Manufacture of other non-metallic mineral products	46,786.2	29,231.0	9,033.4	113,485.2	13,215.1
24 Manufacture of basic metals	68,327.2	23,731.7	11,628.5	266,576.1	33,016.6
25 Manufacture of fabricated metal products, except machinery and equipment	13,899.6	19,557.7	1,490.0	12,106.6	10,904.7
26 Manufacture of computer, electronics and optical products	33,038.5	10,454.7	659.2	20,360.1	58,776.4
27 Manufacture of electrical equipment	46,224.5	28,259.5	5,128.7	92,236.3	19,062.8
28 Manufacture of machinery and equipment n.e.c.	44,993.6	27,705.6	8,626.5	12,619.1	21,880.9
29 Manufacture of motor vehicles, trailers and semi-trailers	102,837.6	44,076.6	4,658.0	349,972.6	41,142.2
30 Manufacture of other transport equipment	48,922.9	60,653.0	7,028.4	8,699.4	22,850.6
31 Manufacture of furniture	9,166.4	13,900.6	2,361.1	36,481.9	6,853.2
32 Other manufacturing	11,175.8	49,477.2	2,856.0	83,269.3	56,000.7
33 Repair and installation of machinery and equipment	44,580.0	38,409.6	6,010.8	-	-
ALL MANUFACTURING	27,240.5	60,752.6	6,974.1	83,923.8	14,825.9

Source:
ASEAN Secretariat

Note:

^{1/} not available at the time of publication

^{*)} In terms of Number of Persons Engaged

^{**)} Division 10 combines manufacture of food and beverages for Thailand; and combines food/beverages/tobacco for Singapore

^{1/} Covers establishments with total employment of 20 and over

^{2/} Covers establishments with total employment of 20 and over; preliminary result

Table 11.8. Index of Industrial Production for All Manufacturing Industries, 2008-2017

INDICATOR / YEAR	Cambodia	Indonesia	Malaysia	Philippines	Singapore	Thailand	Viet Nam
	(2000=100)	(2010=100)	(2010=100)	(2000=100)	(2011=100)	(2000=100)	(2006=100)
INDEX							
2008	151.2	-	100.9	148.7	75.1	182.6	96.0
2009	-	-	93.3	129.2	72.0	170.0	83.8
2010	-	100.0	100.0	151.0	93.4	194.2	93.7
2011	-	104.1	105.7	154.2	100.6	100.0	94.9
2012	-	108.4	111.3	165.1	101.0	110.1	105.8
2013	-	114.9	116.0	174.0	102.7	112.2	105.9
2014	-	120.4	123.0	184.8	105.4	107.7	107.6
2015	-	126.1	128.9	-	100.0	107.7	109.8
2016	-	131.1	134.4	-	103.7	109.2	107.4
2017	-	137.4	142.6	-	114.5	111.9	109.5
ANNUAL CHANGE							
2008	1.5	-	0.7	4.4	-4.2	4.5	-5.4
2009	-	-	-7.5	-13.1	-4.2	-6.9	-12.7
2010	-	-	7.2	16.9	29.7	14.2	11.8
2011	-	4.1	5.7	2.1	7.8	-48.5	1.3
2012	-	4.1	5.3	7.1	0.3	10.1	11.5
2013	-	6.0	4.2	5.4	1.7	1.9	0.1
2014	-	4.8	6.0	6.2	2.7	-4.0	1.6
2015	-	4.8	4.8	-	-5.1	0.0	2.0
2016	-	8.9	10.6	-	14.5	3.9	-0.2

Source:
ASEAN Secretariat

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

Table 11.9. Selected Index of Industrial Production: Indonesia 2010-2017*(2010=100; annual change in percent)*

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

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

(2010=100; annual change in percent)

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

Source:
ASEAN Secretariat

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

Table 11.10. Selected Index of Industrial Production: Malaysia, 2010-2017*(2010=100; annual change in percent)*

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

Table 11.10. Selected Index of Industrial Production: Malaysia, 2010-2017 (Continued)*(2010=100; annual change in percent)*

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

Source:
ASEAN Secretariat

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

Table 11.11. Selected Index of Industrial Production: Philippines, 2008-2017*(2010=100; annual change in percent)*

DIVISON OF INDUSTRY		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
INDEX OF INDUSTRIAL PRODUCTION											
10	Manufacture of food products	237.1	222.0	239.2	218.2	265.5	247.7	260.5	224.6	275.4	293.4
11	Manufacture of beverages	173.0	123.3	141.7	168.9	173.9	173.5	227.3	234.8	262.8	265.8
12	Manufacture of tobacco products	26.8	27.4	14.8	12.3	9.6	9.6	7.6	13.6	14.9	13.3
13	Manufacture of textiles	76.9	75.1	81.7	81.2	81.0	57.6	66.2	73.3	66.1	46.4
14	Manufacture of wearing apparels	113.4	83.8	71.2	72.7	137.7	121.1	100.9	93.8	86.9	68.7
15	Manufacture of leather and related products	6.1	3.6	4.3	4.0	4.8	5.4	6.2	6.6	1.2	1.2
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	69.2	69.5	76.4	61.2	67.3	70.8	77.8	55.2	56.9	62.3
17	Manufacture of paper and paper products	106.6	85.2	93.7	103.9	95.4	80.3	82.9	92.1	94.2	97.8
18	Printing and reproduction of recorded media	130.2	131.0	137.5	136.3	146.9	151.6	443.3	446.7	451.7	546.4
19	Manufacture of coke and refined petroleum products	169.4	101.7	158.6	199.6	191.4	169.5	172.8	128.1	118.3	140.9
20	Manufacture of chemicals and chemical products	161.0	160.3	160.2	193.4	194.0	409.0	417.2	464.0	462.1	230.0
21	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	158.5	179.4	167.8	186.9	193.9	971.5	1,039.4	1,208.0	1,435.9	n.a.
22	Manufacture of rubber and plastic products	118.4	114.5	136.8	160.3	167.3	162.6	163.0	160.7	192.3	163.6
23	Manufacture of other non-methalic mineral products	78.2	89.3	117.0	141.4	159.2	121.0	59.6	55.4	61.1	n.a.
24	Manufacture of basic metals	248.3	200.5	249.7	249.8	210.4	253.6	240.5	232.3	262.1	384.9
25	Manufacture of fabricated metal products, except machinery and equipment	304.7	287.1	333.6	352.5	331.6	305.9	390.3	389.3	326.0	393.6
26	Manufacture of computers, electronic and optical products	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	123.1	n.a.	n.a.
27	Manufacture of electrical equipment	115.9	101.6	126.4	117.1	123.0	122.7	128.1	49.2	n.a.	n.a.
28	Manufacture of machinery and equipment n.e.c	40.0	35.8	43.4	29.9	32.3	39.9	47.6	n.a.	182.5	182.0
29	Manufacture of motor vehicle, trailers and semi-trailers	117.9	112.5	150.1	141.2	182.8	139.9	142.6	148.2	n.a.	n.a.
30	Manufacture of other transport equipment	-	-	-	-	-	-	-	148.3	181.2	207.5
31	Manufacture of furniture	133.1	87.4	71.2	88.8	109.4	126.5	123.8	89.0	64.6	71.9
32	Other manufacturing	100.9	100.7	141.4	161.1	130.1	82.0	75.7	81.7	n.a.	n.a.
33	Repair and installation of machinery and equipment	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
ALL MANUFACTURING		148.7	129.2	151.0	154.2	165.1	174.0	184.8	176.9	n.a.	n.a.

Table 11.11. Selected Index of Industrial Production: Philippines, 2008-2017 (Continued)

(2010=100; annual change in percent)

DIVISON OF INDUSTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
CHANGE IN INDEX										
10 Manufacture of food products	10.8	-6.4	7.7	-8.8	21.7	-6.7	5.2	-13.8	22.6	6.5
11 Manufacture of beverages	23.7	-28.7	14.9	19.2	3.0	-0.2	31.0	3.3	11.9	1.1
12 Manufacture of tobacco products	4.7	2.2	-46.0	-16.9	-22.0	0.0	-20.8	78.9	9.6	-10.5
13 Manufacture of textiles	-17.4	-2.3	8.8	-0.6	-0.2	-28.9	14.9	10.7	-9.8	-29.7
14 Manufacture of wearing apparels	19.2	-26.1	-15.0	2.1	89.4	-12.1	-16.7	-7.0	-7.4	-21.0
15 Manufacture of leather and related products	24.5	-41.0	19.4	-7.0	20.0	12.5	14.8	6.5	-81.8	0.0
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	12.0	0.4	9.9	-19.9	10.0	5.2	9.9	-29.0	3.1	9.4
17 Manufacture of paper and paper products	-1.3	-20.1	10.0	10.9	-8.2	-15.8	3.2	11.1	2.3	3.8
18 Printing and reproduction of recorded media	-5.9	0.6	5.0	-0.9	7.8	3.2	192.4	0.8	1.1	21.0
19 Manufacture of coke and refined petroleum products	10.3	-40.0	55.9	25.9	-4.1	-11.4	1.9	-25.9	-7.7	19.1
20 Manufacture of chemicals and chemical products	7.0	-0.4	-0.1	20.7	0.3	110.8	2.0	11.2	-0.4	-50.2
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	5.6	13.2	-6.5	11.4	3.7	401.0	7.0	16.2	18.9	n.a.
22 Manufacture of rubber and plastic products	9.5	-3.3	19.5	17.2	4.4	-2.8	0.2	-1.4	19.7	-14.9
23 Manufacture of other non-methalic mineral products	19.8	14.2	31.0	20.9	12.6	-24.0	-50.7	-7.0	10.3	n.a.
24 Manufacture of basic metals	14.4	-19.3	24.5	0.0	-15.8	20.5	-5.2	-3.4	12.8	46.9
25 Manufacture of fabricated metal products, except machinery and equipment	9.0	-5.8	16.2	5.7	-5.9	-7.8	27.6	-0.3	-16.3	20.7
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	-	n.a.	n.a.	n.a.
27 Manufacture of electrical equipment	0.3	-12.3	24.4	-7.4	5.0	-0.2	4.4	-61.6	n.a.	n.a.
28 Manufacture of machinery and equipment n.e.c	-41.9	-10.5	21.2	-31.1	8.0	23.5	19.3	n.a.	n.a.	-0.3
29 Manufacture of motor vehicle, trailers and semi-trailers	-11.4	-4.6	33.4	-5.9	29.5	-23.5	1.9	3.9	n.a.	n.a.
30 Manufacture of other transport equipment	-	-	-	-	-	-	-	n.a.	22.2	14.5
31 Manufacture of furniture	-19.2	-34.3	-18.5	24.7	23.2	15.6	-2.1	-28.1	-27.4	11.3
32 Other manufacturing	-32.8	-0.2	40.4	13.9	-19.2	-37.0	-7.7	n.a.	n.a.	n.a.
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	n.a.	n.a.	n.a.
ALL MANUFACTURING	4.4	-13.1	16.9	2.1	7.1	5.4	6.2	-4.3	n.a.	n.a.

Source:
ASEAN Secretariat

Note:
Covers establishments with total employment of 20 and over
/- not available at the time of publication
p/ preliminary results

Table 11.12. Selected Index of Industrial Production: Singapore, 2009-2017*(2015=100; annual change in percent)*

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

Table 11.12. Selected Index of Industrial Production: Singapore, 2009-2017 (Continued)*(2015=100; annual change in percent)*

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

Source:
ASEAN Secretariat

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

Table 11.13. Selected Index of Industrial Production: Thailand, 2011-2017*(2011=100; annual change in percent)*

DIVISON OF INDUSTRY	2011	2012	2013	2014	2015	2016	2017
INDEX OF INDUSTRIAL PRODUCTION							
10/11 Manufacture of food products and beverages	100.0	101.3	100	102	101	103	108
12 Manufacture of tobacco products	100.0	115.7	122	127	128	128	128
13 Manufacture of textiles	100.0	98.8	100	97	94	86	71
14 Manufacture of wearing apparels	100.0	92.2	99	97	91	85	76
15 Manufacture of leather and related products	100.0	95.1	94	99	96	89	87
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100.0	91.8	90	84	84	77	76
17 Manufacture of paper and paper products	n.a	n.a	n.a	n.a	n.a	n.a	n.a
18 Printing and reproduction of recorded media	100.0	98.2	96	96	95	97	116
19 Manufacture of coke and refined petroleum products	n.a	n.a	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	100.0	107.2	109	102	115	111	164
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	103.9	103	106	107	106	110
22 Manufacture of rubber and plastic products	100.0	109.7	101	118	132	132	157
23 Manufacture of other non-methalic mineral products	100.0	100.9	102	100	99	100	104
24 Manufacture of basic metals	100.0	102.7	108	103	101	101	95
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	103.4	107	109	103	113	119
26 Manufacture of computers, electronic and optical products	100.0	121.3	113	114	117	119	113
27 Manufacture of electrical equipment	100.0	69.7	89	109	100	89	101
28 Manufacture of machinery and equipment n.e.c	100.0	106.4	105	101	103	105	105
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	114.3	127	128	125	151	132
30 Manufacture of other transport equipment	100.0	146.4	144	107	110	110	132
31 Manufacture of furniture	100.0	106.0	93	79	78	82	84
32 Other manufacturing	100.0	103.7	81	81	83	74	69
33 Repair and installation of machinery and equipment	100.0	107.1	124	143	159	175	160
ALL MANUFACTURING	100.0	108.9	111	106	105	106	112

Table 11.13. Selected Index of Industrial Production: Thailand, 2011-2017 (Continued)*(2011=100; annual change in percent)*

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

Source:
ASEAN SecretariatNote:
'-' not available at the time of publication

Table 11.14. Selected Index of Industrial Production: Viet Nam, 2012-2017*(2006=100; annual change in percent)*

DIVISION OF INDUSTRY		2012	2013	2014	2015	2016	2017
INDEX OF INDUSTRIAL PRODUCTION							
10	Manufacture of food products	107.9	106.0	104.8	107.8	108.2	105.3
11	Manufacture of beverages	111.3	109.2	109.5	107.0	110.4	110.0
12	Manufacture of tobacco products	100.7	106.2	87.4	103.8	103.3	98.8
13	Manufacture of textiles	104.2	121.0	119.7	114.0	116.9	109.5
14	Manufacture of wearing apparels	107.5	110.9	112.2	104.6	107.5	106.0
15	Manufacture of leather and related products	107.8	118.7	122.0	117.0	103.5	104.0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	n.a	n.a	n.a	n.a	n.a	n.a
17	Manufacture of paper and paper products	115.2	120.0	115.5	111.7	107.2	108.5
18	Printing and reproduction of recorded media	n.a	n.a	n.a	n.a	n.a	n.a
19	Manufacture of coke and refined petroleum products	n.a	n.a	n.a	n.a	n.a	n.a
20	Manufacture of chemicals and chemical products	110.0	107.9	104.4	104.9	101.4	108.4
21	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	106.0	111.2	101.8	103.4	102.7	106.0
22	Manufacture of rubber and plastic products	110.4	109.5	103.6	111.5	110.2	113.1
23	Manufacture of other non-methalic mineral products	94.9	104.6	108.8	112.0	112.3	106.7
24	Manufacture of basic metals	106.4	98.2	109.9	112.1	117.9	122.0
25	Manufacture of fabricated metal products, except machinery and equipment	107.9	117.0	113.3	103.0	109.7	112.9
26	Manufacture of computers, electronic and optical products	114.4	102.2	135.2	135.1	112.5	132.5
27	Manufacture of electrical equipment	103.2	110.7	102.6	110.2	107.4	109.2
28	Manufacture of machinery and equipment n.e.c	n.a	n.a	n.a	n.a	n.a	n.a
29	Manufacture of motor vehicle, trailers and semi-trailers	108.9	113.9	123.1	127.0	117.5	99.8
30	Manufacture of other transport equipment	91.7	98.3	101.2	104.2	107.2	108.7
31	Manufacture of furniture	118.9	96.0	103.5	107.4	111.1	106.2
32	Other manufacturing	n.a	n.a	n.a	n.a	n.a	n.a
33	Repair and installation of machinery and equipment	n.a	n.a	n.a	n.a	n.a	n.a
ALL MANUFACTURING		97.5	98.1	102.5	96.4	87.8	109.5

Table 11.14. Selected Index of Industrial Production: Viet Nam, 2012-2017 (Continued)*(2006=100; annual change in percent)*

DIVISON OF INDUSTRY	2012	2013	2014	2015	2016	2017
CHANGE IN INDEX						
10 Manufacture of food products	-	-1.7	-1.2	2.9	0.4	-2.7
11 Manufacture of beverages	-	-1.9	0.3	-2.3	3.2	-0.3
12 Manufacture of tobacco products	-	5.4	-17.7	18.7	-0.5	-4.3
13 Manufacture of textiles	-	16.1	-1.0	-4.8	2.5	-6.3
14 Manufacture of wearing apparels	-	3.1	1.2	-6.8	2.8	-1.4
15 Manufacture of leather and related products	-	10.1	2.8	-4.1	-11.6	0.5
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	n.a	n.a	n.a	n.a	n.a
17 Manufacture of paper and paper products	-	4.2	-3.7	-3.3	-4.1	1.2
18 Printing and reproduction of recorded media	-	n.a	n.a	n.a	n.a	n.a
19 Manufacture of coke and refined petroleum products	-	n.a	n.a	n.a	n.a	n.a
20 Manufacture of chemicals and chemical products	-	-1.9	-3.3	0.5	-3.4	6.9
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	4.9	-8.4	1.6	-0.7	3.2
22 Manufacture of rubber and plastic products	-	-0.8	-5.4	7.6	-1.1	2.6
23 Manufacture of other non-methalic mineral products	-	10.2	4.1	3.0	0.2	-5.0
24 Manufacture of basic metals	-	-7.7	11.9	2.0	5.1	3.5
25 Manufacture of fabricated metal products, except machinery and equipment	-	8.4	-3.2	-9.1	6.5	2.9
26 Manufacture of computers, electronic and optical products	-	-10.6	32.3	-0.1	-16.7	17.8
27 Manufacture of electrical equipment	-	7.3	-7.4	7.4	-2.6	1.7
28 Manufacture of machinery and equipment n.e.c	-	n.a	n.a	n.a	n.a	n.a
29 Manufacture of motor vehicle, trailers and semi-trailers	-	4.6	8.1	3.2	-7.5	-15.0
30 Manufacture of other transport equipment	-	7.2	2.9	3.0	2.9	1.5
31 Manufacture of furniture	-	-19.3	7.8	3.8	3.5	-4.5
32 Other manufacturing	-	n.a	n.a	n.a	n.a	n.a
33 Repair and installation of machinery and equipment	-	n.a	n.a	n.a	n.a	n.a
ALL MANUFACTURING	-	0.6	4.5	-6.0	-8.9	24.8

Source:
ASEAN Secretariat

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

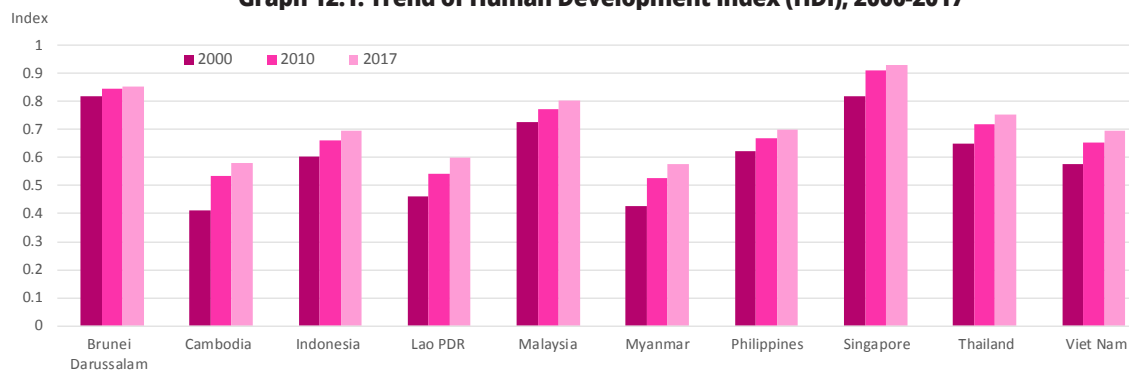
CHAPTER 12
OTHER SOCIAL



Table 12.1. Human Development Index (HDI), 2008-2017

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.841	0.845	0.846	0.852	0.860	0.863	0.864	0.865	0.852	0.853
Cambodia	0.520	0.519	0.533	0.540	0.546	0.553	0.558	0.563	0.576	0.582
Indonesia	0.645	0.656	0.662	0.669	0.677	0.682	0.686	0.689	0.691	0.694
Lao PDR	0.525	0.535	0.542	0.554	0.563	0.573	0.582	0.586	0.598	0.601
Malaysia	0.756	0.764	0.774	0.776	0.779	0.783	0.787	0.789	0.799	0.802
Myanmar	0.504	0.515	0.526	0.533	0.540	0.547	0.552	0.556	0.574	0.578
Philippines	0.661	0.662	0.669	0.666	0.671	0.676	0.679	0.682	0.696	0.699
Singapore	0.887	0.889	0.911	0.917	0.920	0.922	0.924	0.925	0.930	0.932
Thailand	0.706	0.711	0.720	0.729	0.733	0.737	0.738	0.740	0.748	0.755
Viet Nam	0.641	0.647	0.655	0.662	0.668	0.675	0.678	0.683	0.689	0.694

Source:
 ASEAN Secretariat
 UNDP - Human Development Report 2000-2016
 ADB Key Indicators 2006-2017
 UNDP - Human Development Indices and Indicator - 2018 Statistical Update

Graph 12.1. Trend of Human Development Index (HDI), 2000-2017

**Table 12.2. Population Below the National Poverty Line, 2007-2016
(Urban + Rural)**

(in percent)

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cambodia	30.1	29.9	22.9	21.1	19.8	18.9	16.03	13.5	13.5	14
Indonesia	16.6	15.4	14.2	13.3	12.5	12.0	11.4	11.3	11.2	10.9
Lao PDR	-	27.6	-	24.0	-	-	23.2	-	24.0	23.2
Malaysia**)	3.6	-	3.8	-	-	1.7	-	0.6	0.6	0.4
Myanmar	-	-	-	25.6	23.6	-	-	-	19.4	32.1
Philippines ^{*)}	-	-	26.3	-	-	25.2	-	-	22.0	21.6
Singapore	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	20.9	20.5	19.1	16.9	13.2	-	-	10.5	7.2	8.6
Viet Nam**)	14.8	14.5	-	14.2	12.6	11.1	9.8	8.4	7.0	7.0

Source:

ASEAN Secretariat, ASEAN Statistical Report on the MDG 2017

ASEAN Statistical Report on the MDG 2017

ADB Key Indicator 2017

ADB Basic Statistic 2018

Notes:

^{*)} Philippines: Regional Poverty Estimation Methodology

^{**)} Percent number of household

'-' not available at the time of publication

n.a. not applicable

Graph 12.2. Percentage of Population Below \$1.90 PPP Poverty Line

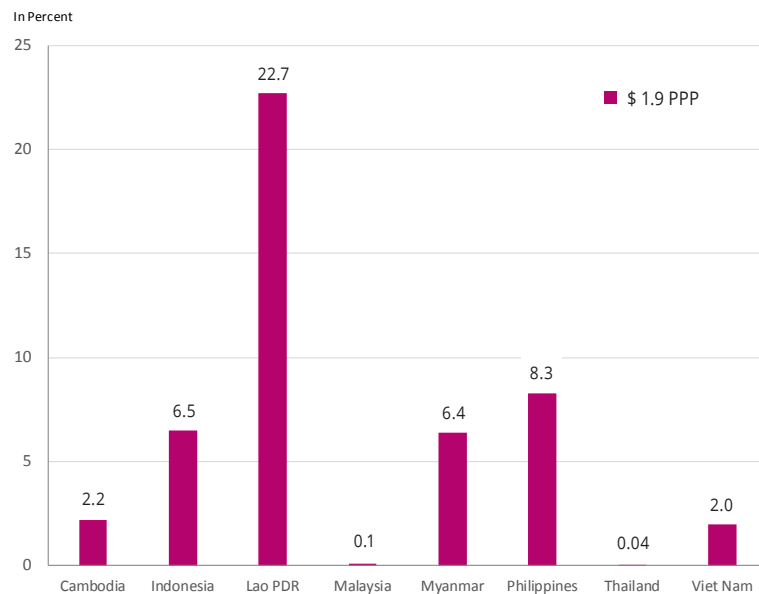


Table 12.3. Percentage of Population Below the \$1.90 PPP Poverty Line

(in percent)

COUNTRY	BELOW \$1.90 PPP LATEST YEAR	BELOW NATIONAL POVERTY LINE LATEST YEAR (2016)
Brunei Darussalam	n.a.	n.a.
Cambodia	2.2 (2012)	14.0
Indonesia	6.5 (2016)	10.9
Lao PDR	22.7 (2012)	23.2
Malaysia	0.1 (2011)	0.4
Myanmar	6.4 (2015)	32.1
Philippines	8.3 (2015)	21.6
Singapore	n.a.	n.a.
Thailand	0.04 (2013)	8.6
Viet Nam	2.0 (2016)	7.0

Source:
 ASEAN Secretariat
 ADB Key Indicators for Asia and the Pacific 2015
 ASEAN Statistical Report on the MDG 2017
 ADB - Basic Statistics 2018

Note:
 n.a. not applicable

Table 12.4. Gini Coefficient, 2007-2016

COUNTRY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	0.444	0.379	0.360	0.340	0.317	0.308	0.320	0.320	0.320	0.310
Indonesia	0.360	0.350	0.370	0.380	0.410	0.410	0.413	0.406	0.408	0.397
Lao PDR	-	0.367	-	-	-	0.379	-	-	0.379	-
Malaysia	0.441	-	0.462	-	-	0.431	-	0.401	-	0.399
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	-	-	0.464	-	-	0.430	-	-	0.401	-
Singapore	0.482	0.474	0.471	0.472	0.473	0.478	0.463	0.464	0.463	0.458
Thailand	0.397	0.401	0.396	0.394	0.375	0.393	0.379	-	0.445	-
Viet Nam	-	0.434	-	0.433	-	0.387	-	0.376	-	0.436

Source:

ASEAN Secretariat; ADB Key Indicators 2005-2017;
Brunei Darussalam MDG Report 2010; Singapore Department of Statistics

Note:

'-' not available at the time of publication

Table 12.5. Proportion of Seats in National Legislature Held by Women, 2008-2017

(in percent)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam ^{*)}	n.a.	n.a.	n.a.	n.a.	6.1	6.1	6.1	6.1	6.3	9.1
Cambodia	19.5	16.3	21.0	21.0	20.3	20.3	20.3	20.3	20.3	20.3
Indonesia	11.6	11.6	17.9	17.9	18.2	18.6	18.6	17.1	17.1	19.8
Lao PDR	25.2	25.2	25.2	25.2	25.0	25.0	25.0	25.0	25.0	27.5
Malaysia	10.0	10.8	10.4	10.4	10.4	10.4	10.4	11.0	10.4	10.4
Myanmar	-	-	-	4.3	3.5	6.0	5.6	5.0	9.9	10.2
Philippines	20.5	20.5	21.4	22.1	22.9	22.9	27.3	26.0	27.2	29.5
Singapore	24.5	24.5	23.4	23.4	22.2	24.2	25.3	25.3	23.1	23.0
Thailand	11.7	11.7	12.3	13.3	15.8	15.8	15.8	13.0	6.1	4.8
Viet Nam	25.8	25.8	25.8	25.8	24.4	24.4	24.3	24.3	24.3	26.7

Source:

ASEAN Secretariat; UN Millenium Development Indicators (MDGs);
ASEAN Statistical Report on the MDG 2017; ADB Key Indicators for Asia
and the Pacific 2017; ADB - Basic Statistics 2018

Notes:

*) Brunei Darussalam had never had a parliament (not applicable) before 2012
n.a. not applicable
'-' not available at the time of publication

CHAPTER 13

OTHER SECTORS



Table 13.1. Values of Crude Oil Exports by ASEAN Countries, 2008-2017

(in US \$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	4,271.0	3,438.6	4,453.3	6,318.6	6,262.7	5,119.3	4,417.5	2,369.7	2,405.7	1,906.0
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	12,418.7	7,820.3	10,402.9	13,828.7	12,293.4	10,204.7	9,215.0	6,457.0	5,196.7	5,237.6
Lao PDR	-	-	-	-	-	-	-	-	-	-
Malaysia	12,412.0	7,251.2	9,607.7	10,924.5	10,464.1	10,210.1	10,535.3	6,854.7	5,650.6	6,954.0
Myanmar	-	-	-	-	-	-	-	61.1	51.8	112.0
Philippines	160.5	225.2	339.8	415.2	597.8	975.5	1,047.2	289.7	173.6	194.9
Singapore	52.4	20.9	21.9	0.5	0.2	0.4	0.1	16.4	0.2	69.8
Thailand	1,707.3	1,038.4	837.4	1,378.8	1,662.2	1,163.5	421.0	64.0	501.1	695.5
Viet Nam	6,650.3	3,247.1	5,023.5	6,733.1	7,946.7	6,871.5	5,889.7	3,630.4	2,378.1	2,830.8
ASEAN	37,672.4	23,041.6	30,686.4	39,599.4	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,000.7

Source: ASEAN Secretariat

Crude Oil: SITC 333

Table 13.2. Values of Crude Oil Imports by ASEAN Countries, 2008-2017

(in US \$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
Indonesia	10,061.5	7,362.2	8,531.2	11,154.5	10,803.2	13,585.8	13,072.4	8,063.3	6,730.5	7,063.6
Lao PDR	0.4	0.5	0.8	0.9	27.7	6.2	6.8	3.2	2.6	2.2
Malaysia	5,634.2	4,219.9	5,724.4	7,832.0	8,981.8	7,163.0	7,725.7	3,384.2	2,826.0	3,951.4
Myanmar	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Philippines	7,498.8	3,354.5	5,504.6	7,874.2	7,618.8	6,617.1	6,287.3	3,952.4	2,905.1	3,774.6
Singapore	36,241.5	20,032.2	24,037.7	33,607.0	39,827.6	35,559.1	34,398.9	18,234.5	15,049.9	21,420.2
Thailand	29,781.2	19,008.3	24,397.3	32,897.4	35,843.2	37,396.1	33,216.5	19,521.2	15,176.0	19,858.2
Viet Nam	-	0.0	334.8	567.0	583.9	1,123.1	452.4	99.4	199.9	635.7
ASEAN	89,217.8	53,977.6	68,530.7	93,932.9	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,705.9

Source: ASEAN Secretariat

Crude Oil: SITC 333

Table 13.3. Values of Petroleum Products Exports by ASEAN Countries, 2008-2017

(in US \$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	0.0	0.2	1.5	0.3	0.2	0.4	0.4	0.2	0.3	5.2
Cambodia	-	-	0.0	-	-	0.1	0.0	0.0	0.1	0.0
Indonesia	1,162.4	866.2	2,190.9	2,901.7	1,774.8	1,611.4	1,301.1	553.2	400.4	909.0
Lao PDR	-	-	0.0	0.1	-	0.0	0.5	4.7	6.8	0.8
Malaysia	8,229.4	5,501.3	7,977.2	10,780.4	14,596.7	19,376.0	18,485.6	10,621.2	11,146.9	13,250.2
Myanmar	-	-	-	-	0.0	-	-	2.3	67.4	279.4
Philippines	1,082.1	262.4	371.2	647.5	465.0	834.0	445.7	312.8	196.8	321.0
Singapore	60,547.5	39,822.6	55,145.2	79,250.2	73,240.8	69,256.3	66,220.0	42,090.0	36,105.4	46,540.2
Thailand	8,842.0	6,302.5	7,797.9	10,093.2	11,388.5	11,473.5	9,811.1	6,932.8	4,863.0	6,112.9
Viet Nam	734.5	471.7	1,276.1	2,040.1	1,666.4	1,146.1	973.4	739.2	640.7	847.7
ASEAN	80,597.8	53,227.0	74,760.0	105,713.5	103,132.6	103,697.8	97,238.0	61,256.5	53,427.7	68,266.3

Source: ASEAN Secretariat

Petroleum Products: SITC 334

Table 13.4. Values of Petroleum Products Imports by ASEAN Countries, 2008-2017

(in US \$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brunei Darussalam	14.7	75.4	126.8	280.0	254.6	268.5	362.8	193.0	222.3	264.1
Cambodia	307.6	350.3	308.4	746.3	1,107.8	944.3	294.9	1,089.2	888.9	1,108.1
Indonesia	19,963.6	10,841.0	17,654.3	27,721.8	28,038.2	27,850.9	26,717.3	14,008.5	9,940.9	14,119.6
Lao PDR	378.0	332.1	452.5	460.8	602.3	546.5	652.3	644.1	541.2	604.0
Malaysia	6,021.4	4,084.4	7,888.4	10,705.1	13,104.5	22,051.7	22,822.1	14,802.9	11,895.6	16,704.2
Myanmar	582.7	697.5	908.5	2,043.7	1,793.8	1,714.6	2,680.3	1,816.4	1,641.7	3,377.9
Philippines	3,780.9	3,249.1	3,234.2	3,667.5	4,977.5	5,282.6	5,873.9	3,337.0	3,953.1	5,967.4
Singapore	50,620.6	38,510.4	56,909.8	80,372.0	77,314.7	74,613.4	72,384.3	42,675.5	33,081.0	45,904.4
Thailand	1,570.5	1,075.5	1,679.7	2,997.1	3,441.6	3,676.2	5,573.1	2,993.2	3,557.1	4,348.8
Viet Nam	7,057.5	5,232.0	6,454.1	10,341.8	9,334.8	7,386.4	7,444.8	5,729.5	5,340.6	7,308.3
ASEAN	90,297.4	64,447.6	95,616.7	139,336.1	139,969.9	144,335.0	144,805.9	87,289.3	71,062.5	99,706.8

Source: ASEAN Secretariat

Petroleum Products: SITC 334

Table 13.5. Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2008-2017

(in US \$ Million)

COUNTRY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
CRUDE OIL										
Exports	37,672.4	23,041.6	30,686.4	39,599.4	39,227.0	34,545.2	31,525.8	19,743.0	16,357.8	18,000.7
Imports	89,217.8	53,977.6	68,530.7	93,932.9	103,686.3	101,450.3	95,160.0	53,258.1	42,890.1	56,705.9
Net Exports	-51,545.4	-30,936.0	-37,844.3	-54,333.4	-64,459.3	-66,905.1	-63,634.2	-33,515.1	-26,532.4	-38,705.1
Export/Imports	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3
PETROLEUM PRODUCTS										
Exports	80,597.8	53,227.0	74,760.0	105,713.5	103,132.6	103,697.8	97,238.0	61,256.5	53,427.7	68,266.3
Imports	90,297.4	64,447.6	95,616.7	139,336.1	139,969.9	144,335.0	144,805.9	87,289.3	71,062.5	99,706.8
Net Exports	-9,699.5	-11,220.6	-20,856.7	-33,622.6	-36,837.3	-40,637.3	-47,567.9	-26,032.7	-17,634.7	-31,440.5
Export/Imports	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7

Source: ASEAN Secretariat

Crude Oil: SITC 333; and Petroleum Products: SITC 334

Graph 13.1. Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2008-2017

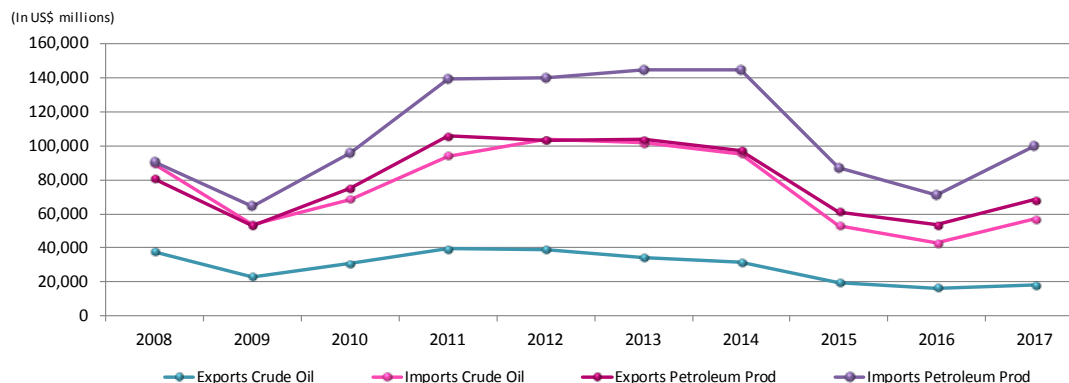


Table 13.6. ASEAN Major Market of Crude Oil Exports and the Values, 2013-2017

(in US \$ Million)

NO	COUNTRY	2013	NO	COUNTRY	2014	NO	COUNTRY	2015	NO	COUNTRY	2016	NO	COUNTRY	2017
1	ASEAN	8,036.8	1	ASEAN	8,501.2	1	ASEAN	7,645.9	1	ASEAN	5,846.9	1	ASEAN	7,225.4
2	Australia	7,436.1	2	Australia	7,220.7	2	Australia	2,875.0	2	China	2,552.4	2	Australia	2,971.5
3	Japan	7,420.0	3	Japan	5,373.3	3	Japan	2,573.4	3	Australia	2,448.1	3	China	2,196.0
4	Korea, Republic of	4,082.6	4	India	3,340.0	4	India	1,885.5	4	India	1,908.0	4	India	1,821.9
5	India	2,728.5	5	Korea, Republic of	2,246.7	5	China	1,598.5	5	Japan	1,253.8	5	Japan	1,276.0
6	China	1,820.5	6	China	1,559.3	6	USA	1,082.8	6	Korea, Republic of	613.3	6	Korea, Republic of	965.3
7	USA	1,347.9	7	USA	1,373.5	7	Korea, Republic of	1,003.1	7	USA	570.9	7	USA	782.2
8	New Zealand	1,155.6	8	New Zealand	1,198.5	8	New Zealand	771.0	8	New Zealand	292.4	8	Taiwan	358.0
9	Taiwan	359.2	9	Taiwan	583.7	9	Taiwan	267.2	9	Taiwan	266.5	9	New Zealand	343.9
10	Papua New Guinea	117.0	10	Papua New Guinea	128.9	10	Papua New Guinea	40.6	10	Papua New Guinea	41.6	10	Switzerland	47.2
TOP 10		34,504.2	TOP 10		31,525.8	TOP 10		19,743.0	TOP 10		15,794.0	TOP 10		17,987.5
OTHERS		41.0	OTHERS		0.0	OTHERS		0.0	OTHERS		563.8	OTHERS		13.3
TOTAL		34,545.2	TOTAL		31,525.8	TOTAL		19,743.0	TOTAL		16,357.8	TOTAL		18,000.7

Source: ASEAN Secretariat

Crude Oil: SITC 333

Table 13.7. ASEAN Major Supplier (Origin) of Crude Oil and the Values, 2013-2017

(in US \$ Million)

NO	COUNTRY	2013	NO	COUNTRY	2014	NO	COUNTRY	2015	NO	COUNTRY	2016	NO	COUNTRY	2017
1	United Arab Emirates	29,183.8	1	United Arab Emirates	22,764.7	1	United Arab Emirates	12,069.9	1	Saudi Arabia	11,191.9	1	United Arab Emirates	12,840.7
2	Saudi Arabia	20,679.0	2	Saudi Arabia	21,917.4	2	Saudi Arabia	11,445.8	2	United Arab Emirates	9,453.8	2	Saudi Arabia	12,185.1
3	Qatar	9,747.9	3	ASEAN	9,988.3	3	ASEAN	8,800.5	3	ASEAN	6,370.1	3	ASEAN	8,487.7
4	ASEAN	9,563.1	4	Qatar	9,493.4	4	Qatar	4,701.0	4	Qatar	3,780.8	4	Qatar	5,718.8
5	Russian Federation	5,459.3	5	Russian Federation	5,778.0	5	Kuwait	3,132.9	5	Kuwait	3,057.1	5	Kuwait	3,964.6
6	Azerbaijan	3,772.6	6	Nigeria	4,016.9	6	Korea, Republic of	2,185.6	6	Australia	1,633.1	6	Australia	2,265.9
7	Oman	3,584.1	7	Azerbaijan	3,924.8	7	Australia	1,736.7	7	Russian Federation	1,534.0	7	Russian Federation	2,179.6
8	Kuwait	3,409.1	8	Australia	3,601.0	8	Russian Federation	1,725.6	8	Nigeria	1,286.1	8	Nigeria	1,685.2
9	Nigeria	3,253.3	9	Kuwait	2,672.7	9	Azerbaijan	1,384.6	9	Azerbaijan	818.5	9	Azerbaijan	940.3
10	Iraq	2,948.3	10	Iraq	2,432.5	10	Iraq	1,055.9	10	Algeria	651.4	10	Iraq	646.9
TOP 10		91,600.2	TOP 10		86,589.6	TOP 10		48,238.5	TOP 10		39,776.7	TOP 10		50,914.8
OTHERS		9,850.1	OTHERS		8,570.3	OTHERS		5,019.6	OTHERS		3,113.4	OTHERS		5,791.1
TOTAL		101,450.3	TOTAL		95,160.0	TOTAL		53,258.1	TOTAL		42,890.1	TOTAL		56,705.9

Source: ASEAN Secretariat

Crude Oil: SITC 333

Table 13.8. ASEAN Major Market of Petroleum Products Exports and the Values, 2013-2017

(in US \$ Million)

NO	COUNTRY	2013	NO	COUNTRY	2014	NO	COUNTRY	2015	NO	COUNTRY	2016	NO	COUNTRY	2017
1	ASEAN	60,333.0	1	ASEAN	60,281.0	1	ASEAN	37,149.9	1	ASEAN	33,266.9	1	ASEAN	40,015.6
2	China	8,676.5	2	Australia	8,502.6	2	Australia	4,400.7	2	China	3,880.7	2	China	6,519.6
3	Australia	8,503.4	3	China	5,802.7	3	China	4,070.9	3	Australia	3,829.9	3	Australia	4,958.3
4	Hong Kong	5,643.6	4	Hong Kong	3,272.6	4	Hong Kong	2,195.1	4	Hong Kong	1,888.2	4	Hong Kong	2,772.5
5	Korea, Republic of	2,322.8	5	Korea, Republic of	2,623.1	5	Korea, Republic of	1,307.5	5	European Union	1,088.2	5	European Union	2,113.0
6	Bangladesh	1,763.9	6	Bangladesh	1,858.3	6	India	919.3	6	Korea, Republic of	1,008.2	6	Bangladesh	1,416.9
7	United States of America	1,575.1	7	Sri Lanka	1,196.7	7	Japan	890.9	7	Bangladesh	963.3	7	Korea, Republic of	1,348.3
8	Sri Lanka	1,475.3	8	Taiwan	1,119.8	8	South Africa	877.5	8	United States of America	898.0	8	Taiwan	1,020.5
9	South Africa	1,280.8	9	South Africa	1,104.3	9	United States of America	876.3	9	Taiwan	850.6	9	United States of America	1,020.0
10	European Union	1,127.1	10	New Zealand	946.4	10	European Union	866.7	10	India	715.2	10	Sri Lanka	839.1
TOP 10		92,701.4	TOP 10		86,707.5	TOP 10		53,554.8	TOP 10		48,389.2	TOP 10		62,023.8
OTHERS		10,996.4	OTHERS		10,530.4	OTHERS		7,701.7	OTHERS		5,038.6	OTHERS		6,242.5
TOTAL		103,697.8	TOTAL		97,238.0	TOTAL		61,256.5	TOTAL		53,427.7	TOTAL		68,266.3

Source: ASEAN Secretariat

Petroleum products: SITC 334

Table 13.9. ASEAN Major Supplier (Origin) of Petroleum Products and the Values, 2013-2017

(in US \$ Million)

NO	COUNTRY	2013	NO	COUNTRY	2014	NO	COUNTRY	2015	NO	COUNTRY	2016	NO	COUNTRY	2017
1	ASEAN	60,392.9	1	ASEAN	57,210.1	1	ASEAN	33,554.2	1	ASEAN	30,414.5	1	ASEAN	41,874.4
2	Korea, Republic of	14,106.2	2	Korea, Republic of	16,838.2	2	Korea, Republic of	8,459.2	2	China	6,583.7	2	China	9,316.8
3	Taiwan	8,527.2	3	China	7,596.2	3	China	5,446.6	3	Korea, Republic of	6,497.3	3	Korea, Republic of	8,216.6
4	India	7,479.4	4	Taiwan	7,247.2	4	Japan	5,294.6	4	India	4,016.6	4	India	7,165.6
5	China	6,729.0	5	India	7,002.0	5	Russian Federation	4,794.7	5	European Union	3,261.3	5	United Arab Emirates	4,207.6
6	European Union	6,081.2	6	Russian Federation	6,803.9	6	European Union	4,654.4	6	United Arab Emirates	2,980.0	6	Russian Federation	4,112.0
7	United Arab Emirates	6,051.0	7	United Arab Emirates	6,581.8	7	United Arab Emirates	4,410.0	7	Saudi Arabia	2,944.5	7	European Union	3,991.8
8	Venezuela	5,584.0	8	European Union	5,463.7	8	Taiwan	4,026.8	8	Taiwan	2,584.0	8	Saudi Arabia	3,492.1
9	Saudi Arabia	4,830.7	9	Saudi Arabia	5,380.6	9	India	3,964.8	9	Russian Federation	2,412.6	9	Taiwan	2,684.3
10	United States of America	4,296.3	10	Kuwait	4,395.5	10	Saudi Arabia	2,101.7	10	Japan	1,710.6	10	United States of America	2,609.7
TOP 10		124,077.8	TOP 10		124,519.2	TOP 10		76,707.0	TOP 10		63,405.1	TOP 10		87,671.1
OTHERS		20,257.2	OTHERS		20,286.7	OTHERS		10,582.3	OTHERS		7,657.4	OTHERS		12,035.7
TOTAL		144,335.0	TOTAL		144,805.9	TOTAL		87,289.3	TOTAL		71,062.5	TOTAL		99,706.8

Source: ASEAN Secretariat

Petroleum products: SITC 334

Table 13.10. Forest Areas as a Percentage of Total Areas in ASEAN Countries, 1990, 2000, and 2016

COUNTRY	TOTAL FOREST AREA (000 Ha)			FOREST AREAS AS A PERCENTAGE OF LAND AREAS (%)			
	1990	2000	2016	1990	2000	2016	Annual Change 1990-2016
Brunei Darussalam	413	397	380	78.4	75.3	72.1	-0.5
Cambodia	12,944	11,546	9,457	73.3	65.4	53.6	-1.7
Indonesia	118,545	99,409	91,010	65.4	54.9	50.2	-1.5
Lao PDR	17,645	16,526	18,761	76.5	71.6	81.3	0.3
Malaysia	22,376	21,591	22,195	68.1	65.7	67.6	0.0
Myanmar	39,218	34,868	29,041	60.0	53.4	44.5	-1.7
Philippines	6,555	7,027	8,040	22.0	23.6	27.0	1.1
Singapore	16	16	16	24.4	24.4	23.1	-0.3
Thailand	14,005	17,011	16,399	27.4	33.3	32.1	0.9
Viet Nam	9,363	11,727	14,773	28.8	37.7	47.6	2.8
ASEAN	241,080	220,118	210,073				

Source:
FAO Statistics Division 2018 ; <http://faostat.fao.org>

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

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

Source:
World Development Indicators; for 2017, World Bank Database

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

Table 13.12. Access to Cellular/Mobile Phones in ASEAN Countries, 2008-2017

(in US \$ Million)

ICT SERVICE	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN ^{1/}
Cellular/Mobile Phone Density (per 100 persons)	2008	106.4	28.3	59.8	33.6	100.8	0.9	75.3	131.0	93.0	79.0	76.8
	2009	112.2	45.1	67.1	52.9	107.9	1.2	82.0	137.5	98.6	127.8	87.4
	2010	112.5	73.7	88.1	64.6	119.2	1.6	90.0	143.6	106.6	129.6	87.5
	2011	112.7	108.0	102.5	87.2	127.0	2.4	98.1	149.6	114.6	144.9	96.7
	2012	117.5	129.6	114.9	66.0	140.0	7.4	104.5	151.9	125.2	148.3	111.7
	2013	115.4	135.4	125.9	69.1	143.6	13.3	103.5	156.3	137.5	137.9	116.7
	2014	113.1	132.7	126.5	67.8	148.5	51.6	110.0	146.9	141.4	150.1	123.4
	2015	108.1	133.0	132.6	53.1	143.9	75.7	115.8	146.5	152.7	128.8	126.6
	2016	120.7	124.9	149.1	55.4	141.2	89.3	109.2	146.9	172.6	128.0	135.1
	2017	127.0	118.2	173.8	54.1	131.2	106.2	110.4	148.2	176.0	128.1	147.3

Source:

Compiled based on AMS' data submission, statistical yearbooks, and national statistical offices' websites; and ITU Database 2018

Note:

1/ Some country data are not available to compute ASEAN figures is computed based on country figures.
 1/ Not available at the time of publication

Table 13.13. Access to Internet Services in ASEAN Countries, 2008-2017

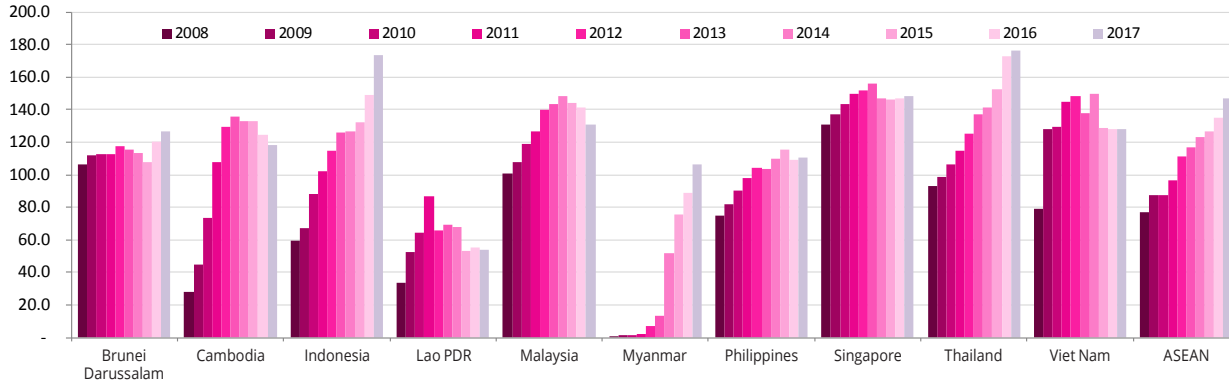
(in US \$ Million)

ICT SERVICE	YEAR	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN ^{1/}
Internet Subscribers /Users per 100 Persons	2008	44.7	0.8	7.9	3.6	55.8	0.0	3.3	48.0	18.2	15.2	13.0
	2009	46.0	1.5	8.7	6.0	55.9	0.1	3.9	47.8	20.1	24.07	14.4
	2010	49.0	1.3	10.9	7.0	56.3	0.1	4.6	48.9	22.4	34.49	18.7
	2011	53.0	3.1	12.3	9.0	61.0	1.0	29.0	71.0	23.7	41.91	22.3
	2012	56.0	4.9	14.5	10.7	65.8	4.0	36.2	72.0	26.5	39.49	24.6
	2013	64.5	6.8	14.9	12.5	67.0	8.0	37.0	81.0	28.9	43.9	26.1
	2014	68.8	9.0	17.1	14.3	67.5	11.5	39.7	82.0	34.9	48.31	28.9
	2015	71.2	19.0	22.0	18.2	71.1	21.7	53.7	79.0	39.3	43.5	35.0
	2016	75.0	25.6	25.4	21.9	78.8	25.1	55.5	81.0	47.5	46.5	38.8
	2017	90.0	69.0	32.3	30.0	80.1	88.9	55.5	84.4	52.9	46.5	48.5

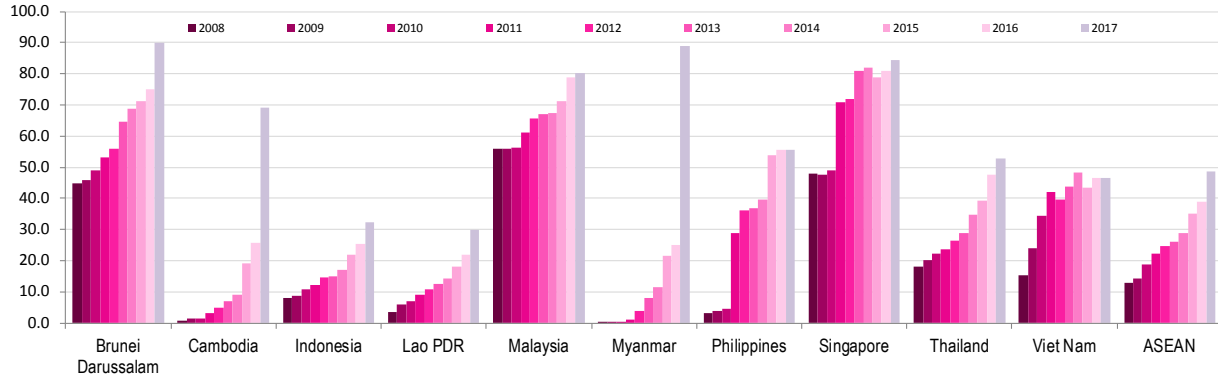
Source:
Compiled based on AMS' data submission, statistical yearbooks,
and national statistical offices' websites; and ITU Database 2018

Note:
1/ Some country data are not available to compute ASEAN figures is computed based on country figures.
'-' Not available at the time of publication

Graph 13.2. Trend in Cellular/Mobile Phone Density per 100 Persons in ASEAN Countries, 2008-2017



Graph 13.3. Trend in Internet Services Density per 100 Persons in ASEAN Countries, 2008-2017





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