

# **ASEAN STATISTICAL YEARBOOK 2016/2017**



one vision  
one identity  
one community





# **ASEAN Statistical Yearbook 2016 / 2017**

The ASEAN Secretariat  
Jakarta

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

For inquiries, contact:

The ASEAN Secretariat  
Community Relations Division (CRD)  
70A Jalan Sisingamangaraja  
Jakarta 12110, Indonesia  
Phone: (62 21) 724-3372, 726-2991  
Fax: (62 21) 739-8234, 724-3504  
E-mail: [public@asean.org](mailto:public@asean.org)

### **ASEAN: A Community of Opportunities**

Catalogue-in-Publication Data

ASEAN Statistical Yearbook 2016/2017  
Jakarta, ASEAN Secretariat, December 2017

315.9

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

ISBN 978-602-6392-83-1

The text of this publication may be freely quoted or reprinted, provided proper acknowledgement is given and a copy containing the reprinted material is sent to the Community Relations Division (CRD) of the ASEAN Secretariat, Jakarta.

General information on ASEAN appears online at the ASEAN Website: [www.asean.org](http://www.asean.org)

Copyright Association of Southeast Asian Nations (ASEAN) 2017.  
All rights reserved.

## FOREWORD

I am delighted to present the 13<sup>th</sup> edition of what has become one of the Association's most established publications, namely "the ASEAN Statistical Yearbook (ASY)". Since the launch of the first edition of the ASY in 2002, it has provided valuable data and information for those interested in the social and economic progress of ASEAN.

The primary aim of the ASY is to provide accurate, reliable and timely historical annual data on ASEAN in the following fields: population, education, health, employment, macroeconomic performance, trade in goods and services, foreign direct investment, transport, tourism, agriculture, manufacturing as well as other indicators and sectors. The ASY 2016/2017 covers the period of 2007-2016 for all 10 ASEAN Member States – Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam.

The ASY 2016/2017 is the result of close collaboration between the Statistics Division of the ASEAN Secretariat (ASEANstats) and ASEAN Member States. I hope you find the ASY Series resourceful and welcome comments to further improve the quality and usefulness of future publication.



**LE LUONG MINH**  
**Secretary-General of ASEAN**

Jakarta, December 2017



# TABLE OF CONTENTS

## LIST OF TABLES

### CHAPTER 1 POPULATION

Table 1.1.	Number of Mid Year Population of ASEAN Countries, 2007-2016	3
Table 1.2.	Population Growth in ASEAN Countries, 2007-2016	3
Table 1.3.	Population Density, 2007-2016	4
Table 1.4.	Population by Sex, 2016	5
Table 1.5.	Population by Age Group, 2016	6
Table 1.6.	Urban Population, 2007-2016	7

### CHAPTER 2 EDUCATION & HEALTH

Table 2.1.	Adult Literacy Rate by Sex, 2007-2016	11
Table 2.2.	Net Enrollment Ratio in Primary School by Sex, 2007-2016	12
Table 2.3.	Net Enrollment Ratio in Secondary School by Sex, 2007-2016	13
Table 2.4.	Ratio of Girls to Boys in Primary and Secondary School, 2007-2015	14
Table 2.5.	Pupil-Teacher Ratio in Primary and Secondary School, 2006-2015	15
Table 2.6.	Crude Birth Ratio (CBR) and Crude Death Ratio (CDR), 2006-2015	16
Table 2.7.	Infant Mortality Rate (IMR) and Under Five Mortality Rate, 2006-2015	17
Table 2.8.	Total Fertility Rate (TFR) and Maternal Mortality Rate of ASEAN Countries, 2006-2015	18
Table 2.9.	Life Expectancy Rate by Sex, 2007-2016	19
Table 2.10.	Immunization Against Measles and DPT Among Children of 1 Year Old, 2006-2015	20
Table 2.11.	Prevalence of Malaria and Tuberculosis, 2006-2015	21
Table 2.12.	HIV Prevalence Rate among 15-24 Year Old People by Sex, 2006-2015	22
Table 2.13.	Proportion of Population with Access to Safe Drinking Water and Access to Improved Sanitation, 2006-2015	23

### **CHAPTER 3 EMPLOYMENT**

Table 3.1.	Unemployment Rate of 15 Years Old and Over, 2007-2016	27
Table 3.2.	Number of Unemployment, 2007-2016	27
Table 3.3.	Unemployment Rate of People 15 Years Old and Over by Sex, 2007-2016	28
Table 3.4.	Unemployment Rate of People 15-24 Years Old by Sex, 2007-2016	30
Table 3.5.	Labour Force Participation Rate, 2007-2016	32
Table 3.6.	Number of Labour Force, 2007-2016	33
Table 3.7.	Labour Force Participation Rate by Sex, 2007-2016	34
Table 3.8.	Number of Employment by Major Industry Group	35
Table 3.9.	Percentage of Employment by Major Industry Group	36
Table 3.10.	Number of Employment by Occupation	37
Table 3.11.	Percentage of Employment by Occupation	37

### **CHAPTER 4 MACROECONOMIC**

Table 4.1.	GDP at Current Price, 2007-2016	41
Table 4.2.	GDP at Constant Price, 2007-2016	41
Table 4.3.	Rate of GDP Growth, 2007-2016	43
Table 4.4.	GDP per Capita at Current Price in USD, 2007-2016	45
Table 4.5.	GDP at Current Price in Million of USD, 2007-2016	45
Table 4.6.	GDP Share of Major Group of Economic Sectors, 2013-2016	47
Table 4.7.	Inflation Rates, Year-on-Year End of Period, 2007-2016	48
Table 4.8.	Inflation Rates, Year-on-Year Average of Period, 2007-2016	48
Table 4.9.	Foreign Exchange Rates, Average of Period, 2007-2016	49
Table 4.10.	Foreign Exchange Rates, End of Period, 2007-2016	49
Table 4.11.	Interest Rates: 3-Month Deposit, 2007-2016	52
Table 4.12.	Interest Rate: Minimum Lending Rate, 2007-2016	52
Table 4.13.	Money Growth (M2), Year-on-Year End of Period, 2007-2017	53
Table 4.14.	Money Growth (M1), year-on-Year End of Period, 2007-2016	53
Table 4.15.	Reserve Money, 2007-2016	54
Table 4.16.	Government Budget Deficit as a Percentage of GDP, 2006-2016	55
Table 4.17.	Government Budget Deficit, 2006-2017	55



## CHAPTER 5 TRADE IN GOODS

Table 5.1.	ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2007-2016	59
Table 5.2.	ASEAN Exports of Goods by Country, 2007-2016	61
Table 5.3.	ASEAN Imports of Goods by Country, 2007-2016	61
Table 5.4.	Extra-ASEAN Exports of Goods by Country, 2007-2016	62
Table 5.5.	Intra-ASEAN Exports of Goods by Country, 2007-2016	62
Table 5.6.	Extra-ASEAN Imports of Goods by Country, 2007-2016	63
Table 5.7.	Intra-ASEAN Imports of Goods by Country, 2007-2016	63
Table 5.8.	ASEAN Balance of Trade in Goods by Country, 2007-2016	64
Table 5.9.	ASEAN Trade in Goods by Trading Partners, 2007-2016	64
Table 5.10.	ASEAN Exports and Imports of Goods by Trading Partners, 2007-2016	78
Table 5.11.	ASEAN Balance of Trade in Goods by Trading Partners, 2007-2016	79
Table 5.12.	ASEAN6 Trade in Goods by Trading Partners, 2007-2016	80
Table 5.13.	CLMV Trade in Goods by Trading Partners, 2007-2016	80
Table 5.14.	ASEAN6 Exports and Imports in Goods by Trading Partners, 2007-2016	81
Table 5.15.	CLMV Exports and Imports of Goods by Trading Partners, 2007-2016	82
Table 5.16.	ASEAN Top Ten Destinations of Exports of Goods, 2015-2016	83
Table 5.17.	ASEAN Top Ten Origins of Imports of Goods, 2015-2016	83
Table 5.18.	ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2015-2016	84
Table 5.19.	ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2015-2016	85
Table 5.20.	Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2015-2016	86
Table 5.21.	Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2015-2016	87
Table 5.22.	Top Ten Exports of Goods of ASEAN to Australia by 2-digit HS Code, 2015-2016	88
Table 5.23.	Top Ten Major Imports of Goods of ASEAN from Australia by 2-digit HS Code, 2015-2016	89
Table 5.24.	Top Ten Exports of Goods of ASEAN to Canada by 2-digit HS Code, 2015-2016	90
Table 5.25.	Top Ten Imports of Goods of ASEAN from Canada by 2-digit HS Code, 2015-2016	91
Table 5.26.	Top Ten Exports of Goods of ASEAN to China by 2-digit HS Code, 2015-2016	92
Table 5.27.	Top Ten Imports of Goods of ASEAN from China by 2-digit HS Code, 2015-2016	93
Table 5.28.	Top Ten Exports of Goods of ASEAN to EU-28 by 2-digit HS Code, 2015-2016	94
Table 5.29.	Top Ten Imports of Goods of ASEAN from EU-28 by 2-digit HS Code, 2015-2016	95
Table 5.30.	Top Ten Exports of Goods of ASEAN to India by 2-digit HS Code, 2015-2016	96

Table 5.31.	Ten Major Import of Goods of ASEAN from India by 2-digit HS Code, 2015-2016	97
Table 5.32.	Top Ten Exports of Goods of ASEAN to Japan by 2-digit HS Code, 2015-2016	98
Table 5.33.	Top Ten Imports of Goods of ASEAN from Japan by 2-digit HS Code, 2015-2016	99
Table 5.34.	Top Ten Exports of Goods of ASEAN to Republic of Korea by 2-digit HS Code, 2015-2016	100
Table 5.35.	Top Ten Imports of Goods of ASEAN from Republic of Korea by 2-digit HS Code, 2015-2016	101
Table 5.36.	Top Ten Exports of Goods of ASEAN to New Zealand by 2-digit HS Code, 2015-2016	102
Table 5.37.	Top Ten Imports of Goods of ASEAN from New Zealand by 2-digit HS Code, 2015-2016	103
Table 5.38.	Top Ten Exports of Goods of ASEAN to Russian Federation by 2-digit HS Code, 2015-2016	104
Table 5.39.	Top Ten Imports of Goods of ASEAN from Russian Federation by 2-digit HS Code, 2015-2016	105
Table 5.40.	Top Ten Exports of Goods of ASEAN to USA by 2-digit HS Code, 2015-2016	106
Table 5.41.	Top Ten Imports of Goods of ASEAN from USA by 2-digit HS Code, 2015-2016	107
Table 5.42.	Top Ten Intra-ASEAN Trade in Goods, 2016	108
Table 5.43.	Top-Ten Traded Goods between Australia and ASEAN, in 2016	109
Table 5.44.	Top Ten Traded Goods between Canada and ASEAN, 2016	110
Table 5.45.	Top Ten Traded Goods between China and ASEAN, 2016	111
Table 5.46.	Top Ten Traded Goods between EU-28 and ASEAN, 2016	112
Table 5.47.	Top Ten Traded Goods between India and ASEAN, 2016	113
Table 5.48.	Top Ten Traded Goods between Japan and ASEAN, 2016	114
Table 5.49.	Top Ten Traded Goods between Republic of Korea and ASEAN, 2016	115
Table 5.50.	Top Ten Traded Goods between New Zealand and ASEAN, 2016	116
Table 5.51.	Top Ten Traded Goods between Russian Federation and ASEAN, 2016	117
Table 5.52.	Top-Ten Traded Goods between USA and ASEAN, 2016	118

## **CHAPTER 6 TRADE IN SERVICES**

Table 6.1.	ASEAN Exports of Services by Country, 2007-2016	125
Table 6.2.	ASEAN Imports of Services by Country, 2007-2016	125
Table 6.3.	ASEAN Exports of Services by Service Heading, 2007-2016	126
Table 6.4.	ASEAN Imports of Services by Service Heading, 2007-2016	126
Table 6.5.	Brunei Darussalam Exports of Services, 2007-2016	127
Table 6.6.	Brunei Darussalam Imports of Services, 2007-2016	127

Table 6.7.	Cambodia Exports of Services, 2007-2016	128
Table 6.8.	Cambodia Imports of Services, 2007-2016	128
Table 6.9.	Indonesia Exports of Services, 2007-2016	129
Table 6.10.	Indonesia Imports of Services, 2007-2016	129
Table 6.11.	Lao PDR Exports of Services, 2007-2016	130
Table 6.12.	Lao PDR Imports of Services, 2007-2016	130
Table 6.13.	Malaysia Exports of Services, 2007-2016	131
Table 6.14.	Malaysia Imports of Services, 2007-2016	131
Table 6.15.	Myanmar Exports of Services, 2007-2016	132
Table 6.16.	Myanmar Imports of Services, 2007-2016	132
Table 6.17.	Philippines Exports of Services, 2007-2016	133
Table 6.18.	Philippines Imports of Services, 2007-2016	133
Table 6.19.	Singapore Exports of Services, 2007-2016	134
Table 6.20.	Singapore Imports of Services, 2007-2016	134
Table 6.21.	Thailand Exports of Services, 2007-2016	135
Table 6.22.	Thailand Imports of Services, 2007-2016	135
Table 6.23.	Viet Nam Exports of Services, 2007-2016	136
Table 6.24.	Viet Nam Imports of Services, 2007-2016	136
Table 6.25.	Intra-ASEAN Exports of Services, 2010-2016	137
Table 6.26.	Intra-ASEAN Imports of Services, 2010-2016	137

## **CHAPTER 7 FOREIGN DIRECT INVESTMENT (FDI)**

Table 7.1.	Foreign Direct Investment Inward Flows in ASEAN by Host Country, 2007-2016	141
Table 7.2.	Foreign Direct Investment Inward Flows in ASEAN by Source Country, 2007-2016	142
Table 7.3.	Intra-ASEAN Foreign Direct Investment Inward Flows by Source Country, 2007-2016	144
Table 7.4.	Intra-ASEAN Foreign Direct Investment Inward Flows by Host Country, 2007-2016	145
Table 7.5.	Foreign Direct Investment Inward Flows in ASEAN6 by Source Country, 2007-2016	147
Table 7.6.	Foreign Direct Investment Inward Flows in CLMV by Source Country, 2007-2016	148
Table 7.7.	Foreign Direct Investment Inward Flows in Brunei Darussalam by Source Country, 2007-2016	151
Table 7.8.	Foreign Direct Investment Inward Flows in Cambodia by Source Country, 2007-2016	152

Table 7.9.	Foreign Direct Investment Inward Flows in Indonesia by Source Country, 2007-2016	153
Table 7.10.	Foreign Direct Investment Inward Flows in Lao PDR by Source Country, 2007-2016	154
Table 7.11.	Foreign Direct Investment Inward Flows in Malaysia by Source Country, 2007-2016	155
Table 7.12.	Foreign Direct Investment Inward Flows in Myanmar by Source Country, 2007-2016	156
Table 7.13.	Foreign Direct Investment Inward Flows in Philippines by Source Country, 2007-2016	157
Table 7.14.	Foreign Direct Investment Inward Flows in Singapore by Source Country, 2007-2016	158
Table 7.15.	Foreign Direct Investment Inward Flows in Thailand by Source Country, 2007-2016	159
Table 7.16.	Foreign Direct Investment Inward Flows in Viet Nam by Source Country, 2007-2016	160
Table 7.17.	Foreign Direct Investment Inward Flows by Source Country/Region, 2007-2016	161
Table 7.18.	ASEAN Top Ten FDI Country Source, 2013-2016	162
<b>CHAPTER 8</b>	<b>TRANSPORT</b>	
Table 8.1.	ASEAN Road Infrastructure, 2007- 2016	165
Table 8.2.	ASEAN Road Fleet, 2007- 2016	166
Table 8.3.	ASEAN Railways, 2007-2016	168
Table 8.4.	Domestic Maritime: Number of Ports and Fleet, 2007-2016	170
Table 8.5.	International Maritime: Number of Ports and Fleet, 2007-2016	172
Table 8.6.	Domestic Civil Aviation, 2007-2016	174
Table 8.7.	International Civil Aviation, 2007-2016	176
<b>CHAPTER 9</b>	<b>TOURISM</b>	
Table 9.1.	Visitor Arrivals by Country of Destination, 2006-2015	181
Table 9.2.	Intra-ASEAN Visitor Arrivals by Country of Destination, 2006-2015	182
Table 9.3.	Extra-ASEAN Visitor Arrivals by Country of Destination, 2006-2015	182
Table 9.4.	Visitor Arrivals to ASEAN by Country of Origin, 2006-2015	184
Table 9.5.	Intra-ASEAN Visitor Arrivals by Country of Origin, 2006-2015	186
Table 9.6.	Visitor Arrivals to Brunei Darussalam by Country of Origin, 2006-2015	190
Table 9.7.	Visitor Arrivals to Cambodia by Country of Origin, 2006-2015	191
Table 9.8.	Visitor Arrivals to Indonesia by Country of Origin, 2006-2015	192
Table 9.9.	Visitor Arrivals to Lao PDR by Country of Origin, 2006-2015	193
Table 9.10.	Visitor Arrivals to Malaysia by Country of Origin, 2006-2015	194

Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2006-2015	195
Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2006-2015	196
Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2006-2015	197
Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2006-2015	198
Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2006-2015	199

## **CHAPTER 10 AGRICULTURE**

Table 10.1. Agriculture Land and Land Use, 2014	203
Table 10.2. GDP Share, Employment, Export and Import Share of Agriculture Sector	204
Table 10.3. Paddy Production in ASEAN, 2007-2016	205
Table 10.4. Maize Production in ASEAN, 2007-2016	206
Table 10.5. Soybean Production in ASEAN, 2007-2016	206
Table 10.6. Sugarcane Production in ASEAN, 2007-2016	207
Table 10.7. Cassava Production in ASEAN, 2007-2015	208
Table 10.8. Rate of Growth of ASEAN Five Major Food Commodities	208
Table 10.9. ASEAN Export of Selected Agricultural Products and Inputs, 2007-2016	210
Table 10.10. ASEAN Import of Selected Agricultural Products and Inputs, 2007-2016	211
Table 10.11. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2015	212
Table 10.12. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2015	213
Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2016	214
Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2016	215
Table 10.15. ASEAN Major Markets of Agricultural Export Commodities, 2015-2016	216
Table 10.16. ASEAN Major Origin of Agricultural Import Commodities, 2015-2016	217
Table 10.17. ASEAN Major Markets of Selected Agricultural Export Commodities, 2012-2016	220
Table 10.18. ASEAN Major Markets of Selected Agricultural Import Commodities, 2012-2016	222
Table 10.19. ASEAN Major Markets of Export of Selected Agricultural Inputs, 2012 - 2016	224
Table 10.20. ASEAN Major Origins of Import of Selected Agricultural Inputs, 2012-2016	225
Table 10.21. ASEAN Export of Fishery Products by 4 digit HS Code, 2007-2016	226
Table 10.22. ASEAN Export of Fishery Products by Country, 2007-2016	227
Table 10.23. ASEAN Import of Fishery Products by 4 digit HS Code, 2007-2016	228
Table 10.24. ASEAN Import of Fishery Products by Country, 2007-2016	229

Table 10.25. Production of Selected Agricultural Products, 2013	230
Table 10.26. Production of Selected Agricultural Products, 2014	231
Table 10.27. Livestock and Poultry Population, 2011-2014	233
Table 10.28. Livestock and Poultry Meat Production, 2011-2014	234
<b>CHAPTER 11 MANUFACTURING</b>	
Table 11.1. Number of Manufacturing Establishments and Persons Engaged by Establishment Size, 2006-2016	237
Table 11.2. GDP Share, Exports and Imports Share of Manufacturing Sector, 2014-2016	238
Table 11.3. Number of Establishments by Division of Industry	239
Table 11.4. Percentage Distribution of Establishments by Division of Industry	240
Table 11.5. Number of Persons Engaged in Establishments by Division of Industry	241
Table 11.6. Number of Persons Engaged per Establishment by Division of Industry	242
Table 11.7. Value Added per Person Engaged in Establishments by Division of Industry	243
Table 11.8. Index of Industrial Production for All Manufacturing Industries, 2006-2014	244
Table 11.9. Selected Index of Industrial Production: Cambodia, 2002-2008	245
Table 11.10. Selected Index of Industrial Production: Indonesia, 2010-2016	246
Table 11.11. Selected Index of Industrial Production: Malaysia, 2010-2016	248
Table 11.12. Selected Index of Industrial Production: Philippines, 2008-2014	250
Table 11.13. Selected Index of Industrial Production: Singapore, 2009-2016	252
Table 11.14. Selected Index of Industrial Production: Thailand, 2011-2016	254
Table 11.15. Selected Index of Industrial Production: Viet Nam, 2012-2016	256
<b>CHAPTER 12 OTHER SOCIAL</b>	
Table 12.1. Human Development Index (HDI), 2006-2015	261
Table 12.2. Population Below the National Poverty Line, 2006-2015 (Urban + Rural)	262
Table 12.3. Percentage of Population, Below the \$2 PPP Poverty Line	263
Table 12.4. Gini Coefficient, 2005-2014	264
Table 12.5. Income Share of the Poorest 20%, 2000-2012	264
Table 12.6. Proportion of Seats in National Legislature Held by Women, 2006-2015	265
Table 12.7. Female Share of Paid Employment in Non-Agricultural Activities, 2004-2013	265

## **CHAPTER 13 OTHER SECTORS**

Table 13.1. Values of Crude Oil Exports by ASEAN Countries, 2007-2016	269
Table 13.2. Values of Crude Oil Imports by ASEAN Countries, 2007-2016	269
Table 13.3. Values of Petroleum Products Exports by ASEAN Countries, 2007-2016	270
Table 13.4. Values of Petroleum Products Imports by ASEAN Countries, 2007-2016	270
Table 13.5. Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2007-2016	271
Table 13.6. ASEAN Major Market of Crude Oil Exports and the Values, 2012-2016	272
Table 13.7. ASEAN Major Supplier (Origin) of Crude Oil and the Values, 2012-2016	273
Table 13.8. ASEAN Major Market of Petroleum Products Exports and the Values, 2012-2016	274
Table 13.9. ASEAN Major Supplier (Origin) of Petroleum Products and the Values, 2012-2016	275
Table 13.10. Forest Areas as a Percentage of Total Areas in ASEAN Countries, 1990, 2000, and 2015	276
Table 13.11. Terrestrial Protected Areas in ASEAN Countries, 1990, 2000, and 2014	277
Table 13.12. Access to Cellular/ Mobile Phones in ASEAN Countries, 2007-2016	278
Table 13.13. Access to Internet Services in ASEAN Countries, 2007-2016	279

## LIST OF FIGURES

Graph 1.1.	Population Density of ASEAN Countries, 2007-2016	4
Graph 1.2.	ASEAN Population by Age Group, 2016	6
Graph 3.1.	Unemployment Rate of Males 15 Years Old and Over, 2007-2016	29
Graph 3.2.	Unemployment Rate of Females 15 Years Old and Over, 2007-2016	29
Graph 3.3.	Unemployment Rate of Males 15-24 Years Old, 2007-2016	31
Graph 3.4.	Unemployment Rate of Females 15-24 Years Old, 2007-2016	31
Graph 4.1.	Rate of GDP Growth in ASEAN, 2007-2016	42
Graph 4.2.	Rate of GDP Growth in ASEAN6, 2006-2017	44
Graph 4.3.	Rate of GDP Growth of CLMV, 2007-2016	44
Graph 4.4.	GDP per Capita in USD in ASEAN6 during 2007-2016, as Compared to 2007	46
Graph 4.5.	GDP per Capita in USD in CLMV during 2007-2016, as Compared to 2007	46
Graph 4.6.	Rate of Change of Foreign Exchange Rate in ASEAN6, 2007-2016	50
Graph 4.7.	Rate of Change of Foreign Exchange Rate in CLMV, 2007-2016	50
Graph 4.8.	ASEAN6 National Currency to USD during 2007-2016 as Compared to the 2007 Level	51
Graph 4.9.	CLMV National Currency to USD during 2007-2016 as Compared to the 2007 Level	51
Graph 5.1.	CLMV: Total Exports and Imports of Goods, 2007-2016	65
Graph 5.2.	CLMV: Extra-ASEAN Exports and Imports of Goods, 2007-2016	65
Graph 5.3.	CLMV: Total Exports and Imports of Goods, 2007-2016	66
Graph 5.4.	CLMV: Extra-ASEAN Exports and Imports of Goods, 2007-2016	66
Graph 5.5.	ASEAN6: Exports and Imports of Goods Share to GDP, 2007-2016	67
Graph 5.6.	ASEAN6: Extra and Intra-ASEAN Exports and Imports of Goods Share to GDP, 2007-2016	67
Graph 5.7.	CLMV: Exports and Imports of Goods Share to GDP, 2007-2016	68

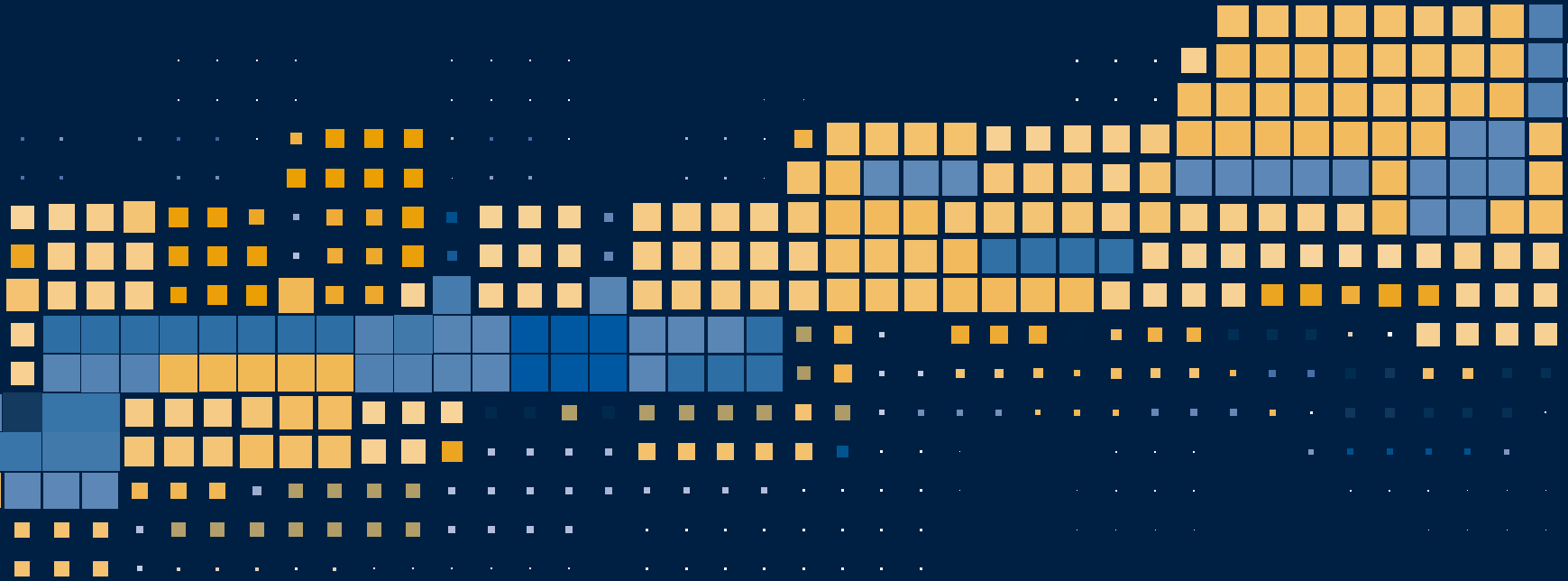


Graph 5.8.	CLMV: Extra and Intra-ASEAN Exports and Imports of Goods Share to GDP, 2007-2016	68
Graph 5.9.	ASEAN6: Total Exports of Goods by Country, 2007-2016	69
Graph 5.10.	ASEAN6: Total Imports of Goods by Country, 2007-2016	69
Graph 5.11.	CLMV: Total Exports of Goods by Country, 2007-2016	70
Graph 5.12.	CLMV: Total Imports of Goods by Country, 2007-2016	70
Graph 5.13.	ASEAN6: Extra-ASEAN Exports of Goods by Country, 2007-2016	71
Graph 5.14.	ASEAN6: Extra-ASEAN Imports of Goods by Country, 2007-2016	71
Graph 5.15.	ASEAN6: Extra-ASEAN Exports of Goods by Country, 2007-2016	72
Graph 5.16.	ASEAN6: Extra-ASEAN Imports of Goods by Country, 2007-2016	72
Graph 5.17.	ASEAN6: Intra-ASEAN Exports of Goods by Country, 2007-2016	73
Graph 5.18.	ASEAN6: Intra-ASEAN Imports of Goods by Country, 2007-2016	73
Graph 5.19.	ASEAN6: Intra-ASEAN Exports of Goods by Country, 2007-2016	74
Graph 5.20.	ASEAN6: Intra-ASEAN Imports of Goods by Country, 2007-2016	74
Graph 5.21.	ASEAN6: Extra and Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods, 2007-2016	75
Graph 5.22.	ASEAN6: Extra and Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods, 2007-2016	75
Graph 5.23.	CLMV: Extra-/Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods, 2007-2016	76
Graph 5.24.	CLMV: Extra-/Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods, 2007-2016	76
Graph 5.25.	Extra and Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods by Country, 2007-2016	77
Graph 5.26.	Extra and Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods by Country, 2007-2016	77
Graph 5.27.	ASEAN Markets of Exports of Goods, 2007	119
Graph 5.28.	ASEAN Markets of Exports of Goods, 2016	119
Graph 5.29.	ASEAN Source of Imports of Goods, 2007	120
Graph 5.30.	ASEAN Source of Imports of Goods, 2016	120
Graph 5.31.	Top Ten Exports of Commodities in ASEAN, 2007	121
Graph 5.32.	Top Ten Exports of Commodities in ASEAN, 2016	121
Graph 5.33.	Top Ten Imports of Goods in ASEAN, 2007	122
Graph 5.34.	Top Ten Imports of Goods in ASEAN, 2016	122

Graph 7.1.	Net Foreign Direct Investment (FDI) Inward Flows in ASEAN6, 2007-2016	143
Graph 7.2.	Net Foreign Direct Investment (FDI) Inward Flows in CLMV, 2007-2016	143
Graph 7.3.	Foreign Direct Investments in ASEAN by Host Country, 2007	146
Graph 7.4.	Foreign Direct Investments in ASEAN by Host Country, 2016	146
Graph 7.5.	Intra and Extra-ASEAN Net FDI Inward Flows, 2007-2016	149
Graph 7.6.	Net FDI Inward Flows in ASEAN by Source Country	149
Graph 7.7.	Net FDI Inward Flows in ASEAN6 by Source Country, 2016	150
Graph 7.8.	Net FDI Inward Flows in CLMV by Source Country, 2016	150
Graph 8.1.	Total Number of Vehicles per 1000 Population, 2007-2016	178
Graph 8.2.	Total Number of Goods Vehicles per 1000 Population, 2007-2016	178
Graph 9.1.	Intra and Extra-ASEAN Visitor Arrivals, 2006-2015	183
Graph 9.4.	ASEAN Visitor Arrivals by Origin, 2006-2015	183
Graph 9.3.	Visitor Arrivals to ASEAN by Origin, 2006-2015	185
Graph 9.4.	Visitor Arrivals to ASEAN by Origin	185
Graph 9.5.	Visitor Arrivals to ASEAN6 by Origin	187
Graph 9.6.	Visitor Arrivals to CLMV by Origin	187
Graph 9.7.	Intra-ASEAN Visitor Arrivals by Host Country	188
Graph 9.8.	Intra-and Extra-ASEAN Visitor Arrivals to ASEAN Member States	188
Graph 9.9.	Visitor Arrivals in ASEAN6, 2006-2015	189
Graph 9.10.	Visitor Arrivals in CLMV, 2006-2015	189

Graph 10.1.	Paddy Production in Five Major Paddy Producers, 1993-2016	205
Graph 10.2.	Sugarcane Production in Five Major Sugarcane Producers, 1993-2016	207
Graph 10.3.	Rate of Growth of ASEAN Five Major Food Commodities, 1995-2016	209
Graph 10.4.	Share of ASEAN Major Markets of Agricultural Commodities, 2016	218
Graph 10.5.	Share of ASEAN Major Markets of Agricultural Commodities, 2015	218
Graph 10.6.	Share of ASEAN Major Origin of Agricultural Commodities, 2016	219
Graph 10.7.	Share of ASEAN Major Origin of Agricultural Commodities, 2015	219
Graph 10.8.	Trend of Livestock and Poultry Meat Production of ASEAN, 2010-2013	232
Graph 10.9.	Growth Rate of Livestock and Poultry Population, 2011-2014	232
Graph 12.1.	Trend of HDI, 2012-2015	261
Graph 12.2.	Percentage of Population Below \$2 PPP Poverty Line	263
Graph 13.1.	Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2007-2016 (US\$ millions)	271
Graph 13.2.	Trend in Cellular/Mobile Phone Density per 100 persons in ASEAN Countries, 2007-2016	280
Graph 13.3.	Trend in Internet Services Density per 100 persons in ASEAN Countries, 2007-2016	280





# CHAPTER 1

# Population



**Table 1.1. Number of Mid Year Population of ASEAN Countries, 2007-2016**

(in thousand)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	370	375	380	387	393	400	406	412	417	423
Cambodia	13,152	13,602	13,811	14,023	14,226	14,452	14,617	14,796	14,976	15,158
Indonesia	225,642	228,523	231,370	238,519	241,991	245,425	248,818	252,165	255,462	258,705
Lao PDR	5,874	6,000	6,128	6,256	6,385	6,514	6,644	6,809	6,492	6,621
Malaysia	27,058	27,568	28,082	28,589	29,062	29,510	30,214	30,709	31,186	31,661
Myanmar	49,334	49,708	50,110	50,537	50,149	50,667	51,184	51,991	52,449	52,917
Philippines	88,706	90,457	92,227	93,135	94,824	96,511	98,197	99,880	101,562	103,243
Singapore	4,589	4,839	4,988	5,077	5,184	5,312	5,399	5,470	5,535	5,607
Thailand	66,041	66,482	66,903	65,921	66,214	66,492	66,755	67,003	67,236	67,455
Viet Nam	84,219	85,119	86,025	86,947	87,860	88,809	89,760	90,729	91,710	92,695
<b>ASEAN</b>	<b>564,985</b>	<b>572,674</b>	<b>580,023</b>	<b>589,390</b>	<b>596,288</b>	<b>604,092</b>	<b>611,993</b>	<b>619,962</b>	<b>627,025</b>	<b>634,485</b>

Source:

ASEAN Secretariat

**Table 1.2. Population Growth in ASEAN Countries, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.5	1.4	1.4	1.8	1.7	1.6	1.6	1.4	1.3	1.4
Cambodia	0.9	1.5	1.5	1.5	1.4	1.6	1.1	1.2	1.2	1.2
Indonesia	1.3	1.3	1.2	3.1	1.5	1.4	1.4	1.3	1.3	1.3
Lao PDR	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.5	-4.7	2.0
Malaysia	1.9	1.9	1.9	1.8	1.7	1.5	2.4	1.6	1.6	1.5
Myanmar	0.7	0.8	0.8	0.9	-0.8	1.0	1.0	1.6	0.9	0.9
Philippines	2.0	2.0	2.0	1.0	1.8	1.8	1.7	1.7	1.7	1.7
Singapore	4.3	5.5	3.1	1.8	2.1	2.5	1.6	1.3	1.2	1.3
Thailand	0.7	0.7	0.6	-1.5	0.4	0.4	0.4	0.4	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
<b>ASEAN</b>	<b>1.3</b>	<b>1.4</b>	<b>1.3</b>	<b>1.6</b>	<b>1.2</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.1</b>	<b>1.2</b>

Source:

ASEAN Secretariat

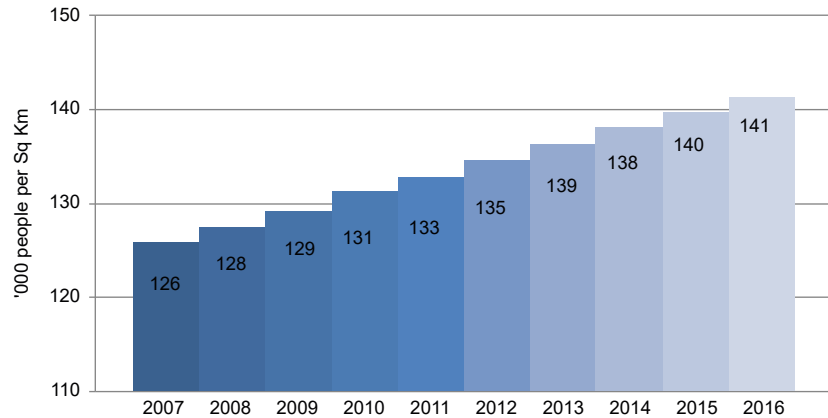
**Table 1.3. Population Density, 2007-2016**

Country	Total Area (Sq. Km)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Rank of Pop. Density in 2016
Brunei Darussalam	5,765	64	65	70	67	68	69	70	71	72	73	9
Cambodia	181,035	73	75	76	77	79	80	81	82	83	84	7
Indonesia	1,913,579	118	119	121	125	126	128	130	132	133	135	4
Lao PDR	236,800	25	25	26	26	27	28	28	29	27	28	10
Malaysia	331,388	82	83	85	86	88	89	91	93	94	96	6
Myanmar	676,576	85	86	87	88	89	89	76	77	78	78	8
Philippines	300,000	296	302	307	310	316	322	327	333	339	344	2
Singapore	719.2	6,552	6,846	7,025	7,146	7,273	7,387	7,507	7,605	7,696	7,797	1
Thailand	513,120	129	130	130	128	129	130	130	131	131	131	5
Viet Nam	331,231	254	257	260	262	265	268	271	274	277	280	3
<b>ASEAN</b>	<b>4,490,212</b>	<b>126</b>	<b>128</b>	<b>129</b>	<b>131</b>	<b>133</b>	<b>135</b>	<b>136</b>	<b>138</b>	<b>140</b>	<b>141</b>	-

Source:  
ASEAN Secretariat

Notes:  
Derived from Table 1.1 and figures on land area.

**Graph 1.1. Population Density of ASEAN Countries, 2007-2016**





**Table 1.4. Population by Sex, 2016**

Country	Number ('000)			Percentage			Sex Ratio
	Male	Female	Total	Male	Female	Total	
Brunei Darussalam	220	203	423	51.9	48.1	100.0	108.0
Cambodia	7,380	7,778	15,158	48.7	51.3	100.0	94.9
Indonesia	129,996	128,709	258,705	50.2	49.8	100.0	101.0
Lao PDR	3,311	3,310	6,621	50.0	50.0	100.0	100.0
Malaysia	16,360	15,300	31,661	51.7	48.3	100.0	106.9
Myanmar	25,451	27,466	52,917	48.1	51.9	100.0	92.7
Philippines	52,081	51,162	103,243	50.4	49.6	100.0	101.8
Singapore <sup>1)</sup>	1,930	2,004	3,934	49.1	50.9	100.0	96.3
Thailand	32,949	34,506	67,455	48.8	51.2	100.0	95.5
Viet Nam	45,706	46,989	92,695	49.3	50.7	100.0	97.3
<b>ASEAN<sup>2)</sup></b>	<b>315,384</b>	<b>317,428</b>	<b>632,812</b>	<b>49.8</b>	<b>50.2</b>	<b>100.0</b>	<b>99.4</b>

Source:  
ASEAN Secretariat

Notes :

1). Using Singapore residents structure and total residents

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

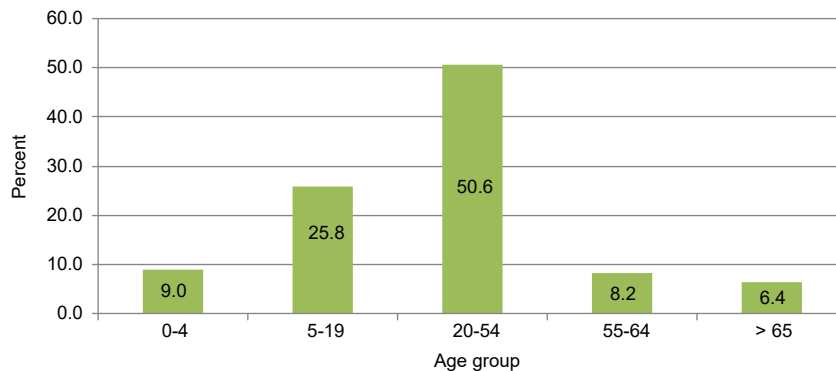
**Table 1.5. Population by Age Group, 2016**

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 <sup>3)</sup>	33	102	238	31	18	423	7.9	24.2	56.3	7.4	4.3	100.0
Cambodia	1,517	4,351	7,529	982	779	15,158	10.0	28.7	49.7	6.5	5.1	100.0
Indonesia	24,007	68,431	132,617	19,894	13,757	258,705	9.3	26.5	51.3	7.7	5.3	100.0
Lao PDR <sup>3)</sup>	696	2,139	3,155	352	280	6,621	10.5	32.3	47.6	5.3	4.2	100.0
Malaysia	2,633	7,999	16,728	2,388	1,913	31,661	8.3	25.3	52.8	7.5	6.0	100.0
Myanmar	4,938	14,909	25,882	4,062	3,126	52,917	9.3	28.2	48.9	7.7	5.9	100.0
Philippines	11,367	31,303	48,752	6,719	5,102	103,243	11.0	30.3	47.2	6.5	4.9	100.0
Singapore <sup>1)</sup>	187	649	2,059	551	488	3,934	4.8	16.5	52.3	14.0	12.4	100.0
Thailand	3,816	12,825	35,168	8,207	7,439	67,455	5.7	19.0	52.1	12.2	11.0	100.0
Viet Nam	7,713	20,743	47,892	8,953	7,395	92,695	8.3	22.4	51.7	9.7	8.0	100.0
<b>ASEAN<sup>2)</sup></b>	<b>56,906</b>	<b>163,451</b>	<b>320,018</b>	<b>52,139</b>	<b>40,297</b>	<b>632,812</b>	<b>9.0</b>	<b>25.8</b>	<b>50.6</b>	<b>8.2</b>	<b>6.4</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

**Graph 1.2. ASEAN Population by Age Group, 2016**



**Table 1.6. Urban Population, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	74.4	-	-	75.7	78.5	78.7	77.0	76.9	78.0	78.0
Cambodia	17.8	17.9	19.5	19.9	21.0	21.5	21.4	22.5	23.0	21.0
Indonesia	43.1	-	-	49.8	51.2	51.9	52.0	53.0	53.3	54.0
Lao PDR	29.7	29.7	-	33.2	35.0	35.3	36.0	37.6	38.0	40.0
Malaysia	63.4	63.5	63.7	71.0	71.9	72.7	73.0	74.0	74.0	75.0
Myanmar	30.5	30.6	-	30.7	30.8	30.8	30.8	30.0	30.0	35.0
Philippines	42.4	-	-	45.3	48.5	48.6	45.0	44.0	44.0	44.0
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	32.9	33.8	-	-	36.1	33.9	44.5	49.0	49.0	52.0
Viet Nam	28.2	29.0	29.6	30.5	31.6	31.9	32.2	33.1	33.1	34.0
<b>ASEAN</b>	<b>39.2</b>	<b>-</b>	<b>-</b>	<b>44.6</b>	<b>45.0</b>	<b>45.2</b>	<b>45.9</b>	<b>46.8</b>	<b>47.0</b>	<b>48.2</b>

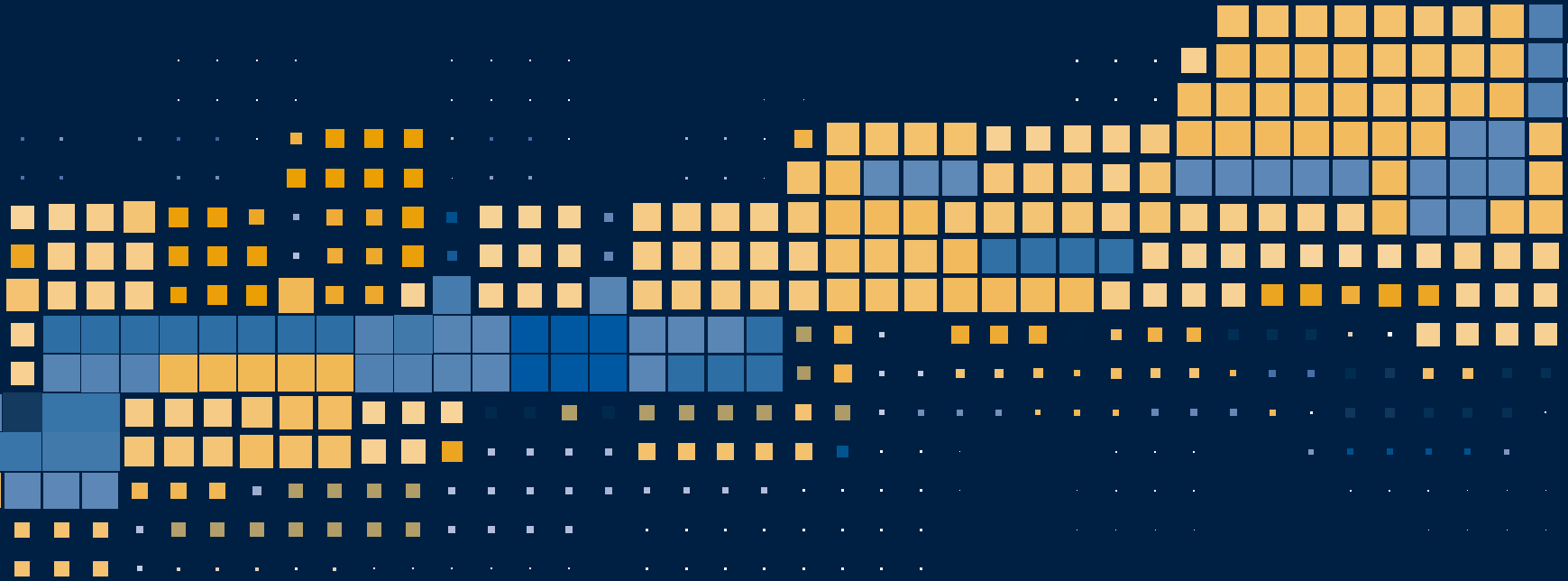
Source:

- 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

Notes:

ASEAN figures is estimated based on AMS figures  
 ASEAN figures were estimated by ASEANstats





## CHAPTER 2

# Education & Health



**Table 2.1. Adult Literacy Rate by Sex, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>										
Brunei Darussalam	-	93.7	96.8	96.0	96.4	96.8	97.2	97.6	-	-
Cambodia	75.1	75.6	73.9	76.7	79.9	79.7	80.7	78.1	80.5	-
Indonesia	91.9	92.2	92.6	92.9	93.0	90.1	93.9	95.9	-	-
Lao PDR	-	-	-	75.3	-	-	79.0	-	84.7	-
Malaysia	92.3	92.1	92.7	93.1	93.9	94.1	94.2	94.5	94.2	94.9
Myanmar	-	-	-	-	89.3	89.4	89.4	89.5	89.6	-
Philippines	-	95.4	-	-	-	-	96.5	-	-	-
Singapore	94.8	95.2	95.6	95.9	96.2	96.4	96.5	96.7	96.8	97.0
Thailand	-	-	-	96.1	-	-	-	-	-	-
Viet Nam	93.8	93.6	94.0	93.7	94.2	94.7	94.8	94.7	94.9	95.0
<b>Male</b>										
Brunei Darussalam	95.8	95.8	97.3	97.4	97.6	97.8	98.1	98.3	-	-
Cambodia	85.3	84.6	82.7	85.1	87.8	86.9	87.7	84.8	86.5	-
Indonesia	95.2	95.4	95.7	95.4	95.7	95.9	96.5	97.6	-	-
Lao PDR	80.0	-	-	81.2	-	-	83.0	87.1	90.0	-
Malaysia	95.1	94.7	95.2	95.3	95.9	95.9	95.9	96.2	95.8	96.3
Myanmar	-	-	-	-	92.3	92.5	92.5	92.6	92.7	-
Philippines	93.1	95.0	-	-	-	-	96.1	-	-	-
Singapore	97.6	97.7	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.7
Thailand	95.9	-	-	96.1	-	-	-	96.6	-	-
Viet Nam	96.2	96.1	96.1	95.9	96.2	96.6	96.6	96.4	96.6	96.6
<b>Female</b>										
Brunei Darussalam	91.5	91.5	94.6	94.6	95.2	95.8	96.3	96.9	-	-
Cambodia	66.0	67.7	65.9	69.1	72.6	73.2	74.4	71.8	75.0	-
Indonesia	88.6	89.1	89.7	90.5	90.6	90.6	91.4	94.1	-	-
Lao PDR	66.6	-	-	69.6	-	-	74.0	72.8	79.4	-
Malaysia	89.5	89.5	90.2	90.7	91.8	92	92	92.7	92.6	93.4
Myanmar	-	-	-	-	86.6	86.7	86.8	86.9	87.0	-
Philippines	93.7	95.8	-	-	-	-	91.7	-	-	-
Singapore	92.1	92.7	93.3	93.8	94.1	94.4	94.6	94.9	95.2	95.4
Thailand	92.6	-	-	96.1	-	-	-	96.7	-	-
Viet Nam	91.6	91.3	92.0	91.6	92.2	92.9	93.1	93.0	93.3	93.5

Source:  
ASEAN Secretariat  
ADB Key Indicators for Asia and the Pacific, 2010-2017

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, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>										
Brunei Darussalam	96.7	96.8	97.5	97.4	-	-	-	-	98.0	-
Cambodia	92.1	93.3	94.4	94.8	95.2	97.0	95.6	94.5	93.9	93.5
Indonesia	93.8	94.0	94.4	94.8	91.0	92.5	95.6	96.4	96.2	96.7
Lao PDR	86.4	89.2	91.6	92.7	94.1	95.2	-	-	98.0	-
Malaysia	96.2	95.5	95.7	96.2	95.9	96.4	97.3	98.4	98.1	-
Myanmar	82.7	83.6	83.9	84.1	84.6	84.6	86.4	86.7	94.5	-
Philippines	87.9	88.3	89.2	89.4	89.9	95.1	93.8	92.6	91.0	-
Singapore	97.1	97.1	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	-	-	-	86.0	-	97.6	98.8	-	96.0	-
Viet Nam	96.1	97.0	95.5	94.9	95.3	96.5	96.6	-	99.0	-
<b>Male</b>										
Brunei Darussalam	95.7	95.7	95.9	96.9	-	-	-	-	-	-
Cambodia	93.2	93.2	94.8	95.0	95.8	98.0	95.4	94.1	93.3	93.2
Indonesia	93.8	94.0	94.4	95.0	91.6	92.4	95.7	96.6	-	97.0
Lao PDR	88.1	90.4	92.7	93.7	94.9	96.0	-	-	-	-
Malaysia	95.6	94.0	95.2	95.9	95.6	96.4	97.3	98.7	97.8	-
Myanmar	84.2	84.5	84.5	-	-	-	-	86.3	85.2	-
Philippines	74.8	75.0	76.4	94.5	95.8	94.2	93.0	91.8	-	-
Singapore	97.6	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	93.0	91.4	90.0	90.0	-	-	-	-	-	-
Viet Nam	-	-	95.5	95.0	95.2	96.4	96.7	-	-	-
<b>Female</b>										
Brunei Darussalam	89.4	89.7	91.2	91.9	-	-	-	-	-	-
Cambodia	91.0	93.3	94.0	94.6	94.6	97.7	95.8	94.9	94.7	93.9
Indonesia	93.6	93.9	92.2	94.7	90.5	92.4	95.5	96.3	-	96.7
Lao PDR	84.5	87.0	90.4	91.7	93.3	94.3	-	-	-	-
Malaysia	96.9	95.3	96.2	96.5	96.2	96.5	97.3	98.0	98.4	-
Myanmar	82.8	82.7	82.7	-	-	-	-	83.0	94.8	-
Philippines	88.6	88.7	89.0	-	-	-	-	-	-	-
Singapore	96.6	96.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand	91.4	89.9	89.4	89.4	-	-	-	-	-	-
Viet Nam	-	-	95.4	94.9	95.4	96.6	96.5	-	-	-

Source:

ASEAN Secretariat as of November 2017

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, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>										
Brunei Darussalam	-	-	-	97.0	-	-	-	-	-	-
Cambodia	23.0	24.7	24.9	26.0	27.6	28.7	34.7	34.8	35.7	37.1
Indonesia	66.6	67.0	67.4	67.7	68.4	70.9	73.9	77.5	77.8	78.0
Lao PDR	34.6	37.2	36.8	33.9	33.4	34.7	-	-	-	-
Malaysia	87.7	89.1	90.0	89.6	89.8	90.2	90.4	68.0	68.5	-
Myanmar	43.7	45.1	44.7	45.5	47.2	47.5	63.5	41.4	57.3	-
Philippines	59.6	59.9	60.5	59.9	60.9	-	-	-	-	-
Singapore	95.1	95.0	95.2	98.3	98.8	98.8	99.3	99.5	99.5	-
Thailand	-	81.9	-	83.4	-	-	-	-	83.0	-
Viet Nam	82.7	83.1	-	-	-	-	-	-	-	-
<b>Male</b>										
Brunei Darussalam	91.8	92.8	95.5	-	-	-	-	-	-	-
Cambodia	23.8	24.7	24.8	25.1	26.7	31.3	33.6	33.2	33.5	34.2
Indonesia	66.0	66.4	66.8	67.0	67.0	69.5	72.4	-	-	-
Lao PDR	39.5	41.6	41.1	55.5	36.8	38.0	-	-	-	-
Malaysia	85.3	86.6	87.3	87.0	87.0	87.5	87.6	65.0	65.0	-
Myanmar	37.6	39.3	38.5	-	-	-	-	-	-	-
Philippines	54.8	55.6	56.4	-	-	-	-	-	-	-
Singapore	95.1	95.1	95.6	98.5	99.0	98.9	99.5	99.5	99.5	-
Thailand	-	-	-	-	-	-	-	-	-	-
Viet Nam	-	-	-	-	-	-	-	-	-	-
<b>Female</b>										
Brunei Darussalam	95.7	96.6	99.4	-	-	-	-	-	-	-
Cambodia	22.2	24.7	25.1	27.1	28.6	29.1	35.8	36.5	38.0	40.1
Indonesia	67.3	67.6	68.1	68.3	69.3	72.2	75.4	-	-	-
Lao PDR	29.7	32.6	32.5	30.4	30.0	31.4	-	-	-	-
Malaysia	90.4	91.8	92.9	92.4	92.8	93.1	93.4	71.2	72.3	-
Myanmar	37.6	40.0	40.6	-	-	-	-	-	-	-
Philippines	66.1	66.5	66.9	-	-	-	-	-	-	-
Singapore	95.0	94.9	94.8	98.1	98.5	98.8	99.2	99.6	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, 2007-2015**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Primary School</b>									
Brunei Darussalam	91	92	93	93	94	93	94	94	94
Cambodia	93	96	90	91	-	-	-	-	101
Indonesia	96	-	93	100	101	102	-	-	100
Lao PDR	90	96	-	93	-	-	-	-	92
Malaysia	94	94	94	94	95	94	94	-	101
Myanmar	99	97	98	97	97	96	-	-	96
Philippines	98	102	93	92	-	-	-	-	98
Singapore	99	99	99	100	100	100	100	100	100
Thailand	100	99	94	94	-	-	-	-	90
Viet Nam	94	95	-	93	-	92	92	92	93
<b>Secondary School</b>									
Brunei Darussalam	98	97	96	96	88	88	89	89	92
Cambodia	82	-	84	86	-	91	94	-	109
Indonesia	101	99	96	102	101	102	-	-	103
Lao PDR	79	81	-	58	-	-	-	-	89
Malaysia	99	99	99	99	99	99	99	-	111
Myanmar	98	99	103	100	64	56	-	-	107
Philippines	110	109	104	104	-	-	-	-	107
Singapore	100	100	99	100	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, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Primary School</b>										
Brunei Darussalam	13	13	13	12	-	11	11	10	10	10
Cambodia	53	51	49	50	48	48	48	-	-	46
Indonesia	20	19	18	17	17	18	20	17	17	-
Lao PDR	31	31	30	31	29	27	26	-	-	24
Malaysia	17	-	15	14	13	13	12	-	-	12
Myanmar	30	29	28	28	28	27	28	-	-	-
Philippines	35	34	-	31	-	-	-	-	-	-
Singapore	23	22	19	17	-	18	18	16	-	-
Thailand	18	18	16	-	-	-	-	-	-	17
Viet Nam	21	20	19	19	19	19	19	19	19	19
<b>Secondary School</b>										
Brunei Darussalam	11	11	11	10	-	-	9	8	8	9
Cambodia	-	29	29	27	27	25	23	-	-	-
Indonesia	12	13	14	14	14	17	19	17	16	-
Lao PDR	25	23	23	15	16	14	13	-	-	19
Malaysia	17	-	15	14	13	13	13	-	-	12
Myanmar	34	33	36	35	34	35	34	-	-	-
Philippines	37	35	-	35	-	-	-	-	-	-
Singapore	18	18	16	15	-	15	14	13	-	-
Thailand	22	21	21	-	-	20	-	-	-	28
Viet Nam	23	21	17	16	16	16	15	16	16	-

Source:

ASEAN Secretariat

ADB Key Indicators for Asia and the Pacific, 2010-2017 and United Nations

Educational, Scientific and Cultural Organization (UNESCO) Website

Note:

- - not available at the time of publication

**Table 2.6. Crude Birth Ratio (CBR) and Crude Death Ratio (CDR), 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Crude Birth ratio (CBR)</b>										
Brunei Darussalam	17.0	16.2	17.1	17.4	16.6	17.1	17.3	16.4	16.7	15.7
Cambodia	28.5	26.4	24.7	24.7	22.5	-	25.9	25.7	-	23.8
Indonesia	17.7	18.7	18.6	18.2	18.2	-	20.4	18.8	-	19.6
Lao PDR	33.7	32.6	31.6	30.7	22.8	-	28.1	27.2	26.6	26.3
Malaysia	18.1	17.6	20.4	20.0	20.3	17.1	17.2	-	-	16.8
Myanmar	17.3	18.2	20.5	20.3	17.3	-	17.4	17.2	-	17.5
Philippines	24.1	25.8	24.7	24.4	25.1	-	24.6	24.4	-	23.3
Singapore	10.1	10.3	10.2	9.9	9.3	9.5	10.1	9.3	9.8	9.7
Thailand	12.9	14.6	14.5	14.4	12.1	12.4	12.5	10.2	-	10.5
Viet Nam	17.4	16.9	16.7	17.6	17.1	16.6	16.9	17.0	17.2	16.9
<b>Crude Death Ratio (CDR)</b>										
Brunei Darussalam	2.9	3.0	2.9	3.1	3.1	3.1	3.0	3.4	3.6	3.0
Cambodia	8.8	9.0	8.3	8.2	8.0	-	6.0	6.0	-	6.0
Indonesia	7.2	6.3	6.3	6.3	7.0	-	6.3	6.2	-	7.2
Lao PDR	9.4	9.1	8.7	8.4	6.3	-	7.4	7.0	6.3	6.6
Malaysia	4.5	4.4	4.5	4.5	4.7	4.6	4.7	4.7	-	5.0
Myanmar	9.4	9.7	9.8	9.6	8.6	-	8.5	8.5	-	8.3
Philippines	5.6	4.8	4.8	4.8	5.8	-	6.0	6.0	-	6.8
Singapore	4.3	4.5	4.4	4.3	4.4	4.5	4.5	4.6	4.7	4.8
Thailand	7.9	8.5	9.0	6.2	6.5	6.5	6.5	7.7	-	8.0
Viet Nam	5.3	5.3	5.3	6.8	6.8	6.9	7.0	7.1	6.9	5.8

Source:

ASEAN Secretariat

World Bank-WDI Databank; ADB Key Indicators for Asia and the Pacific 2010-2017;

ESCAP Population Data Sheet 2006, 2010; ESCAP Yearbook 2015-2017

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, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Infant Mortality Rate (IMR)</b>										
Brunei Darussalam	6.6	7.6	7.0	7.4	6.1	8.3	9.3	7.8	7.3	8.8
Cambodia	-	70.0	60.0	60.0	44.9	36.0	33.0	-	-	27.0
Indonesia	30.8	-	-	-	34.0	34.0	27.9	27.2	-	22.2
Lao PDR	67.2	64.4	61.8	59.2	56.6	68.0	51.5	48.9	-	57.0
Malaysia	6.1	6.3	6.2	6.9	6.8	6.6	6.6	-	-	6.9
Myanmar	46.3	46.5	29.5	27.2	27.1	27.0	26.0	24.3	-	39.0
Philippines	25.0	23.0	24.5	23.9	27.0	20.0	-	-	-	23.0
Singapore	2.6	2.1	2.1	2.2	2.0	2.0	1.8	2.0	1.8	1.7
Thailand	7.4	7.2	7.3	7.1	7.0	6.6	6.8	-	-	6.2
Viet Nam	16.0	13.0	15.0	16.0	15.8	15.5	15.4	15.3	14.9	14.7
<b>Under-5 mortality rate</b>										
Brunei Darussalam	9.2	9.5	9.5	8.2	7.2	10.0	10.3	9.7	8.7	9.9
Cambodia	-	-	-	-	54.0	43.0	40.0	-	-	35.0
Indonesia	-	-	-	-	42.0	32.0	40.0	-	-	26.3
Lao PDR	93.0	88.6	84.4	80.4	76.4	79.0	68.4	64.3	-	86.0
Malaysia	7.9	7.9	8.0	8.5	8.5	-	9.0	-	-	8.4
Myanmar	66.2	64.3	40.7	36.5	34.9	33.9	29.6	-	-	52.0
Philippines	32.0	-	-	-	36.0	25.0	-	-	-	31.0
Singapore	2.9	2.9	2.7	2.8	2.9	2.9	2.7	2.6	2.6	2.6
Thailand	10.4	10.0	9.9	9.8	9.8	9.0	9.0	9.0	-	8.6
Viet Nam	24.1	24.1	22.5	24.1	23.8	23.3	23.2	23.1	22.4	22.1

Source:

ASEAN Secretariat

World Bank-WDI Databank; ADB Key Indicators for Asia and the Pacific, ADB Basic Indicators 2014; ESCAP Population Data Sheet 2006, 2007

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 of ASEAN Countries, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Fertility Rate (TFR)</b>										
Brunei Darussalam	1.8	1.7	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9
Cambodia	3.2	3.2	2.9	2.9	2.6	-	-	2.7	-	2.6
Indonesia	2.2	2.2	2.2	2.1	2.1	-	-	2.5	-	2.4
Lao PDR	4.3	4.2	4.0	3.4	2.7	-	3.4	3.2	-	2.9
Malaysia	2.6	2.6	2.6	2.5	2.1	2.1	2.1	2.0	-	1.9
Myanmar	2.1	2.1	2.3	2.3	2.4	2.3	2.2	2.2	-	2.2
Philippines	3.2	3.2	3.1	3.0	3.1	-	-	3.0	-	2.9
Singapore	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2
Thailand	1.9	1.9	1.8	1.8	1.6	-	-	1.5	-	1.5
Viet Nam	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.0
<b>Maternal Mortality Rate (MMR) death per 100,000 live births</b>										
Brunei Darussalam	30.4	34.2	0.0	16.3	15.6	-	43.0	15.0	15.0	59.7
Cambodia	-	-	-	-	206.0	-	-	170.0	-	170.0
Indonesia	-	-	-	-	169.0	-	-	190.0	-	305.0
Lao PDR	-	-	-	-	280.0	-	-	220.0	-	206.0
Malaysia	27.5	29.0	27.3	27.0	26.1	26.2	25.6	29.0	-	23.8
Myanmar	-	-	-	-	233.0	-	-	200.0	-	180.0
Philippines	-	-	-	-	129.0	-	-	120.0	-	221.0
Singapore	10.4	7.6	7.5	0.0	2.6	8.0	2.0	3.0	2.0	7.1
Thailand	11.7	12.2	11.3	10.8	10.2	8.9	17.6	26.0	-	24.6
Viet Nam	75.1	75.0	76.0	69.0	69.0	-	-	49.0	-	-

Source:

ASEAN Secretariat

ADB Key Indicators, 2001-2012; Human Development Report 2006, 2008-2009, UNSD demographic database as of December 2007, World Bank - WDI Database 2015 Countdown to 2015 Maternal, Newborn & Child Survival website

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 Rate by Sex, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>										
Brunei Darussalam	77.2	78.2	77.6	77.7	77.1	78.1	77.1	77.4	77.4	-
Cambodia	62.4	63.1	63.8	64.5	65.2	65.9	66.6	67.6	68.3	69.1
Indonesia	70.4	70.5	70.7	69.8	70.0	70.2	70.4	70.6	70.8	70.9
Lao PDR	-	-	-	64.7	65.4	66.1	66.9	68.0	68.0	-
Malaysia	73.8	73.9	73.9	74.1	74.3	74.4	74.6	74.7	74.8	-
Myanmar	65.9	66.2	66.5	66.6	66.9	68.1	68.7	69.0	69.4	-
Philippines	68.9	68.9	68.9	68.9	70.4	-	68.7	70.4	70.4	-
Singapore	80.6	80.9	81.4	81.7	81.9	82.1	82.4	82.8	82.9	82.9
Thailand	-	-	-	-	74.1	74.2	74.4	-	-	74.3
Viet Nam	72.8	73.2	72.8	72.9	73.0	73.0	73.1	73.2	73.3	73.4
<b>Male</b>										
Brunei Darussalam	75.2	76.6	77.1	76.5	75.6	76.3	75.7	75.9	76.9	-
Cambodia	59.3	60.0	60.7	61.4	62.0	62.7	63.4	65.6	66.4	67.1
Indonesia	68.4	68.6	68.8	69.0	67.7	67.7	-	-	-	-
Lao PDR	64.4	64.9	65.4	62.7	66.5	-	-	66.0	65.0	-
Malaysia	71.5	71.6	71.6	71.9	72.1	72.2	72.4	72.5	77.4	-
Myanmar	63.6	64.2	64.5	64.6	64.9	66.6	67.5	-	-	-
Philippines	66.1	66.1	66.1	66.1	67.6	65.2	65.4	-	73.1	-
Singapore	78.1	78.4	78.9	79.2	79.5	79.8	80.1	80.5	80.5	80.6
Thailand	70.1	70.3	70.4	70.6	70.8	70.9	71.1	-	-	-
Viet Nam	70.2	70.6	70.2	70.3	70.4	70.5	70.5	70.6	70.7	70.8
<b>Female</b>										
Brunei Darussalam	77.8	79.8	77.9	77.8	78.5	79.9	78.4	78.8	78.0	-
Cambodia	65.6	66.3	67.0	67.7	68.4	69.1	69.8	69.6	70.4	71.2
Indonesia	72.4	72.6	72.6	72.9	71.1	71.7	-	-	-	-
Lao PDR	67.0	67.5	68.0	66.7	68.9	-	-	70.0	62.0	-
Malaysia	76.3	76.4	76.5	76.6	76.8	76.9	77.1	77.2	72.5	-
Myanmar	68.1	68.3	68.4	68.6	68.7	69.5	69.9	-	-	-
Philippines	71.6	71.6	71.6	71.6	73.1	-	72.2	-	67.6	-
Singapore	82.9	83.3	83.7	84.0	84.1	84.3	84.5	84.9	85.1	85.1
Thailand	77.0	77.1	77.3	77.4	77.5	77.6	77.8	-	-	-
Viet Nam	75.6	76.0	75.6	75.7	75.8	75.8	75.9	76.0	76.1	76.1

Source:

ASEAN Secretariat

World Bank - World Development Indicators - WDI Databank

2014; ADB Key Indicators for Asia and the Pacific 2014

Note:

Lao PDR: 2007-2009 data from WB-WDI Databank (Male and Female)

Thailand: 2007-2010 data from WB-WDI Databank (Male and Female) and 2012 figure from ADB Key Indicators for Asia Pacific 2014

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

'-' - not available at the time of publication

**Table 2.10. Immunization Against Measles and DPT Among Children of 1 Year Old, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Measles</b>										
Brunei Darussalam	100.0	96.8	97.0	99.0	94.4	91.0	98.6	96.0	97.0	98.0
Cambodia	78.0	79.0	80.0	81.0	81.9	93.0	93.0	93.0	94.0	81.0
Indonesia	78.2	75.9	75.5	77.2	77.7	76.9	78.0	77.9	78.7	76.0
Lao PDR	48.0	40.0	40.0	59.0	78.0	69.0	72.0	82.0	87.0	76.0
Malaysia	65.4	87.5	94.3	96.9	96.1	95.2	95.5	95.3 <sup>p/</sup>	94.0	96.0
Myanmar	78.0	81.0	82.0	87.0	88.0	84.9	84.0	86.0	88.0	91.0
Philippines	92.0	92.0	92.0	88.0	88.0	79.0	85.0	90.0	88.0	80.0
Singapore	93.0	95.0	95.0	95.0	95.0	95.0	95.0	94.0	-	95.0
Thailand	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0
Viet Nam	96.4	82.8	95.6	97.0	97.8	96.5	96.4	97.7	86.2	99.0
<b>DPT</b>										
Brunei Darussalam	100.0	99.0	99.0	99.0	95.4	97.0	95.4	99.6	99.0	99.0
Cambodia	-	82.0	82.0	94.0	92.0	94.0	95.0	92.0	97.0	90.0
Indonesia	87.1	86.4	86.1	89.1	89.8	89.1	90.0	90.3	90.7	79.0
Lao PDR	-	50.0	50.0	57.0	74.0	78.0	79.0	89.0	94.0	82.0
Malaysia	96.4	96.0	96.0	95.0	94.0	99.0	99.0	97.0	93.0	98.0
Myanmar	82.0	86.0	85.0	90.0	90.0	83.5	85.0	90.0	92.0	90.0
Philippines	-	87.0	87.0	87.0	87.0	81.0	86.0	98.0	86.0	86.0
Singapore	-	96.0	96.0	97.0	97.0	96.0	96.0	96.0	-	97.0
Thailand	-	98.0	98.0	99.0	99.0	99.0	99.0	100.0	100.0	99.0
Viet Nam	-	92.0	92.0	96.0	93.0	95.0	97.0	83.0	95.0	96.0

Source:

ASEAN Secretariat

Human Development Report, 2006 and 2007/8 for 2005 figures except for Indonesia

ADB Key Indicators for Asia and the Pacific 2008 for immunisation against measles 2006, except for Brunei Darussalam, Indonesia and Malaysia

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.

Note:

Singapore: proportion of children aged 2, immunized

'-' - not available at the time of publication

p/ preliminary figure



**Table 2.11. Prevalence of Malaria and Tuberculosis<sup>1)</sup>, 2006-2015**

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Malaria</b>										
Brunei Darussalam	-	-	-	-	4.1	-	-	-	-	0.9
Cambodia	720.0	-	-	-	407.0	-	-	-	-	274.0
Indonesia	-	-	-	-	196.0	-	-	-	39.8	85.0
Lao PDR	-	-	-	-	2.7	-	-	-	-	0.6
Malaysia	19.7	20.1	26.8	25.1	23.5	-	-	-	-	7.6
Myanmar	1,047.0	900.0	1,170.0	1,000.0	943.0	-	809.0	681.0	409.0	574.0
Philippines	40.7	41.0	26.2	21.6	13.0	9.8	-	-	-	8.0
Singapore	4.1	3.4	3.1	3.4	3.7	2.9	2.7	2.1	1.1	0.8
Thailand	46.3	49.1	45.7	36.6	40.3	33.0	-	-	-	9.3
Viet Nam	91.6	70.9	60.5	60.9	62.0	51.6	-	-	-	35.0
<b>Tuberculosis</b>										
Brunei Darussalam	-	-	-	-	57.0	-	-	-	-	48.0
Cambodia	-	-	-	-	442.0	-	-	-	-	390.0
Indonesia	-	-	-	-	228.0	-	-	-	-	183.0
Lao PDR	-	-	-	-	255.0	-	-	-	-	204.0
Malaysia	62.1	62.2	63.5	64.9	68.4	-	-	-	-	80.0
Myanmar	n.a	n.a	564.0	544.0	525.0	506.0	489.0	473.0	457.0	365.0
Philippines	151.5	151.6	273.1	340.4	97.0	292.4	-	-	-	322.0
Singapore	35.9	35.0	40.3	39.4	39.9	41.0	41.5	37.6	36.9	36.0
Thailand	53.4	53.8	54.3	63.1	63.7	66.9	49.0	-	-	49.0
Viet Nam	118.0	117.0	116.0	114.0	62.0	-	-	-	-	2.0

Source:

ASEAN Secretariat

World Health Statistics 2012-2017, World Health Organisation

Note:

"-" - not available at the time of publication

1) per 100,000 population

**Table 2.12. HIV Prevalence Rate among 15-24 Year Old People by Sex, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2015
<b>High Estimates</b>									
Brunei Darussalam	-	-	-	-	-	<0.1	-	-	-
Cambodia	1.10	1.00	1.00	0.8	0.9	0.7	0.8	0.7	0.6
Indonesia	0.20	0.20	0.30	0.2	0.4	0.3	0.4	0.5	0.4
Lao PDR	0.10	0.20	0.10	0.2	0.1	0.3	0.3	0.1	0.3
Malaysia	0.40	0.50	0.40	0.5	0.4	0.4	0.4	0.4	0.4
Myanmar	0.80	0.70	0.80	0.6	0.7	0.6	0.6	0.6	0.8
Philippines	-	<0.1	-	<0.1	-	<0.1	<0.1	-	0.1
Singapore	-	0.20	-	0.1	-	0.1	-	-	-
Thailand	1.40	1.40	1.30	1.3	1.2	1.2	1.1	1.1	1.1
Viet Nam	0.40	0.50	0.40	0.4	0.4	0.5	0.4	0.4	0.4

Source:

Report on the Global AIDS Epidemic (UNAIDS 2004-2017), WB taken from UNAIDS estimate

Cambodia is country figure

Note:

% ages 15-49 years old (Both Sex)

'-' - not available at the time of publication

**Table 2.13. Proportion of Population with Access to Safe Drinking Water and Access to Improved Sanitation, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Access to Safe Drinking Water</b>										
Brunei Darussalam	99	100	100	100	100	100	100	100	100	100
Cambodia	-	55	55	49	48	51	51	54	-	59
Indonesia	48	48	46	48	44	43	43	41	39	71
Lao PDR	-	-	-	-	82	70	70	-	-	61
Malaysia	95	91	91	93	94	94	94	-	-	95
Myanmar	78	80	82	83	83	-	-	-	-	80
Philippines	81	82	81	-	83	83	83	-	-	86
Singapore	100	100	100	100	100	100	100	100	100	100
Thailand	99	99	-	99	99	100	100	97	-	97
Viet Nam	89	-	91	-	89	96	91	-	92	93
<b>Access to Improved Sanitation</b>										
Brunei Darussalam	80	80	80	80	80	80	80	-	-	87
Cambodia	-	31	33	35	40	44	44	52	-	62
Indonesia	35	44	49	51	51	56	56	58	-	62
Lao PDR	-	-	-	-	49	57	62	-	-	73
Malaysia	98	98	98	98	98	98	99	-	-	100
Myanmar	-	80	82	83	84	81	81	80	-	80
Philippines	84	88	89	-	92	92	92	-	-	94
Singapore	100	100	100	100	100	100	100	100	100	100
Thailand	99	99	99	99	99	100	100	97	-	100
Viet Nam	59	-	65	-	76	75	77	-	79	84

Source:

ASEAN Secretariat

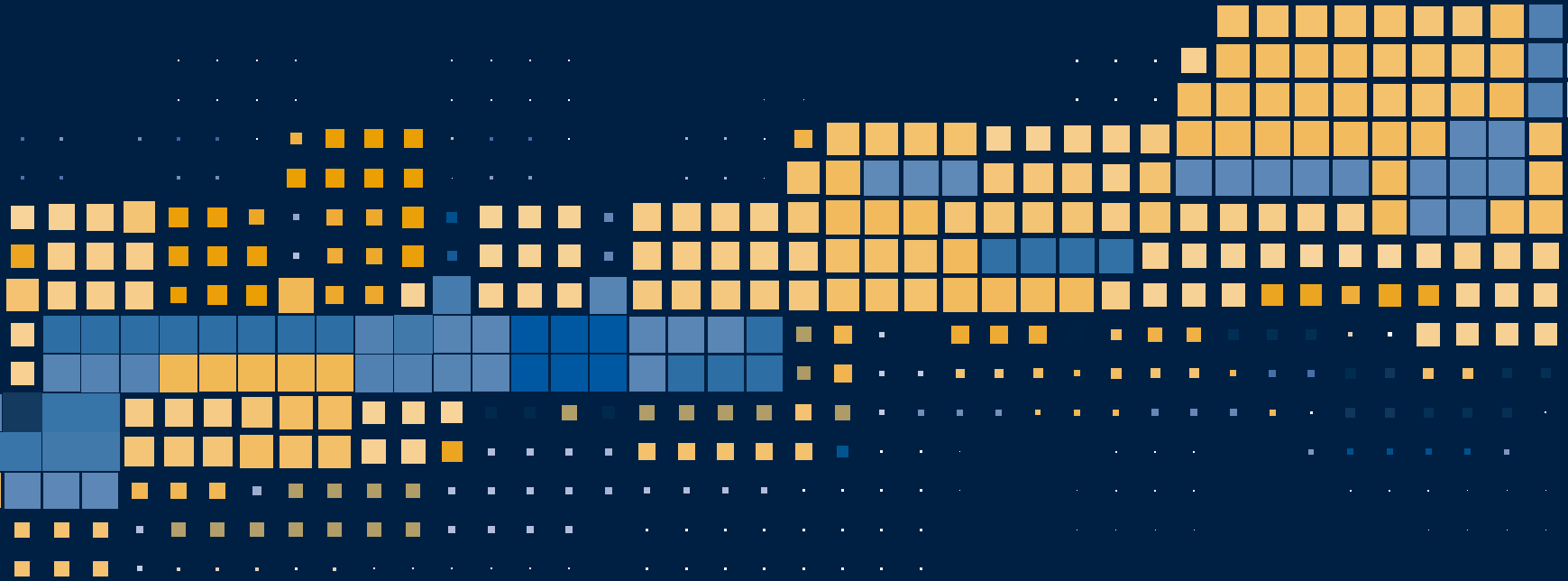
ADB Key Indicators 2006-2014; UNSD -demographic and social database,

UNESCAP Yearbook 2009.

Note:

"-" - not available at the time of publication





CHAPTER 3  
**Employment**



**Table 3.1. Unemployment Rate of 15 Years Old and Over, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	8.3	8.6	8.8	9.1	9.3	9.6	-	6.9	-	-
Cambodia	0.7	0.3	0.1	0.3	0.2	0.2	0.3	0.2	1.0	-
Indonesia	9.1	8.4	7.9	7.1	6.6	6.1	6.3	5.9	6.2	5.6
Lao PDR	-	-	-	1.9	-	-	-	-	-	-
Malaysia	3.2	3.3	3.7	3.3	3.1	3.0	3.1	2.9	3.1	3.4
Myanmar <sup>3)</sup>	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-
Philippines	7.3	7.4	7.5	7.4	7.0	7.0	7.1	6.6	5.6	5.5
Singapore <sup>1)</sup>	3.0	3.2	4.3	3.1	2.9	2.8	2.8	2.7	2.8	3.0
Thailand <sup>2)</sup>	1.4	1.4	1.5	1.0	0.7	0.7	0.7	0.8	0.9	1.0
Viet Nam <sup>4)</sup>	2.2	2.2	2.6	2.6	2.0	1.8	2.0	1.9	2.1	2.1

Source: ASEAN Secretariat

Note:

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

- - not available at the time of publication

**Table 3.2. Number of Unemployment, 2007-2016**

(in thousand)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	15.2	16.0	16.9	17.9	18.8	19.8	-	14.1	-	-
Cambodia	51.6	24.6	11.0	27.5	16.0	12.0	8.0	15.0	8.0	-
Indonesia	10,011.1	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
Lao PDR	-	-	-	-	-	3,886.6	-	-	-	-
Malaysia	351.4	368.5	418.0	404.4	389.2	401.2	435.1	411.1	450.3	504.1
Myanmar	1,180.0	1,200.0	-	1,240.0	1,260.0	1,280.0	1,290.0	954.0	168.0	-
Philippines	2,653.0	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
Singapore <sup>1)</sup>	56.7	62.9	86.9	64.8	60.6	60.0	59.8	61.2	62.5	67.4
Thailand <sup>2)</sup>	508.0	522.0	572.3	402.2	264.3	259.1	283.5	322.7	340.6	377.5
Viet Nam	1,030.0	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

Source: ASEAN Secretariat

Note:

- 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, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Male</b>										
Brunei Darussalam	7.4	7.5	7.5	7.6	7.5	7.6	-	6.2	-	-
Cambodia	0.7	0.3	0.2	0.4	0.3	0.1	0.3	1.0	1.0	-
Indonesia	8.1	7.6	7.5	6.2	5.9	5.8	6.0	5.8	6.1	5.7
Lao PDR	-	-	-	1.8	-	-	-	-	-	-
Malaysia	3.1	3.2	3.6	3.1	2.9	3.0	2.9	2.7	2.9	3.1
Myanmar	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	0.7	-
Philippines	6.4	7.0	7.4	7.4	6.7	7.0	6.7	-	6.6	5.6
Singapore	2.8	3.0	4.1	3.0	2.6	2.7	2.7	2.7	2.7	3.0
Thailand	1.5	1.5	1.5	1.1	0.7	0.7	0.8	0.9	0.9	1.0
Viet Nam	2.3	2.5	2.5	2.3	1.7	1.6	2.0	1.9	2.3	2.2
<b>Female</b>										
Brunei Darussalam	9.6	10.1	10.7	11.3	11.7	12.4	-	7.8	-	-
Cambodia	0.8	0.4	0.1	0.3	0.1	0.2	0.3	1.0	-	-
Indonesia	10.8	9.7	8.5	8.7	7.6	6.7	6.4	6.3	6.4	5.4
Lao PDR	-	-	-	2.0	-	-	-	-	-	-
Malaysia	3.4	3.7	3.8	3.6	3.3	3.2	3.4	3.2	3.4	3.9
Myanmar	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	0.9	-
Philippines	6.0	6.6	6.7	6.7	6.1	6.7	5.9	-	5.8	5.2
Singapore	3.1	3.5	4.7	3.4	3.2	3.1	2.9	2.9	2.9	3.0
Thailand	1.2	1.3	1.4	1.0	0.6	0.6	0.7	0.8	0.9	1.0
Viet Nam	2.1	1.9	2.7	3.1	2.4	2.0	1.9	1.8	2.0	1.9

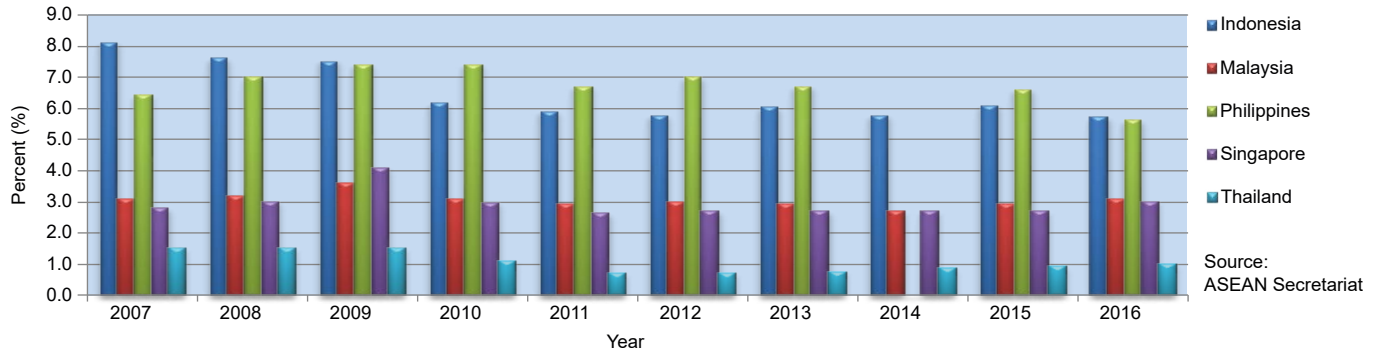
Source: ASEAN Secretariat

Note:

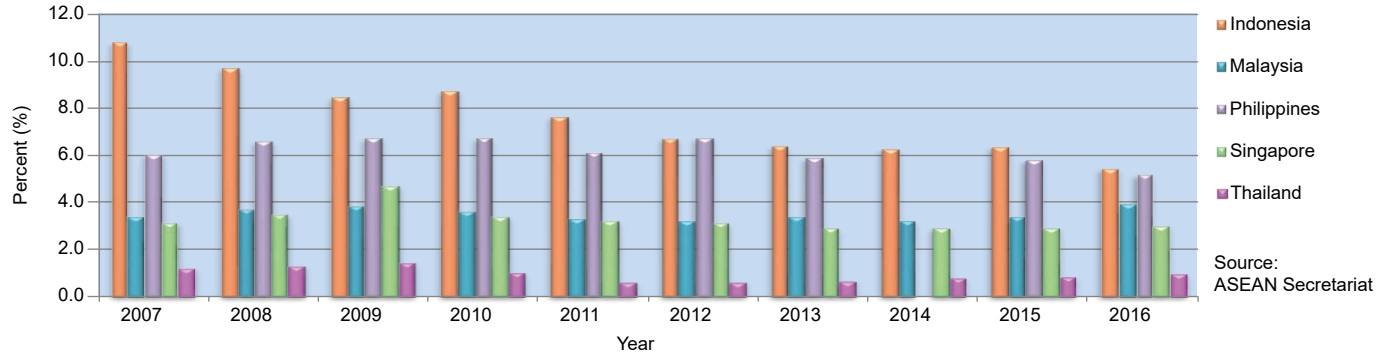
'-' - not available at the time of publication



**Graph 3.1. Unemployment Rate of Males 15 Years Old and Over, 2007-2016**



**Graph 3.2. Unemployment Rate of Females 15 Years Old and Over, 2007-2016**



**Table 3.4. Unemployment Rate of People 15-24 Years Old by Sex, 2007-2016**

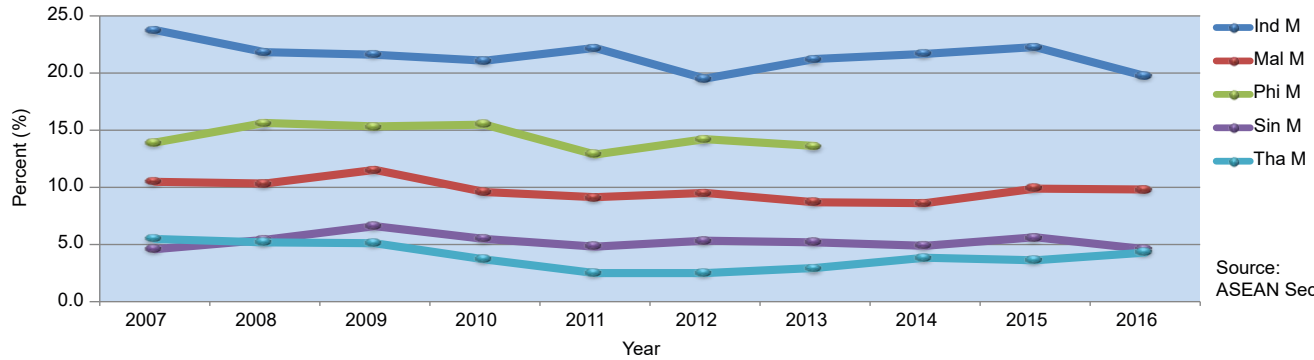
(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Male</b>										
Brunei Darussalam	-	-	-	-	-	-	-	23.5	-	-
Cambodia	1.3	0.6	0.2	0.7	0.4	0.3	0.2	0.2	0.1	-
Indonesia	23.8	21.8	21.6	21.1	22.2	19.5	21.2	21.7	22.3	19.8
Lao PDR	-	-	-	3.4	-	-	-	-	-	-
Malaysia	10.5	10.3	11.5	9.6	9.1	9.5	8.7	8.6	9.9	9.8
Myanmar	-	-	-	-	-	-	-	9.1	1.4	-
Philippines	13.9	15.6	15.3	15.5	12.9	14.2	13.6	-	-	-
Singapore	4.6	5.4	6.6	5.5	4.8	5.3	5.2	4.9	5.6	4.6
Thailand	5.5	5.2	5.1	3.7	2.5	2.5	2.9	3.8	3.6	4.3
Viet Nam	6.8	-	6.3	5.9	4.3	4.6	5.4	5.5	6.8	7.4
<b>Female</b>										
Brunei Darussalam	-	-	-	-	-	-	-	27.8	-	-
Cambodia	1.1	0.5	0.2	0.4	0.3	0.2	0.1	0.1	0.1	-
Indonesia	27.3	25.5	23.0	22.0	23.8	19.8	22.1	22.9	23.1	19.0
Lao PDR	-	-	-	3.6	-	-	-	-	-	-
Malaysia	11.5	11.8	12.5	11.1	10.7	10.7	11.5	10.9	11.8	11.4
Myanmar	-	-	-	-	-	-	-	9.5	1.8	-
Philippines	16.5	18.1	18.7	18.6	15.7	17.4	15.7	-	-	-
Singapore	8.2	8.9	11.5	9.6	9.0	8.2	8.6	8.1	8.1	8.8
Thailand	4.9	5.3	6.3	4.2	3.0	3.1	4.0	5.0	4.9	5.8
Viet Nam	6.4	-	6.1	8.3	6.2	6.6	7.1	7.2	7.3	7.5

Source:  
ASEAN Secretariat

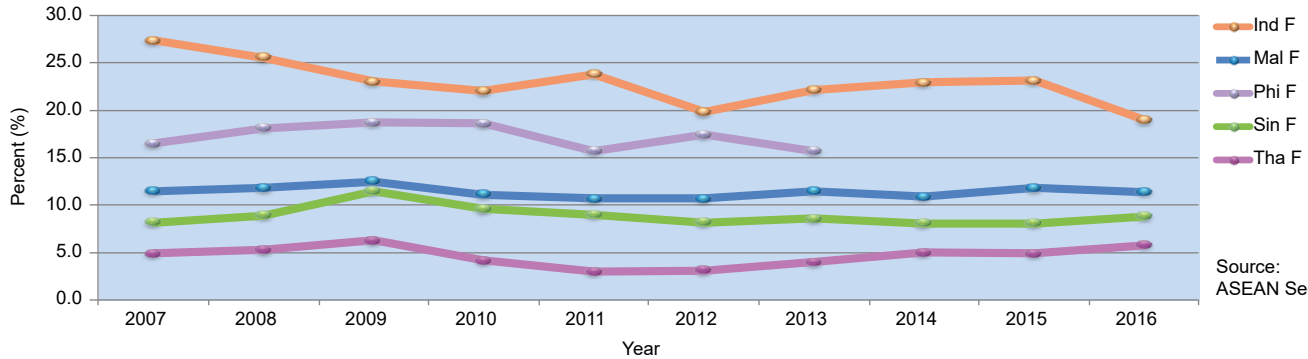
Note:  
- - not available at the time of publication

**Graph 3.3. Unemployment Rate of Males 15-24 Years Old, 2007-2016**



Source:  
ASEAN Secretariat

**Graph 3.4. Unemployment Rate of Females 15-24 Years Old, 2007-2016**



Source:  
ASEAN Secretariat

**Table 3.5. Labour Force Participation Rate, 2007-2016**

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	69.2	70.0	70.8	71.4	68.9	72.2	-	65.6	-	-
Cambodia	80.8	78.6	81.7	84.4	85.1	84.2	83.0	82.6	82.7	-
Indonesia	67.0	67.2	67.2	67.7	68.3	67.9	66.9	66.6	65.8	66.3
Lao PDR	-	-	-	77.7	-	-	-	-	68.0	-
Malaysia	63.2	62.6	62.9	63.7	64.5	65.6	67.3	67.6	67.9	67.7
Myanmar <sup>3)</sup>	65.8	66.2	66.6	66.1	66.0	66.3	66.9	57.0	64.7	-
Philippines	63.2	63.7	64.0	64.2	66.3	63.9	63.9	64.6	63.7	63.6
Singapore <sup>1)</sup>	65.0	65.6	65.4	66.2	66.1	66.6	66.7	67.0	68.3	68.0
Thailand <sup>2)</sup>	73.6	73.4	73.5	73.0	73.3	73.0	71.6	70.3	69.8	68.8
Viet Nam <sup>4)</sup>	74.7	75.5	76.5	77.4	77.0	76.8	77.5	77.7	77.8	77.3

Source:  
ASEAN Secretariat

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

'-' - not available at the time of publication

**Table 3.6. Number of Labour Force, 2007-2016**

(in thousand, '000)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	182.4	186.9	191.6	196.5	202.5	206.0	-	203.6	-	-
Cambodia	6,888.0	6,854.0	7,480	7,702	7,907	7,718	7,974	8,259.0	8,359.0	-
Indonesia	111,385.6	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
Lao PDR	-	-	-	-	-	-	-	-	3,489.1	-
Malaysia	10,889.5	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
Myanmar	29,330.0	29,950.0	30,490.0	30,960.0	31,390.0	31,820.0	32,140.0	22,110.0	21,960.0	-
Philippines	36,213.0	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
Singapore <sup>1)</sup>	1,878.0	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
Thailand <sup>2)</sup>	36,942.0	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
Viet Nam	47,160.0	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

Source:  
ASEAN Secretariat

Note:  
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, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Male</b>										
Brunei Darussalam	78.2	78.8	79.5	80.1	77.3	80.5	-	72.4	-	-
Cambodia	88.0	86.5	86.8	88.3	89.0	89.1	88.7	87.9	88.5	-
Indonesia	83.7	83.5	83.6	83.8	83.9	84.2	83.4	83.1	82.7	82.0
Lao PDR	-	-	-	79.3	-	-	-	-	62.0	-
Malaysia	79.5	79.0	78.9	79.3	79.7	80.5	81.0	80.6	80.6	80.2
Myanmar	82.0	82.5	83.0	82.4	82.4	82.7	83.5	85.2	80.2	-
Philippines	78.8	78.8	78.7	78.5	79	78.5	78.1	78.6	77.3	77.6
Singapore	76.3	76.1	76.3	76.5	75.6	76.0	75.8	75.9	76.7	76.2
Thailand	81.1	81.2	81.3	80.7	80.3	80.7	80.4	79.3	78.6	77.6
Viet Nam	78.8	80.1	81	82	81.7	81.2	82.1	82.5	83.0	82.4
<b>Female</b>										
Brunei Darussalam	59.7	60.6	61.5	62.0	59.9	63.2	-	58.3	-	-
Cambodia	74.5	71.7	77.0	80.8	81.6	79.7	77.8	77.5	72.2	-
Indonesia	50.2	51.1	51.0	51.8	49.8	51.4	50.3	50.2	48.9	50.8
Lao PDR	-	-	-	76.2	-	-	-	-	69.0	-
Malaysia	46.4	45.7	46.4	46.8	48.0	49.5	52.6	53.7	54.1	54.3
Myanmar	49.8	50.1	50.4	50.0	50.0	5.2	50.7	50.5	51.6	-
Philippines	49.3	48.6	49.4	49.7	50.4	50	49.9	50.7	50.1	49.4
Singapore	54.2	55.6	55.2	56.5	57.0	57.7	58.1	58.6	60.4	60.4
Thailand	64.2	64.5	64.7	64.3	64.3	64.3	63.2	62.0	61.6	60.6
Viet Nam	70.9	71.3	72.3	73	72.6	72.5	73.2	73.3	72.9	72.5

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	2003	4,500	634	148	891	185	23	545	23	6,948
	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
Indonesia	2014	38,973	15,255	7,280	24,830	5,113	3,031	18,421	1,726	114,628
	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
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	2014	1,694	2,373	1,278	3,474	811	409	742	3,073	13,853
	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
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 <sup>1/</sup>	2014	-	249	98	483	277	477	494	25	2,104
	2015	-	239	110	503	271	501	501	23	2,148
	2016	-	228	101	502	273	525	516	20	2,165
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 <sup>2/</sup>	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: <sup>1/</sup> Employment as of June; Singapore's Resident only  
<sup>2/</sup> - not available at the time of publication  
 Table 3.9: Percentage of Employment by Major Industry Group

**Table 3.9. Percentage 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	2.0	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
Indonesia	2014	54.9	13.1	5.0	17.0	4.5	0.4	3.3	1.9	100.0
	2014	34.0	13.3	6.4	21.7	4.5	2.6	16.1	1.5	100.0
	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
Malaysia	2014	12.2	17.1	9.2	25.1	5.9	3.0	5.4	22.2	100.0
	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
Philippines	2014	30.8	8.1	6.6	23.4	7.9	5.1	10.6	7.5	100.0
	2015	29.6	8.1	7.0	23.6	7.9	5.3	11.0	7.5	100.0
	2016	28.3	8.1	8.1	23.6	8.1	5.7	10.4	7.6	100.0
Singapore <sup>1/</sup>	2014	-	11.9	4.7	23.0	13.1	22.7	23.5	1.2	100.0
	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
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



**Table 3.10. Number of Employment by Occupation**

(in thousand)

Occupation	Brunei Darussalam (2014)	Cambodia (2014)	Indonesia (2016)	Malaysia (2016)	Philippines (2014)	Singapore (2016) <sup>1/</sup>	Thailand (2016)	Viet Nam (2016)
1. Professionals, technical and related workers	62.9	265.1	8,314.3	3,208.7	2,912.8	868.1	3,393.3	5,298.0
2. Administrative, executive and managerial workers	14.3	57.3	1,402.2	658.5	6,136.2	324.8	1,470.0	555.0
3. Clerical and related workers	21.6	279.4	8,027.0	1,163.8	2,407.9	241.1	1,555.2	991.9
4. Sales workers and services workers	37.0	1,096.1	27,190.8	3,176.3	7,495.5	267.8	7,627.7	8,861.4
5. Agricultural, animal husbandry and forestry workers; fishermen and hunters	2.7	4,162.2	37,040.2	872.0	5,281.8	-	10,719.2	5,470.9
6. Production and related workers, transport equipment operators and labourers	24.6	1,239.4	34,382.9	3,240.1	14,408.5	231.3	8,171.8	11,748.6
7. Others	26.4	64.5	2,054.4	1,844.2	194.2	232.3	5,954.0	20,377.0
<b>Total</b>	<b>189.6</b>	<b>7,163.9</b>	<b>118,412.0</b>	<b>14,163.6</b>	<b>38,837.0</b>	<b>2,165.4</b>	<b>38,891.2</b>	<b>53,302.8</b>

Source:  
ASEAN Secretariat

Note:  
1/ Employed Resident of Singapore

**Table 3.11. Percentage of Employment by Occupation**

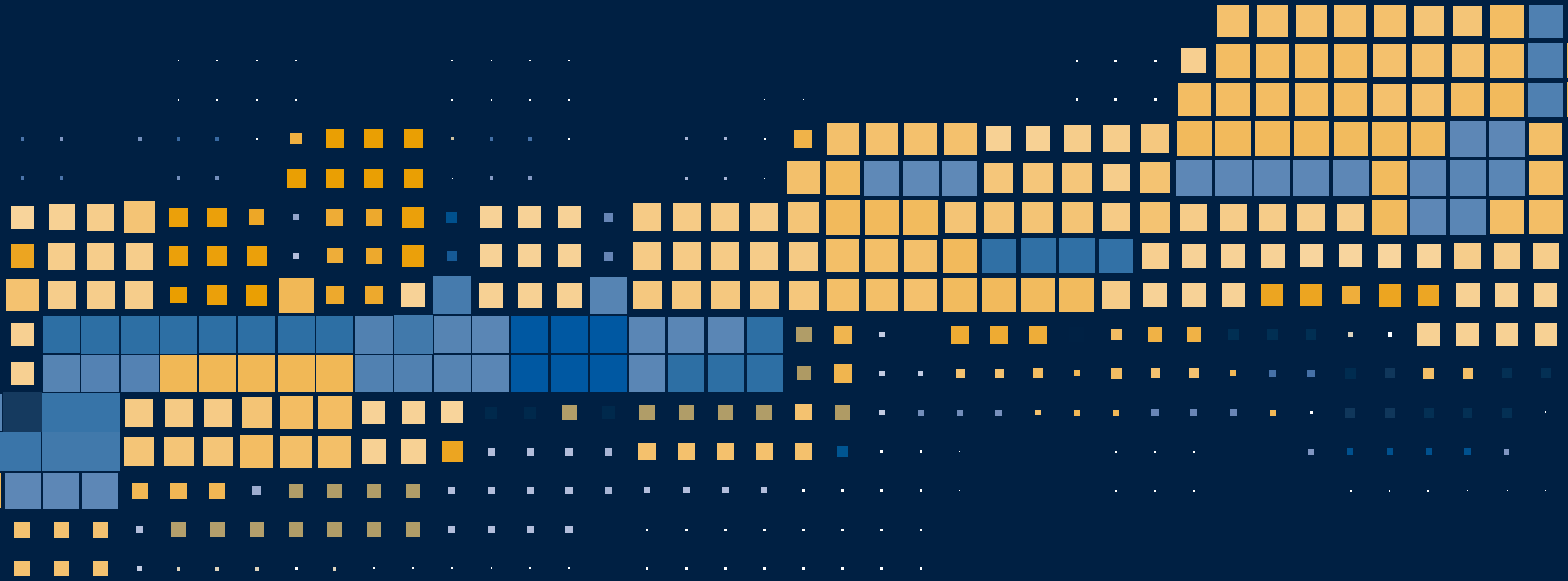
(in percent)

Occupation	Brunei Darussalam (2014)	Cambodia (2014)	Indonesia (2016)	Malaysia (2016)	Philippines (2014)	Singapore (2016) <sup>1/</sup>	Thailand (2016)	Viet Nam (2016)
1. Professionals, technical and related workers	33.2	3.7	7.0	22.7	7.5	40.1	8.7	9.9
2. Administrative, executive and managerial workers	7.6	0.8	1.2	4.6	15.8	15.0	3.8	1.0
3. Clerical and related workers	11.4	3.9	6.8	8.2	6.2	11.1	4.0	1.9
4. Sales workers and services workers	19.5	15.3	23.0	22.4	19.3	12.4	19.6	16.6
5. Agricultural, animal husbandry and forestry workers; fishermen and hunters	1.4	58.1	31.3	6.2	13.6	-	27.6	10.3
6. Production and related workers, transport equipment operators and labourers	13.0	17.3	29.0	22.9	37.1	10.7	21.0	22.0
7. Others	13.9	0.9	1.7	13.0	0.5	10.7	15.3	38.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

Note:  
1/ Employed Resident of Singapore





CHAPTER 4

# Macroeconomic



**Table 4.1. GDP at Current Price, 2007-2016**

(in Billion of National Currency)

Country	GDP at Current Prices									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	18.5	20.4	15.6	18.7	23.3	23.8	22.6	21.7	17.8	15.8
Cambodia	35,051	41,968	43,057	47,048	52,069	56,682	61,327	67,437	73,423	81,242
Indonesia	3,950,893	4,948,688	5,606,203	6,446,852	7,419,187	8,230,926	9,546,134	10,569,705	11,531,717	12,406,810
Lao PDR	40,467	46,215	47,562	55,694	64,727	81,610	93,868	106,797	117,252	129,279
Malaysia	665	770	713	821	912	971	1,019	1,106	1,157	1,230
Myanmar	23,336	29,233	29,233	39,777	46,308	51,259	58,013	65,262	72,714	81,128
Philippines	6,893	7,721	8,026	9,003	9,706	10,561	11,542	12,634	13,322	14,481
Singapore	271	272	280	322	346	361	376	388	408	410
Thailand	9,076	9,707	9,659	10,808	11,307	12,357	12,921	13,204	13,673	14,367
Viet Nam	1,246,769	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

Source:

ASEAN Secretariat

**Table 4.2. GDP at Constant Price, 2007-2016**

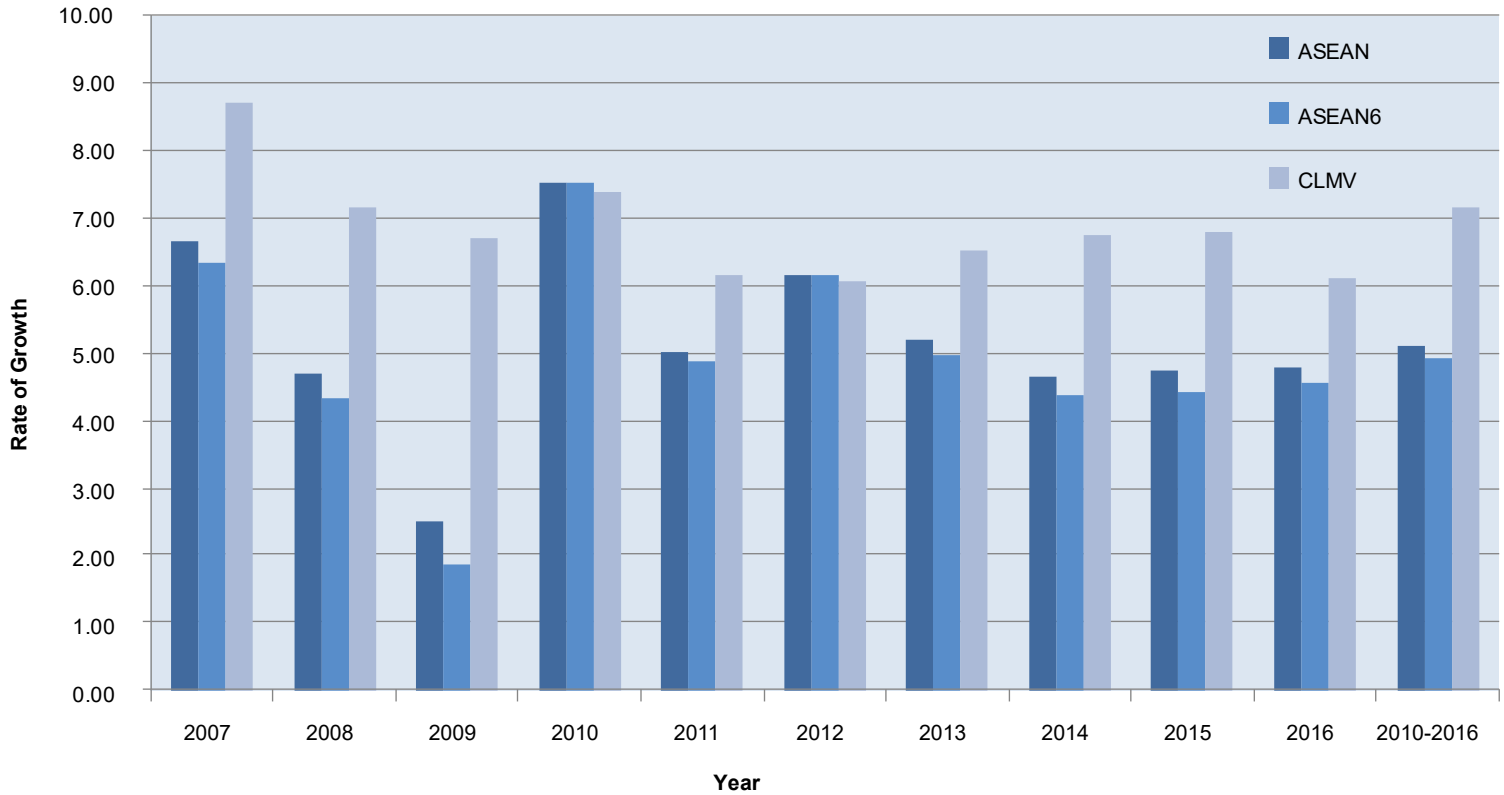
(in Billion of National Currency)

Country	GDP at Constant Prices									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	12	11.8	11.6	18.7	19.4	19.6	19.2	18.7	18.6	18.1
Cambodia	26,869	28,668	28,692	30,406	32,553	34,933	37,503	40,182	43,009	45,982
Indonesia	1,964,327	2,082,456	2,178,850	2,314,459	2,464,566	2,618,932	8,156,498	8,564,867	8,982,511	9,433,034
Lao PDR	25,142	27,099	29,132	31,501	34,034	81,610	88,160	94,871	101,768	108,915
Malaysia	610	640	630	821	865	912	955	1,012	1,063	1,108
Myanmar	15,559	17,155	18,965	39,777	42,001	45,081	48,880	52,785	56,476	59,679
Philippines	5,028	5,237	5,297	5,702	5,909	6,305	6,750	7,165	7,600	8,126
Singapore	276	281	280	322	342	356	373	387	394	402
Thailand	7,580	7,710	7,657	8,232	8,302	8,903	9,146	9,230	9,501	9,809
Viet Nam	1,820,667	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

Source:

ASEAN Secretariat

Graph 4.1. Rate of GDP Growth in ASEAN, 2007-2016



**Table 4.3. Rate of GDP Growth, 2007-2016**

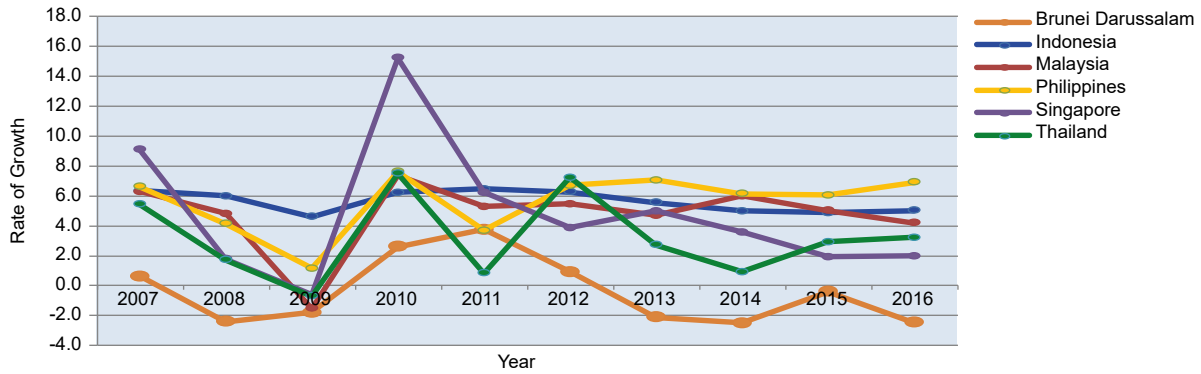
(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2010-2016
Brunei Darussalam	0.6	-2.4	-1.8	2.6	3.7	0.9	-2.1	-2.5	-0.4	-2.5	-0.5
Cambodia	10.2	6.7	0.1	6.0	7.1	7.3	7.4	7.1	7.0	6.9	7.1
Indonesia	6.3	6.0	4.6	6.2	6.5	6.3	5.6	5.0	4.9	5.0	5.5
Lao PDR	6.0	7.8	7.5	8.1	8.0	7.9	8.0	7.6	7.3	7.0	7.6
Malaysia	6.3	4.8	-1.5	7.4	5.3	5.5	4.7	6.0	5.0	4.2	5.1
Myanmar	12.0	10.3	10.5	9.6	5.6	7.3	8.4	8.0	7.0	5.7	7.0
Philippines	6.6	4.2	1.1	7.6	3.7	6.7	7.1	6.2	6.1	6.9	6.1
Singapore	9.1	1.8	-0.6	15.2	6.2	3.9	5.0	3.6	1.9	2.0	3.8
Thailand	5.4	1.7	-0.7	7.5	0.8	7.2	2.7	0.9	2.9	3.2	3.0
Viet Nam	7.1	5.7	5.4	6.4	6.2	5.2	5.4	6.0	6.7	6.2	6.0
<b>ASEAN</b>	<b>6.6</b>	<b>4.7</b>	<b>2.5</b>	<b>7.5</b>	<b>5.0</b>	<b>6.2</b>	<b>5.2</b>	<b>4.7</b>	<b>4.7</b>	<b>4.8</b>	<b>5.1</b>
<b>ASEAN 5</b>	<b>6.4</b>	<b>4.4</b>	<b>1.9</b>	<b>7.6</b>	<b>4.9</b>	<b>6.2</b>	<b>5.0</b>	<b>4.4</b>	<b>4.5</b>	<b>4.6</b>	<b>4.9</b>
<b>BCLMV</b>	<b>8.3</b>	<b>6.7</b>	<b>6.3</b>	<b>7.2</b>	<b>6.1</b>	<b>5.9</b>	<b>6.2</b>	<b>6.4</b>	<b>6.6</b>	<b>5.8</b>	<b>6.2</b>

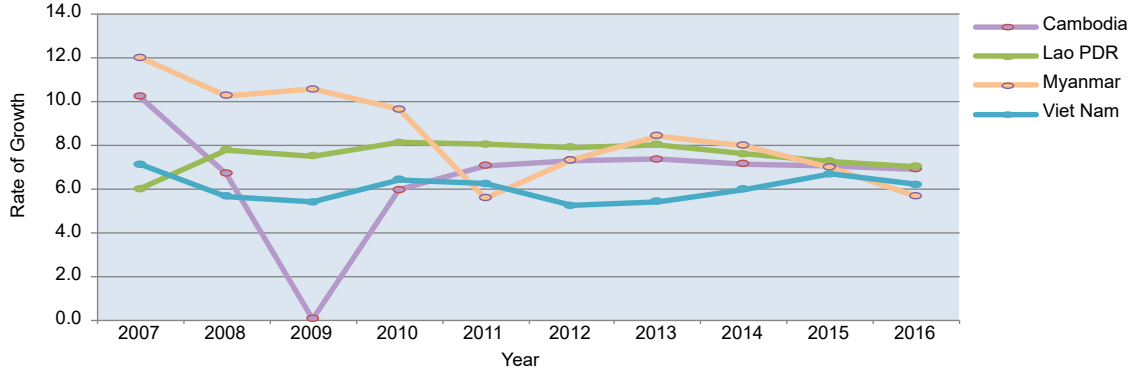
Source:  
ASEAN Secretariat

Notes:  
Computed based on Table IV.1 (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 2017  
ASEAN 5 covers Indonesia, Malaysia, Philippines, Singapore and Thailand  
BCLMV stands for Brunei Darussalam, Cambodia, Lao PDR, Myanmar and Viet Nam

**Graph 4.2. Rate of GDP Growth in ASEAN6, 2006-2017**



**Graph 4.3. Rate of GDP Growth of CLMV, 2007-2016**





**Table 4.4. GDP per Capita at Current Price in USD, 2007-2016**

(in US\$)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	33,289	38,535	28,454	35,525	47,116	47,648	44,560	41,521	31,024	26,493
Cambodia	657	814	750	801	900	971	1,041	1,128	1,208	1,266
Indonesia	1,910	2,244	2,359	2,977	3,498	3,564	3,636	3,527	3,348	3,600
Lao PDR	719	882	913	1,079	1,262	1,565	1,799	1,949	2,221	2,402
Malaysia	7,166	8,393	7,216	8,772	10,259	10,671	10,663	10,989	9,442	9,464
Myanmar <sup>2)</sup>	369	491	538	811	1,127	1,190	1,209	1,261	1,220	1,297
Philippines	1,715	1,917	1,829	2,147	2,363	2,597	2,738	2,855	2,855	3,017
Singapore	39,224	39,724	38,577	46,570	53,089	54,451	55,618	56,007	53,629	52,963
Thailand	3,984	4,389	4,214	5,178	5,599	5,978	6,294	6,067	5,944	6,034
Viet Nam	918	1,165	1,232	1,338	1,543	1,755	1,908	2,053	2,109	2,138
<b>ASEAN<sup>1)</sup></b>	<b>2,373</b>	<b>2,717</b>	<b>2,674</b>	<b>3,271</b>	<b>3,767</b>	<b>3,950</b>	<b>4,076</b>	<b>4,071</b>	<b>3,890</b>	<b>4,034</b>

Source:  
ASEAN Secretariat

Notes:  
Computed based on Table IV.1 Using period average exchange rate  
1) As a proxy, the combined GDP per capita as GDP at current price divided by number of population  
2) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of April 2016

**Table 4.5. GDP at Current Price in Million of USD, 2007-2016**

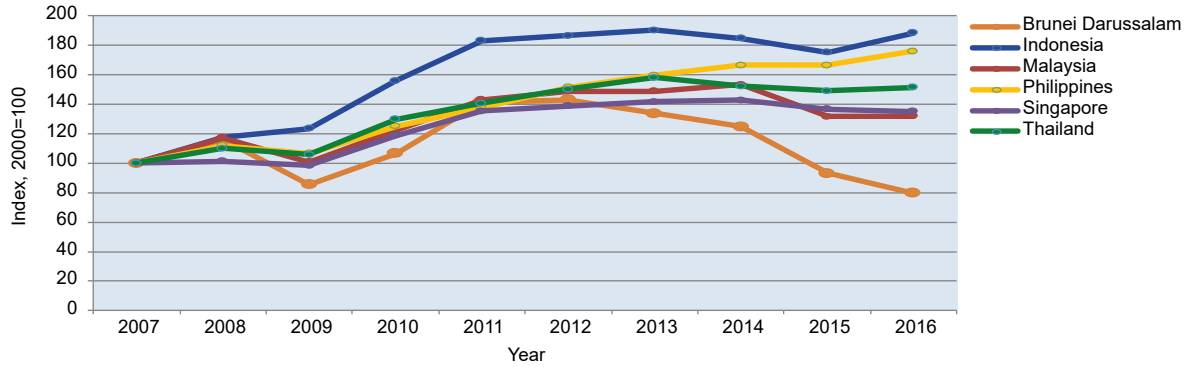
(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	12,317	14,451	10,815	13,741	18,534	19,050	18,100	17,103	12,943	11,206
Cambodia	8,636	11,073	10,354	11,229	12,804	14,027	15,221	16,689	18,091	19,194
Indonesia	431,024	512,753	545,854	710,068	846,523	874,639	904,692	889,385	855,411	931,216
Lao PDR	4,224	5,291	5,595	6,752	8,061	10,192	11,955	13,274	14,420	15,903
Malaysia	193,901	231,382	202,627	250,773	298,142	314,895	322,159	337,461	294,457	299,632
Myanmar <sup>2)</sup>	18,204	24,408	26,962	41,004	56,502	60,282	61,864	65,574	64,001	68,636
Philippines	152,126	173,427	168,644	199,976	224,108	250,603	268,883	285,158	289,985	311,453
Singapore	179,981	192,240	192,408	236,422	275,199	289,265	300,290	306,343	296,839	296,977
Thailand	263,116	291,803	281,916	341,338	370,722	397,495	420,157	406,491	399,646	407,048
Viet Nam	77,341	99,126	106,018	116,300	135,541	155,820	171,219	186,224	193,407	198,196
<b>ASEAN<sup>1)</sup></b>	<b>1,340,870</b>	<b>1,555,953</b>	<b>1,551,194</b>	<b>1,927,603</b>	<b>2,246,135</b>	<b>2,386,268</b>	<b>2,494,541</b>	<b>2,523,701</b>	<b>2,439,200</b>	<b>2,559,463</b>

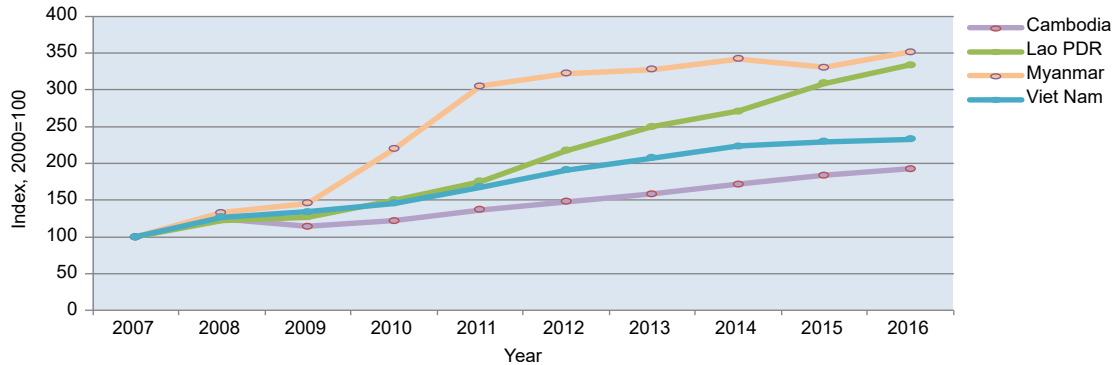
Source:  
ASEAN Secretariat

Notes:  
Computed based on Table IV.1 Using period average exchange rate  
1) As a proxy, the combined GDP of ASEAN is computed as the sum of GDP at current price of ASEAN Member Countries  
2) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of April 2017

**Graph 4.4. GDP per Capita in USD in ASEAN6 during 2007-2016, as Compared to 2007**



**Graph 4.5. GDP per Capita in USD in CLMV during 2007-2016, as Compared to 2007**



**Table 4.6. GDP Share of Major Group of Economic Sectors, 2013-2016**

(in percent)

Country	2013				2014				2015				2016			
	Agriculture	Industry	Services	A++S	Agriculture	Industry	Services	A++S	Agriculture	Industry	Services	A++S	Agriculture	Industry	Services	A++S
Brunei Darussalam	0.7	63.2	36.1	100.0	0.8	62.0	37.2	100.0	0.8	62.2	37.0	100.0	0.8	61.9	37.3	100.0
Cambodia	26.0	32.1	41.9	100.0	24.9	32.9	42.3	100.0	23.6	34.2	42.2	100.0	21.7	35.7	42.6	100.0
Indonesia	13.3	42.1	44.7	100.0	13.2	41.8	45.1	100.0	13.0	41.0	46.0	100.0	12.8	40.6	46.6	100.0
Lao PDR	19.5	35.6	44.9	100.0	18.9	35.7	45.4	100.0	18.3	35.8	45.9	100.0	17.6	37.5	44.9	100.0
Malaysia	9.7	39.3	51.1	100.0	9.3	39.3	51.4	100.0	9.0	39.4	51.6	100.0	8.1	38.9	53.0	100.0
Myanmar	31.4	28.5	40.1	100.0	29.9	29.7	40.5	100.0	28.9	30.0	41.1	100.0	27.5	30.9	41.6	100.0
Philippines	10.5	32.9	56.7	100.0	10.0	33.3	56.6	100.0	9.5	33.4	57.1	100.0	8.8	33.8	57.5	100.0
Singapore	0.0	27.5	72.4	100.0	0.0	27.4	72.6	100.0	0.0	25.9	74.0	100.0	0.0	26.3	73.7	100.0
Thailand	7.2	37.1	55.7	100.0	7.2	36.7	56.1	100.0	6.7	36.3	57.0	100.0	6.3	36.1	57.6	100.0
Viet Nam	19.4	37.4	43.3	100.0	18.9	37.6	43.5	100.0	18.2	38.6	43.3	100.0	17.3	39.1	43.6	100.0

Source:  
ASEAN Secretariat

Notes :  
 Agriculture comprises: Fishing, Forestry  
 Industries comprise: Mining and Quarrying, Manufacturing, Construction and Utilities  
 Services comprise: Wholesales & Retail Trade, Transportation & Storage, Accommodation & Food Services, Information & Communications, Finance & Insurance, Business Services, and Other Services Industries  
 In terms of Value, the sum of Agriculture+Industries+Services may not agree with total GDP as some countries treat statistical discrepancy as a separate item

**Table 4.7. Inflation Rates, Year-on-Year End of Period, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.3	2.6	1.2	-2.1	1.8	0.4	0.2	-0.2	-1.0	-1.6
Cambodia	10.8	12.5	5.3	3.1	4.9	2.5	4.6	2.4	2.8	3.9
Indonesia <sup>1)</sup>	6.6	11.1	2.8	7.0	3.8	4.3	8.4	2.7	3.4	3.0
Lao PDR <sup>2)</sup>	5.5	3.2	3.9	5.8	7.7	4.7	6.6	2.4	0.9	2.5
Malaysia	2.4	4.4	1.1	2.2	3.0	1.2	3.2	2.7	2.7	1.8
Myanmar	-	-	-	-	0.7	6.0	4.4	-0.1	10.3	6.6
Philippines	3.9	8.0	4.5	3.6	4.2	3.0	4.1	2.7	1.5	2.6
Singapore <sup>3)</sup>	3.8	5.4	-0.5	4.6	5.5	4.3	1.5	-0.1	-0.6	0.2
Thailand	3.2	0.4	3.5	3.0	3.5	3.6	1.7	0.6	-0.9	1.1
Viet Nam <sup>4)</sup>	12.6	19.9	6.5	11.8	18.1	6.8	6.0	1.8	0.6	4.7

**Table 4.8. Inflation Rates, Year-on Year Average of Period, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	0.3	2.7	1.8	0.4	1.7	-5.9	0.4	-0.2	-0.4	-0.7
Cambodia	5.9	19.7	-0.7	4.0	5.5	2.9	2.9	3.9	1.3	3.0
Indonesia <sup>1)</sup>	6.4	11.3	5.0	5.1	5.4	4.3	7.0	8.4	6.4	3.5
Lao PDR <sup>2)</sup>	3.7	7.6	0.03	6.0	7.6	4.3	6.4	4.2	1.3	1.6
Malaysia	2.0	5.4	0.6	1.7	3.2	1.7	2.1	4.2	2.1	2.1
Myanmar	34.9	12.0	7.7	7.7	5.0	1.5	5.5	1.0	10.8	7.0
Philippines	2.8	8.3	4.2	3.8	4.7	3.2	2.9	4.2	1.4	1.8
Singapore <sup>3)</sup>	2.1	6.6	0.6	2.8	5.3	4.6	2.4	1.0	-0.5	-0.5
Thailand	2.2	5.4	-0.9	3.3	3.8	3.0	2.2	1.9	-0.9	0.2
Viet Nam <sup>4)</sup>	8.5	22.8	6.9	9.2	18.6	9.1	6.6	4.1	0.6	2.7

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 2015 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, 2007-2016**

(National Currency per US \$)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.50	1.42	1.45	1.36	1.26	1.25	1.25	1.27	1.38	1.41
Cambodia	4,080	4,079	4,159	4,190	4,067	4,041	4,029	4,041	4,059	4,233
Indonesia	9,164	9,691	10,370	9,086	8,768	9,411	10,586	11,885	13,482	13,328
Lao PDR	9,581	8,735	8,501	8,249	8,030	8,007	7,852	8,046	8,131	8,129
Malaysia	3.44	3.33	3.53	3.30	3.06	3.08	3.16	3.28	3.94	4.10
Myanmar <sup>*)</sup>	1,282	1,198	1,084	970	820	850	938	995	1,136	1,182
Philippines	45.66	44.47	47.64	45.11	43.31	42.23	42.89	44.34	45.85	46.41
Singapore	1.51	1.41	1.45	1.36	1.26	1.25	1.25	1.27	1.37	1.38
Thailand	34.52	33.31	34.29	31.69	30.49	31.08	30.73	32.48	34.25	35.30
Viet Nam	16,121	16,303	17,065	18,554	20,510	20,828	20,934	21,148	21,679	22,719

Source:  
ASEAN Secretariat

Notes:

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

<sup>\*)</sup> Myanmar figures (average period) are based on the exchange rates used in the IMF-WEO Database of April 2017

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

'-' - not available at the time of publication

**Table 4.10. Foreign Exchange Rates, End of Period, 2007-2016**

(National Currency per US \$)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.54	1.44	1.42	1.40	1.29	1.30	1.22	1.27	1.32	1.41
Cambodia	4,065	4,004	4,121	4,186	4,051	4,062	3,995	3,995	4,075	4,052
Indonesia	8,995	9,419	10,950	9,400	8,991	9,069	9,793	12,173	12,440	13,788
Lao PDR	9,764	9,385	8,514	8,471	8,039	8,016	7,997	8,015	8,078	8,153
Malaysia	3.53	3.31	3.46	3.42	3.08	3.18	3.06	3.28	3.50	4.29
Myanmar <sup>*)</sup>	-	-	-	-	-	-	-	-	-	-
Philippines	49.13	41.40	47.49	46.36	43.89	43.93	41.19	44.41	44.62	47.17
Singapore	1.53	1.44	1.44	1.40	1.29	1.30	1.22	1.27	1.32	1.41
Thailand	36.05	33.72	34.90	33.32	30.15	31.69	30.63	32.34	32.71	36.01
Viet Nam	16,091	16,114	16,977	17,941	18,932	20,828	20,828	21,036	21,246	-

Source:  
ASEAN Secretariat

Notes:

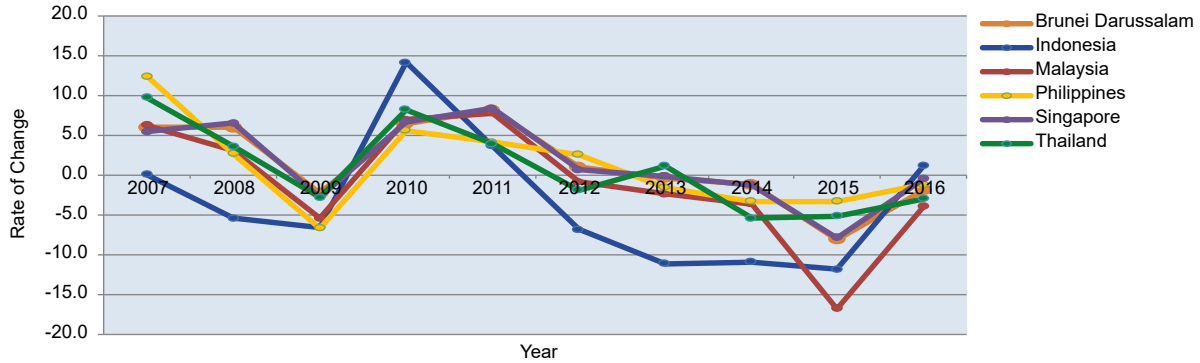
Average for the year was computed as a simple average of the quarterly averages

Brunei Darussalam: Brunei Dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM); Myanmar: Kyat; Philippines: Peso (PhP);

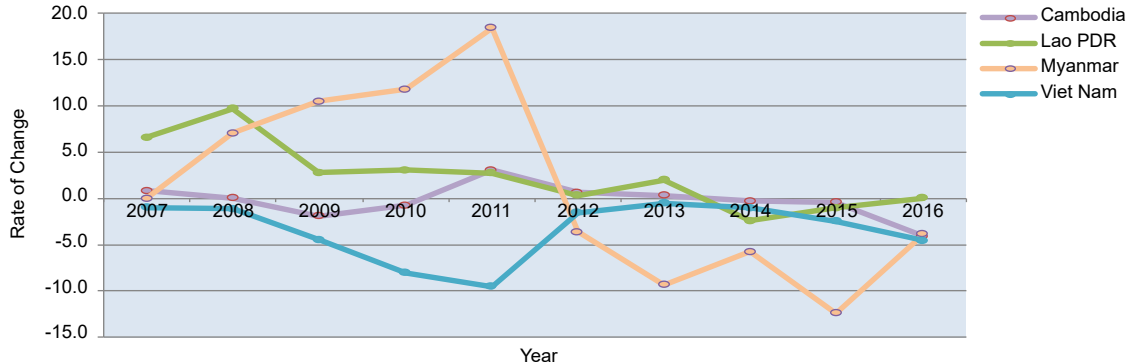
Singapore: Singapore Dollar (S\$); Thailand: Baht; Viet Nam: Dong

'-' - not available at the time of publication

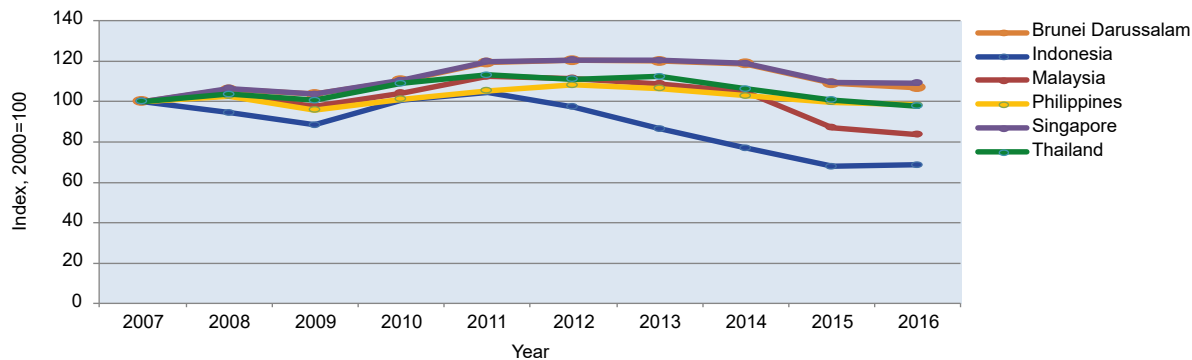
**Graph 4.6. Rate of Change of Foreign Exchange Rate in ASEAN6, 2007-2016**



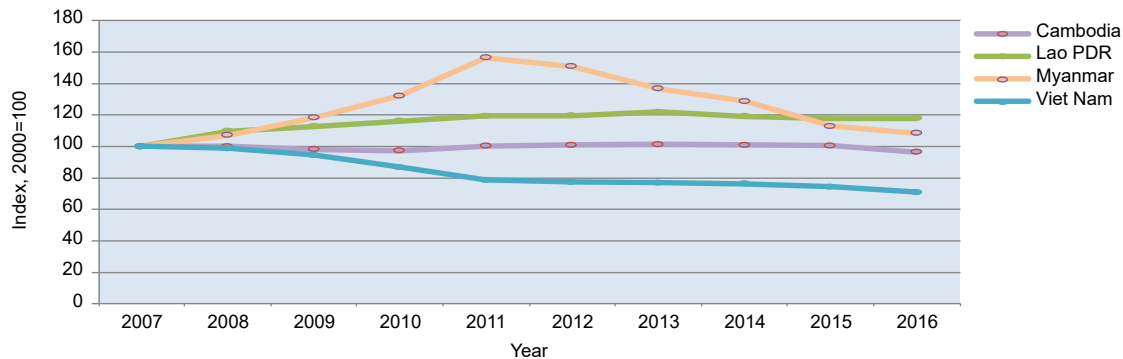
**Graph 4.7. Rate of Change of Foreign Exchange Rate in CLMV, 2007-2016**



**Graph 4.8. ASEAN6 National Currency to USD during 2007-2016 as Compared to the 2007 Level**



**Graph 4.9. CLMV National Currency to USD during 2007-2016 as Compared to the 2007 Level**



**Table 4.11. Interest Rates: 3-Month Deposit, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.20	0.80	0.63	0.40	0.40	0.23	0.21	-	-	-
Cambodia	5.07	5.20	4.09	4.50	4.33	4.08	4.03	4.19	4.71	3.39
Indonesia	7.42	11.16	7.48	7.06	6.81	5.76	7.61	8.94	7.99	6.69
Lao PDR	6.69	6.07	5.66	5.51	5.42	5.17	5.41	3.07	1.50-5.39	1.50-3.20
Malaysia	3.15	3.04	2.03	2.74	2.99	2.97	2.97	3.13	3.13	2.92
Myanmar	12.00	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	-
Philippines	5.00	5.92	3.03	3.00	4.00	3.03	1.38	1.30	1.46	1.51
Singapore	0.51	0.39	0.25	0.19	0.14	0.14	0.14	0.14	0.18	0.19
Thailand	2.00-2.25	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
Viet Nam	7.20	7.94	10.14	13.25	14.00	10.50	7.14	4.64	5.09	5.08

**Table 4.12. Interest Rate: Minimum Lending Rate, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	-	-
Cambodia	22.26	22.36	23.08	22.49	19.35	11.79	15.79	19.79	23.79	20.13
Indonesia	13.00	15.22	13.69	12.83	12.16	11.49	12.12	12.79	12.46	11.36
Lao PDR	24.00	18.86	14.40	14.47	12.24	13.50	12.86	12.83	7.25-14.00	6.70-13.00
Malaysia	6.72	6.48	5.51	6.27	6.53	6.53	6.53	6.79	6.79	6.65
Myanmar	17.00	17.00	17.00	17.00	15.00	13.00	13.00	13.00	13.00	-
Philippines	9.00	8.31	6.96	6.00	6.00	5.46	5.72	5.59	6.88	6.67
Singapore	5.33	5.38	5.38	5.38	5.38	5.38	5.38	5.35	5.35	5.35
Thailand	6.85-7.13	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
Viet Nam	11.52	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

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

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



**Table 4.13. Money Growth (M2), Year-on-Year End of Period, 2007-2017**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	15.60	9.61	9.66	4.81	10.05	0.98	1.40	3.22	-1.76	-
Cambodia	62.93	4.85	36.84	20.02	21.45	20.87	14.61	30.04	14.68	20.76
Indonesia	21.76	12.66	12.38	15.99	16.43	14.96	12.79	11.87	9.00	10.03
Lao PDR	38.72	18.31	31.23	39.13	29.04	31.05	17.02	25.22	14.67	10.90
Malaysia*)	9.54	11.89	9.17	6.76	14.32	8.96	7.35	6.99	2.62	3.00
Myanmar	26.16	24.00	30.61	42.63	30.45	31.65	32.49	20.96	30.67	17.45
Philippines*)	10.52	30.64	7.69	13.04	29.19	9.64	29.53	12.20	9.26	13.41
Singapore	14.14	11.62	10.55	8.34	10.13	7.58	4.32	3.41	1.67	7.69
Thailand	6.25	3.30	7.47	9.92	16.17	15.90	7.32	4.65	4.42	4.20
Viet Nam	46.12	20.31	28.99	33.30	6.99	15.79	21.40	19.74	14.91	17.88

**Table 4.14. Money Growth (M1), Year-on-Year End of Period, 2007-2016**

(in percent)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	-2.44	12.99	22.90	-29.19	10.87	1.47	3.97	-1.54	6.46	-
Cambodia	23.79	16.94	30.02	3.23	22.83	2.26	20.57	30.40	6.68	11.91
Indonesia	21.95	3.74	10.69	19.74	19.42	16.41	5.40	6.22	12.02	17.26
Lao PDR	53.36	21.23	28.88	32.61	12.90	16.38	5.36	6.32	4.24	-7.56
Malaysia	19.52	8.33	9.76	11.68	15.41	11.89	13.07	5.74	4.05	5.65
Myanmar	22.00	23.21	23.96	30.26	20.54	14.10	25.93	13.61	31.85	0.70
Philippines	14.48	24.23	13.64	10.60	10.88	7.67	27.31	13.24	15.16	15.06
Singapore	22.39	18.40	23.47	20.34	16.10	7.75	9.87	3.64	0.14	7.67
Thailand	9.70	-2.28	7.68	11.73	12.98	20.35	3.94	1.27	5.68	4.84
Viet Nam	122.30	-0.10	31.28	10.22	-0.94	21.86	27.87	21.23	17.96	18.10

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 figures for 2007 and 2008, are y-o-y growth of Q2 figures  
'-' - not available at the time of publication

**Table 4.15. Reserve Money, 2007-2016**

(in Billions of National Currency)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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
Indonesia	379,582	344,688	402,119	518,447	613,488	704,843	821,679	918,434	945,916	989,565
Lao PDR	3,974	4,776	6,428	5,151	4,772	6,477	6,840	12,907	18,224	18,966
Malaysia	94	69	55	61	96	106	116	125	137	141
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
Singapore	28	34	36	41	45	49	64	55	61	65
Thailand	934	1,040	1,103	1,243	1,366	1,498	1,546	1,669	1,714	1,783
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 GDP, 2006-2016**

(as percent of GDP)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	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	-0.99	-1.43	-0.08	-1.58	-0.73	-1.14	-1.86	-2.22	-2.14	-2.59	-2.49
Lao PDR	-3.90	-2.58	-4.06	-2.40	-2.15	-1.87	-1.26	-5.41	-3.85	-4.46	-5.20
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	-
Singapore	0.51	3.02	1.44	-0.29	0.30	1.16	1.61	1.33	0.15	-0.99	1.26
Thailand	2.16	-1.58	-0.99	-4.15	-2.46	-4.12	-4.18	-1.85	-2.91	-2.94	-2.38
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
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
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
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	-
Singapore	1,198	8,181	3,906	-820	980	4,003	5,821	4,998	572	-4,050	5,180
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	-	-	-	-	-

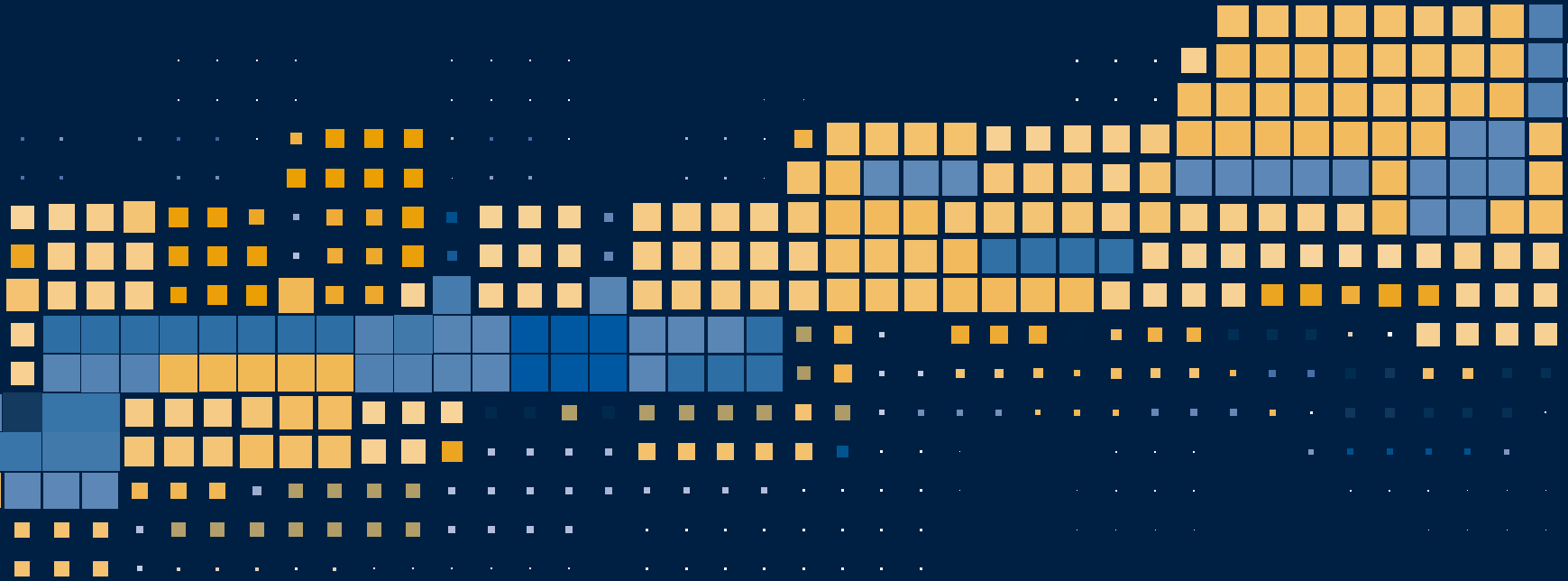
Source:

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 Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Total Trade in Goods</b>										
Brunei Darussalam	9,749.9	12,774.7	9,602.5	11,274.2	15,383.3	16,854.7	15,057.4	14,180.7	9,592.2	7,544.0
Cambodia	7,580.6	8,775.6	8,886.7	8,601.2	11,220.5	12,624.8	14,877.5	16,408.1	20,355.1	22,444.1
Indonesia	188,574.3	266,217.7	213,339.2	293,442.4	380,932.2	381,721.3	369,180.5	354,158.8	292,977.1	280,839.0
Lao PDR	1,093.0	2,630.9	2,962.1	3,745.4	4,480.1	4,194.7	6,540.1	7,024.6	6,763.5	7,231.2
Malaysia	323,116.0	338,794.7	280,221.4	363,234.4	415,559.1	423,942.4	434,019.5	442,777.8	375,168.8	357,806.6
Myanmar	8,722.5	10,415.4	10,191.3	11,866.6	15,232.7	17,173.2	23,275.5	27,256.7	28,448.8	27,205.0
Philippines	105,979.5	105,671.0	83,868.6	109,660.3	111,751.6	117,381.6	119,108.9	130,806.1	128,834.5	142,248.0
Singapore	565,649.8	661,800.7	516,535.4	666,318.1	788,754.7	801,432.0	807,988.7	793,292.6	666,003.8	629,992.6
Thailand	293,536.8	352,534.2	286,266.8	376,225.3	451,358.6	477,301.9	478,247.3	455,525.9	417,147.4	409,994.2
Viet Nam	109,982.5	141,357.0	125,921.9	157,075.2	203,655.5	227,793.3	264,774.0	293,777.1	327,743.7	351,038.5
<b>TOTAL</b>	<b>1,613,985.0</b>	<b>1,900,972.0</b>	<b>1,537,795.9</b>	<b>2,001,443.0</b>	<b>2,398,328.3</b>	<b>2,480,419.8</b>	<b>2,533,069.2</b>	<b>2,535,208.4</b>	<b>2,273,034.8</b>	<b>2,236,343.3</b>
<b>ASEAN6</b>	<b>1,486,606.3</b>	<b>1,737,793.0</b>	<b>1,389,833.9</b>	<b>1,820,154.6</b>	<b>2,163,739.5</b>	<b>2,218,633.9</b>	<b>2,223,602.3</b>	<b>2,190,742.0</b>	<b>1,889,723.6</b>	<b>1,828,424.4</b>
<b>CLMV</b>	<b>127,378.6</b>	<b>163,178.9</b>	<b>147,962.0</b>	<b>181,288.4</b>	<b>234,588.9</b>	<b>261,785.9</b>	<b>309,466.9</b>	<b>344,466.4</b>	<b>383,311.2</b>	<b>407,918.9</b>
<b>Intra-ASEAN Trade in Goods</b>										
Brunei Darussalam	3,192.8	3,680.5	2,442.2	2,330.6	3,282.3	3,707.2	4,488.0	3,860.6	2,644.9	2,507.3
Cambodia	1,534.4	1,909.9	2,097.9	1,989.5	2,623.5	3,110.0	3,345.0	3,278.0	5,366.9	5,483.9
Indonesia	46,084.2	68,162.5	52,366.3	80,472.2	93,399.1	95,654.5	94,661.0	90,571.2	63,604.8	68,647.6
Lao PDR	808.4	2,095.1	2,478.1	2,639.6	2,897.0	2,589.2	3,963.0	4,877.0	4,356.9	4,603.1
Malaysia	82,611.5	85,074.2	72,061.7	95,112.7	108,271.9	115,816.0	118,968.9	118,965.0	102,847.8	97,092.1
Myanmar	4,840.8	5,579.7	5,262.3	6,175.0	8,417.8	8,391.9	10,211.5	11,454.1	11,467.6	9,257.7
Philippines	20,907.0	21,398.4	17,399.5	27,827.5	23,675.6	24,758.3	22,786.2	25,616.1	25,578.8	30,895.5
Singapore	162,183.1	185,056.7	141,499.0	182,597.4	212,369.3	213,957.9	216,127.5	205,968.8	172,677.5	162,108.1
Thailand	57,886.8	69,375.3	59,250.1	76,960.9	93,508.0	99,535.5	103,668.6	102,725.3	96,236.8	94,258.6
Viet Nam	23,175.3	29,494.6	22,121.5	26,758.5	34,493.4	37,947.4	39,531.9	40,797.7	41,891.1	41,159.1
<b>TOTAL</b>	<b>403,224.5</b>	<b>471,826.9</b>	<b>376,978.7</b>	<b>502,863.8</b>	<b>582,937.9</b>	<b>605,467.8</b>	<b>617,751.6</b>	<b>608,113.8</b>	<b>526,673.1</b>	<b>516,012.9</b>
<b>ASEAN6</b>	<b>372,865.5</b>	<b>432,747.6</b>	<b>345,018.8</b>	<b>465,301.3</b>	<b>534,506.1</b>	<b>553,429.4</b>	<b>560,700.3</b>	<b>547,707.0</b>	<b>463,590.7</b>	<b>455,509.1</b>
<b>CLMV</b>	<b>30,358.9</b>	<b>39,079.3</b>	<b>31,959.8</b>	<b>37,562.5</b>	<b>48,431.8</b>	<b>52,038.5</b>	<b>57,051.3</b>	<b>60,406.8</b>	<b>63,082.5</b>	<b>60,503.8</b>

**Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2007-2016 (Continued)**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Extra-ASEAN Trade in Goods</b>										
Brunei Darussalam	6,557.1	9,094.2	7,160.3	8,943.6	12,101.0	13,147.5	10,569.4	10,320.1	6,947.2	5,036.8
Cambodia	6,046.2	6,865.6	6,788.8	6,611.7	8,597.0	9,514.8	11,532.5	13,130.1	14,988.3	16,960.3
Indonesia	142,490.1	198,055.2	160,972.9	212,970.2	287,533.1	286,066.9	274,519.5	263,587.6	229,372.2	212,191.4
Lao PDR	284.6	535.8	484.0	1,105.8	1,583.1	1,605.5	2,577.1	2,147.6	2,406.6	2,628.1
Malaysia	240,504.5	253,720.5	208,159.6	268,121.7	307,287.2	308,126.3	315,050.6	323,812.9	272,321.0	260,714.5
Myanmar	3,881.7	4,835.7	4,929.0	5,691.7	6,814.9	8,781.2	13,064.0	15,802.6	16,981.1	17,947.3
Philippines	85,072.4	84,272.6	66,469.1	81,832.9	88,076.0	92,623.3	96,322.7	105,190.0	103,255.7	111,352.5
Singapore	403,466.7	476,744.0	375,036.5	483,720.6	576,385.4	587,474.0	591,861.1	587,323.9	493,326.3	467,884.5
Thailand	235,650.0	283,158.9	227,016.7	299,264.3	357,850.6	377,766.4	374,578.7	352,800.6	320,910.6	315,735.5
Viet Nam	86,807.2	111,862.5	103,800.4	130,316.7	169,162.1	189,845.9	225,242.1	252,979.4	285,852.6	309,879.4
<b>TOTAL</b>	<b>1,210,760.5</b>	<b>1,429,145.0</b>	<b>1,160,817.2</b>	<b>1,498,579.2</b>	<b>1,815,390.4</b>	<b>1,874,951.9</b>	<b>1,915,317.6</b>	<b>1,927,094.6</b>	<b>1,746,361.7</b>	<b>1,720,330.4</b>
<b>ASEAN6</b>	<b>1,113,740.8</b>	<b>1,305,045.4</b>	<b>1,044,815.0</b>	<b>1,354,853.3</b>	<b>1,629,233.3</b>	<b>1,665,204.5</b>	<b>1,662,902.0</b>	<b>1,643,035.0</b>	<b>1,426,133.0</b>	<b>1,372,915.3</b>
<b>CLMV</b>	<b>97,019.7</b>	<b>124,099.6</b>	<b>116,002.2</b>	<b>143,725.9</b>	<b>186,157.0</b>	<b>209,747.4</b>	<b>252,415.6</b>	<b>284,059.6</b>	<b>320,228.7</b>	<b>347,415.1</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	7,653.2	10,268.0	7,152.0	8,837.2	12,440.5	13,180.6	11,445.6	10,584.1	6,353.9	4,873.8
Cambodia	3,905.5	4,358.5	4,985.8	3,825.9	5,121.1	5,158.2	6,665.9	6,748.7	8,557.7	10,073.1
Indonesia	114,100.9	137,020.4	116,510.0	157,779.1	203,496.6	190,031.8	182,551.8	175,980.0	150,282.3	145,186.2
Lao PDR	381.9	827.7	1,237.2	1,908.7	1,898.0	1,597.1	2,987.8	2,572.2	2,985.1	3,124.2
Malaysia	176,205.6	194,495.9	156,890.9	198,612.1	228,086.0	227,544.1	228,223.4	233,927.3	199,157.9	189,414.3
Myanmar	5,933.4	6,620.6	6,341.5	7,871.1	7,418.9	8,374.8	11,232.9	11,030.6	11,605.2	11,509.3
Philippines	50,465.7	49,025.4	38,334.7	51,431.7	48,042.2	51,995.2	53,978.3	62,101.6	58,648.4	56,312.9
Singapore	301,298.4	339,875.2	270,145.3	353,242.6	416,202.1	415,613.9	419,936.7	415,377.8	357,905.9	338,083.2
Thailand	153,571.1	174,966.7	152,497.2	193,298.1	222,579.1	229,529.3	228,730.2	227,573.6	214,396.2	215,326.6
Viet Nam	48,288.9	61,777.8	56,691.0	72,236.7	96,905.7	114,510.7	132,664.1	148,091.5	162,013.9	176,575.1
<b>TOTAL</b>	<b>861,804.7</b>	<b>979,236.2</b>	<b>810,785.4</b>	<b>1,049,043.3</b>	<b>1,242,190.2</b>	<b>1,257,535.9</b>	<b>1,278,416.6</b>	<b>1,293,987.5</b>	<b>1,171,906.4</b>	<b>1,150,478.7</b>
<b>ASEAN6</b>	<b>803,295.0</b>	<b>905,651.5</b>	<b>741,530.0</b>	<b>963,200.9</b>	<b>1,130,846.5</b>	<b>1,127,895.0</b>	<b>1,124,866.0</b>	<b>1,125,544.5</b>	<b>986,744.6</b>	<b>949,197.0</b>
<b>CLMV</b>	<b>58,509.7</b>	<b>73,584.7</b>	<b>69,255.4</b>	<b>85,842.4</b>	<b>111,343.7</b>	<b>129,640.9</b>	<b>153,550.6</b>	<b>168,443.0</b>	<b>185,161.8</b>	<b>201,281.7</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	2,096.7	2,506.7	2,450.5	2,437.0	2,942.8	3,674.1	3,611.8	3,596.6	3,238.2	2,670.2
Cambodia	3,675.1	4,417.0	3,900.9	4,775.3	6,099.4	7,466.6	8,211.6	9,659.4	11,797.4	12,371.0
Indonesia	74,473.4	129,197.3	96,829.2	135,663.3	177,435.6	191,689.5	186,628.7	178,178.8	142,694.8	135,652.8
Lao PDR	711.1	1,803.2	1,725.0	1,836.6	2,582.1	2,597.5	3,552.3	4,452.4	3,778.4	4,107.1
Malaysia	146,910.3	144,298.8	123,330.5	164,622.2	187,473.1	196,398.3	205,796.1	208,850.5	176,010.8	168,392.3
Myanmar	2,789.1	3,794.9	3,849.9	3,995.6	7,813.8	8,798.3	12,042.6	16,226.1	16,843.6	15,695.7
Philippines	55,513.7	56,645.6	45,533.9	58,228.6	63,709.4	65,386.4	65,130.6	68,704.5	70,186.1	85,935.1
Singapore	264,351.4	321,925.6	246,390.1	313,075.5	372,552.7	385,818.0	388,051.9	377,914.8	308,097.9	291,909.4
Thailand	139,965.7	177,567.5	133,769.6	182,927.1	228,779.4	247,772.6	249,517.1	227,952.3	202,751.2	194,667.5
Viet Nam	61,693.6	79,579.2	69,230.9	84,838.6	106,749.9	113,282.5	132,109.9	145,685.6	165,729.9	174,463.4
<b>TOTAL</b>	<b>752,180.2</b>	<b>921,735.8</b>	<b>727,010.5</b>	<b>952,399.7</b>	<b>1,156,138.1</b>	<b>1,222,883.9</b>	<b>1,254,652.6</b>	<b>1,241,220.9</b>	<b>1,101,128.4</b>	<b>1,085,864.5</b>
<b>ASEAN6</b>	<b>683,311.3</b>	<b>832,141.5</b>	<b>648,303.9</b>	<b>856,953.7</b>	<b>1,032,892.9</b>	<b>1,090,738.9</b>	<b>1,098,736.3</b>	<b>1,065,197.4</b>	<b>902,979.0</b>	<b>879,227.4</b>
<b>CLMV</b>	<b>68,868.9</b>	<b>89,594.3</b>	<b>78,706.6</b>	<b>95,446.0</b>	<b>123,245.2</b>	<b>132,145.0</b>	<b>155,916.3</b>	<b>176,023.4</b>	<b>198,149.3</b>	<b>206,637.2</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	5,503.7	7,787.6	5,964.9	7,741.0	10,707.0	11,076.5	8,801.2	8,491.1	5,114.4	3,656.9
Cambodia	3,654.1	4,047.9	4,341.2	3,512.4	4,704.2	4,813.7	6,139.1	6,386.5	7,868.2	9,202.9
Indonesia	91,808.8	109,849.6	91,886.1	124,431.6	161,397.8	148,200.7	141,921.8	136,311.9	116,710.0	111,355.9
Lao PDR	149.9	223.4	239.8	756.9	858.2	692.5	1,642.2	1,181.4	1,407.1	1,573.4
Malaysia	130,910.0	144,097.0	116,529.4	148,216.4	171,987.7	166,597.2	164,275.9	168,688.7	142,988.8	133,733.3
Myanmar	2,505.6	2,769.0	3,145.0	3,677.0	2,920.3	3,986.3	5,774.1	6,670.6	7,142.8	8,161.3
Philippines	42,433.8	41,943.7	32,496.2	39,874.1	39,406.9	42,190.9	45,363.4	52,889.9	50,111.5	47,912.3
Singapore	205,744.6	229,960.3	187,804.3	245,569.8	282,333.8	281,890.3	281,990.6	285,179.2	250,102.9	238,708.3
Thailand	120,676.9	135,479.6	120,006.6	148,980.2	168,534.2	172,798.8	169,409.7	168,147.8	159,231.2	160,669.6
Viet Nam	40,558.1	51,760.1	48,136.2	61,885.7	83,322.4	97,437.9	114,485.2	129,831.0	143,950.1	159,286.0
<b>TOTAL</b>	<b>643,945.6</b>	<b>727,918.2</b>	<b>610,549.8</b>	<b>784,645.1</b>	<b>926,172.4</b>	<b>929,684.7</b>	<b>939,803.3</b>	<b>963,778.1</b>	<b>884,627.2</b>	<b>874,260.0</b>
<b>ASEAN6</b>	<b>597,077.8</b>	<b>669,117.8</b>	<b>554,687.5</b>	<b>714,813.0</b>	<b>834,367.3</b>	<b>822,754.3</b>	<b>811,762.7</b>	<b>819,708.6</b>	<b>724,258.9</b>	<b>696,036.3</b>
<b>CLMV</b>	<b>46,867.8</b>	<b>58,800.4</b>	<b>55,862.3</b>	<b>69,832.0</b>	<b>91,805.1</b>	<b>106,930.4</b>	<b>128,040.6</b>	<b>144,069.5</b>	<b>160,368.3</b>	<b>178,223.8</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	2,149.5	2,480.4	1,187.1	1,096.2	1,733.5	2,104.1	2,644.4	2,093.0	1,239.5	1,216.8
Cambodia	251.4	310.6	644.6	313.5	416.9	344.5	526.7	362.2	689.5	870.2
Indonesia	22,292.1	27,170.8	24,623.9	33,347.5	42,098.9	41,831.1	40,630.0	39,668.1	33,572.3	33,830.3
Lao PDR	231.9	604.3	997.3	1,151.8	1,039.8	904.7	1,345.6	1,390.8	1,578.0	1,550.7
Malaysia	45,295.6	50,398.9	40,361.5	50,395.7	56,098.3	60,946.9	63,947.5	65,238.6	56,169.1	55,681.1
Myanmar	3,427.7	3,851.5	3,196.4	4,194.1	4,498.6	4,388.5	5,458.8	4,360.0	4,462.3	3,348.0
Philippines	8,031.9	7,081.7	5,838.4	11,557.6	8,635.3	9,804.4	8,614.9	9,211.7	8,536.9	8,400.6
Singapore	95,553.8	109,914.9	82,341.0	107,672.9	133,868.3	133,723.7	137,946.1	130,198.7	107,802.9	99,374.9
Thailand	32,894.2	39,487.0	32,490.6	44,317.9	54,044.9	56,730.5	59,320.5	59,425.8	55,165.0	54,657.0
Viet Nam	7,730.8	10,017.8	8,554.8	10,350.9	13,583.3	17,072.8	18,178.9	18,260.5	18,063.7	17,289.1
<b>TOTAL</b>	<b>217,859.2</b>	<b>251,318.0</b>	<b>200,235.7</b>	<b>264,398.2</b>	<b>316,017.7</b>	<b>327,851.2</b>	<b>338,613.3</b>	<b>330,209.4</b>	<b>287,279.3</b>	<b>276,218.7</b>
<b>ASEAN6</b>	<b>206,217.2</b>	<b>236,533.7</b>	<b>186,842.5</b>	<b>248,387.8</b>	<b>296,479.2</b>	<b>305,140.7</b>	<b>313,103.3</b>	<b>305,835.9</b>	<b>262,485.7</b>	<b>253,160.7</b>
<b>CLMV</b>	<b>11,641.9</b>	<b>14,784.2</b>	<b>13,393.2</b>	<b>16,010.3</b>	<b>19,538.6</b>	<b>22,710.5</b>	<b>25,510.0</b>	<b>24,373.5</b>	<b>24,793.6</b>	<b>23,058.0</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1,053.4	1,306.6	1,195.4	1,202.6	1,394.0	2,071.0	1,768.2	1,828.9	1,832.8	1,379.8
Cambodia	2,392.1	2,817.7	2,447.6	3,099.3	3,892.8	4,701.2	5,393.3	6,743.6	7,120.1	7,757.3
Indonesia	50,681.3	88,205.6	69,086.8	88,538.6	126,135.4	137,866.1	132,597.7	127,275.7	112,662.2	100,835.5
Lao PDR	134.6	312.4	244.2	348.9	724.9	913.0	934.9	966.2	999.5	1,054.7
Malaysia	109,594.4	109,623.5	91,630.2	119,905.3	135,299.5	141,529.2	150,774.7	155,124.2	129,332.2	126,981.2
Myanmar	1,376.1	2,066.7	1,784.0	2,014.7	3,894.6	4,794.9	7,289.9	9,132.0	9,838.3	9,786.0
Philippines	42,638.6	42,328.9	33,972.9	41,958.8	48,669.1	50,432.5	50,959.3	52,300.0	53,144.2	63,440.2
Singapore	197,722.1	246,783.7	187,232.1	238,150.9	294,051.6	305,583.8	309,870.5	302,144.7	243,223.4	229,176.2
Thailand	114,973.1	147,679.3	107,010.1	150,284.1	189,316.4	204,967.6	205,169.0	184,652.8	161,679.3	155,065.9
Viet Nam	46,249.1	60,102.4	55,664.2	68,431.0	85,839.7	92,408.0	110,756.9	123,148.4	141,902.5	150,593.4
<b>TOTAL</b>	<b>566,814.9</b>	<b>701,226.8</b>	<b>550,267.5</b>	<b>713,934.1</b>	<b>889,217.9</b>	<b>945,267.2</b>	<b>975,514.3</b>	<b>963,316.6</b>	<b>861,734.5</b>	<b>846,070.4</b>
<b>ASEAN6</b>	<b>516,663.0</b>	<b>635,927.7</b>	<b>490,127.5</b>	<b>640,040.2</b>	<b>794,866.0</b>	<b>842,450.2</b>	<b>851,139.3</b>	<b>823,326.4</b>	<b>701,874.1</b>	<b>676,879.0</b>
<b>CLMV</b>	<b>50,151.9</b>	<b>65,299.2</b>	<b>60,139.9</b>	<b>73,893.9</b>	<b>94,351.9</b>	<b>102,817.0</b>	<b>124,375.0</b>	<b>139,990.2</b>	<b>159,860.4</b>	<b>169,191.4</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1,043.3	1,200.1	1,255.1	1,234.4	1,548.8	1,603.0	1,843.7	1,767.6	1,405.4	1,290.4
Cambodia	1,283.0	1,599.3	1,453.3	1,676.0	2,206.6	2,765.4	2,818.2	2,915.8	4,677.3	4,613.7
Indonesia	23,792.1	40,991.7	27,742.4	47,124.7	51,300.2	53,823.4	54,031.0	50,903.1	30,032.6	34,817.3
Lao PDR	576.5	1,490.9	1,480.8	1,487.7	1,857.2	1,684.5	2,617.4	3,486.2	2,778.9	3,052.4
Malaysia	37,315.9	34,675.3	31,700.2	44,717.0	52,173.6	54,869.1	55,021.4	53,726.3	46,678.7	41,411.1
Myanmar	1,413.1	1,728.2	2,065.9	1,980.9	3,919.2	4,003.5	4,752.7	7,094.1	7,005.3	5,909.7
Philippines	12,875.1	14,316.7	11,561.1	16,269.8	15,040.3	14,953.9	14,171.4	16,404.4	17,042.0	22,494.8
Singapore	66,629.3	75,141.8	59,158.0	74,924.6	78,501.0	80,234.2	78,181.4	75,770.1	64,874.5	62,733.2
Thailand	24,992.5	29,888.2	26,759.5	32,643.0	39,463.1	42,805.0	44,348.1	43,299.5	41,071.8	39,601.6
Viet Nam	15,444.5	19,476.8	13,566.7	16,407.5	20,910.2	20,874.6	21,353.0	22,537.1	23,827.4	23,870.1
<b>TOTAL</b>	<b>185,365.3</b>	<b>220,509.0</b>	<b>176,743.0</b>	<b>238,465.6</b>	<b>266,920.2</b>	<b>277,616.7</b>	<b>279,138.3</b>	<b>277,904.3</b>	<b>239,393.9</b>	<b>239,794.2</b>
<b>ASEAN6</b>	<b>166,648.3</b>	<b>196,213.8</b>	<b>158,176.3</b>	<b>216,913.4</b>	<b>238,027.0</b>	<b>248,288.7</b>	<b>247,596.9</b>	<b>241,871.1</b>	<b>201,105.0</b>	<b>202,348.4</b>
<b>CLMV</b>	<b>18,717.0</b>	<b>24,295.1</b>	<b>18,566.7</b>	<b>21,552.2</b>	<b>28,893.3</b>	<b>29,328.0</b>	<b>31,541.3</b>	<b>36,033.3</b>	<b>38,288.9</b>	<b>37,445.8</b>

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, 2007-2016**

(in US\$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	5,556.6	7,761.2	4,701.4	6,400.2	9,497.7	9,506.5	7,833.7	6,987.6	3,115.7	2,203.6
Cambodia	230.4	-58.5	1,084.9	-949.4	-978.4	-2,308.4	-1,545.7	-2,910.8	-3,239.7	-2,297.9
Indonesia	39,627.5	7,823.1	19,680.8	22,115.8	26,061.1	-1,657.6	-4,076.9	-2,198.8	7,587.5	9,533.4
Lao PDR	-329.3	-975.5	-487.8	72.1	-684.1	-1,000.4	-564.5	-1,880.2	-793.3	-982.9
Malaysia	29,295.3	50,197.1	33,560.4	33,989.9	40,612.9	31,145.8	22,427.3	25,076.9	23,147.1	21,022.0
Myanmar	3,144.2	2,825.7	2,491.6	3,875.5	-394.9	-423.5	-809.7	-5,195.4	-5,238.4	-4,186.4
Philippines	-5,048.0	-7,620.2	-7,199.3	-6,796.9	-15,667.2	-13,391.2	-11,152.4	-6,602.9	-11,537.7	-29,622.2
Singapore	36,947.0	17,949.6	23,755.2	40,167.2	43,649.4	29,795.9	31,884.8	37,463.0	49,808.0	46,173.8
Thailand	13,605.4	-2,600.9	18,727.6	10,371.0	-6,200.3	-18,243.3	-20,786.9	-378.7	11,645.1	20,659.1
Viet Nam	-13,404.6	-17,801.3	-12,539.8	-12,601.9	-9,844.2	1,228.2	554.2	2,405.9	-3,716.0	2,111.7
<b>TOTAL</b>	<b>109,624.5</b>	<b>57,500.4</b>	<b>83,775.0</b>	<b>96,643.6</b>	<b>86,052.0</b>	<b>34,652.0</b>	<b>23,764.0</b>	<b>52,766.6</b>	<b>70,778.1</b>	<b>64,614.2</b>
<b>ASEAN6</b>	<b>119,983.8</b>	<b>73,510.0</b>	<b>93,226.1</b>	<b>106,247.2</b>	<b>97,953.6</b>	<b>37,156.1</b>	<b>26,129.7</b>	<b>60,347.1</b>	<b>83,765.5</b>	<b>69,969.7</b>
<b>CLMV</b>	<b>-10,359.2</b>	<b>-16,009.6</b>	<b>-9,451.1</b>	<b>-9,603.6</b>	<b>-11,901.5</b>	<b>-2,504.1</b>	<b>-2,365.7</b>	<b>-7,580.4</b>	<b>-12,987.5</b>	<b>-5,355.5</b>

\* Trade balance is the difference between the value of exports and value of imports.

Source:  
ASEAN Secretariat

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

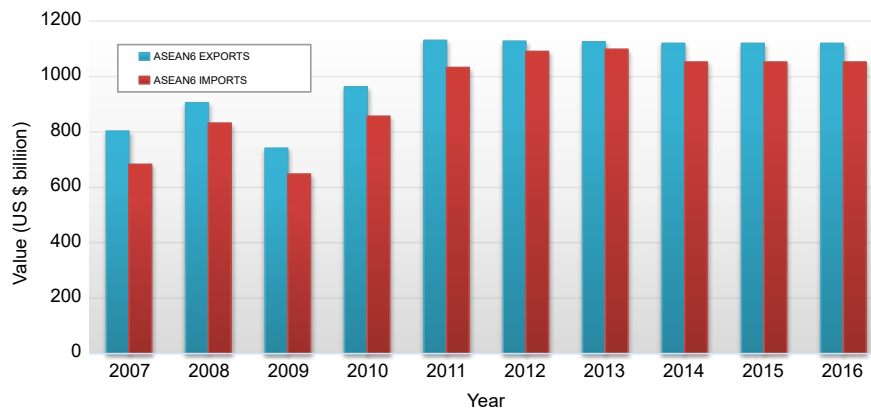
**Table 5.9. ASEAN Trade in Goods by Trading Partners, 2007-2016**

(in US\$ Million)

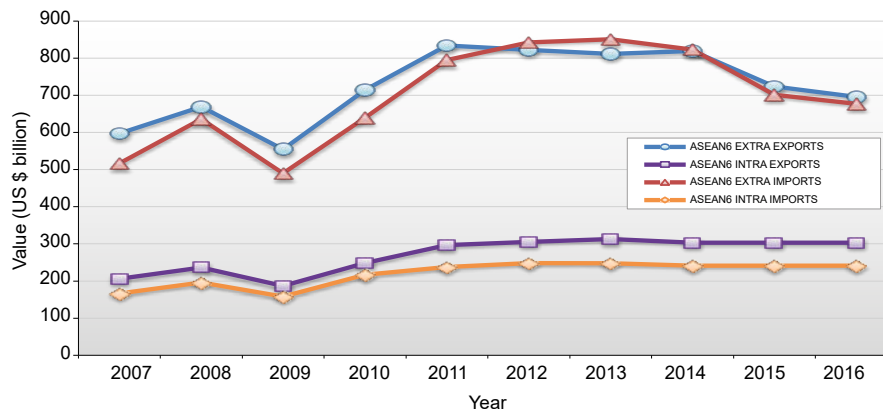
Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>ASEAN</b>	<b>403,224.5</b>	<b>471,826.9</b>	<b>376,978.7</b>	<b>502,863.8</b>	<b>582,937.9</b>	<b>605,467.8</b>	<b>617,751.6</b>	<b>608,113.8</b>	<b>526,673.1</b>	<b>516,012.9</b>
<b>Trading Partner</b>	<b>1,210,760.5</b>	<b>1,429,145.0</b>	<b>1,160,817.3</b>	<b>1,498,579.2</b>	<b>1,815,390.4</b>	<b>1,874,951.9</b>	<b>1,915,317.6</b>	<b>1,927,094.6</b>	<b>1,746,361.7</b>	<b>1,720,330.4</b>
Australia	42,134.1	53,063.0	43,977.7	57,434.8	67,488.0	70,438.8	69,053.1	73,395.2	56,489.8	52,788.8
Canada	9,495.3	10,726.6	9,028.0	10,733.8	12,669.7	12,332.7	13,529.3	13,331.2	12,184.0	12,631.2
China	171,101.9	196,706.3	178,049.1	235,513.6	294,989.4	319,389.7	351,583.4	366,711.2	357,637.4	368,026.4
EU-28	175,580.1	170,626.1	171,316.6	203,880.6	240,119.3	242,680.5	246,534.6	248,179.4	227,843.5	233,561.1
India	38,398.6	49,304.4	39,171.2	56,725.8	74,232.0	71,252.0	68,269.4	67,993.1	60,051.1	58,449.2
Japan	173,268.0	214,725.2	160,956.1	218,927.3	256,410.7	264,459.1	240,430.9	229,094.7	227,046.9	201,892.4
Republic of Korea	61,250.2	78,313.2	74,721.8	101,999.3	124,750.2	131,468.1	134,864.2	131,438.3	122,292.9	124,251.3
New Zealand	5,793.0	7,827.9	5,371.5	7,608.9	9,043.1	9,286.8	9,789.0	10,706.0	8,624.0	7,899.9
Russian Federation	5,396.6	9,784.3	6,756.2	12,693.4	16,851.4	18,142.0	19,984.1	22,571.1	13,718.0	11,956.6
USA	178,177.8	185,203.0	148,667.7	181,241.2	198,110.2	199,803.4	205,313.1	211,507.9	209,002.6	211,801.4
Rest of the World	350,164.9	452,864.9	322,801.5	411,820.6	520,726.3	535,698.9	555,966.6	552,166.4	451,471.6	437,072.0
<b>Total</b>	<b>1,613,985.0</b>	<b>1,900,971.9</b>	<b>1,537,795.9</b>	<b>2,001,443.0</b>	<b>2,398,328.3</b>	<b>2,480,419.8</b>	<b>2,533,069.2</b>	<b>2,535,208.4</b>	<b>2,273,034.8</b>	<b>2,236,343.3</b>

Source:  
ASEAN Secretariat

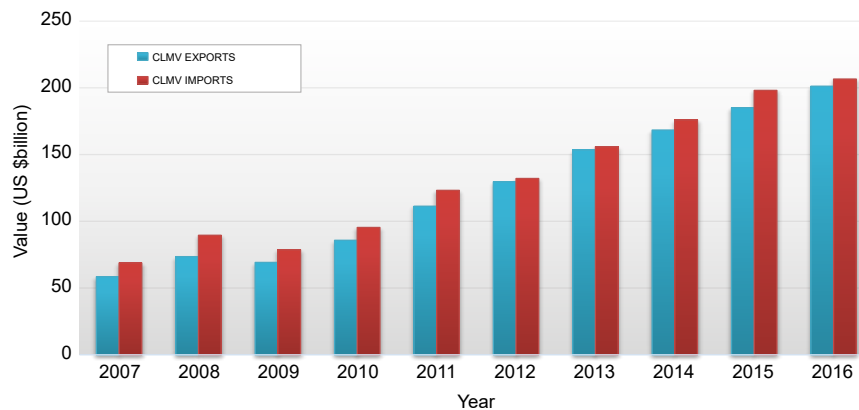
**Graph 5.1. CLMV: Total Exports and Imports of Goods, 2007-2016**



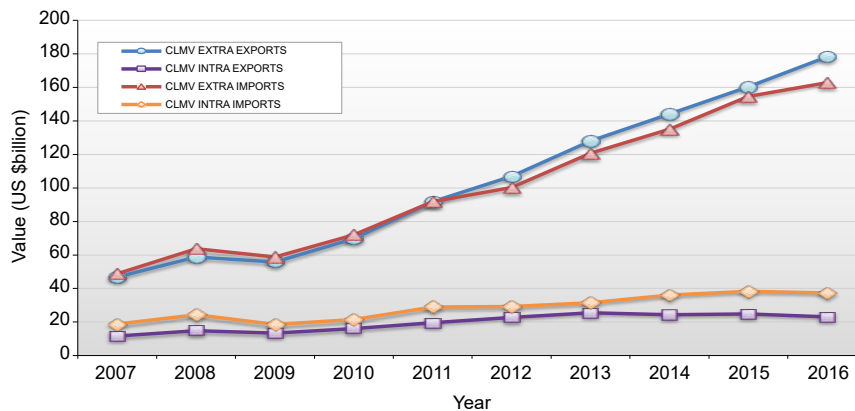
**Graph 5.2. CLMV: Extra-ASEAN Exports and Imports of Goods, 2007-2016**



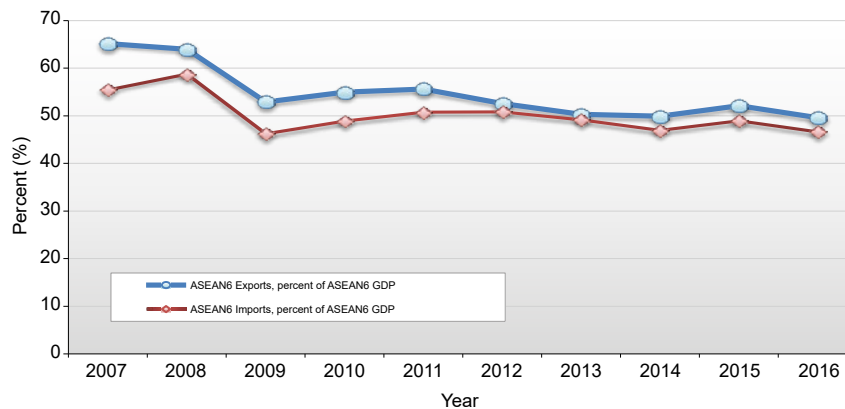
**Graph 5.3. CLMV: Total Exports and Imports of Goods, 2007-2016**



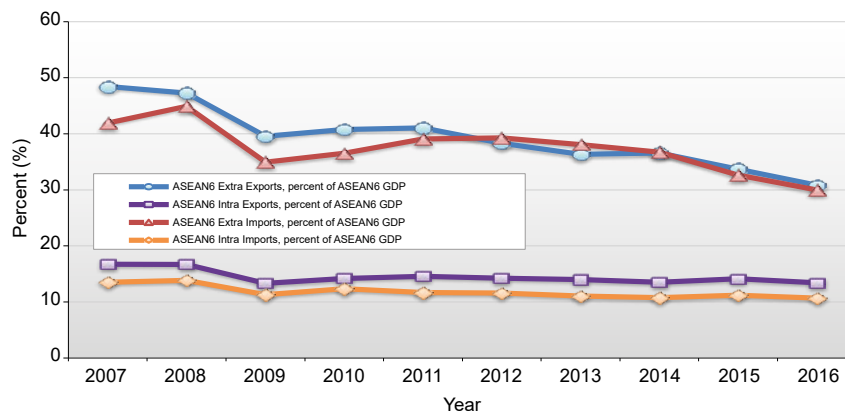
**Graph 5.4. CLMV: Extra-ASEAN Exports and Imports of Goods, 2007-2016**



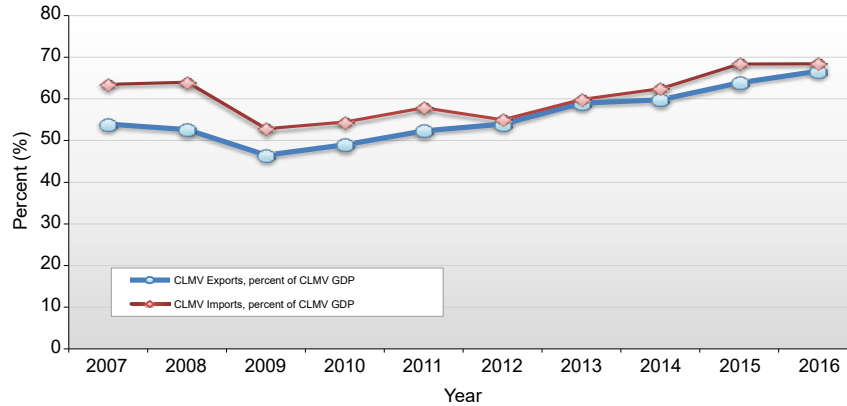
**Graph 5.5. ASEAN6: Exports and Imports of Goods Share to GDP, 2007-2016**



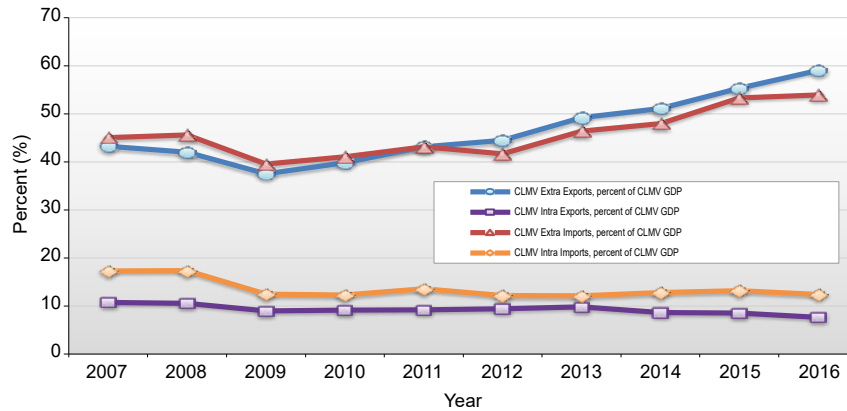
**Graph 5.6. ASEAN6: Extra and Intra-ASEAN Exports and Imports of Goods Share to GDP, 2007-2016**



**Graph 5.7. CLMV: Exports and Imports of Goods Share to GDP, 2007-2016**

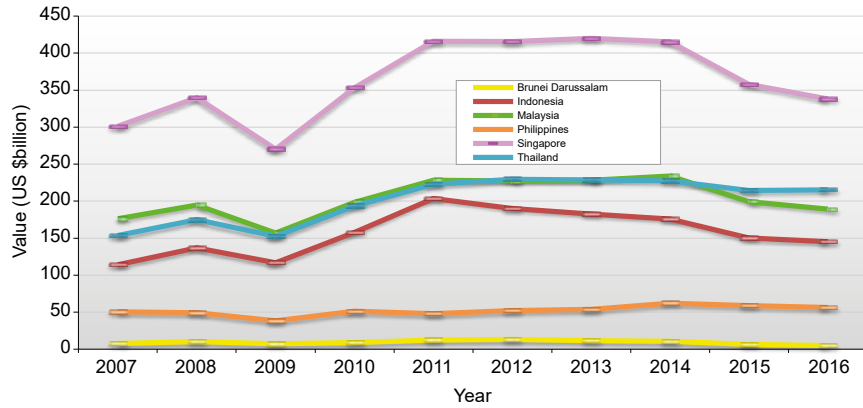


**Graph 5.8. CLMV: Extra and Intra-ASEAN Exports and Imports of Goods Share to GDP, 2007-2016**

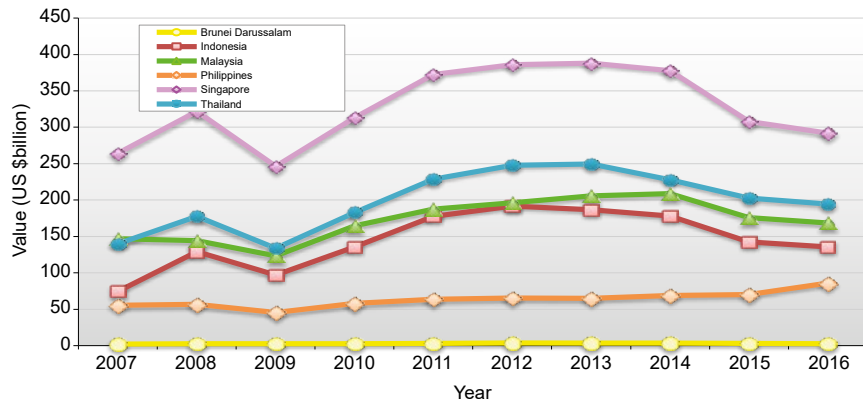




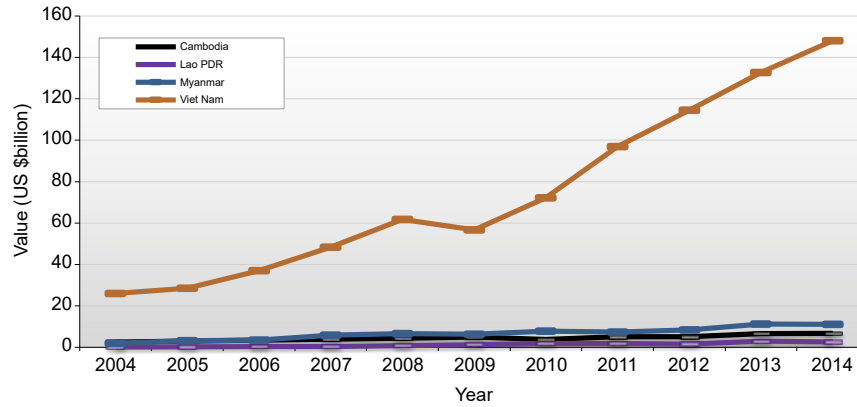
**Graph 5.9. ASEAN6: Total Exports of Goods by Country, 2007-2016**



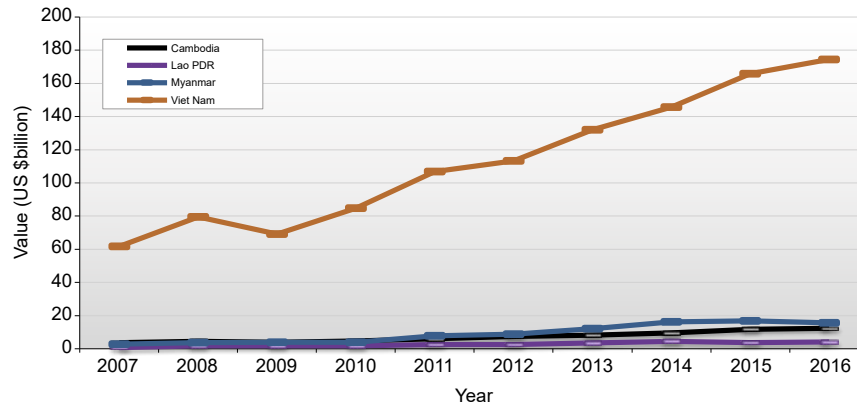
**Graph 5.10. ASEAN6: Total Imports of Goods by Country, 2007-2016**



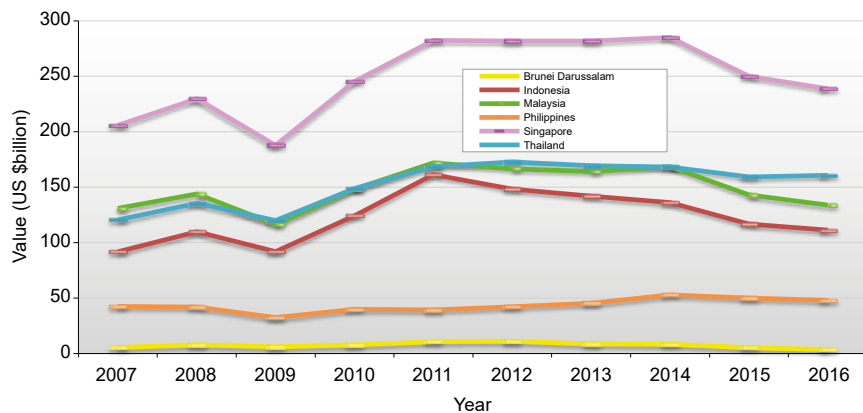
**Graph 5.11. CLMV: Total Exports of Goods by Country, 2007-2016**



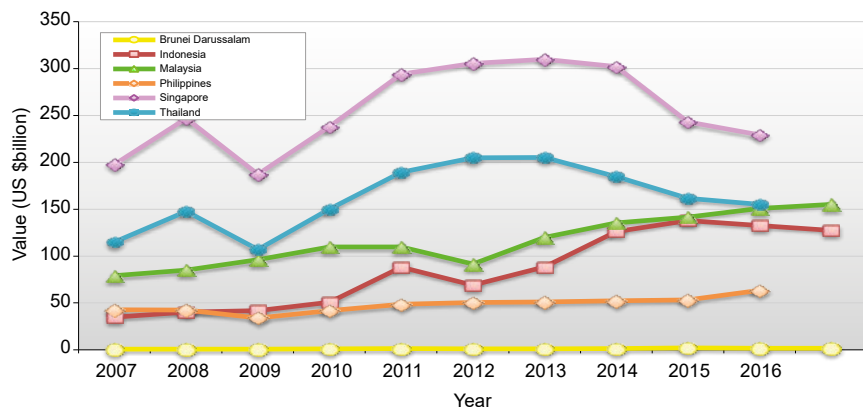
**Graph 5.12. CLMV: Total Imports of Goods by Country, 2007-2016**



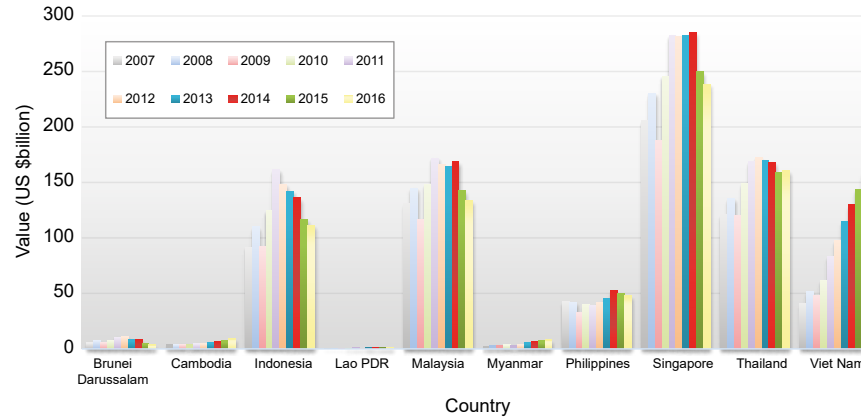
**Graph 5.13. ASEAN6: Extra-ASEAN Exports of Goods by Country, 2007-2016**



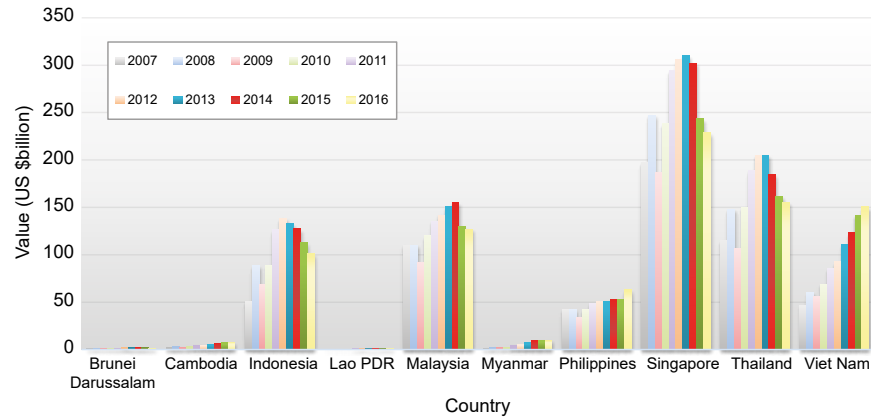
**Graph 5.14. ASEAN6: Extra-ASEAN Imports of Goods by Country, 2007-2016**



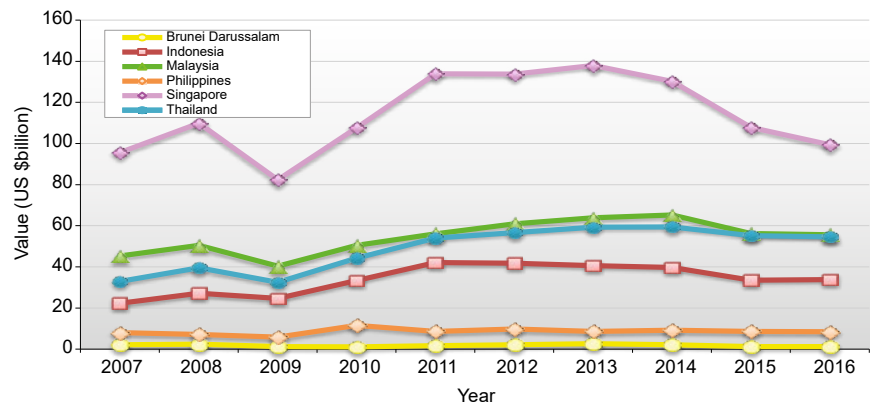
**Graph 5.15. ASEAN6: Extra-ASEAN Exports of Goods by Country, 2007-2016**



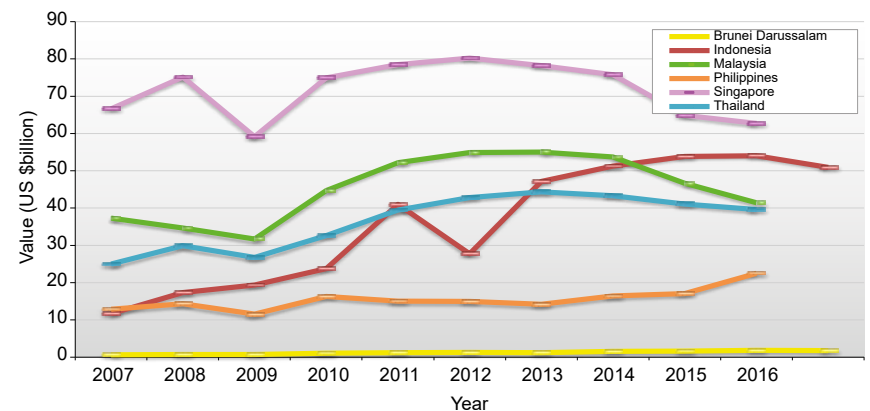
**Graph 5.16. ASEAN6: Extra-ASEAN Imports of Goods by Country, 2007-2016**



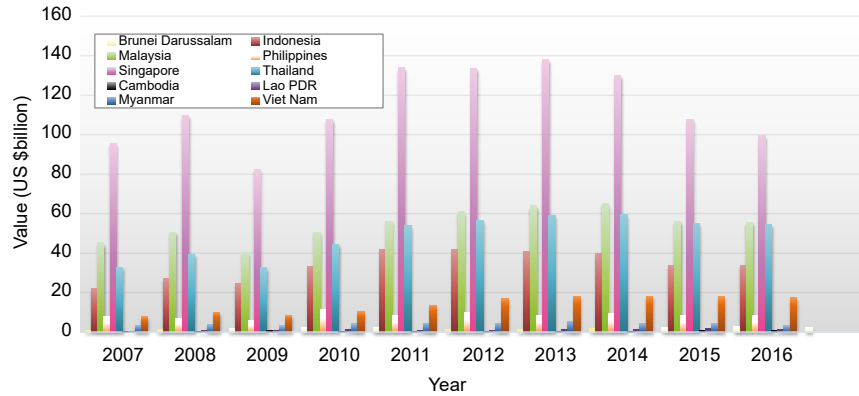
**Graph 5.17. ASEAN6: Intra-ASEAN Exports of Goods by Country, 2007-2016**



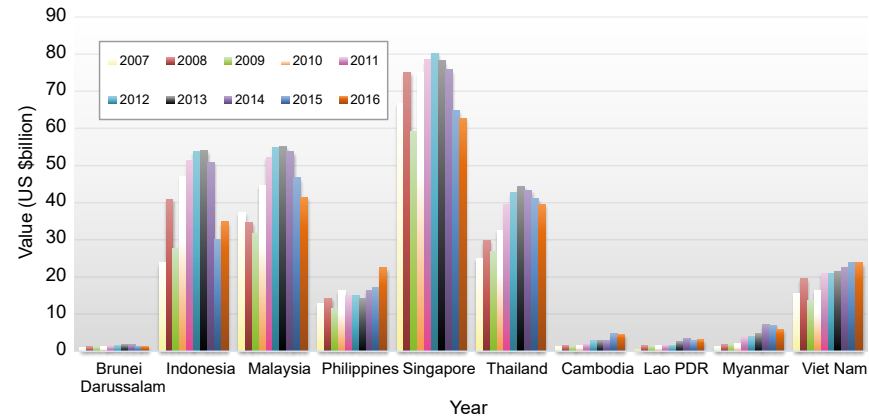
**Graph 5.18. ASEAN6: Intra-ASEAN Imports of Goods by Country, 2007-2016**



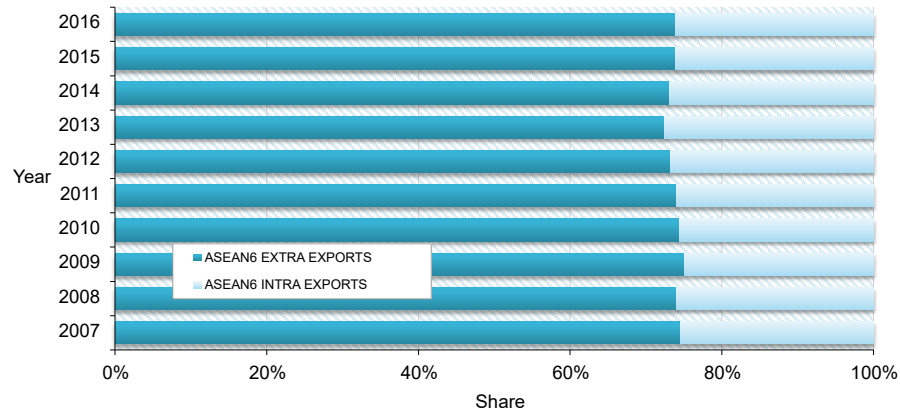
**Graph 5.19. ASEAN6: Intra-ASEAN Exports of Goods by Country, 2007-2016**



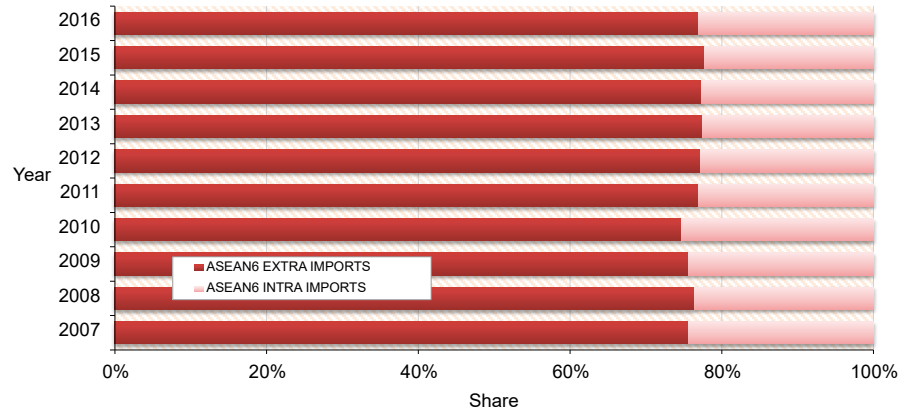
**Graph 5.20. ASEAN6: Intra-ASEAN Imports of Goods by Country, 2007-2016**



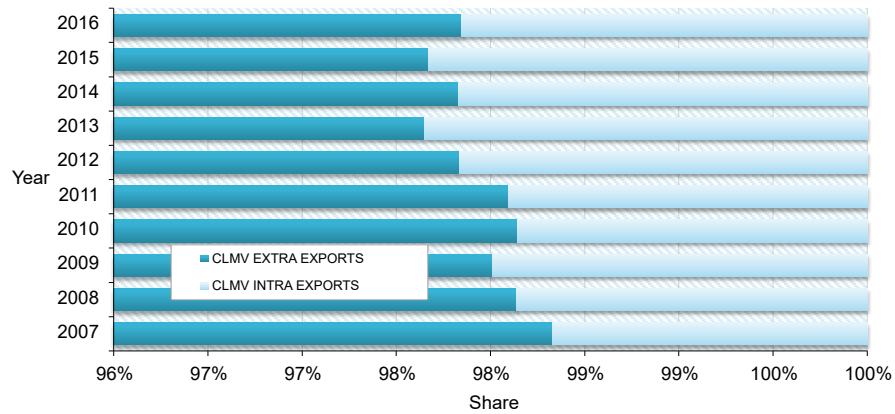
**Graph 5.21. ASEAN6: Extra and Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods, 2007-2016**



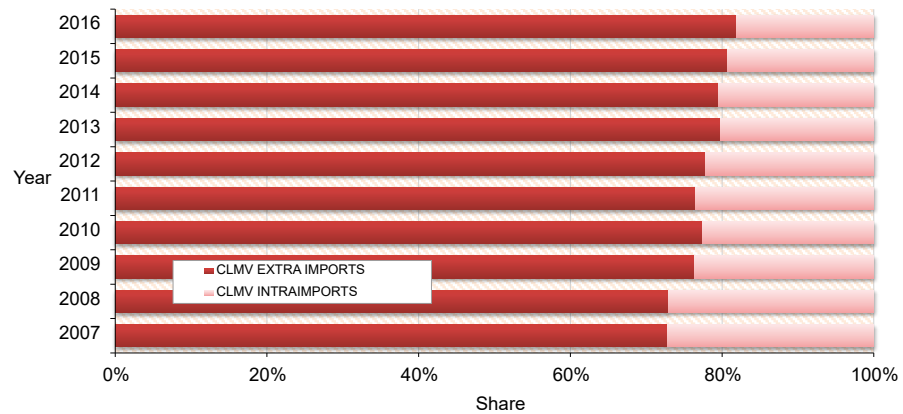
**Graph 5.22. ASEAN6: Extra and Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods, 2007-2016**



**Graph 5.23. CLMV: Extra-/Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods, 2007-2016**

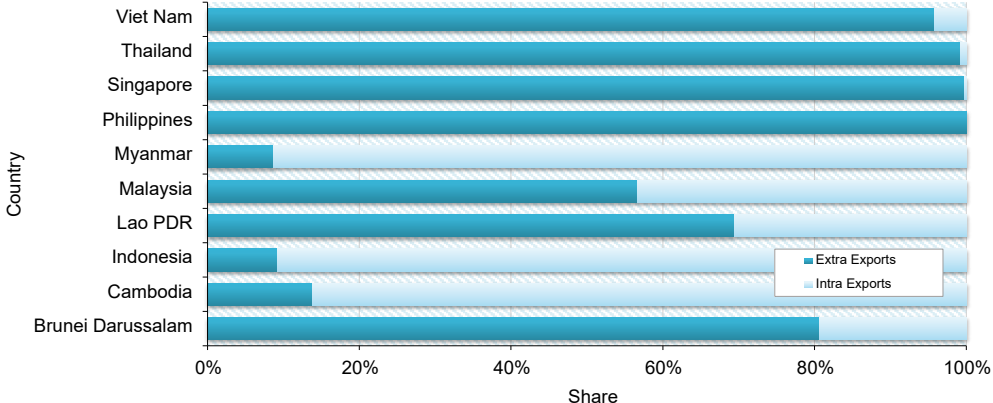


**Graph 5.24. CLMV: Extra-/Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods, 2007-2016**

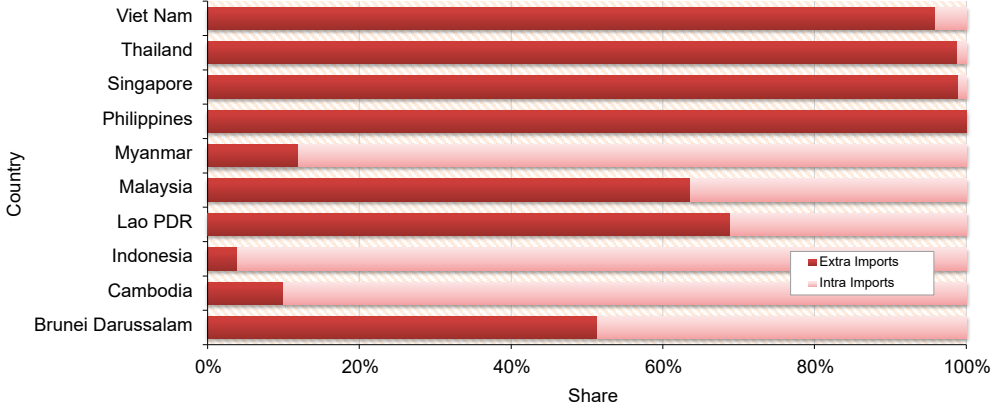




**Graph 5.25. Extra and Intra-ASEAN Exports of Goods Share to ASEAN Total Exports of Goods by Country, 2007-2016**



**Graph 5.26. Extra and Intra-ASEAN Imports of Goods Share to ASEAN Total Imports of Goods by Country, 2007-2016**



**Table 5.10. ASEAN Exports and Imports of Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>EXPORT OF GOODS</b>										
<b>ASEAN</b>	<b>217,859.2</b>	<b>251,318.0</b>	<b>200,235.7</b>	<b>264,398.2</b>	<b>316,017.7</b>	<b>327,851.2</b>	<b>338,613.3</b>	<b>330,209.4</b>	<b>287,279.3</b>	<b>276,218.7</b>
<b>Trading Partner</b>	<b>643,945.6</b>	<b>727,918.2</b>	<b>610,549.8</b>	<b>784,645.1</b>	<b>926,172.4</b>	<b>929,684.7</b>	<b>939,803.2</b>	<b>963,778.1</b>	<b>884,627.2</b>	<b>874,260.0</b>
Australia	27,562.7	34,718.0	29,048.7	37,980.5	42,716.0	46,049.4	45,296.5	45,223.0	35,790.9	32,993.5
Canada	5,273.2	5,536.3	5,491.9	6,003.0	6,763.1	6,580.3	7,240.1	7,464.7	7,182.4	7,394.2
China	77,919.2	87,489.4	81,511.2	112,576.8	140,065.5	142,540.0	153,378.5	154,012.6	145,291.4	143,518.7
EU-28	108,245.7	92,623.8	92,674.7	115,164.1	131,144.1	124,826.3	124,545.6	132,506.6	127,387.1	130,414.6
India	25,993.9	31,389.7	26,593.3	37,083.7	45,989.2	43,595.1	42,326.3	43,694.2	40,553.4	37,634.0
Japan	85,124.0	105,828.3	78,045.7	102,990.9	128,069.6	127,932.7	122,553.7	120,158.4	101,941.2	96,036.8
Republic of Korea	29,503.9	36,509.5	34,254.1	45,034.3	54,163.4	55,390.1	52,842.0	51,625.4	45,420.8	45,711.1
New Zealand	3,550.0	4,521.9	3,134.7	4,371.7	4,976.1	5,621.6	5,683.7	6,376.4	5,225.7	4,547.0
Russian Federation	2,076.1	2,734.1	1,659.4	3,417.5	4,706.2	4,878.1	5,247.7	5,414.4	4,268.9	4,782.1
USA	105,905.2	102,641.8	82,012.5	99,893.6	105,109.5	107,827.5	113,786.0	121,213.2	125,442.9	131,071.3
Rest of the World	172,791.8	223,925.4	176,123.7	220,129.0	262,469.7	264,443.7	266,903.3	276,089.1	246,122.4	240,156.6
<b>Total</b>	<b>861,804.8</b>	<b>979,236.2</b>	<b>810,785.5</b>	<b>1,049,043.3</b>	<b>1,242,190.2</b>	<b>1,257,535.9</b>	<b>1,278,416.6</b>	<b>1,293,987.5</b>	<b>1,171,906.4</b>	<b>1,150,478.7</b>
<b>IMPORT OF GOODS</b>										
<b>ASEAN</b>	<b>185,365.3</b>	<b>220,509.0</b>	<b>176,743.0</b>	<b>238,465.6</b>	<b>266,920.2</b>	<b>277,616.7</b>	<b>279,138.3</b>	<b>277,904.3</b>	<b>239,393.87</b>	<b>239,794.2</b>
<b>Trading Partner</b>	<b>566,814.9</b>	<b>701,226.8</b>	<b>550,267.5</b>	<b>713,934.1</b>	<b>889,217.9</b>	<b>945,267.2</b>	<b>975,514.3</b>	<b>963,316.6</b>	<b>861,734.5</b>	<b>846,070.4</b>
Australia	14,571.5	18,345.0	14,929.0	19,454.3	24,772.0	24,389.4	23,756.6	28,172.2	20,698.9	19,795.3
Canada	4,222.1	5,190.3	3,536.1	4,730.7	5,906.6	5,752.5	6,289.2	5,866.5	5,001.6	5,237.0
China	93,182.7	109,217.0	96,537.9	122,936.9	154,923.9	176,849.7	198,204.9	212,698.6	212,346.0	224,507.7
EU-28	67,334.4	78,002.3	78,642.0	88,716.5	108,975.2	117,854.3	121,989.1	115,672.8	100,456.4	103,146.5
India	12,404.7	17,914.7	12,577.9	19,642.1	28,242.9	27,656.9	25,943.1	24,298.9	19,497.7	20,815.2
Japan	88,144.1	108,896.9	82,910.4	115,936.5	128,341.1	136,526.4	117,877.2	108,936.3	125,105.7	105,855.6
Republic of Korea	31,746.4	41,803.7	40,467.7	56,965.0	70,586.8	76,078.0	82,022.2	79,812.9	76,872.1	78,540.2
New Zealand	2,242.9	3,306.0	2,236.7	3,237.1	4,067.0	3,665.2	4,105.3	4,329.6	3,398.3	3,352.9
Russian Federation	3,320.5	7,050.3	5,096.8	9,275.8	12,145.2	13,263.9	14,736.4	17,156.7	9,449.1	7,174.5
USA	72,272.5	82,561.2	66,655.2	81,347.5	93,000.7	91,975.9	91,527.1	90,294.7	83,559.7	80,730.1
Rest of the World	177,373.1	228,939.5	146,677.8	191,691.6	258,256.6	271,255.2	289,063.3	276,077.4	205,349.1	196,915.4
<b>Total</b>	<b>752,180.2</b>	<b>921,735.8</b>	<b>727,010.5</b>	<b>952,399.7</b>	<b>1,156,138.1</b>	<b>1,222,883.9</b>	<b>1,254,652.6</b>	<b>1,241,220.9</b>	<b>1,101,128.4</b>	<b>1,085,864.6</b>

Source:  
ASEAN Secretariat

**Table 5.11. ASEAN Balance of Trade<sup>1)</sup> in Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Trade Balance (X-M)</b>										
<b>ASEAN</b>	<b>32,493.9</b>	<b>30,809.0</b>	<b>23,492.7</b>	<b>25,932.6</b>	<b>49,097.5</b>	<b>50,234.5</b>	<b>59,475.1</b>	<b>52,305.1</b>	<b>47,885.4</b>	<b>36,424.5</b>
<b>Trading Partner</b>	<b>77,130.7</b>	<b>26,691.4</b>	<b>60,282.3</b>	<b>70,711.0</b>	<b>36,954.5</b>	<b>-15,582.5</b>	<b>-35,711.1</b>	<b>461.5</b>	<b>22,892.7</b>	<b>28,189.6</b>
Australia	12,991.2	16,373.0	14,119.7	18,526.1	17,944.1	21,660.0	21,539.9	17,050.7	15,092.0	13,198.3
Canada	1,051.1	346.0	1,955.8	1,272.3	856.6	827.8	951.0	1,598.2	2,180.9	2,157.2
China	-15,263.6	-21,727.6	-15,026.7	-10,360.1	-14,858.3	-34,309.7	-44,826.4	-58,686.0	-67,054.6	-80,989.0
EU-28	40,911.3	14,621.6	14,032.7	26,447.6	22,168.9	6,972.0	2,556.5	16,833.8	26,930.7	27,268.1
India	13,589.2	13,475.0	14,015.4	17,441.6	17,746.3	15,938.2	16,383.1	19,395.4	21,055.7	16,818.8
Japan	-3,020.1	-3,068.6	-4,864.7	-12,945.6	-271.5	-8,593.6	4,676.4	11,222.1	-23,164.5	-9,818.8
Republic of Korea	-2,242.5	-5,294.2	-6,213.6	-11,930.7	-16,423.5	-20,688.0	-29,180.3	-28,187.5	-31,451.3	-32,829.1
New Zealand	1,307.1	1,215.9	898.0	1,134.6	909.1	1,956.4	1,578.4	2,046.9	1,827.4	1,194.1
Russian Federation	-1,244.5	-4,316.2	-3,437.5	-5,858.3	-7,439.0	-8,385.8	-9,488.6	-11,742.3	-5,180.2	-2,392.4
USA	33,632.7	20,080.6	15,357.3	18,546.1	12,108.7	15,851.7	22,258.9	30,918.6	41,883.2	50,341.2
Rest of the World	-4,581.3	-5,014.1	29,446.0	28,437.3	4,213.1	-6,811.5	-22,160.1	11.7	40,773.3	43,241.2
<b>Total</b>	<b>109,624.5</b>	<b>57,500.4</b>	<b>83,775.0</b>	<b>96,643.5</b>	<b>86,052.0</b>	<b>34,652.0</b>	<b>23,764.0</b>	<b>52,766.6</b>	<b>70,778.1</b>	<b>64,614.2</b>

\* Balance of trade is the difference between the value of exports and value of imports.

Source:

ASEAN Secretariat

**Table 5.12. ASEAN6 Trade in Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>ASEAN</b>	<b>372,865.5</b>	<b>432,747.6</b>	<b>345,018.8</b>	<b>465,301.3</b>	<b>534,506.1</b>	<b>553,429.4</b>	<b>560,700.3</b>	<b>547,707.0</b>	<b>463,590.7</b>	<b>455,509.1</b>
<b>Trading Partner</b>	<b>1,113,740.8</b>	<b>1,305,045.5</b>	<b>1,044,815.0</b>	<b>1,354,853.3</b>	<b>1,629,233.3</b>	<b>1,665,204.5</b>	<b>1,662,902.0</b>	<b>1,643,035.0</b>	<b>1,426,133.0</b>	<b>1,372,915.3</b>
Australia	42,005.8	52,943.0	43,760.0	52,880.5	62,247.7	64,976.8	63,222.2	67,410.8	51,459.3	47,292.9
Canada	9,328.6	10,430.3	8,826.2	9,294.0	10,958.4	10,296.0	11,088.6	10,310.8	8,697.0	8,813.3
China	153,836.1	174,405.8	154,410.4	205,341.1	254,811.4	271,339.6	290,721.4	293,743.1	274,392.2	278,924.4
EU-28	160,404.9	153,191.6	155,204.8	184,697.7	213,538.0	211,029.0	209,217.1	207,671.7	182,018.3	182,768.9
India	37,444.1	48,323.1	37,960.7	52,785.8	68,988.3	65,808.5	61,555.2	60,805.0	53,327.7	50,700.9
Japan	160,481.7	197,436.5	146,520.6	201,462.1	234,032.0	238,016.8	212,769.0	200,298.1	195,468.3	168,853.6
Republic of Korea	60,848.8	78,000.9	65,248.6	88,491.4	105,771.3	109,288.7	105,393.7	101,557.8	84,424.3	79,394.5
New Zealand	5,780.0	7,811.1	5,364.6	7,116.8	8,487.9	8,700.9	9,047.8	9,887.7	7,889.4	7,152.7
Russian Federation	5,382.6	9,755.1	6,713.2	10,828.4	14,766.8	15,621.6	17,083.2	19,949.5	11,460.3	9,120.2
USA	164,235.6	168,419.3	132,642.6	161,142.3	174,165.3	173,409.2	173,829.1	173,759.8	165,133.0	161,907.3
Rest of the World	313,992.7	404,328.8	288,163.3	380,813.1	481,466.2	496,717.5	508,974.5	497,640.7	391,863.3	377,986.6
<b>Total</b>	<b>1,486,606.3</b>	<b>1,737,793.0</b>	<b>1,389,833.9</b>	<b>1,820,154.6</b>	<b>2,163,739.5</b>	<b>2,218,633.9</b>	<b>2,223,602.3</b>	<b>2,190,742.0</b>	<b>1,889,723.7</b>	<b>1,828,424.4</b>

Source:  
ASEAN Secretariat

Note:  
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand.

**Table 5.13. CLMV Trade in Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>ASEAN</b>	<b>25,599.7</b>	<b>33,184.0</b>	<b>30,234.0</b>	<b>36,458.4</b>	<b>42,286.7</b>	<b>45,229.1</b>	<b>50,884.8</b>	<b>58,938.9</b>	<b>64,627.9</b>	<b>63,557.9</b>
<b>Trading Partner</b>	<b>97,019.7</b>	<b>124,099.6</b>	<b>116,002.2</b>	<b>143,725.9</b>	<b>186,157.1</b>	<b>209,747.4</b>	<b>252,415.6</b>	<b>284,059.6</b>	<b>320,228.7</b>	<b>347,415.1</b>
Australia	128.4	120.0	217.7	4,554.3	5,240.3	5,462.1	5,830.9	5,984.4	5,030.5	5,495.9
Canada	166.7	296.3	201.8	1,439.7	1,711.3	2,036.7	2,440.7	3,020.3	3,487.1	3,817.9
China	17,265.9	22,300.6	23,638.7	30,172.5	40,177.9	48,050.0	60,862.0	72,968.1	83,245.2	89,102.0
EU-28	15,175.2	17,434.6	16,111.8	19,182.9	26,581.3	31,651.6	37,317.5	40,507.7	45,825.2	50,792.2
India	954.5	981.4	1,210.5	3,940.0	5,243.7	5,443.5	6,714.2	7,188.1	6,723.4	7,748.3
Japan	12,786.3	17,288.7	14,435.5	17,465.2	22,378.7	26,442.2	27,661.9	28,796.6	31,578.6	33,038.8
Republic of Korea	401.5	312.3	9,473.2	13,507.9	18,978.9	22,179.4	29,470.4	29,880.5	37,868.6	44,856.9
New Zealand	13.0	16.8	6.9	492.1	555.2	585.9	741.2	818.4	734.6	747.2
Russian Federation	14.0	29.2	43.0	1,865.0	2,084.7	2,520.4	2,900.9	2,621.6	2,257.6	2,836.4
USA	13,942.2	16,783.7	16,025.0	20,098.8	23,944.9	26,394.2	31,484.0	37,748.2	43,869.6	49,894.1
Rest of the World	36,172.2	48,536.1	34,638.2	31,007.5	39,260.1	38,981.4	46,992.1	54,525.7	59,608.3	59,085.5
<b>Total</b>	<b>122,619.4</b>	<b>157,283.6</b>	<b>146,236.2</b>	<b>180,184.3</b>	<b>228,443.8</b>	<b>254,976.5</b>	<b>303,300.4</b>	<b>342,998.5</b>	<b>384,856.6</b>	<b>410,973.0</b>

Source:  
ASEAN Secretariat

Note:  
ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand.

**Table 5.14. ASEAN6 Exports and Imports in Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>EXPORT</b>										
<b>ASEAN</b>	<b>206,217.2</b>	<b>236,533.7</b>	<b>186,842.5</b>	<b>248,387.8</b>	<b>296,479.2</b>	<b>305,140.7</b>	<b>313,103.3</b>	<b>305,835.9</b>	<b>262,485.7</b>	<b>253,160.8</b>
<b>Trading Partner</b>	<b>597,077.8</b>	<b>669,117.8</b>	<b>554,687.5</b>	<b>714,813.1</b>	<b>834,367.3</b>	<b>822,754.3</b>	<b>811,762.7</b>	<b>819,708.6</b>	<b>724,258.9</b>	<b>696,036.3</b>
Australia	27,484.3	34,643.2	28,909.6	34,959.5	39,685.7	42,482.0	41,154.1	41,426.9	32,860.7	30,041.2
Canada	5,111.2	5,244.4	5,294.4	4,921.5	5,407.2	5,023.5	5,220.3	4,856.8	4,186.4	4,046.9
China	74,061.9	82,470.6	76,132.0	104,720.4	128,402.8	128,123.9	136,525.7	134,073.0	122,674.8	115,075.0
EU-28	98,255.1	80,831.7	82,441.9	102,582.3	112,790.6	102,615.0	97,299.0	101,586.3	92,568.2	91,697.5
India	25,250.4	30,647.6	25,626.7	35,126.1	43,449.9	40,761.8	38,992.2	40,388.3	37,076.8	33,794.4
Japan	78,829.2	97,109.2	71,499.4	94,928.9	116,777.4	114,317.1	108,016.0	104,746.7	86,740.9	79,818.3
Republic of Korea	29,424.6	36,416.1	32,132.9	41,791.2	49,194.9	49,524.4	45,750.6	44,052.8	36,069.9	33,828.0
New Zealand	3,543.3	4,511.4	3,132.6	4,246.6	4,821.5	5,435.0	5,404.3	6,053.7	4,891.9	4,177.3
Russian Federation	2,066.9	2,720.8	1,647.8	2,566.0	3,367.5	3,203.7	3,275.0	3,623.9	2,786.6	3,111.9
USA	93,682.8	88,789.8	69,065.7	83,702.8	86,024.1	86,584.9	87,843.9	90,481.2	89,710.0	90,296.5
Rest of the World	159,368.1	205,733.1	158,804.5	205,267.9	244,445.8	244,682.9	242,281.7	248,419.0	214,692.8	210,149.3
<b>Total</b>	<b>803,295.1</b>	<b>905,651.5</b>	<b>741,530.0</b>	<b>963,200.9</b>	<b>1,130,846.5</b>	<b>1,127,895.0</b>	<b>1,124,866.0</b>	<b>1,125,544.5</b>	<b>986,744.6</b>	<b>949,197.0</b>
<b>IMPORT</b>										
<b>ASEAN</b>	<b>166,648.3</b>	<b>196,213.8</b>	<b>158,176.3</b>	<b>216,913.4</b>	<b>238,027.0</b>	<b>248,288.7</b>	<b>247,597.0</b>	<b>241,871.1</b>	<b>201,105.0</b>	<b>202,348.4</b>
<b>Trading Partner</b>	<b>516,663.0</b>	<b>635,927.7</b>	<b>490,127.5</b>	<b>640,040.2</b>	<b>794,866.0</b>	<b>842,450.2</b>	<b>851,139.3</b>	<b>823,326.4</b>	<b>701,874.1</b>	<b>676,879.0</b>
Australia	14,521.5	18,299.9	14,850.4	17,921.0	22,562.0	22,494.8	22,068.1	25,983.9	18,598.6	17,251.7
Canada	4,217.5	5,185.9	3,531.8	4,372.6	5,551.2	5,272.5	5,868.3	5,454.0	4,510.6	4,766.4
China	79,774.1	91,935.2	78,278.5	100,620.7	126,408.7	143,215.7	154,195.8	159,670.1	151,717.4	163,849.4
EU-28	62,149.8	72,359.9	72,762.9	82,115.4	100,747.4	108,414.0	111,918.1	106,085.4	89,450.1	91,071.5
India	12,193.7	17,675.5	12,334.0	17,659.8	25,538.5	25,046.7	22,563.1	20,416.7	16,250.9	16,906.6
Japan	81,652.5	100,327.3	75,021.1	106,533.2	117,254.6	123,699.7	104,753.0	95,551.5	108,727.4	89,035.2
Republic of Korea	31,424.2	41,584.9	33,115.7	46,700.3	56,576.3	59,764.3	59,643.1	57,505.0	48,354.4	45,566.5
New Zealand	2,236.6	3,299.7	2,232.0	2,870.3	3,666.4	3,265.9	3,643.5	3,834.0	2,997.4	2,975.4
Russian Federation	3,315.7	7,034.3	5,065.4	8,262.3	11,399.3	12,417.9	13,808.3	16,325.6	8,673.8	6,008.3
USA	70,552.8	79,629.5	63,576.9	77,439.6	88,141.2	86,824.3	85,985.3	83,278.5	75,423.0	71,610.9
Rest of the World	154,624.6	198,595.7	129,358.8	175,545.3	237,020.4	252,034.7	266,692.9	249,221.7	177,170.5	167,837.3
<b>Total</b>	<b>683,311.3</b>	<b>832,141.5</b>	<b>648,303.9</b>	<b>856,953.7</b>	<b>1,032,892.9</b>	<b>1,090,738.9</b>	<b>1,098,736.3</b>	<b>1,065,197.5</b>	<b>902,979.1</b>	<b>879,227.4</b>

Source:  
ASEAN Secretariat

**Table 5.15. CLMV Exports and Imports of Goods by Trading Partners, 2007-2016**

(in US\$ Million)

Trading Partner	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>EXPORT</b>										
<b>ASEAN</b>	<b>6,882.7</b>	<b>8,888.9</b>	<b>11,667.4</b>	<b>14,906.2</b>	<b>13,393.5</b>	<b>15,901.1</b>	<b>19,343.5</b>	<b>22,905.6</b>	<b>26,339.0</b>	<b>26,112.1</b>
<b>Trading Partner</b>	<b>46,867.8</b>	<b>58,800.5</b>	<b>55,862.3</b>	<b>69,832.0</b>	<b>91,805.1</b>	<b>106,930.4</b>	<b>128,040.6</b>	<b>144,069.5</b>	<b>160,368.2</b>	<b>178,223.8</b>
Australia	78.4	74.9	139.1	3,021.0	3,030.3	3,567.4	4,142.4	3,796.1	2,930.2	2,952.3
Canada	162.1	291.9	197.5	1,081.6	1,355.9	1,556.7	2,019.8	2,607.9	2,996.1	3,347.4
China	3,857.3	5,018.8	5,379.3	7,856.4	11,662.7	14,416.0	16,852.9	19,939.6	22,616.6	28,443.7
EU-28	9,990.6	11,792.1	10,232.8	12,581.8	18,353.5	22,211.3	27,246.6	30,920.3	34,818.9	38,717.2
India	743.5	742.1	966.6	1,957.6	2,539.3	2,833.3	3,334.1	3,305.9	3,476.6	3,839.7
Japan	6,294.8	8,719.1	6,546.3	8,061.9	11,292.3	13,615.6	14,537.6	15,411.7	15,200.3	16,218.5
Republic of Korea	79.3	93.5	2,121.1	3,243.2	4,968.4	5,865.6	7,091.3	7,572.6	9,350.9	11,883.1
New Zealand	6.7	10.5	2.2	125.2	154.6	186.6	279.4	322.8	333.8	369.7
Russian Federation	9.1	13.3	11.6	851.5	1,338.7	1,674.4	1,972.8	1,790.5	1,482.3	1,670.2
USA	12,222.5	13,852.0	12,946.8	16,190.9	19,085.4	21,242.6	25,942.1	30,732.0	35,732.9	40,774.9
Rest of the World	13,423.7	18,192.3	17,319.2	14,861.1	18,023.9	19,760.8	24,621.6	27,670.1	31,429.7	30,007.3
<b>Total</b>	<b>53,750.5</b>	<b>67,689.3</b>	<b>67,529.6</b>	<b>84,738.3</b>	<b>105,198.6</b>	<b>122,831.5</b>	<b>147,384.1</b>	<b>166,975.1</b>	<b>186,707.3</b>	<b>204,335.9</b>
<b>IMPORT</b>										
<b>ASEAN</b>	<b>18,717.0</b>	<b>24,295.1</b>	<b>18,566.7</b>	<b>21,552.2</b>	<b>28,893.3</b>	<b>29,328.0</b>	<b>31,541.3</b>	<b>36,033.3</b>	<b>38,288.9</b>	<b>37,445.8</b>
<b>Trading Partner</b>	<b>50,151.9</b>	<b>65,299.2</b>	<b>60,139.9</b>	<b>73,893.9</b>	<b>94,352.0</b>	<b>102,817.0</b>	<b>124,375.0</b>	<b>139,990.2</b>	<b>159,860.5</b>	<b>169,191.4</b>
Australia	50.0	45.2	78.6	1,533.3	2,209.9	1,894.7	1,688.5	2,188.3	2,100.3	2,543.6
Canada	4.7	4.3	4.3	358.2	355.4	480.0	420.8	412.5	491.0	470.6
China	13,408.6	17,281.8	18,259.4	22,316.2	28,515.2	33,634.0	44,009.1	53,028.5	60,628.6	60,658.4
EU-28	5,184.6	5,642.5	5,879.0	6,601.1	8,227.8	9,440.3	10,071.0	9,587.4	11,006.2	12,075.0
India	211.0	239.2	243.9	1,982.4	2,704.4	2,610.2	3,380.1	3,882.2	3,246.8	3,908.6
Japan	6,491.5	8,569.6	7,889.3	9,403.3	11,086.5	12,826.6	13,124.3	13,384.9	16,378.3	16,820.4
Republic of Korea	322.2	218.8	7,352.0	10,264.8	14,010.5	16,313.8	22,379.1	22,307.9	28,517.7	32,973.8
New Zealand	6.3	6.3	4.7	366.9	400.6	399.3	461.8	495.6	400.9	377.5
Russian Federation	4.9	16.0	31.4	1,013.5	746.0	846.0	928.1	831.2	775.3	1,166.2
USA	1,719.7	2,931.7	3,078.3	3,908.0	4,859.5	5,151.6	5,541.8	7,016.2	8,136.7	9,119.3
Rest of the World	22,748.6	30,343.8	17,319.0	16,146.4	21,236.2	19,220.6	22,370.5	26,855.7	28,178.6	29,078.2
<b>Total</b>	<b>68,868.9</b>	<b>89,594.3</b>	<b>78,706.6</b>	<b>95,446.0</b>	<b>123,245.2</b>	<b>132,145.0</b>	<b>155,916.3</b>	<b>176,023.4</b>	<b>198,149.3</b>	<b>206,637.2</b>

Source:  
ASEAN Secretariat

**Table 5.16. ASEAN Top Ten Destinations of Exports of Goods, 2015-2016**

2015		
Country	Value	Share
ASEAN	287,279.3	24.5
China (People's Republic of)	145,291.4	12.4
EU-28	127,387.1	10.9
United States	125,442.9	10.7
Japan	101,941.2	8.7
Hong Kong	78,098.0	6.7
Korea, Republic of	45,420.8	3.9
India	40,553.4	3.5
Australia	35,790.9	3.1
Taiwan	33,627.1	2.9
<b>Top Ten Countries</b>	<b>1,020,832.1</b>	<b>87.1</b>
<b>Others</b>	<b>151,074.3</b>	<b>12.9</b>
<b>TOTAL</b>	<b>1,171,906.4</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016		
Country	Value	Share
ASEAN	276,218.7	24.0
China (People's Republic of)	143,518.7	12.5
United states	131,071.3	11.4
EU-28	130,414.6	11.3
Japan	96,036.8	8.3
Hong Kong	79,061.5	6.9
Korea, Republic of	45,711.1	4.0
India	37,634.0	3.3
Australia	32,993.5	2.9
Taiwan	31,374.1	2.7
<b>Top Ten Countries</b>	<b>1,004,034.5</b>	<b>87.3</b>
<b>Others</b>	<b>146,444.2</b>	<b>12.7</b>
<b>TOTAL</b>	<b>1,150,478.7</b>	<b>100.0</b>

**Table 5.17. ASEAN Top Ten Origins of Imports of Goods, 2015-2016**

2015		
Country	Value	Share
ASEAN	239,393.9	21.7
China (People's Republic of)	212,346.0	19.3
Japan	125,105.7	11.4
EU-28	100,456.4	9.1
United states	83,559.7	7.6
Korea, Republic of	76,872.1	7.0
Taiwan	61,632.2	5.6
Germany	28,843.1	2.6
United Arab Emirates	22,117.5	2.0
Australia	20,698.9	1.9
<b>Top Ten Countries</b>	<b>971,025.4</b>	<b>88.2</b>
<b>Others</b>	<b>130,103.0</b>	<b>11.8</b>
<b>TOTAL</b>	<b>1,101,128.4</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016		
Country	Value	Share
ASEAN	239,794.2	22.1
China (People's Republic of)	224,507.7	20.7
Japan	105,855.6	9.7
EU-28	103,146.5	9.5
United states	80,730.1	7.4
Korea, Republic of	78,540.2	7.2
Taiwan	60,775.3	5.6
Germany	28,680.2	2.6
India	20,815.2	1.9
Saudi Arabia	20,607.5	1.9
<b>Top Ten Countries</b>	<b>963,452.4</b>	<b>88.7</b>
<b>Others</b>	<b>122,412.1</b>	<b>11.3</b>
<b>TOTAL</b>	<b>1,085,864.5</b>	<b>100.0</b>

**Table 5.18. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television i	289,648.5	24.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxe	135,590.6	11.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	134,122.7	11.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	41,574.1	3.5
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with pre	39,158.3	3.3
39	Plastics and articles thereof	38,051.8	3.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instrum	34,013.8	2.9
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vege	33,307.3	2.8
40	Rubber and articles thereof	29,232.8	2.5
29	Organic chemicals	26,280.6	2.2
<b>Top Ten Commodities</b>		<b>800,980.4</b>	<b>68.3</b>
<b>Others</b>		<b>370,926.0</b>	<b>31.7</b>
<b>Total</b>		<b>1,171,906.4</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television i	294,199.6	25.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	131,007.0	11.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxe	109,684.4	9.5
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with pre	42,697.0	3.7
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	42,517.0	3.7
39	Plastics and articles thereof	37,307.5	3.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instrum	35,631.2	3.1
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vege	32,716.7	2.8
40	Rubber and articles thereof	28,744.2	2.5
29	Organic chemicals	25,921.4	2.3
<b>Top Ten Commodities</b>		<b>780,426.0</b>	<b>67.8</b>
<b>Others</b>		<b>370,052.7</b>	<b>32.2</b>
<b>Total</b>		<b>1,150,478.7</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television i	248,744.6	22.6	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television i	254,595.0	23.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxe	162,203.7	14.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	142,559.7	13.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	145,013.0	13.2	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxe	131,632.4	12.1
39	Plastics and articles thereof	41,309.0	3.8	39	Plastics and articles thereof	43,566.2	4.0
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	39,382.2	3.6	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	42,370.7	3.9
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with pre	36,980.6	3.4	72	Iron and steel	35,837.6	3.3
72	Iron and steel	35,481.1	3.2	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with pre	34,387.7	3.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instrum	27,458.0	2.5	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instrum	30,407.5	2.8
73	Articles of iron or steel	23,162.0	2.1	73	Articles of iron or steel	21,028.2	1.9
29	Organic chemicals	21,988.4	2.0	29	Organic chemicals	20,645.5	1.9
<b>Top Ten Commodities</b>		<b>781,722.7</b>	<b>71.0</b>	<b>Top Ten Commodities</b>		<b>757,030.4</b>	<b>69.7</b>
<b>Others</b>		<b>319,405.7</b>	<b>29.0</b>	<b>Others</b>		<b>328,834.1</b>	<b>30.3</b>
<b>Total</b>		<b>1,101,128.4</b>	<b>100.0</b>	<b>Total</b>		<b>1,085,864.5</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	60,129.9	20.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	57,384.2	20.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	34,891.6	12.1
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	12,741.2	4.4
39	Plastics and articles thereof	12,365.7	4.3
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	10,334.2	3.6
29	Organic chemicals	6,183.6	2.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	6,153.2	2.1
73	Articles of iron or steel	4,858.4	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,034.7	1.4
<b>Top Ten Commodities</b>		<b>209,076.8</b>	<b>72.8</b>
<b>Others</b>		<b>78,202.5</b>	<b>27.2</b>
<b>Total</b>		<b>287,279.3</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	60,883.4	22.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	47,591.7	17.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	34,145.3	12.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	13,850.7	5.0
39	Plastics and articles thereof	12,314.8	4.5
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,653.8	3.5
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,926.7	2.1
29	Organic chemicals	5,339.8	1.9
73	Articles of iron or steel	4,297.3	1.6
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,026.8	1.5
<b>Top Ten Commodities</b>		<b>198,030.4</b>	<b>71.7</b>
<b>Others</b>		<b>78,188.3</b>	<b>28.3</b>
<b>Total</b>		<b>276,218.7</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	54,402.3	22.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	52,825.2	22.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	26,035.5	10.9
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	10,695.5	4.5
39	Plastics and articles thereof	9,609.8	4.0
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	6,527.3	2.7
29	Organic chemicals	4,834.8	2.0
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,435.7	1.9
73	Articles of iron or steel	3,916.2	1.6
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	3,767.0	1.6
<b>Top Ten Commodities</b>		<b>177,049.3</b>	<b>74.0</b>
<b>Others</b>		<b>62,344.5</b>	<b>26.0</b>
<b>Total</b>		<b>239,393.9</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	54,157.7	22.6
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	46,436.1	19.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	26,142.2	10.9
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	13,565.7	5.7
39	Plastics and articles thereof	10,294.6	4.3
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	8,099.4	3.4
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,775.9	2.0
29	Organic chemicals	4,721.5	2.0
73	Articles of iron or steel	3,976.8	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	3,636.6	1.5
<b>Top Ten Commodities</b>		<b>175,806.5</b>	<b>73.3</b>
<b>Others</b>		<b>63,987.7</b>	<b>26.7</b>
<b>Total</b>		<b>239,794.2</b>	<b>100.0</b>

**Table 5.22. Top Ten Exports of Goods of ASEAN to Australia by 2-digit HS Code, 2015-2016**

2015			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,496.5	20.9
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,071.8	14.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,717.5	13.2
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	3,017.9	8.4
73	Articles of iron or steel	2,894.6	8.1
39	Plastics and articles thereof	1,219.6	3.4
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	839.1	2.3
21	Miscellaneous edible preparations	711.5	2.0
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	571.2	1.6
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	556.8	1.6
<b>Top Ten Commodities</b>		<b>27,096.4</b>	<b>75.7</b>
<b>Others</b>		<b>8,694.5</b>	<b>24.3</b>
<b>Total</b>		<b>35,790.9</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,354.2	19.3
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,612.8	17.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,748.4	11.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	2,856.2	8.7
73	Articles of iron or steel	1,467.9	4.4
39	Plastics and articles thereof	1,151.6	3.5
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,070.5	3.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	895.4	2.7
21	Miscellaneous edible preparations	663.6	2.0
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	559.0	1.7
<b>Top Ten Commodities</b>		<b>24,379.7</b>	<b>73.9</b>
<b>Others</b>		<b>8,613.8</b>	<b>26.1</b>
<b>Total</b>		<b>32,993.5</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,635.5	17.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,646.9	18.4
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,999.6	14.5	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,842.3	9.3
10	Cereals	1,837.7	8.9	10	Cereals	1,790.8	9.0
75	Nickel and articles thereof	1,167.7	5.6	01	Live animals	970.0	4.9
01	Live animals	957.5	4.6	02	Meat and edible meat offal	891.4	4.5
02	Meat and edible meat offal	745.2	3.6	74	Copper and articles thereof	750.4	3.8
74	Copper and articles thereof	741.9	3.6	75	Nickel and articles thereof	682.5	3.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	737.2	3.6	76	Aluminium and articles thereof	669.3	3.4
76	Aluminium and articles thereof	714.9	3.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	665.8	3.4
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	615.5	3.0	28	Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	640.1	3.2
<b>Top Ten Commodities</b>		<b>14,152.5</b>	<b>68.4</b>	<b>Top Ten Commodities</b>		<b>12,549.5</b>	<b>63.4</b>
<b>Others</b>		<b>6,546.4</b>	<b>31.6</b>	<b>Others</b>		<b>7,245.7</b>	<b>36.6</b>
<b>Total</b>		<b>20,698.9</b>	<b>100.0</b>	<b>Total</b>		<b>19,795.3</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
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, and parts and accessories of such articles	1,538.7	21.4	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,778.9	24.1
61	Articles of apparel and clothing accessories, knitted or crocheted	895.5	12.5	61	Articles of apparel and clothing accessories, knitted or crocheted	910.6	12.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	568.4	7.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	578.8	7.8
62	Articles of apparel and clothing accessories, not knitted or crocheted	435.6	6.1	62	Articles of apparel and clothing accessories, not knitted or crocheted	433.9	5.9
40	Rubber and articles thereof	348.5	4.9	64	Footwear, gaiters and the like; parts of such articles	380.9	5.2
64	Footwear, gaiters and the like; parts of such articles	331.1	4.6	40	Rubber and articles thereof	326.2	4.4
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	290.8	4.0	16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	297.6	4.0
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	287.0	4.0	94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	251.4	3.4
03	Fish and crustaceans, molluscs and other aquatic invertebrates	208.6	2.9	03	Fish and crustaceans, molluscs and other aquatic invertebrates	228.6	3.1
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	154.7	2.2	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	145.1	2.0
<b>Top Ten Commodities</b>		<b>5,058.8</b>	<b>70.4</b>	<b>Top Ten Commodities</b>		<b>5,331.9</b>	<b>72.1</b>
<b>Others</b>		<b>2,123.6</b>	<b>29.6</b>	<b>Others</b>		<b>2,062.3</b>	<b>27.9</b>
<b>Total</b>		<b>7,182.4</b>	<b>100.0</b>	<b>Total</b>		<b>7,394.2</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
31	Fertilisers	688.6	13.8	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	713.3	13.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	659.3	13.2	31	Fertilisers	648.8	12.4
10	Cereals	636.1	12.7	10	Cereals	568.8	10.9
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	395.0	7.9	47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	464.8	8.9
47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	363.5	7.3	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	349.0	6.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	349.9	7.0	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	323.3	6.2
88	Aircraft, spacecraft, and parts thereof	209.1	4.2	88	Aircraft, spacecraft, and parts thereof	199.2	3.8
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	205.9	4.1	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	173.7	3.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	167.3	3.3	44	Wood and articles of wood; wood charcoal	155.7	3.0
39	Plastics and articles thereof	100.7	2.0	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	155.4	3.0
<b>Top Ten Commodities</b>		<b>3,775.3</b>	<b>75.5</b>	<b>Top Ten Commodities</b>		<b>3,751.9</b>	<b>71.6</b>
<b>Others</b>		<b>1,226.3</b>	<b>24.5</b>	<b>Others</b>		<b>1,485.1</b>	<b>28.4</b>
<b>Total</b>		<b>5,001.6</b>	<b>100.0</b>	<b>Total</b>		<b>5,237.0</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

**Table 5.26. Top Ten Exports of Goods of ASEAN to China by 2-digit HS Code, 2015-2016**

2015				2016			
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, and parts and accessories of such articles	40,670.2	28.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	38,475.0	26.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	15,979.5	11.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	15,630.6	10.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	13,482.4	9.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	12,693.7	8.8
39	Plastics and articles thereof	9,023.6	6.2	39	Plastics and articles thereof	8,487.7	5.9
40	Rubber and articles thereof	7,057.1	4.9	40	Rubber and articles thereof	7,097.5	4.9
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,355.9	3.7	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	6,725.5	4.7
29	Organic chemicals	4,983.7	3.4	29	Organic chemicals	4,743.0	3.3
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,626.3	3.2	15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,270.5	3.0
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	4,607.9	3.2	44	Wood and articles of wood; wood charcoal	3,259.8	2.3
26	Ores, slag and ash	3,398.5	2.3	26	Ores, slag and ash	3,225.7	2.2
<b>Top Ten Commodities</b>		<b>109,185.2</b>	<b>75.1</b>	<b>Top Ten Commodities</b>		<b>104,609.0</b>	<b>72.9</b>
<b>Others</b>		<b>36,106.2</b>	<b>24.9</b>	<b>Others</b>		<b>38,909.7</b>	<b>27.1</b>
<b>Total</b>		<b>145,291.4</b>	<b>100.0</b>	<b>Total</b>		<b>143,518.7</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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



**Table V.27. Top Ten Imports of Goods of ASEAN from China by 2-digit HS Code, 2015-2016**

2015				2016			
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, and parts and accessories of such articles	63,512.3	29.9	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	64,575.3	28.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	37,924.4	17.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,284.3	17.5
72	Iron and steel	13,145.4	6.2	72	Iron and steel	14,747.4	6.6
73	Articles of iron or steel	7,968.4	3.8	39	Plastics and articles thereof	8,070.1	3.6
39	Plastics and articles thereof	6,678.2	3.1	73	Articles of iron or steel	7,542.3	3.4
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,573.2	3.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,513.9	3.3
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,528.9	2.6	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,056.2	2.3
29	Organic chemicals	4,054.8	1.9	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,560.8	2.0
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	3,979.4	1.9	29	Organic chemicals	4,298.2	1.9
76	Aluminium and articles thereof	3,912.0	1.8	76	Aluminium and articles thereof	4,225.1	1.9
<b>Top Ten Commodities</b>		<b>153,276.9</b>	<b>72.2</b>	<b>Top Ten Commodities</b>		<b>159,873.5</b>	<b>71.2</b>
<b>Others</b>		<b>59,069.1</b>	<b>27.8</b>	<b>Others</b>		<b>64,634.2</b>	<b>28.8</b>
<b>Total</b>		<b>212,346.0</b>	<b>100.0</b>	<b>Total</b>		<b>224,507.7</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	34,066.8	26.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	17,811.5	14.0
64	Footwear, gaiters and the like; parts of such articles	6,349.2	5.0
29	Organic chemicals	5,517.5	4.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,109.0	4.0
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,927.9	3.9
61	Articles of apparel and clothing accessories, knitted or crocheted	4,629.8	3.6
62	Articles of apparel and clothing accessories, not knitted or crocheted	4,017.8	3.2
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	3,861.6	3.0
40	Rubber and articles thereof	3,853.7	3.0
<b>Top Ten Commodities</b>		<b>90,144.7</b>	<b>70.8</b>
<b>Others</b>		<b>37,242.4</b>	<b>29.2</b>
<b>Total</b>		<b>127,387.1</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	35,913.7	27.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,720.6	12.8
29	Organic chemicals	6,689.6	5.1
64	Footwear, gaiters and the like; parts of such articles	6,552.2	5.0
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,607.0	4.3
61	Articles of apparel and clothing accessories, knitted or crocheted	5,178.8	4.0
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,867.7	3.7
62	Articles of apparel and clothing accessories, not knitted or crocheted	4,249.3	3.3
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	4,101.5	3.1
40	Rubber and articles thereof	3,755.4	2.9
<b>Top Ten Commodities</b>		<b>93,635.9</b>	<b>71.8</b>
<b>Others</b>		<b>36,778.7</b>	<b>28.2</b>
<b>Total</b>		<b>130,414.6</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,307.6	20.2	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,071.4	20.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	16,114.3	16.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	15,979.1	15.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,088.0	5.1	88	Aircraft, spacecraft, and parts thereof	6,287.4	6.1
30	Pharmaceutical products	5,053.5	5.0	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,551.1	5.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,036.8	5.0	30	Pharmaceutical products	5,234.6	5.1
88	Aircraft, spacecraft, and parts thereof	4,987.1	5.0	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,224.9	5.1
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,705.3	4.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,509.6	3.4
39	Plastics and articles thereof	2,665.8	2.7	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,748.6	2.7
22	Beverages, spirits and vinegar	2,496.4	2.5	39	Plastics and articles thereof	2,663.9	2.6
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,356.6	2.3	22	Beverages, spirits and vinegar	2,428.9	2.4
<b>Top Ten Commodities</b>		<b>68,811.4</b>	<b>68.5</b>	<b>Top Ten Commodities</b>		<b>70,699.5</b>	<b>68.5</b>
<b>Others</b>		<b>31,645.0</b>	<b>31.5</b>	<b>Others</b>		<b>32,447.0</b>	<b>31.5</b>
<b>Total</b>		<b>100,456.4</b>	<b>100.0</b>	<b>Total</b>		<b>103,146.5</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,704.9	19.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,070.8	16.1
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	5,496.1	13.6	15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	5,305.1	14.1
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	5,088.0	12.5	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	5,178.7	13.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,430.6	10.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,074.9	10.8
29	Organic chemicals	2,075.6	5.1	39	Plastics and articles thereof	1,791.1	4.8
39	Plastics and articles thereof	1,867.2	4.6	29	Organic chemicals	1,781.0	4.7
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,389.7	3.4	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	964.7	2.6
40	Rubber and articles thereof	947.6	2.3	40	Rubber and articles thereof	943.8	2.5
26	Ores, slag and ash	895.1	2.2	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	940.0	2.5
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	837.5	2.1	74	Copper and articles thereof	828.4	2.2
<b>Top Ten Commodities</b>		<b>30,732.2</b>	<b>75.8</b>	<b>Top Ten Commodities</b>		<b>27,878.5</b>	<b>74.1</b>
<b>Others</b>		<b>9,821.2</b>	<b>24.2</b>	<b>Others</b>		<b>9,755.6</b>	<b>25.9</b>
<b>Total</b>		<b>40,553.4</b>	<b>100.0</b>	<b>Total</b>		<b>37,634.0</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,989.8	20.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,042.2	19.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,479.2	7.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,827.7	8.8
29	Organic chemicals	1,203.3	6.2	29	Organic chemicals	1,265.3	6.1
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	943.2	4.8	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,130.5	5.4
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	879.3	4.5	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	939.1	4.5
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	810.7	4.2	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	900.9	4.3
30	Pharmaceutical products	768.9	3.9	17	Sugars and sugar confectionery	801.4	3.9
10	Cereals	758.9	3.9	30	Pharmaceutical products	751.6	3.6
02	Meat and edible meat offal	691.1	3.5	02	Meat and edible meat offal	741.5	3.6
74	Copper and articles thereof	544.6	2.8	72	Iron and steel	725.6	3.5
<b>Top Ten Commodities</b>		<b>12,069.0</b>	<b>61.9</b>	<b>Top Ten Commodities</b>		<b>13,125.8</b>	<b>63.1</b>
<b>Others</b>		<b>7,428.7</b>	<b>38.1</b>	<b>Others</b>		<b>7,689.4</b>	<b>36.9</b>
<b>Total</b>		<b>19,497.7</b>	<b>100.0</b>	<b>Total</b>		<b>20,815.2</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	21,917.0	21.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	18,585.3	18.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,930.2	8.8
44	Wood and articles of wood; wood charcoal	5,280.0	5.2
39	Plastics and articles thereof	3,219.2	3.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	3,031.7	3.0
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,557.2	2.5
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	2,295.3	2.3
61	Articles of apparel and clothing accessories, knitted or crocheted	2,287.1	2.2
62	Articles of apparel and clothing accessories, not knitted or crocheted	2,243.8	2.2
<b>Top Ten Commodities</b>		<b>70,346.9</b>	<b>69.0</b>
<b>Others</b>		<b>31,594.3</b>	<b>31.0</b>
<b>Total</b>		<b>101,941.2</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	20,461.4	21.3
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,227.2	12.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,325.8	8.7
44	Wood and articles of wood; wood charcoal	4,991.0	5.2
39	Plastics and articles thereof	3,621.1	3.8
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	3,240.7	3.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,587.2	2.7
62	Articles of apparel and clothing accessories, not knitted or crocheted	2,577.3	2.7
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	2,467.8	2.6
61	Articles of apparel and clothing accessories, knitted or crocheted	2,466.1	2.6
<b>Top Ten Commodities</b>		<b>62,965.8</b>	<b>65.6</b>
<b>Others</b>		<b>33,071.0</b>	<b>34.4</b>
<b>Total</b>		<b>96,036.8</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	25,812.4	20.6	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	24,014.1	22.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	24,175.9	19.3	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,630.9	19.5
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	12,286.3	9.8	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	12,254.1	11.6
72	Iron and steel	9,570.8	7.7	72	Iron and steel	8,152.3	7.7
39	Plastics and articles thereof	6,269.7	5.0	39	Plastics and articles thereof	5,177.7	4.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	5,612.2	4.5	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,050.9	3.8
73	Articles of iron or steel	4,461.7	3.6	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,717.6	3.5
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,016.1	3.2	73	Articles of iron or steel	3,464.6	3.3
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,907.8	3.1	32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	2,011.1	1.9
29	Organic chemicals	2,687.2	2.1	40	Rubber and articles thereof	1,814.7	1.7
<b>Top Ten Commodities</b>		<b>98,800.1</b>	<b>79.0</b>	<b>Top Ten Commodities</b>		<b>85,288.0</b>	<b>80.6</b>
<b>Others</b>		<b>26,305.6</b>	<b>21.0</b>	<b>Others</b>		<b>20,567.6</b>	<b>19.4</b>
<b>Total</b>		<b>125,105.7</b>	<b>100.0</b>	<b>Total</b>		<b>105,855.6</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	13,164.7	29.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	8,128.5	17.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,433.4	7.6
62	Articles of apparel and clothing accessories, not knitted or crocheted	1,846.2	4.1
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	1,314.3	2.9
44	Wood and articles of wood; wood charcoal	977.9	2.2
39	Plastics and articles thereof	915.8	2.0
38	Miscellaneous chemical products	876.8	1.9
40	Rubber and articles thereof	859.9	1.9
61	Articles of apparel and clothing accessories, knitted or crocheted	836.7	1.8
<b>Top Ten Commodities</b>		<b>32,354.2</b>	<b>71.2</b>
<b>Others</b>		<b>13,066.7</b>	<b>28.8</b>
<b>Total</b>		<b>45,420.8</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	14,845.9	32.5
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,271.0	13.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,659.4	8.0
62	Articles of apparel and clothing accessories, not knitted or crocheted	1,947.3	4.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	1,357.5	3.0
44	Wood and articles of wood; wood charcoal	1,102.4	2.4
38	Miscellaneous chemical products	1,019.8	2.2
61	Articles of apparel and clothing accessories, knitted or crocheted	960.7	2.1
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	920.4	2.0
39	Plastics and articles thereof	882.8	1.9
<b>Top Ten Commodities</b>		<b>32,967.3</b>	<b>72.1</b>
<b>Others</b>		<b>12,743.9</b>	<b>27.9</b>
<b>Total</b>		<b>45,711.1</b>	<b>100.0</b>



**Table 5.35. Top Ten Imports of Goods of ASEAN from Republic of Korea by 2-digit HS Code, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	28,461.4	37.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	11,117.0	14.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	7,110.7	9.3
39	Plastics and articles thereof	4,158.7	5.4
72	Iron and steel	3,853.2	5.0
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,180.6	2.8
73	Articles of iron or steel	1,879.0	2.4
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	1,546.1	2.0
60	Knitted or crocheted fabrics	1,268.4	1.6
74	Copper and articles thereof	1,208.7	1.6
<b>Top Ten Commodities</b>		<b>62,783.9</b>	<b>81.7</b>
<b>Others</b>		<b>14,088.2</b>	<b>18.3</b>
<b>Total</b>		<b>76,872.1</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	32,364.8	41.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,878.7	8.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	6,876.4	8.8
39	Plastics and articles thereof	4,698.2	6.0
72	Iron and steel	3,714.9	4.7
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	2,388.7	3.0
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,104.5	2.7
73	Articles of iron or steel	1,602.9	2.0
60	Knitted or crocheted fabrics	1,369.6	1.7
40	Rubber and articles thereof	1,185.2	1.5
<b>Top Ten Commodities</b>		<b>63,183.8</b>	<b>80.4</b>
<b>Others</b>		<b>15,356.4</b>	<b>19.6</b>
<b>Total</b>		<b>78,540.2</b>	<b>100.0</b>

**Table 5.36. Top Ten Exports of Goods of ASEAN to New Zealand by 2-digit HS Code, 2015-2016**

2015			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,418.5	27.1
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	730.2	14.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	629.4	12.0
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	428.6	8.2
39	Plastics and articles thereof	282.4	5.4
23	Residues and waste from the food industries; prepared animal fodder	211.2	4.0
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	94.7	1.8
21	Miscellaneous edible preparations	94.3	1.8
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	91.3	1.7
40	Rubber and articles thereof	83.3	1.6
<b>Top Ten Commodities</b>		<b>4,063.9</b>	<b>77.8</b>
<b>Others</b>		<b>1,161.8</b>	<b>22.2</b>
<b>Total</b>		<b>5,225.7</b>	<b>100.0</b>

2016			
HS	Commodities	Value	Share
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	851.9	18.7
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	809.1	17.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	522.7	11.5
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	402.2	8.8
39	Plastics and articles thereof	254.8	5.6
23	Residues and waste from the food industries; prepared animal fodder	154.4	3.4
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	97.3	2.1
21	Miscellaneous edible preparations	97.1	2.1
40	Rubber and articles thereof	84.3	1.9
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	78.2	1.7
<b>Top Ten Commodities</b>		<b>3,352.2</b>	<b>73.7</b>
<b>Others</b>		<b>1,194.8</b>	<b>26.3</b>
<b>Total</b>		<b>4,547.0</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
HS	Commodities	Value	Share	HS	Commodities	Value	Share
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,719.6	50.6	04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,601.6	47.8
02	Meat and edible meat offal	193.9	5.7	02	Meat and edible meat offal	190.0	5.7
08	Edible fruit and nuts; peel of citrus fruits or melons	156.4	4.6	08	Edible fruit and nuts; peel of citrus fruits or melons	177.8	5.3
44	Wood and articles of wood; wood charcoal	150.7	4.4	44	Wood and articles of wood; wood charcoal	161.0	4.8
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	136.4	4.0	47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	130.4	3.9
47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	98.8	2.9	19	Preparations of cereals, flour, starch or milk; pastrycooks' products	91.9	2.7
35	Albuminoidal substances; modified starches; glues; enzymes	87.8	2.6	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	74.6	2.2
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	73.3	2.2	35	Albuminoidal substances; modified starches; glues; enzymes	73.7	2.2
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	71.2	2.1	48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	71.5	2.1
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	69.3	2.0	99	Other products	71.3	2.1
<b>Top Ten Commodities</b>		<b>2,757.3</b>	<b>81.1</b>	<b>Top Ten Commodities</b>		<b>2,643.9</b>	<b>78.9</b>
<b>Others</b>		<b>641.0</b>	<b>18.9</b>	<b>Others</b>		<b>709.0</b>	<b>21.1</b>
<b>Total</b>		<b>3,398.3</b>	<b>100.0</b>	<b>Total</b>		<b>3,352.9</b>	<b>100.0</b>

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, 2015-2016**

2015			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,120.2	26.2
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	564.6	13.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	551.4	12.9
09	Coffee, tea, maté and spices	208.7	4.9
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	182.8	4.3
40	Rubber and articles thereof	168.8	4.0
39	Plastics and articles thereof	142.8	3.3
64	Footwear, gaiters and the like; parts of such articles	135.5	3.2
03	Fish and crustaceans, molluscs and other aquatic invertebrates	111.2	2.6
18	Cocoa and cocoa preparations	103.4	2.4
<b>Top Ten Commodities</b>		<b>3,289.4</b>	<b>77.1</b>
<b>Others</b>		<b>979.5</b>	<b>22.9</b>
<b>Total</b>		<b>4,268.9</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016			
HS	Commodities	Value	Share
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,428.2	29.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	622.4	13.0
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	548.7	11.5
09	Coffee, tea, maté and spices	222.0	4.6
40	Rubber and articles thereof	186.8	3.9
64	Footwear, gaiters and the like; parts of such articles	177.5	3.7
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	148.2	3.1
03	Fish and crustaceans, molluscs and other aquatic invertebrates	117.5	2.5
61	Articles of apparel and clothing accessories, knitted or crocheted	116.7	2.4
89	Ships, boats and floating structures	116.7	2.4
<b>Top Ten Commodities</b>		<b>3,684.6</b>	<b>77.0</b>
<b>Others</b>		<b>1,097.5</b>	<b>23.0</b>
<b>Total</b>		<b>4,782.1</b>	<b>100.0</b>

**Table 5.39. Top Ten Imports of Goods of ASEAN from Russian Federation by 2-digit HS Code, 2015-2016**

2015			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,808.6	72.1
31	Fertilisers	746.1	7.9
72	Iron and steel	576.2	6.1
75	Nickel and articles thereof	274.4	2.9
76	Aluminium and articles thereof	155.1	1.6
25	Salt; sulphur; earths and stone; plastering materials, lime and cement	100.8	1.1
40	Rubber and articles thereof	74.4	0.8
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	68.2	0.7
10	Cereals	63.3	0.7
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	63.2	0.7
<b>Top Ten Commodities</b>		<b>8,930.4</b>	<b>94.5</b>
<b>Others</b>		<b>518.7</b>	<b>5.5</b>
<b>Total</b>		<b>9,449.1</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

2016			
HS	Commodities	Value	Share
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,455.8	62.1
72	Iron and steel	717.7	10.0
31	Fertilisers	649.1	9.0
76	Aluminium and articles thereof	181.2	2.5
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	114.6	1.6
88	Aircraft, spacecraft, and parts thereof	96.8	1.3
25	Salt; sulphur; earths and stone; plastering materials, lime and cement	91.5	1.3
03	Fish and crustaceans, molluscs and other aquatic invertebrates	90.4	1.3
93	Arms and ammunition; parts and accessories thereof	77.7	1.1
74	Copper and articles thereof	65.9	0.9
<b>Top Ten Commodities</b>		<b>6,540.6</b>	<b>91.2</b>
<b>Others</b>		<b>633.9</b>	<b>8.8</b>
<b>Total</b>		<b>7,174.5</b>	<b>100.0</b>

**Table 5.40. Top Ten Exports of Goods of ASEAN to USA by 2-digit HS Code, 2015-2016**

2015				2016			
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, and parts and accessories of such articles	31,340.3	25.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	33,914.9	25.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	18,834.6	15.0	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,203.4	14.7
61	Articles of apparel and clothing accessories, knitted or crocheted	11,468.7	9.1	61	Articles of apparel and clothing accessories, knitted or crocheted	11,309.3	8.6
62	Articles of apparel and clothing accessories, not knitted or crocheted	7,497.5	6.0	62	Articles of apparel and clothing accessories, not knitted or crocheted	7,512.1	5.7
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,767.2	4.6	64	Footwear, gaiters and the like; parts of such articles	6,046.2	4.6
64	Footwear, gaiters and the like; parts of such articles	5,602.4	4.5	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,889.8	4.5
40	Rubber and articles thereof	5,367.3	4.3	40	Rubber and articles thereof	5,622.0	4.3
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	4,560.5	3.6	94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	4,755.8	3.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,333.6	1.9	03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,707.7	2.1
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,136.1	1.7	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,240.2	1.7
<b>Top Ten Commodities</b>		<b>94,908.1</b>	<b>75.7</b>	<b>Top Ten Commodities</b>		<b>99,201.5</b>	<b>75.7</b>
<b>Others</b>		<b>30,534.7</b>	<b>24.3</b>	<b>Others</b>		<b>31,869.9</b>	<b>24.3</b>
<b>Total</b>		<b>125,442.9</b>	<b>100.0</b>	<b>Total</b>		<b>131,071.3</b>	<b>100.0</b>

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, 2015-2016**

2015				2016			
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, and parts and accessories of such articles	18,944.9	22.7	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	18,457.8	22.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	15,655.8	18.7	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,043.3	19.9
88	Aircraft, spacecraft, and parts thereof	9,832.9	11.8	88	Aircraft, spacecraft, and parts thereof	6,542.2	8.1
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,319.3	6.4	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,707.6	7.1
39	Plastics and articles thereof	2,832.3	3.4	39	Plastics and articles thereof	2,895.0	3.6
38	Miscellaneous chemical products	2,464.8	2.9	23	Residues and waste from the food industries; prepared animal fodder	2,260.1	2.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	2,256.7	2.7	38	Miscellaneous chemical products	2,244.7	2.8
23	Residues and waste from the food industries; prepared animal fodder	2,145.3	2.6	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	1,999.2	2.5
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	1,662.9	2.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,664.4	2.1
29	Organic chemicals	1,576.6	1.9	29	Organic chemicals	1,424.0	1.8
<b>Top Ten Commodities</b>		<b>62,691.4</b>	<b>75.0</b>	<b>Top Ten Commodities</b>		<b>59,238.4</b>	<b>73.4</b>
<b>Others</b>		<b>20,868.3</b>	<b>25.0</b>	<b>Others</b>		<b>21,491.7</b>	<b>26.6</b>
<b>Total</b>		<b>83,559.7</b>	<b>100.0</b>	<b>Total</b>		<b>80,730.1</b>	<b>100.0</b>

Source:  
ASEAN Secretariat

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

**Table 5.42. Top Ten Intra-ASEAN Trade in Goods, 2016**

Exports				
HS	Commodities	To ASEAN (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	60,883	290,537	21.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	47,592	207,331	23.0
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	34,145	139,844	24.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	13,851	41,009	33.8
39	Plastics and articles thereof	12,315	43,377	28.4
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	9,654	28,028	34.4
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,927	34,122	17.4
29	Organic chemicals	5,340	33,411	16.0
73	Articles of iron or steel	4,297	15,512	27.7
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,027	39,573	10.2
	<b>Top Ten Exports</b>	<b>198,030</b>	<b>872,744</b>	<b>22.7</b>
	<b>Others</b>	<b>78,188</b>	<b>277,735</b>	<b>28.2</b>
	<b>Total Exports</b>	<b>276,219</b>	<b>1,150,479</b>	<b>24.0</b>

Imports				
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, and parts and accessories of such articles	54,158	248,024	21.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	46,436	268,415	17.3
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	26,142	153,964	17.0
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	13,566	37,217	36.5
39	Plastics and articles thereof	10,295	43,922	23.4
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	8,099	25,653	31.6
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,776	27,915	17.1
29	Organic chemicals	4,721	27,139	17.4
73	Articles of iron or steel	3,977	24,586	16.2
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	3,637	4,712	77.2
	<b>Top Ten Imports</b>	<b>175,806</b>	<b>861,546</b>	<b>20.4</b>
	<b>Others</b>	<b>63,988</b>	<b>224,318</b>	<b>28.5</b>
	<b>Total Imports</b>	<b>239,794</b>	<b>1,085,865</b>	<b>22.1</b>

Source:  
ASEAN Secretariat



**Table 5.43. Top-Ten Traded Goods between Australia and ASEAN, in 2016**

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	6,354	207,331	3.1	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,647	268,415	1.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,613	41,009	13.7	71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,842	25,653	7.2
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,748	139,844	2.7	10	Cereals	1,791	10,018	17.9
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	2,856	290,537	1.0	01	Live animals	970	1,452	66.8
73	Articles of iron or steel	1,468	15,512	9.5	02	Meat and edible meat offal	891	3,530	25.3
39	Plastics and articles thereof	1,152	43,377	2.7	74	Copper and articles thereof	750	11,153	6.7
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	1,070	28,028	3.8	75	Nickel and articles thereof	683	4,540	15.0
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	895	34,122	2.6	76	Aluminium and articles thereof	669	11,361	5.9
21	Miscellaneous edible preparations	664	6,676	9.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	666	153,964	0.4
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	559	12,003	4.7	28	Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	640	8,464	7.6
	<b>Top Ten Exports</b>	<b>24,380</b>	<b>818,439</b>	<b>3.0</b>		<b>Top Ten Imports</b>	<b>12,550</b>	<b>498,549</b>	<b>2.5</b>
	<b>Others</b>	<b>8,614</b>	<b>332,040</b>	<b>2.6</b>		<b>Others</b>	<b>7,246</b>	<b>587,316</b>	<b>1.2</b>
	<b>Total Exports</b>	<b>32,994</b>	<b>1,150,479</b>	<b>2.9</b>		<b>Total Imports</b>	<b>19,795</b>	<b>1,085,865</b>	<b>1.8</b>

Source:  
ASEAN Secretariat

**Table 5.44. Top Ten Traded Goods between Canada and ASEAN, 2016**

Exports				
HS	Commodities	To Canada (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,779	290,537	0.6
61	Articles of apparel and clothing accessories, knitted or crocheted	911	22,376	4.1
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	579	139,844	0.4
62	Articles of apparel and clothing accessories, not knitted or crocheted	434	18,445	2.4
64	Footwear, gaiters and the like; parts of such articles	381	17,333	2.2
40	Rubber and articles thereof	326	32,975	1.0
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	298	10,414	2.9
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	251	12,003	2.1
03	Fish and crustaceans, molluscs and other aquatic invertebrates	229	12,802	1.8
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	145	34,122	0.4
<b>Top Ten Exports</b>		<b>5,332</b>	<b>590,852</b>	<b>0.9</b>
<b>Others</b>		<b>2,062</b>	<b>559,626</b>	<b>0.4</b>
<b>Total Exports</b>		<b>7,394</b>	<b>1,150,479</b>	<b>0.6</b>

Source:  
ASEAN Secretariat

Imports				
HS	Commodities	From Canada (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	713	153,964	0.5
31	Fertilisers	649	7,740	8.4
10	Cereals	569	10,018	5.7
47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	465	3,170	14.7
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	349	248,024	0.1
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	323	25,653	1.3
88	Aircraft, spacecraft, and parts thereof	199	17,602	1.1
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	174	4,664	3.7
44	Wood and articles of wood; wood charcoal	156	4,710	3.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	155	27,915	0.6
<b>Top Ten Imports</b>		<b>3,752</b>	<b>503,460</b>	<b>0.7</b>
<b>Others</b>		<b>1,485</b>	<b>582,405</b>	<b>0.3</b>
<b>Total Imports</b>		<b>5,237</b>	<b>1,085,865</b>	<b>0.5</b>

**Table 5.45. Top Ten Traded Goods between China and ASEAN, 2016**

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, and parts and accessories of such articles	38,475	290,537	13.2	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	64,575	248,024	26.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	15,631	207,331	7.5	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,284	153,964	25.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	12,694	139,844	9.1	72	Iron and steel	14,747	42,538	34.7
39	Plastics and articles thereof	8,488	43,377	19.6	39	Plastics and articles thereof	8,070	43,922	18.4
40	Rubber and articles thereof	7,097	32,975	21.5	73	Articles of iron or steel	7,542	24,586	30.7
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	6,725	34,122	19.7	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	7,514	268,415	2.8
29	Organic chemicals	4,743	33,411	14.2	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,056	37,217	13.6
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,271	39,573	10.8	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,561	27,915	16.3
44	Wood and articles of wood; wood charcoal	3,260	16,671	19.6	29	Organic chemicals	4,298	27,139	15.8
26	Ores, slag and ash	3,226	6,421	50.2	76	Aluminium and articles thereof	4,225	11,361	37.2
	<b>Top Ten Exports</b>	<b>104,609</b>	<b>844,262</b>	<b>12.4</b>		<b>Top Ten Imports</b>	<b>159,874</b>	<b>885,080</b>	<b>18.1</b>
	<b>Others</b>	<b>38,910</b>	<b>306,217</b>	<b>12.7</b>		<b>Others</b>	<b>64,634</b>	<b>200,784</b>	<b>32.2</b>
	<b>Total Exports</b>	<b>143,519</b>	<b>1,150,479</b>	<b>12.5</b>		<b>Total Imports</b>	<b>224,508</b>	<b>1,085,865</b>	<b>20.7</b>

Source:  
ASEAN Secretariat

**Table 5.46. Top Ten Traded Goods between EU-28 and ASEAN, 2016**

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, and parts and accessories of such articles	35,914	290,537	12.4	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	21,071	153,964	13.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,721	139,844	12.0	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	15,979	248,024	6.4
64	Footwear, gaiters and the like; parts of such articles	6,690	17,333	38.6	88	Aircraft, spacecraft, and parts thereof	6,287	17,602	35.7
29	Organic chemicals	6,552	33,411	19.6	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	5,551	37,217	14.9
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,607	34,122	16.4	30	Pharmaceutical products	5,235	10,524	49.7
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	5,179	39,573	13.1	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,225	27,915	18.7
61	Articles of apparel and clothing accessories, knitted or crocheted	4,868	22,376	21.8	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	3,510	268,415	1.3
62	Articles of apparel and clothing accessories, not knitted or crocheted	4,249	18,445	23.0	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	2,749	7,343	37.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	4,101	41,009	10.0	39	Plastics and articles thereof	2,664	43,922	6.1
40	Rubber and articles thereof	3,755	32,975	11.4	22	Beverages, spirits and vinegar	2,429	4,739	51.3
	<b>Top Ten Exports</b>	<b>93,636</b>	<b>669,625</b>	<b>14.0</b>		<b>Top Ten Imports</b>	<b>70,699</b>	<b>819,664</b>	<b>8.6</b>
	<b>Others</b>	<b>36,779</b>	<b>480,854</b>	<b>7.6</b>		<b>Others</b>	<b>32,447</b>	<b>266,201</b>	<b>12.2</b>
	<b>Total Exports</b>	<b>130,415</b>	<b>1,150,479</b>	<b>11.3</b>		<b>Total Imports</b>	<b>103,146</b>	<b>1,085,865</b>	<b>9.5</b>

Source:  
ASEAN Secretariat

**Table 5.47. Top Ten Traded Goods between India and ASEAN, 2016**

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 (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	6,071	207,331	2.9	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	4,042	268,415	1.5
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	5,305	39,573	13.4	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,828	153,964	1.2
64	Footwear, gaiters and the like; parts of such articles	5,179	290,537	1.8	88	Aircraft, spacecraft, and parts thereof	1,265	27,139	4.7
29	Organic chemicals	4,075	139,844	2.9	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	1,130	25,653	4.4
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	1,791	43,377	4.1	30	Pharmaceutical products	939	248,024	0.4
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	1,781	33,411	5.3	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	901	37,217	2.4
61	Articles of apparel and clothing accessories, knitted or crocheted	965	28,028	3.4	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	801	3,879	20.7
62	Articles of apparel and clothing accessories, not knitted or crocheted	944	32,975	2.9	33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	752	10,524	7.1
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	940	34,122	2.8	39	Plastics and articles thereof	741	3,530	21.0
40	Rubber and articles thereof	828	7,951	10.4	22	Beverages, spirits and vinegar	726	42,538	1.7
	<b>Top Ten Exports</b>	<b>27,878</b>	<b>857,149</b>	<b>3.3</b>		<b>Top Ten Imports</b>	<b>13,126</b>	<b>820,883</b>	<b>1.6</b>
	<b>Others</b>	<b>9,756</b>	<b>293,330</b>	<b>3.3</b>		<b>Others</b>	<b>7,689</b>	<b>264,981</b>	<b>2.9</b>
	<b>Total Exports</b>	<b>37,634</b>	<b>1,150,479</b>	<b>3.3</b>		<b>Total Imports</b>	<b>20,815</b>	<b>1,085,865</b>	<b>1.9</b>

Source:  
ASEAN Secretariat

**Table 5.48. Top Ten Traded Goods between Japan and ASEAN, 2016**

Exports				
HS	Commodities	To Japan (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	20,461	290,537	7.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	12,227	207,331	5.9
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	8,326	139,844	6.0
44	Wood and articles of wood; wood charcoal	4,991	16,671	29.9
39	Plastics and articles thereof	3,621	43,377	8.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	3,241	34,122	9.5
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,587	41,009	6.3
62	Articles of apparel and clothing accessories, not knitted or crocheted	2,577	18,445	14.0
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	2,468	10,414	23.7
61	Articles of apparel and clothing accessories, knitted or crocheted	2,466	22,376	11.0
	<b>Top Ten Exports</b>	<b>62,966</b>	<b>824,126</b>	<b>7.6</b>
	<b>Others</b>	<b>33,071</b>	<b>326,353</b>	<b>10.1</b>
	<b>Total Exports</b>	<b>96,037</b>	<b>1,150,479</b>	<b>8.3</b>

Imports				
HS	Commodities	From Japan (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	24,014	248,024	9.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	20,631	153,964	13.4
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	12,254	37,217	32.9
72	Iron and steel	8,152	42,538	19.2
39	Plastics and articles thereof	5,178	43,922	11.8
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	4,051	27,915	14.5
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	3,718	25,653	14.5
73	Articles of iron or steel	3,465	24,586	14.1
32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	2,011	6,276	32.0
40	Rubber and articles thereof	1,815	11,558	15.7
	<b>Top Ten Imports</b>	<b>85,288</b>	<b>621,653</b>	<b>13.7</b>
	<b>Others</b>	<b>20,568</b>	<b>464,211</b>	<b>4.4</b>
	<b>Total Imports</b>	<b>105,856</b>	<b>1,085,865</b>	<b>9.7</b>

Source:  
ASEAN Secretariat

**Table 5.49. Top Ten Traded Goods between Republic of Korea and ASEAN, 2016**

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, and parts and accessories of such articles	14,846	290,537	5.1	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	32,365	248,024	13.0
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,271	207,331	3.0	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	6,879	268,415	2.6
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	3,659	139,844	2.6	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	6,876	153,964	4.5
62	Articles of apparel and clothing accessories, not knitted or crocheted	1,947	18,445	10.6	39	Plastics and articles thereof	4,698	43,922	10.7
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	1,358	34,122	4.0	72	Iron and steel	3,715	42,538	8.7
44	Wood and articles of wood; wood charcoal	1,102	16,671	6.6	90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	2,389	27,915	8.6
38	Miscellaneous chemical products	1,020	14,687	6.9	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	2,105	37,217	5.7
61	Articles of apparel and clothing accessories, knitted or crocheted	961	22,376	4.3	73	Articles of iron or steel	1,603	24,586	6.5
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	920	7,923	11.6	60	Knitted or crocheted fabrics	1,370	9,752	14.0
39	Plastics and articles thereof	883	43,377	2.0	40	Rubber and articles thereof	1,185	11,558	10.3
	<b>Top Ten Exports</b>	<b>32,967</b>	<b>795,313</b>	<b>4.1</b>		<b>Top Ten Imports</b>	<b>63,184</b>	<b>867,891</b>	<b>7.3</b>
	<b>Others</b>	<b>12,744</b>	<b>355,165</b>	<b>3.6</b>		<b>Others</b>	<b>15,356</b>	<b>217,973</b>	<b>7.0</b>
	<b>Total Exports</b>	<b>45,711</b>	<b>1,150,479</b>	<b>4.0</b>		<b>Total Imports</b>	<b>78,540</b>	<b>1,085,865</b>	<b>7.2</b>

Source:  
ASEAN Secretariat

**Table 5.50. Top Ten Traded Goods between New Zealand and ASEAN, 2016**

Exports				
HS	Commodities	To New Zealand (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	852	41,009	2.1
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	809	207,331	0.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	523	139,844	0.4
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	402	290,537	0.1
39	Plastics and articles thereof	255	43,377	0.6
23	Residues and waste from the food industries; prepared animal fodder	154	3,711	4.2
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	97	8,355	1.2
21	Miscellaneous edible preparations	97	6,676	1.5
40	Rubber and articles thereof	84	32,975	0.3
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	78	34,122	0.2
	<b>Top Ten Exports</b>	<b>3,352</b>	<b>807,936</b>	<b>0.4</b>
	<b>Others</b>	<b>1,195</b>	<b>342,542</b>	<b>0.3</b>
	<b>Total Exports</b>	<b>4,547</b>	<b>1,150,479</b>	<b>0.4</b>

Imports				
HS	Commodities	From New Zealand (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	1,602	6,701	23.9
02	Meat and edible meat offal	190	3,530	5.4
08	Edible fruit and nuts; peel of citrus fruits or melons	178	3,791	4.7
44	Wood and articles of wood; wood charcoal	161	4,710	3.4
47	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	130	3,170	4.1
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	92	3,298	2.8
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	75	268,415	0.0
35	Albuminoidal substances; modified starches; glues; enzymes	74	2,009	3.7
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	72	9,980	0.7
99	Other products	71	4,211	1.7
	<b>Top Ten Imports</b>	<b>2,644</b>	<b>309,815</b>	<b>0.9</b>
	<b>Others</b>	<b>709</b>	<b>776,050</b>	<b>0.1</b>
	<b>Total Imports</b>	<b>3,353</b>	<b>1,085,865</b>	<b>0.3</b>

Source:  
ASEAN Secretariat



**Table 5.51. Top Ten Traded Goods between Russian Federation and ASEAN, 2016**

Exports					Imports				
HS	Commodities	To Russia (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)	HS	Commodities	From Russia (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	1,428	290,537	0.5	27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	4,456	268,415	1.7
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	622	39,573	1.6	72	Iron and steel	718	42,538	1.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	549	139,844	0.4	31	Fertilisers	649	7,740	8.4
09	Coffee, tea, maté and spices	222	6,977	3.2	76	Aluminium and articles thereof	181	11,361	1.6
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	187	41,009	0.5	87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	115	37,217	0.3
40	Rubber and articles thereof	177	32,975	0.5	88	Aircraft, spacecraft, and parts thereof	97	17,602	0.5
39	Plastics and articles thereof	148	43,377	0.3	25	Salt; sulphur; earths and stone; plastering materials, lime and cement	91	4,427	2.1
64	Footwear, gaiters and the like; parts of such articles	117	17,333	0.7	03	Fish and crustaceans, molluscs and other aquatic invertebrates	90	5,717	1.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	117	12,802	0.9	93	Arms and ammunition; parts and accessories thereof	78	614	12.7
18	Cocoa and cocoa preparations	117	3,660	3.2	74	Copper and articles thereof	66	11,153	0.6
	<b>Top Ten Exports</b>	<b>3,685</b>	<b>628,087</b>	<b>0.6</b>		<b>Top Ten Imports</b>	<b>6,541</b>	<b>406,784</b>	<b>1.6</b>
	<b>Others</b>	<b>1,098</b>	<b>522,392</b>	<b>0.2</b>		<b>Others</b>	<b>634</b>	<b>679,080</b>	<b>0.1</b>
	<b>Total Exports</b>	<b>4,782</b>	<b>1,150,479</b>	<b>0.4</b>		<b>Total Imports</b>	<b>7,175</b>	<b>1,085,865</b>	<b>0.7</b>

Source:  
ASEAN Secretariat

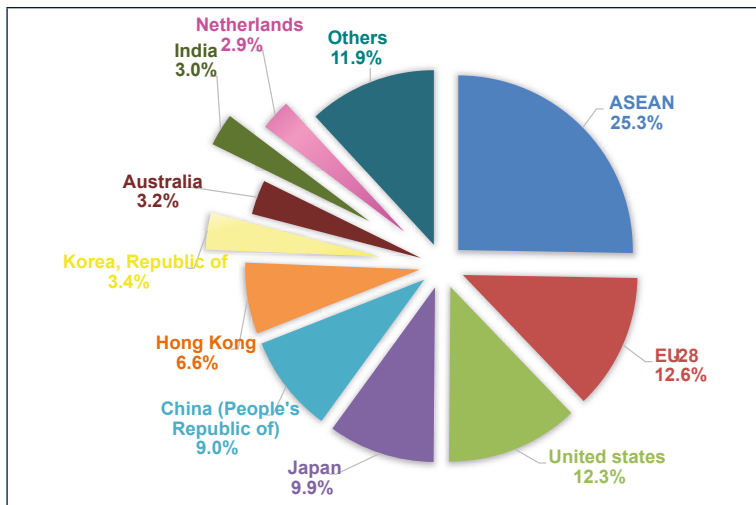
**Table 5.52. Top-Ten Traded Goods between USA and ASEAN, 2016**

Exports				
HS	Commodities	To USA (US\$ mn)	Total ASEAN Export (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	33,915	290,537	11.7
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	19,203	139,844	13.7
61	Articles of apparel and clothing accessories, knitted or crocheted	11,309	22,376	50.5
62	Articles of apparel and clothing accessories, not knitted or crocheted	7,512	18,445	40.7
64	Footwear, gaiters and the like; parts of such articles	6,046	17,333	34.9
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,890	34,122	17.3
40	Rubber and articles thereof	5,622	32,975	17.0
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	4,756	12,003	39.6
03	Fish and crustaceans, molluscs and other aquatic invertebrates	2,708	12,802	21.1
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	2,240	28,028	8.0
	<b>Top Ten Exports</b>	<b>99,201</b>	<b>608,466</b>	<b>16.3</b>
	<b>Others</b>	<b>31,870</b>	<b>542,013</b>	<b>5.9</b>
	<b>Total Exports</b>	<b>131,071</b>	<b>1,150,479</b>	<b>11.4</b>

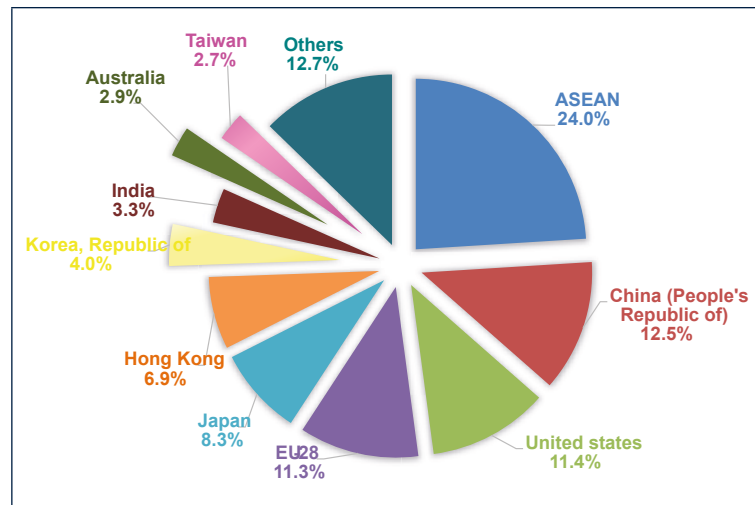
Imports				
HS	Commodities	From USA (US\$ mn)	Total ASEAN Import (US\$ mn)	Share (%)
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	18,458	248,024	7.4
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	16,043	153,964	10.4
88	Aircraft, spacecraft, and parts thereof	6,542	17,602	37.2
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	5,708	27,915	20.4
39	Plastics and articles thereof	2,895	43,922	6.6
23	Residues and waste from the food industries; prepared animal fodder	2,260	12,193	18.5
38	Miscellaneous chemical products	2,245	15,006	15.0
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	1,999	4,664	42.9
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	1,664	268,415	0.6
29	Organic chemicals	1,424	27,139	5.2
	<b>Top Ten Imports</b>	<b>59,238</b>	<b>818,843</b>	<b>7.2</b>
	<b>Others</b>	<b>21,492</b>	<b>267,021</b>	<b>8.0</b>
	<b>Total Imports</b>	<b>80,730</b>	<b>1,085,865</b>	<b>7.4</b>

Source:  
ASEAN Secretariat

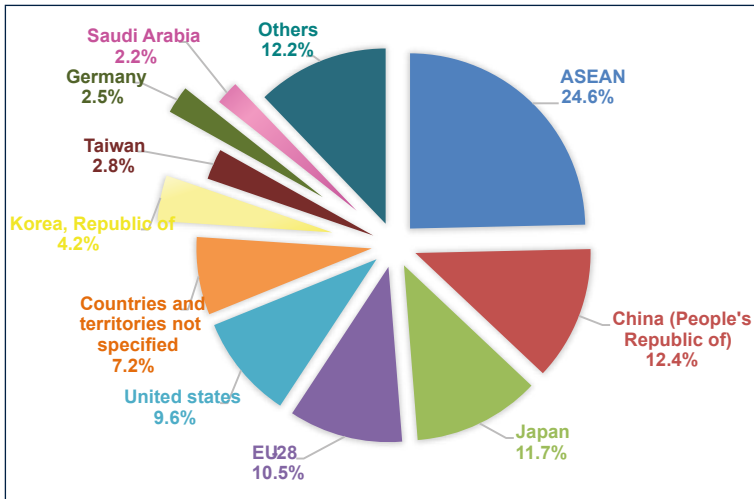
**Graph 5.27. ASEAN Markets of Exports of Goods, 2007**



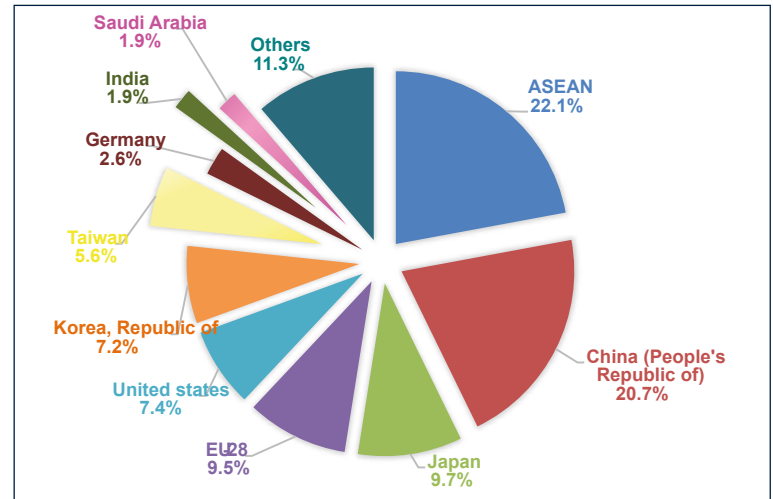
**Graph 5.28. ASEAN Markets of Exports of Goods, 2016**



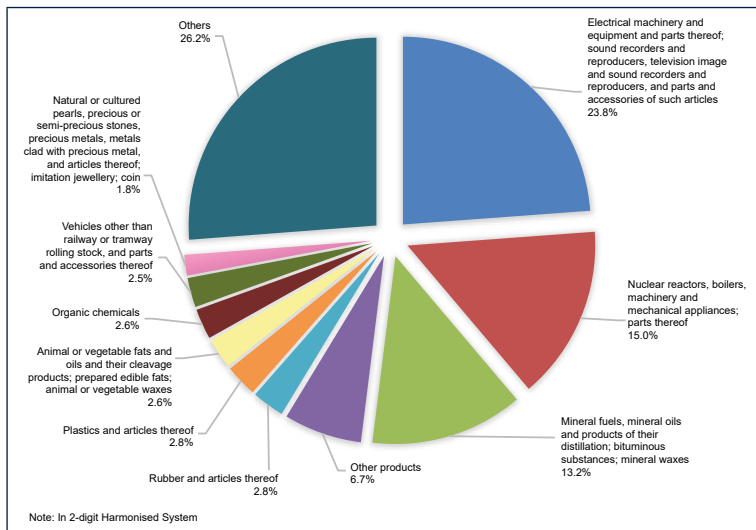
**Graph 5.29. ASEAN Source of Imports of Goods, 2007**



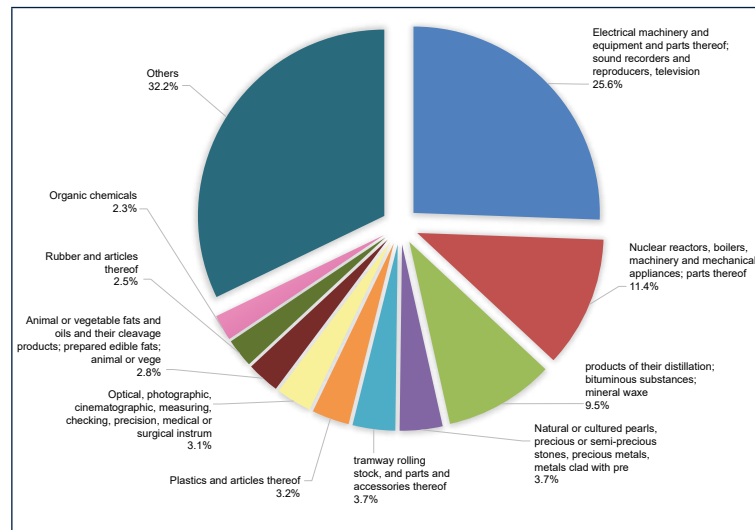
**Graph 5.30. ASEAN Source of Imports of Goods, 2016**



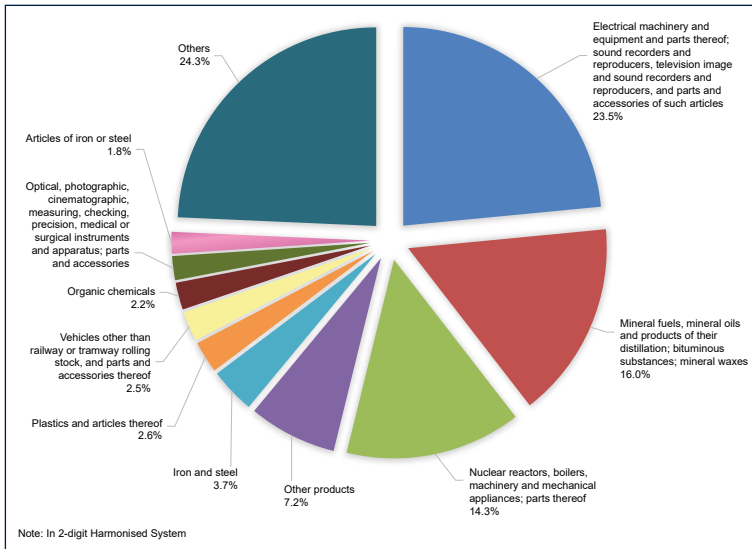
**Graph 5.31. Top Ten Exports of Commodities in ASEAN, 2007**



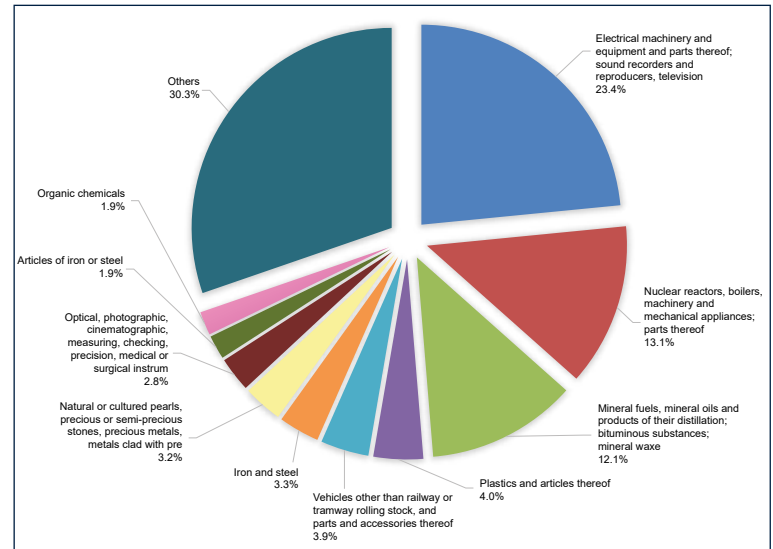
**Graph 5.32. Top Ten Exports of Commodities in ASEAN, 2016**

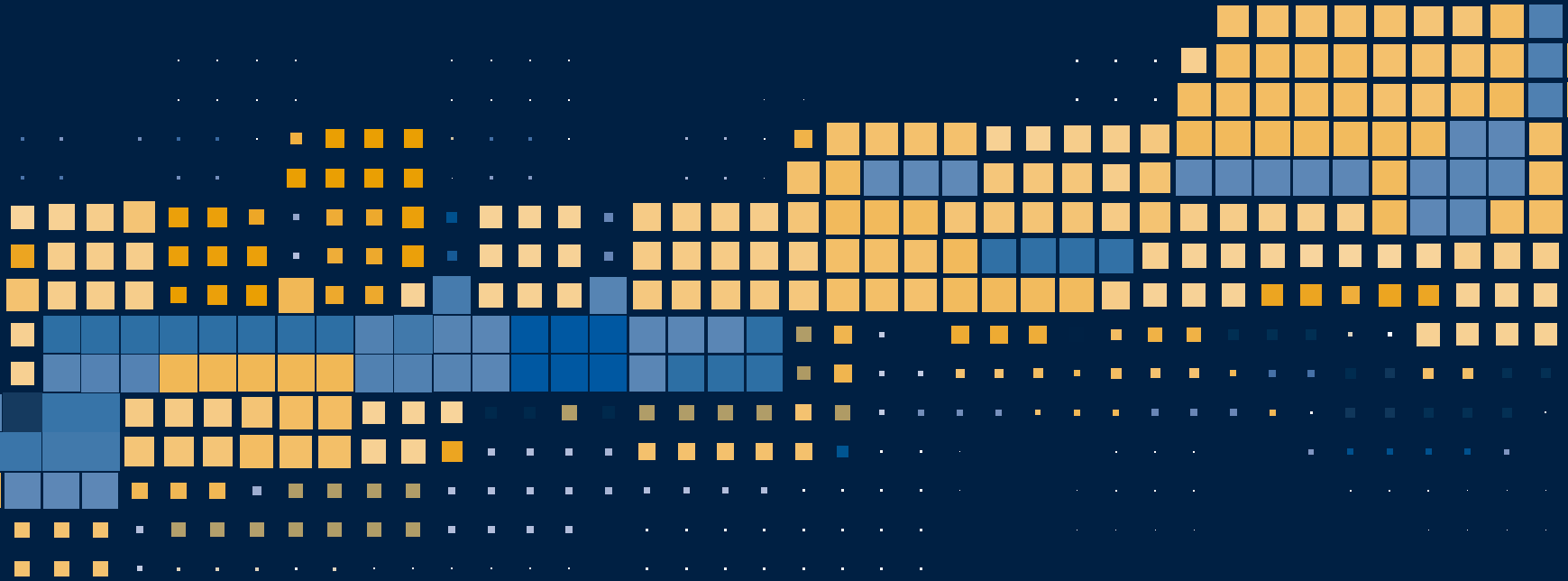


**Graph 5.33. Top Ten Imports of Goods in ASEAN, 2007**



**Graph 5.34. Top Ten Imports of Goods in ASEAN, 2016**





## CHAPTER 6

# Trade in Services





**Table 6.1. ASEAN Exports of Services<sup>1/</sup> by Country, 2007-2016**

(in US\$ million)

Host Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	794.4	448.4	386.6	460.5	500.6	482.7	492.8	557.8	650.6	530.5
Cambodia	1,432.7	1,750.2	1,811.9	2,028.5	2,730.1	3,192.1	3,493.7	3,810.8	3,954.7	4,458.3
Indonesia	11,754.4	13,888.0	12,115.1	16,670.5	21,888.2	23,660.2	22,944.1	23,530.9	22,220.9	23,478.2
Lao PDR	322.0	401.6	397.3	511.0	549.7	643.4	780.4	764.5	844.1	831.0
Malaysia	29,063.3	31,092.3	28,013.6	33,822.8	38,879.3	40,629.4	41,981.1	41,967.3	34,847.1	35,270.6
Myanmar	297.1	299.6	319.4	350.7	700.9	1,040.5	1,622.8	3,127.6	3,853.5	3,779.4
Philippines	13,501.7	13,054.8	14,084.1	17,782.0	18,878.0	20,439.2	23,335.2	25,498.1	29,065.0	31,357.2
Singapore	74,214.3	89,678.8	81,828.9	100,832.2	119,253.8	127,361.7	139,687.3	153,398.2	148,601.3	149,647.1
Thailand	30,113.9	33,124.7	30,204.3	34,339.8	41,544.6	49,722.3	58,776.4	55,535.7	61,758.8	65,244.6
Viet Nam	6,388.0	6,929.0	5,747.0	7,417.0	8,653.2	9,577.0	10,664.0	11,002.0	11,195.0	12,228.0
<b>ASEAN</b>	<b>167,881.8</b>	<b>190,667.4</b>	<b>174,908.1</b>	<b>214,215.0</b>	<b>253,578.3</b>	<b>276,748.4</b>	<b>303,777.7</b>	<b>319,193.0</b>	<b>316,991.0</b>	<b>326,824.9</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

**Table 6.2. ASEAN Imports of Services<sup>1/</sup> by Country, 2007-2016**

(in US\$ million)

Host Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1,316.1	1,090.8	1,078.2	1,267.3	1,817.4	2,639.9	2,857.5	2,190.2	1,657.6	1,644.6
Cambodia	820.2	808.3	842.5	980.2	1,329.7	1,535.2	1,762.8	1,883.0	1,903.8	1,951.6
Indonesia	24,898.9	28,689.7	23,298.0	26,461.0	31,691.4	34,224.4	35,014.6	33,540.6	30,917.5	30,521.3
Lao PDR	154.8	189.8	135.6	263.1	321.6	382.8	534.0	497.0	642.4	619.2
Malaysia	28,660.2	30,625.5	26,830.4	31,833.5	38,402.9	43,398.3	45,016.1	45,232.3	40,129.8	39,872.6
Myanmar	688.9	589.1	536.9	729.2	1,100.0	1,322.8	1,475.0	2,263.5	2,437.7	2,899.5
Philippines	7,543.7	11,084.3	9,186.2	12,017.0	12,316.0	14,260.5	16,320.4	20,921.6	23,610.2	24,232.7
Singapore	76,481.6	91,186.0	84,136.2	101,212.7	118,254.6	130,885.4	147,062.7	159,414.6	154,507.7	155,585.9
Thailand	38,071.2	46,021.3	34,429.6	41,333.3	46,097.4	45,671.4	47,402.1	45,247.3	42,518.3	42,778.4
Viet Nam	6,973.0	7,923.0	8,129.0	9,857.0	11,804.0	10,995.0	13,782.0	14,958.0	16,100.0	16,477.0
<b>ASEAN</b>	<b>185,608.6</b>	<b>218,207.9</b>	<b>188,602.6</b>	<b>225,954.4</b>	<b>263,135.1</b>	<b>285,315.8</b>	<b>311,227.1</b>	<b>326,148.0</b>	<b>314,425.1</b>	<b>316,582.9</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

**Table 6.3. ASEAN Exports of Services<sup>1/</sup> by Service Heading, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-931.7	-1,595.2	-1,151.4	2,297.0	3,710.4	2,994.0	2,783.2	2,967.4	2,655.5	2,880.1
Maintenance and repair n.i.e.	4,732.7	6,498.0	6,659.8	6,728.1	7,871.4	7,720.1	9,114.8	8,397.2	7,615.8	8,057.8
Transport	48,860.1	57,906.6	46,552.7	56,475.5	61,525.6	63,485.2	65,361.9	72,062.1	66,859.9	67,433.3
Travel	55,399.8	59,637.9	53,611.9	68,086.9	84,586.9	95,779.6	107,756.3	108,090.4	108,565.2	116,196.3
Construction	3,234.6	3,775.8	3,148.8	3,204.6	3,741.7	4,237.5	4,657.0	3,705.1	3,151.8	2,885.3
Insurance and pension	2,249.0	2,651.3	3,162.5	4,100.6	4,667.5	4,721.3	5,008.4	5,749.1	6,766.0	6,987.9
Financial	11,528.3	12,033.7	11,595.2	13,430.7	17,144.3	17,987.2	20,486.9	22,637.0	22,867.1	20,989.8
Charges for the use of intellectual property n.i.e	853.0	1,143.0	1,231.5	1,193.4	1,977.1	2,194.2	3,406.9	4,016.0	5,443.5	5,672.0
Telecommunications, computer, and information	6,388.4	7,682.1	8,243.9	9,869.4	11,618.1	12,317.8	13,261.9	13,825.2	14,970.7	16,796.5
Other business	34,000.4	38,843.4	39,799.0	46,504.3	54,187.9	62,567.0	69,009.3	74,835.3	75,078.8	75,560.9
Personal, cultural, and recreational	486.8	754.3	739.2	882.1	988.0	1,083.3	1,139.7	1,241.6	1,235.6	1,300.2
Government goods and services, n.i.e.	1,080.3	1,336.5	1,314.9	1,442.4	1,559.5	1,660.7	1,791.4	1,666.6	1,781.0	2,064.8
<b>TOTAL</b>	<b>167,881.8</b>	<b>190,667.4</b>	<b>174,908.1</b>	<b>214,215.0</b>	<b>253,578.3</b>	<b>276,747.9</b>	<b>303,777.7</b>	<b>319,193.0</b>	<b>316,991.0</b>	<b>326,824.9</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

**Table 6.4. ASEAN Imports of Services<sup>1/</sup> by Service Heading, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	24.3	34.4	43.8	53.2	185.3	194.6	261.1
Maintenance and repair services n.i.e.	747.2	912.1	1,102.3	1,050.8	1,249.4	1,713.9	1,782.7	1,692.5	1,907.1	2,115.5
Transport	73,773.7	87,445.2	64,462.1	78,277.5	91,214.4	94,053.6	97,473.5	104,801.2	98,904.9	97,688.3
Travel	34,072.5	39,402.7	37,344.3	46,736.6	52,186.5	58,265.9	62,243.3	66,105.6	64,257.8	66,565.0
Construction	4,098.6	4,246.2	3,734.2	3,810.5	3,481.1	4,716.4	6,574.6	6,247.1	5,866.6	5,449.3
Insurance and pension services	6,221.4	7,863.5	7,368.9	10,601.0	12,069.1	12,858.3	12,638.2	11,729.0	12,546.5	12,641.5
Financial Services	3,821.5	4,134.9	3,544.1	4,405.6	5,246.2	5,649.2	6,561.7	7,006.4	7,215.4	7,708.6
Charges for the use of intellectual property n.i.e	14,628.0	19,111.5	18,627.7	23,144.3	26,718.3	29,595.5	31,401.2	29,242.0	27,280.8	27,739.1
Telecommunications, computer, and information services	4,887.4	6,195.9	6,076.9	7,415.3	9,687.5	10,753.0	13,363.0	15,310.6	15,531.8	15,461.6
Other business services	41,180.5	46,497.7	44,030.7	47,775.1	58,407.5	64,420.9	75,643.1	80,229.8	77,692.1	77,943.7
Personal, cultural, and recreational services	854.5	1,125.2	968.8	996.3	1,140.9	1,458.6	1,676.6	1,816.0	1,582.4	1,530.3
Government goods and services, n.i.e.	1,323.3	1,272.9	1,342.5	1,717.0	1,701.7	1,785.6	1,816.0	1,782.5	1,445.2	1,478.9
<b>TOTAL</b>	<b>185,608.6</b>	<b>218,207.9</b>	<b>188,602.6</b>	<b>225,954.4</b>	<b>263,137.1</b>	<b>285,314.8</b>	<b>311,227.1</b>	<b>326,148.0</b>	<b>314,425.1</b>	<b>316,582.9</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.5. Brunei Darussalam Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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.	0.0	0.1	0.1	0.1	1.1	1.2	0.1	0.3	0.4	0.5
Transport	406.0	346.2	301.5	334.4	361.5	329.1	337.4	433.0	468.7	346.0
Travel	232.8	61.6	45.5	68.3	80.4	91.7	95.7	78.8	147.3	144.1
Construction	0.0	2.9	2.9	4.2	2.6	2.8	0.0	0.3	0.0	0.0
Insurance and pension services	13.5	2.1	2.1	3.1	0.0	0.0	3.0	2.0	1.6	1.4
Financial Services	0.0	0.8	0.7	1.1	3.3	3.5	15.2	1.3	1.4	1.2
Charges for the use of intellectual property n.i.e	0.0	0.5	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Telecommunications, computer, and information services	0.0	1.8	1.8	2.6	0.0	0.0	0.1	0.2	0.1	0.2
Other business services	142.1	17.6	17.1	25.0	28.9	30.4	17.3	18.2	12.5	15.4
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.	0.0	14.8	14.4	21.0	22.8	24.0	24.0	23.7	18.6	21.7
<b>TOTAL</b>	<b>794.4</b>	<b>448.4</b>	<b>386.6</b>	<b>460.5</b>	<b>500.6</b>	<b>482.7</b>	<b>492.8</b>	<b>557.8</b>	<b>650.6</b>	<b>530.5</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition.

**Table 6.6. Brunei Darussalam Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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.	0.0	15.3	14.9	17.9	70.2	119.3	147.8	103.6	97.7	97.1
Transport	397.8	164.2	155.3	164.6	194.7	243.5	453.0	363.0	233.2	213.2
Travel	430.2	401.4	409.6	490.1	560.6	590.5	624.2	477.1	460.3	500.4
Construction	0.0	198.3	193.9	231.4	59.2	100.7	263.9	260.7	124.9	26.2
Insurance and pension services	14.2	16.6	16.2	19.3	3.2	5.4	13.2	13.7	10.9	14.4
Financial Services	6.4	1.7	1.7	2.0	0.0	0.1	78.0	30.7	0.7	41.6
Charges for the use of intellectual property n.i.e	6.6	19.4	18.9	22.6	1.6	2.8	17.3	9.2	13.9	20.1
Telecommunications, computer, and information services	12.7	38.8	37.9	45.3	27.0	45.9	82.8	129.3	100.0	43.4
Other business services	246.6	210.0	205.2	244.8	881.1	1,497.9	1,145.3	771.3	586.8	659.0
Personal, cultural, and recreational services	0.0	1.1	1.1	1.3	1.0	1.8	0.0	0.0	0.1	0.2
Government goods and services, n.i.e.	201.6	24.0	23.5	28.0	18.8	32.0	32.0	31.6	29.1	29.0
<b>TOTAL</b>	<b>1,316.1</b>	<b>1,090.8</b>	<b>1,078.2</b>	<b>1,267.3</b>	<b>1,817.4</b>	<b>2,639.9</b>	<b>2,857.5</b>	<b>2,190.2</b>	<b>1,657.6</b>	<b>1,644.6</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition.

**Table 6.7. Cambodia Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	217.4	243.9	257.4	226.0	276.0	312.9	343.7	392.3	419.4	461.8
Travel	1,020.2	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
Construction	3.4	7.6	7.2	10.5	8.4	16.6	15.3	10.2	10.1	0.9
Insurance and pension services	3.9	0.4	6.6	1.0	5.4	1.4	0.6	0.5	0.2	0.0
Financial Services	9.1	6.2	0.1	3.6	26.1	19.1	19.6	25.1	33.8	5.3
Charges for the use of intellectual property n.i.e	0.1	0.5	0.0	0.3	1.0	3.8	2.4	2.7	0.6	80.3
Telecommunications, computer, and information services	39.6	41.0	43.0	83.8	71.3	66.3	57.9	74.1	86.6	176.3
Other business services	100.4	92.2	94.3	71.9	128.7	169.0	251.0	251.9	95.7	1.2
Personal, cultural, and recreational services	1.6	2.0	2.0	1.5	2.0	2.5	3.0	3.6	0.5	71.2
Government goods and services, n.i.e.	37.1	65.7	65.4	111.2	127.5	137.8	139.7	97.4	170.8	449.1
<b>TOTAL</b>	<b>1,432.7</b>	<b>1,750.2</b>	<b>1,811.9</b>	<b>2,028.5</b>	<b>2,730.1</b>	<b>3,192.1</b>	<b>3,493.7</b>	<b>3,810.8</b>	<b>3,954.7</b>	<b>4,458.3</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition.

Note:

"-" not available at the time of publication

**Table 6.8. Cambodia Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	419.7	472.7	486.6	488.2	752.6	802.9	957.4	920.8	958.1	1,009.2
Travel	122.8	97.3	104.2	198.8	263.8	314.0	354.7	401.4	473.7	497.4
Construction	63.4	75.1	79.9	103.6	87.8	151.1	144.0	128.1	84.8	66.4
Insurance and pension services	41.4	44.7	41.0	46.0	69.7	90.7	100.3	112.6	119.0	123.3
Financial Services	7.7	4.2	5.5	21.1	3.9	5.5	29.3	8.6	3.1	52.9
Charges for the use of intellectual property n.i.e	10.2	6.4	8.4	6.3	10.1	11.1	11.9	20.5	12.5	2.0
Telecommunications, computer, and information services	37.2	39.2	37.7	46.6	43.9	46.0	51.6	118.8	133.8	92.2
Other business services	68.2	42.6	53.3	41.9	67.4	74.3	79.3	136.7	83.1	13.1
Personal, cultural, and recreational services	5.4	5.4	5.6	5.3	5.6	5.7	5.9	6.1	2.2	64.0
Government goods and services, n.i.e.	44.3	20.8	20.4	22.5	25.1	33.9	28.4	29.4	33.5	31.2
<b>TOTAL</b>	<b>820.2</b>	<b>808.3</b>	<b>842.5</b>	<b>980.2</b>	<b>1,329.7</b>	<b>1,535.2</b>	<b>1,762.8</b>	<b>1,883.0</b>	<b>1,903.8</b>	<b>1,951.6</b>

Source: ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition.

Note:

"-" not available at the time of publication

**Table 6.9. Indonesia Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-931.7	-1,595.2	-1,151.4	-216.0	1,081.2	396.7	430.1	425.0	355.6	350.5
Maintenance and repair services n.i.e.	74.0	155.9	72.3	65.2	72.6	114.0	126.6	100.5	283.5	411.3
Transport	2,206.5	2,800.2	2,439.0	2,665.4	3,456.2	3,822.3	3,610.6	3,791.0	3,456.2	3,573.0
Travel	5,346.1	7,377.4	5,597.9	6,957.9	7,996.7	8,323.6	9,119.2	10,261.1	10,761.0	11,348.5
Construction	458.8	666.7	585.5	520.1	551.3	862.7	848.5	711.7	378.7	242.8
Insurance and pension services	19.5	20.3	20.7	22.2	23.3	24.1	24.9	25.7	54.2	52.6
Financial Services	413.4	385.0	216.9	387.7	450.9	225.4	254.1	222.9	247.7	332.1
Charges for the use of intellectual property n.i.e	30.7	27.2	38.1	59.6	78.8	58.1	52.0	59.6	52.1	46.7
Telecommunications, computer, and information services	1,483.7	1,273.8	1,156.6	1,239.7	1,657.7	1,293.8	1,040.7	1,139.9	971.1	970.5
Other business services	2,185.0	2,184.3	2,527.2	4,309.4	5,788.6	7,739.2	6,640.5	6,032.5	4,917.4	5,382.3
Personal, cultural, and recreational services	55.0	77.2	75.3	104.2	158.6	210.0	187.0	149.7	111.5	89.7
Government goods and services, n.i.e.	413.6	515.2	537.1	555.1	572.4	590.5	610.1	611.4	631.8	678.2
<b>TOTAL</b>	<b>11,754.4</b>	<b>13,888.0</b>	<b>12,115.1</b>	<b>16,670.5</b>	<b>21,888.2</b>	<b>23,660.2</b>	<b>22,944.1</b>	<b>23,530.9</b>	<b>22,220.9</b>	<b>23,478.2</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition.

**Table 6.10. Indonesia Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	250.0	225.2	256.0	224.4	196.1	572.1	374.2	476.5	623.7	763.3
Transport	9,500.8	13,894.6	6,522.3	8,672.7	12,149.3	12,500.9	12,539.0	11,974.5	9,601.8	9,237.9
Travel	4,903.9	5,554.3	5,316.1	6,394.5	6,255.3	6,770.5	7,674.9	7,682.0	7,292.2	7,739.1
Construction	740.5	749.3	798.1	592.5	497.4	631.8	853.2	660.0	452.5	133.0
Insurance and pension services	664.4	682.8	1,318.2	1,153.3	1,290.2	1,096.5	1,053.7	964.1	942.3	741.5
Financial Services	693.0	561.2	551.1	597.2	754.1	694.6	707.4	620.8	744.4	916.3
Charges for the use of intellectual property n.i.e	1,085.5	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
Telecommunications, computer, and information services	1,320.0	1,489.1	1,094.0	1,131.2	1,520.9	1,443.3	1,548.1	1,620.5	1,791.1	2,143.8
Other business services	5,379.6	3,828.8	5,525.5	5,456.1	6,492.9	7,848.1	7,671.6	6,972.1	7,587.3	7,013.2
Personal, cultural, and recreational services	107.3	125.9	126.2	132.7	212.5	281.0	266.5	244.1	66.8	53.0
Government goods and services, n.i.e.	253.9	250.9	260.5	489.9	534.7	585.5	589.6	464.2	162.8	47.8
<b>TOTAL</b>	<b>24,898.9</b>	<b>28,689.7</b>	<b>23,298.0</b>	<b>26,461.0</b>	<b>31,691.4</b>	<b>34,224.4</b>	<b>35,014.6</b>	<b>33,540.6</b>	<b>30,917.5</b>	<b>30,521.3</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.11. Lao PDR Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	41.5	47.8	40.5	55.8	51.3	54.3	70.4	57.3	67.5	80.8
Travel	233.3	275.5	267.7	381.7	406.2	513.6	595.9	641.6	724.2	712.5
Construction	-	-	27.0	13.1	12.0	11.6	8.6	3.9	5.0	4.4
Insurance and pension services	7.2	8.3	10.0	11.0	24.5	3.6	44.1	11.6	10.7	0.9
Financial Services	0.0	0.0	0.0	0.0	0.6	1.3	1.3	0.8	1.3	1.4
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	17.2	27.8	28.8	27.3	31.0	34.8	40.1	38.6	34.3	29.8
Other business services	-	-	-	-	-	-	-	-	-	-
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	22.8	42.2	23.3	22.2	24.1	24.3	20.1	10.7	1.1	1.3
<b>TOTAL</b>	<b>322.0</b>	<b>401.6</b>	<b>397.3</b>	<b>511.0</b>	<b>549.7</b>	<b>643.4</b>	<b>780.4</b>	<b>764.5</b>	<b>844.1</b>	<b>831.0</b>

Source:

ASEAN Secretariat

1/ Original data were based on BPM5; data were converted to BPM6 by ASEANstats in agreement with the country.

Note:

"-" not available at the time of publication

**Table 6.12. Lao PDR Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	8.1	18.9	18.7	22.1	22.8	22.1	17.9	21.6	18.2	41.3
Travel	87.1	123.3	82.5	202.7	237.1	285.3	400.5	413.5	581.3	539.6
Construction	34.9	26.3	11.7	10.7	13.8	29.2	37.2	31.0	6.9	13.3
Insurance and pension services	16.1	11.3	11.0	13.2	32.2	28.4	50.3	10.4	12.7	7.7
Financial Services	0.0	0.0	0.0	0.0	1.5	0.1	0.2	0.0	3.2	0.4
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	-	-	-
Telecommunications, computer, and information services	2.4	4.4	5.8	8.9	8.5	11.5	16.6	13.5	15.4	16.9
Other business services	2.9	1.6	3.2	3.1	2.5	0.9	3.3	4.1	1.7	0.0
Personal, cultural, and recreational services	-	-	-	-	-	-	-	-	-	-
Government goods and services, n.i.e.	3.2	4.0	2.6	2.5	3.2	5.3	8.0	2.8	3.1	0.0
<b>TOTAL</b>	<b>154.8</b>	<b>189.8</b>	<b>135.6</b>	<b>263.1</b>	<b>321.6</b>	<b>382.8</b>	<b>534.0</b>	<b>497.0</b>	<b>642.4</b>	<b>619.2</b>

Source:

ASEAN Secretariat

1/ Original data were based on BPM5; data were converted to BPM6 by ASEANstats in agreement with the country.

Note:

"-" not available at the time of publication

**Table 6.13. Malaysia Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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
Maintenance and repair services n.i.e.	210.4	289.5	242.8	214.0	294.6	265.8	314.3	368.2	373.8	362.0
Transport	7,425.6	7,119.1	4,672.8	4,762.8	5,063.4	4,460.8	4,651.4	4,762.4	4,190.1	4,048.0
Travel	14,049.7	15,288.2	15,601.1	17,705.6	19,670.5	20,275.5	21,430.5	22,551.6	17,584.2	18,073.7
Construction	1,357.6	1,283.1	876.6	1,008.6	1,103.5	1,177.9	1,024.8	852.7	1,033.8	985.0
Insurance and pension services	357.4	372.3	284.0	323.0	439.7	539.1	447.8	460.8	374.7	337.2
Financial Services	87.6	85.8	84.5	189.9	352.7	323.4	316.8	345.6	341.1	491.3
Charges for the use of intellectual property n.i.e	37.0	197.1	265.8	97.1	148.9	135.1	108.4	75.7	89.8	111.1
Telecommunications, computer, and information services	1,177.2	1,532.1	1,893.6	2,078.7	2,424.2	2,928.1	2,847.8	2,756.5	2,655.8	2,402.0
Other business services	4,187.2	4,795.5	3,946.0	4,736.1	6,502.1	7,674.0	8,190.1	7,003.4	5,571.6	5,730.1
Personal, cultural, and recreational services	86.1	91.5	104.4	108.7	159.2	169.0	201.5	282.5	386.3	367.6
Government goods and services, n.i.e.	87.6	38.1	42.0	85.3	91.4	83.4	94.8	84.6	94.4	87.0
<b>TOTAL</b>	<b>29,063.3</b>	<b>31,092.3</b>	<b>28,013.6</b>	<b>33,822.8</b>	<b>38,879.3</b>	<b>40,629.4</b>	<b>41,981.1</b>	<b>41,967.3</b>	<b>34,847.1</b>	<b>35,270.6</b>

Source:

ASEAN Secretariat

 1/ Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.14. Malaysia Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	24.3	34.4	43.8	53.2	45.0	54.1	60.8
Maintenance and repair services n.i.e.	131.5	131.7	145.2	145.4	198.6	235.7	328.9	301.7	378.1	407.6
Transport	11,083.7	11,562.7	9,160.1	9,972.1	11,422.9	11,605.4	12,216.1	12,706.3	10,480.0	9,716.1
Travel	5,595.1	6,735.4	6,475.6	8,111.8	10,199.5	12,229.3	12,202.2	12,417.0	10,685.9	10,473.8
Construction	1,691.7	1,420.2	1,025.5	1,151.3	1,351.2	2,402.3	2,562.7	2,645.4	2,701.0	2,945.5
Insurance and pension services	683.3	724.2	533.9	2,131.7	2,530.8	2,884.2	2,756.4	2,758.9	2,361.4	2,258.3
Financial Services	203.4	301.8	229.2	472.0	495.1	522.4	453.5	413.5	430.5	528.8
Charges for the use of intellectual property n.i.e	1,183.6	1,294.8	1,117.7	1,286.5	1,639.3	1,545.3	1,390.6	1,420.8	1,288.7	1,343.1
Telecommunications, computer, and information services	1,222.9	1,617.9	1,871.7	1,934.9	2,369.8	2,771.4	3,184.5	3,133.6	3,266.3	3,068.7
Other business services	6,291.5	6,148.0	5,781.2	6,082.4	7,551.0	8,335.3	8,826.9	8,229.1	7,420.1	8,049.6
Personal, cultural, and recreational services	381.5	474.0	275.5	283.5	347.8	605.4	877.3	970.0	815.0	767.1
Government goods and services, n.i.e.	192.1	214.8	214.7	237.7	262.6	217.8	163.9	190.9	248.7	253.1
<b>TOTAL</b>	<b>28,660.2</b>	<b>30,625.5</b>	<b>26,830.4</b>	<b>31,833.5</b>	<b>38,402.9</b>	<b>43,398.3</b>	<b>45,016.1</b>	<b>45,232.3</b>	<b>40,129.8</b>	<b>39,872.6</b>

Source:

ASEAN Secretariat

 1/ Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.15. Myanmar Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	118.9	148.5	253.9
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	57.4	141.7	175.5
Transport	117.7	132.7	144.8	151.1	212.8	214.5	232.9	411.8	439.3	287.9
Travel	71.9	64.2	63.0	78.1	329.1	551.5	926.0	1,613.3	2,103.4	2,178.1
Construction	8.4	5.3	11.8	9.7	15.1	0.0	0.0	131.8	82.6	63.7
Insurance and pension services	-	-	-	-	-	-	0.1	0.0	0.0	0.0
Financial Services	-	-	-	-	-	-	-	6.0	6.3	26.8
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	24.9	21.6	11.3
Telecommunications, computer, and information services	-	-	-	-	-	80.6	80.4	188.9	351.2	219.7
Other business services	76.8	68.5	65.3	79.2	112.1	142.3	316.2	515.5	429.3	403.5
Personal, cultural, and recreational services	-	-	-	-	-	-	-	23.6	71.7	71.4
Government goods and services, n.i.e.	22.3	28.9	34.5	32.6	31.8	51.5	67.2	35.5	57.9	87.6
<b>TOTAL</b>	<b>297.1</b>	<b>299.6</b>	<b>319.4</b>	<b>350.7</b>	<b>700.9</b>	<b>1,040.4</b>	<b>1,622.8</b>	<b>3,127.6</b>	<b>3,853.5</b>	<b>3,779.4</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.16. Myanmar Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	140.3	140.5	200.3
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	24.5	42.5	70.9
Transport	353.8	418.8	377.1	403.8	757.6	687.3	861.4	1,357.0	1,399.1	1,738.0
Travel	36.4	49.4	52.4	54.6	124.2	278.1	116.2	37.4	25.3	36.6
Construction	-	-	-	-	-	-	-	92.6	38.6	23.5
Insurance and pension services	-	-	-	-	-	84.1	104.4	40.0	42.1	40.3
Financial Services	-	-	-	-	-	-	-	0.3	0.4	6.5
Charges for the use of intellectual property n.i.e	-	-	-	-	-	-	-	295.7	272.6	231.6
Telecommunications, computer, and information services	-	-	-	-	-	2.9	7.6	75.7	187.8	200.6
Other business services	266.7	87.0	62.6	223.9	194.2	249.2	360.3	184.8	269.8	320.1
Personal, cultural, and recreational services	8.0	15.0	20.7	10.9	0.1	0.1	0.1	7.4	16.7	13.3
Government goods and services, n.i.e.	24.0	18.9	24.1	36.0	23.9	21.1	25.0	7.8	2.3	17.8
<b>TOTAL</b>	<b>688.9</b>	<b>589.1</b>	<b>536.9</b>	<b>729.2</b>	<b>1,100.0</b>	<b>1,322.8</b>	<b>1,475.0</b>	<b>2,263.5</b>	<b>2,437.7</b>	<b>2,899.5</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication



**Table 6.17. Philippines Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	65.3	147.3	68.8	106.0	75.0	95.0	67.6	92.4	77.1	82.6
Transport	1,083.4	1,254.5	1,014.6	1,347.0	1,424.0	1,594.0	1,636.7	1,874.7	1,933.5	1,984.0
Travel	4,961.0	2,562.6	2,369.9	2,645.0	3,198.0	4,060.5	4,689.7	5,030.1	5,272.5	5,138.9
Construction	114.1	91.9	90.8	121.0	46.0	99.8	88.5	60.6	59.6	70.9
Insurance and pension services	51.2	26.0	62.9	67.0	74.0	74.4	100.7	129.0	118.6	83.9
Financial Services	108.6	133.4	153.5	116.0	104.0	100.5	84.7	189.9	414.2	393.2
Charges for the use of intellectual property n.i.e	5.4	2.6	1.5	4.0	5.0	7.6	3.0	9.8	11.2	9.2
Telecommunications, computer, and information services	1,365.0	1,604.0	1,897.0	2,236.0	2,769.0	3,003.2	3,335.9	3,472.4	3,460.9	5,487.4
Other business services	5,725.4	7,208.4	8,390.1	11,087.0	11,113.0	11,305.6	13,207.6	14,473.2	17,550.5	17,920.1
Personal, cultural, and recreational services	22.4	24.1	35.0	41.0	58.0	84.3	106.9	151.5	149.2	169.4
Government goods and services, n.i.e.	-	-	-	12.0	12.0	13.8	13.9	14.6	17.7	17.4
<b>TOTAL</b>	<b>13,501.7</b>	<b>13,054.8</b>	<b>14,084.1</b>	<b>17,782.0</b>	<b>18,878.0</b>	<b>20,438.7</b>	<b>23,335.2</b>	<b>25,498.1</b>	<b>29,065.0</b>	<b>31,357.2</b>

Source:

ASEAN Secretariat

1/ Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.18. Philippines Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	3.1	4.9	4.9	22.0	91.0	117.1	256.3	91.2	83.2	111.7
Transport	2,528.1	3,107.0	2,609.6	3,321.0	3,207.0	3,610.7	3,418.6	3,869.4	3,855.8	4,316.3
Travel	3,029.7	3,788.9	3,670.9	5,487.0	5,616.0	6,548.0	7,832.8	10,597.6	11,342.6	11,274.7
Construction	21.6	35.5	23.6	20.0	51.0	41.9	77.2	70.0	42.4	59.8
Insurance and pension services	293.9	1,038.0	694.9	880.0	939.0	881.3	805.2	814.9	897.1	1,302.2
Financial Services	140.7	392.4	280.9	228.0	274.0	253.0	301.8	367.0	450.7	551.8
Charges for the use of intellectual property n.i.e	385.4	387.3	412.2	446.0	442.0	471.3	529.4	547.0	612.6	546.4
Telecommunications, computer, and information services	165.0	261.0	208.1	237.0	341.0	349.4	526.6	634.1	772.9	669.5
Other business services	827.3	1,825.1	1,017.7	1,021.0	1,014.0	1,651.6	2,267.0	3,561.2	5,110.8	4,917.6
Personal, cultural, and recreational services	23.0	35.1	42.4	52.0	40.0	37.0	43.6	54.5	187.3	126.1
Government goods and services, n.i.e.	126.0	209.0	221.0	303.0	303.0	298.2	262.1	314.7	254.8	356.8
<b>TOTAL</b>	<b>7,543.7</b>	<b>11,084.3</b>	<b>9,186.2</b>	<b>12,017.0</b>	<b>12,318.0</b>	<b>14,259.5</b>	<b>16,320.4</b>	<b>20,921.6</b>	<b>23,610.2</b>	<b>24,232.7</b>

Source:

ASEAN Secretariat

1/ Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.19. Singapore Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	4,383.0	5,905.1	6,275.8	6,342.8	7,428.2	7,244.2	8,606.3	7,778.5	6,739.3	7,025.9
Transport	29,102.1	36,313.3	29,942.7	38,705.6	42,611.9	44,691.8	46,071.8	52,210.5	47,624.7	48,354.6
Travel	9,066.1	10,615.0	9,225.0	14,177.6	17,928.1	18,795.2	19,209.3	19,133.0	16,563.4	18,386.7
Construction	754.5	1,083.0	1,061.9	1,031.5	1,543.0	1,605.7	1,774.1	1,231.1	951.0	947.9
Insurance and pension services	1,667.2	2,009.1	2,635.0	3,536.3	3,863.7	3,630.8	4,096.4	4,980.0	6,093.0	6,387.6
Financial Services	10,499.4	11,110.8	10,735.1	12,213.6	15,546.1	16,560.0	18,871.6	21,132.7	21,061.0	18,872.5
Charges for the use of intellectual property n.i.e	697.8	784.2	842.4	975.7	1,661.4	1,856.8	3,176.2	3,783.7	5,180.1	5,340.4
Telecommunications, computer, and information services	1,877.8	2,598.0	2,615.4	3,543.2	3,888.7	4,218.7	4,888.3	5,207.7	6,424.1	6,455.6
Other business services	15,709.6	18,568.3	17,817.5	19,543.1	23,989.3	27,935.4	32,128.8	37,080.1	37,231.5	37,132.3
Personal, cultural, and recreational services	237.3	437.6	443.5	505.5	517.9	534.4	558.5	562.6	450.2	462.0
Government goods and services, n.i.e.	219.4	254.3	234.7	257.3	275.2	288.7	306.0	298.3	282.9	281.7
<b>TOTAL</b>	<b>74,214.3</b>	<b>89,678.8</b>	<b>81,828.9</b>	<b>100,832.2</b>	<b>119,253.8</b>	<b>127,361.7</b>	<b>139,687.3</b>	<b>153,398.2</b>	<b>148,601.3</b>	<b>149,647.1</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.20. Singapore Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	362.6	535.1	681.3	641.1	693.5	669.8	675.5	695.1	681.9	664.9
Transport	27,336.9	29,851.2	24,788.7	29,772.7	33,381.2	35,862.9	38,273.1	46,740.7	48,598.3	48,671.5
Travel	13,503.4	16,340.9	15,703.6	18,699.9	21,502.8	23,146.6	24,506.4	24,358.9	22,083.3	22,103.0
Construction	255.5	350.3	425.0	514.9	750.5	755.4	777.1	546.7	485.5	483.9
Insurance and pension services	2,371.5	2,760.2	2,802.0	4,041.2	4,531.3	4,795.4	4,808.4	4,176.4	5,449.2	5,929.8
Financial Services	2,299.4	2,520.6	2,047.9	2,562.4	3,112.4	3,257.5	3,736.7	4,380.0	4,406.0	4,529.9
Charges for the use of intellectual property n.i.e	9,626.9	13,483.3	13,227.2	16,609.9	19,619.0	22,045.2	22,566.3	20,546.1	18,698.3	19,276.8
Telecommunications, computer, and information services	1,849.2	2,393.1	2,390.0	3,537.7	4,792.3	5,461.2	7,095.8	8,634.7	8,375.1	8,375.3
Other business services	18,404.9	22,321.2	21,389.8	24,169.3	29,174.1	34,209.7	43,939.6	48,598.5	45,075.4	44,860.7
Personal, cultural, and recreational services	285.4	404.7	460.7	472.0	490.2	476.3	454.4	504.6	454.0	465.9
Government goods and services, n.i.e.	186.0	225.5	220.0	191.6	207.3	205.5	229.4	232.9	200.7	224.2
<b>TOTAL</b>	<b>76,481.6</b>	<b>91,186.0</b>	<b>84,136.2</b>	<b>101,212.7</b>	<b>118,254.6</b>	<b>130,885.4</b>	<b>147,062.7</b>	<b>159,414.6</b>	<b>154,507.7</b>	<b>155,585.9</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition

Note:

"-" not available at the time of publication

**Table 6.21. Thailand Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	6,368.8	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
Travel	16,668.8	18,172.8	16,056.0	20,104.1	27,184.1	33,855.3	41,779.6	38,417.8	44,922.3	48,751.6
Construction	518.8	614.3	472.1	472.0	441.8	440.5	817.2	612.8	533.0	462.7
Insurance and pension services	64.2	152.9	76.4	67.0	155.9	383.8	230.8	81.6	57.9	68.2
Financial Services	78.2	81.7	229.4	326.9	452.5	604.1	740.6	537.7	580.2	685.1
Charges for the use of intellectual property n.i.e	54.1	100.8	64.2	35.4	57.0	104.8	62.0	56.7	84.7	69.1
Telecommunications, computer, and information services	244.1	438.5	437.7	470.8	561.2	473.8	538.8	527.9	495.6	522.9
Other business services	5,799.9	5,829.6	6,861.6	6,588.2	6,477.2	7,517.1	7,995.7	9,163.5	8,919.8	8,609.9
Personal, cultural, and recreational services	84.4	121.9	78.9	121.2	92.1	82.6	76.9	61.1	58.1	60.1
Government goods and services, n.i.e.	232.6	327.3	263.6	240.8	292.3	336.8	390.7	353.3	363.8	290.9
<b>TOTAL</b>	<b>30,113.9</b>	<b>33,124.7</b>	<b>30,204.3</b>	<b>34,339.8</b>	<b>41,544.6</b>	<b>49,722.3</b>	<b>58,776.4</b>	<b>55,535.7</b>	<b>61,758.8</b>	<b>65,244.6</b>

Source:

ASEAN Secretariat

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

Note:

"-" not available at the time of publication

**Table 6.22. Thailand Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	18,061.0	22,975.6	14,829.8	18,857.8	21,094.4	21,759.7	21,347.0	19,063.9	15,662.3	14,795.9
Travel	5,143.8	5,011.9	4,429.3	5,627.2	5,717.3	6,247.6	6,481.4	7,070.6	7,718.2	8,840.4
Construction	642.2	787.7	782.8	711.2	307.2	224.1	709.2	762.6	850.0	597.7
Insurance and pension services	1,675.6	2,112.8	1,545.8	1,835.3	2,105.7	2,118.3	2,035.3	1,818.1	1,571.9	1,444.1
Financial Services	170.9	123.0	274.8	328.0	388.2	741.0	794.9	705.4	690.3	592.3
Charges for the use of intellectual property n.i.e	2,288.6	2,567.1	2,247.5	3,080.5	3,121.3	3,609.7	4,593.4	3,970.8	4,121.5	3,976.8
Telecommunications, computer, and information services	205.2	274.1	345.9	363.3	478.1	514.5	599.5	679.3	612.3	555.2
Other business services	9,598.1	11,887.9	9,738.7	10,254.5	12,693.2	10,213.9	10,527.9	10,844.0	10,952.2	11,628.5
Personal, cultural, and recreational services	33.6	51.3	20.3	19.6	20.8	23.3	20.8	19.3	29.4	29.8
Government goods and services, n.i.e.	252.3	230.0	214.8	255.8	171.1	219.4	292.7	313.2	310.3	317.9
<b>TOTAL</b>	<b>38,071.2</b>	<b>46,021.3</b>	<b>34,429.6</b>	<b>41,333.3</b>	<b>46,097.4</b>	<b>45,671.4</b>	<b>47,402.1</b>	<b>45,247.3</b>	<b>42,518.3</b>	<b>42,778.4</b>

Source:

ASEAN Secretariat

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

Note:

"-" not available at the time of publication

**Table 6.23. Viet Nam Exports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	1,891.1	2,364.0	2,075.0	2,313.7	2,238.0	2,082.0	2,263.0	2,406.0	2,517.0	2,573.0
Travel	3,750.0	3,930.0	3,050.0	4,450.0	5,710.0	6,850.0	7,250.0	7,410.0	7,350.0	8,250.0
Construction	19.0	21.0	13.0	14.0	18.0	20.0	80.0	90.0	98.0	107.0
Insurance and pension services	65.0	60.0	65.0	70.0	81.0	64.0	60.0	58.0	55.0	56.0
Financial Services	332.0	230.0	175.0	192.0	208.0	150.0	183.0	175.0	180.0	181.0
Charges for the use of intellectual property n.i.e	27.9	30.0	19.0	20.6	25.0	28.0	3.0	3.0	3.5	3.8
Telecommunications, computer, and information services	183.9	165.0	170.0	187.3	215.0	218.5	432.0	419.0	491.0	532.0
Other business services	74.1	79.0	80.0	64.4	48.0	54.0	262.0	297.0	350.5	366.2
Personal, cultural, and recreational services	0.0	0.0	0.0	0.0	0.2	0.5	6.0	7.0	8.0	9.0
Government goods and services, n.i.e.	45.0	50.0	100.0	105.0	110.0	110.0	125.0	137.0	142.0	150.0
<b>TOTAL</b>	<b>6,388.0</b>	<b>6,929.0</b>	<b>5,747.0</b>	<b>7,417.0</b>	<b>8,653.2</b>	<b>9,577.0</b>	<b>10,664.0</b>	<b>11,002.0</b>	<b>11,195.0</b>	<b>12,228.0</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Original data were based on BPM5; data were converted to BPM6 by ASEANstats in agreement with the country.

Note:

"-" not available at the time of publication

**Table 6.24. Viet Nam Imports of Services<sup>1/</sup>, 2007-2016**

(in US\$ million)

Service Heading	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	-	-	-	-	-	-	-	-	-	-
Maintenance and repair services n.i.e.	-	-	-	-	-	-	-	-	-	-
Transport	4,084.0	4,979.4	5,514.0	6,602.5	8,232.0	6,958.0	7,390.0	7,784.0	8,098.0	7,949.0
Travel	1,220.0	1,300.0	1,100.0	1,470.0	1,710.0	1,856.0	2,050.0	2,650.0	3,595.0	4,560.0
Construction	648.9	603.5	393.6	475.0	363.0	380.0	1,150.0	1,050.0	1,080.0	1,100.0
Insurance and pension services	461.0	473.0	406.0	481.0	567.0	874.0	911.0	1,020.0	1,140.0	780.0
Financial Services	300.0	230.0	153.0	195.0	217.0	175.0	460.0	480.0	486.0	488.0
Charges for the use of intellectual property n.i.e	41.2	25.5	65.6	76.0	97.0	110.0	556.0	570.0	608.0	610.0
Telecommunications, computer, and information services	72.9	78.4	85.8	110.5	106.0	107.0	250.0	271.0	277.0	296.0
Other business services	94.7	145.5	253.6	278.0	337.0	340.0	822.0	928.0	605.0	482.0
Personal, cultural, and recreational services	10.3	12.8	16.4	19.0	23.0	28.0	8.0	10.0	11.0	11.0
Government goods and services, n.i.e.	40.0	75.0	141.0	150.0	152.0	167.0	185.0	195.0	200.0	201.0
<b>TOTAL</b>	<b>6,973.0</b>	<b>7,923.0</b>	<b>8,129.0</b>	<b>9,857.0</b>	<b>11,804.0</b>	<b>10,995.0</b>	<b>13,782.0</b>	<b>14,958.0</b>	<b>16,100.0</b>	<b>16,477.0</b>

Source:

ASEAN Secretariat

<sup>1/</sup> Original data were based on BPM5; data were converted to BPM6 by ASEANstats in agreement with the country.

Note:

"-" not available at the time of publication

**Table 6.25. Intra-ASEAN Exports of Services<sup>1/</sup>, 2010-2016**

(in US\$ million)

Service Heading	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	156.3	184.8	144.6	158.3	173.3	109.2	49.9
Maintenance and repair services n.i.e.	878.2	890.1	986.0	855.7	760.3	751.2	888.5
Transport	7,122.7	8,357.6	9,061.5	9,273.4	8,231.7	7,595.2	8,476.0
Travel	22,912.5	27,183.5	29,181.1	31,410.5	31,126.2	27,445.0	29,344.3
Construction	756.0	829.9	1,047.1	1,311.2	1,223.0	1,326.9	1,104.5
Insurance and pension services	816.6	925.7	1,435.8	1,302.3	1,647.8	1,736.5	1,617.5
Financial Services	1,155.1	1,254.0	1,301.2	1,483.2	1,404.7	1,494.0	1,802.7
Charges for the use of intellectual property n.i.e	262.0	351.9	397.0	469.9	556.1	659.1	606.2
Telecommunications, computer, and information services	1,581.3	1,958.5	2,230.8	2,462.1	2,541.2	2,797.1	2,367.6
Other business services	6,055.1	7,436.2	8,814.4	9,316.3	8,544.7	7,968.2	8,124.3
Personal, cultural, and recreational services	250.1	262.2	283.2	284.3	312.2	357.5	475.7
Government goods and services, n.i.e.	129.8	141.5	123.1	235.6	159.3	88.7	211.3
<b>TOTAL</b>	<b>42,075.7</b>	<b>49,775.9</b>	<b>55,005.7</b>	<b>58,562.7</b>	<b>56,680.5</b>	<b>52,328.7</b>	<b>55,068.5</b>

Source: ASEAN Secretariat

<sup>1/</sup> Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition. Missing data for some Member States were estimated by ASEANstats.**Table 6.26. Intra-ASEAN Imports of Services<sup>1/</sup>, 2010-2016**

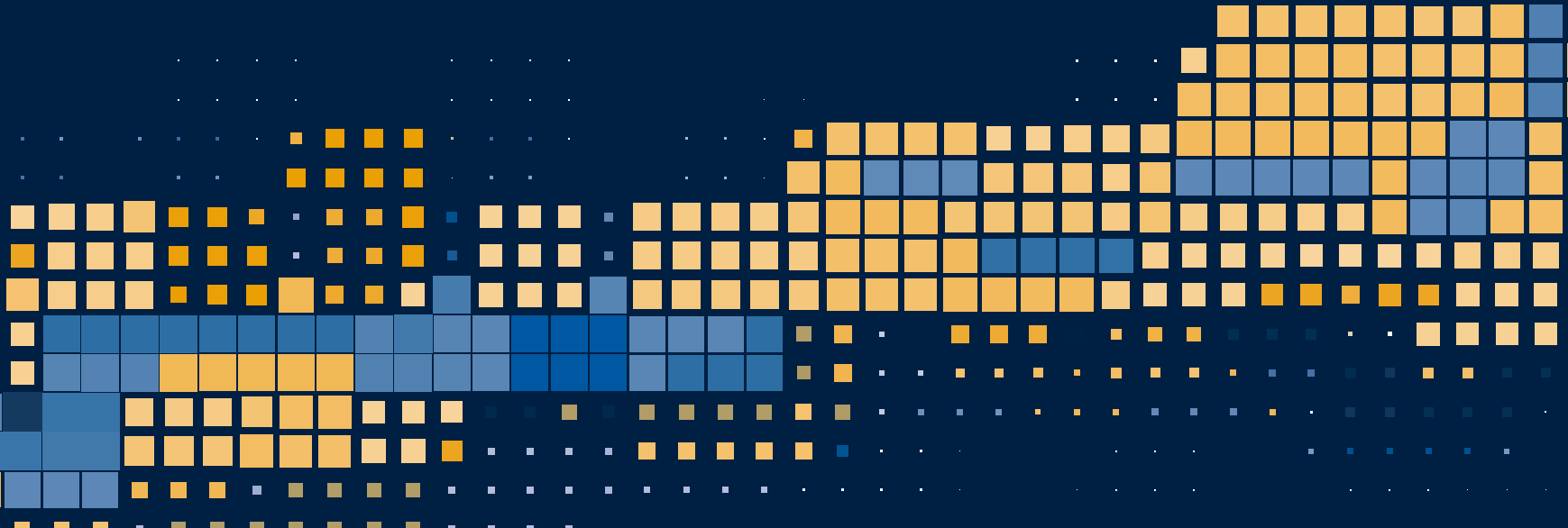
(in US\$ million)

Service Heading	2010	2011	2012	2013	2014	2015	2016
Manufacturing services on physical inputs owned by others	19.2	27.5	35.6	44.1	142.3	141.7	193.1
Maintenance and repair services n.i.e.	122.4	123.1	196.6	248.6	226.8	256.0	313.6
Transport	9,514.6	10,931.0	10,865.7	10,999.3	11,703.9	10,917.2	10,774.6
Travel	16,943.2	20,321.9	23,860.7	25,434.4	27,289.3	23,857.9	23,236.1
Construction	531.4	601.8	1,237.6	1,372.0	1,167.0	1,048.4	830.1
Insurance and pension services	1,386.7	1,734.9	2,113.7	2,088.7	1,806.2	2,172.9	1,965.6
Financial Services	563.8	636.8	551.5	533.1	478.2	630.6	716.9
Charges for the use of intellectual property n.i.e	492.7	610.1	535.3	700.3	707.3	760.7	773.4
Telecommunications, computer, and information services	1,766.4	2,205.3	2,142.9	2,763.7	2,295.4	2,534.4	2,393.7
Other business services	7,188.3	9,123.2	9,420.7	10,704.0	9,298.3	8,928.2	9,847.7
Personal, cultural, and recreational services	142.7	145.9	170.2	248.7	297.0	233.0	201.7
Government goods and services, n.i.e.	125.7	79.3	126.2	143.2	208.1	120.2	213.6
<b>TOTAL</b>	<b>38,797.0</b>	<b>46,540.8</b>	<b>51,256.6</b>	<b>55,280.1</b>	<b>55,619.8</b>	<b>51,601.2</b>	<b>51,460.1</b>

Source: ASEAN Secretariat

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





## CHAPTER 7

# Foreign Direct Investment (FDI)





**Table 7.1. Foreign Direct Investment Inward Flows in ASEAN by Host Country, 2007-2016**

(in US\$ million)

Host Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
Brunei Darussalam	260.2	330.1	371.4	625.4	1,208.3	864.8	725.5	568.2	171.3	-150.4
Cambodia	867.3	815.2	539.0	782.6	891.7	1,557.1	1,274.9	1,726.5	1,701.0	2,279.7
Indonesia	6,928.3	9,318.1	4,876.8	13,770.2	19,241.6	19,137.9	18,443.8	21,810.4	16,642.1	3,520.8
Lao PDR	323.5	227.8	318.6	332.6	466.8	294.4	426.7	913.2	1,079.2	1,075.7
Malaysia	8,538.4	7,248.4	1,405.1	9,155.9	12,000.9	9,400.0	12,107.1	10,875.3	10,180.0	11,328.8
Myanmar <sup>1/</sup>	714.8	975.6	963.3	2,248.8	2,058.2	1,354.2	2,620.9	946.2	2,824.5	2,989.5
Philippines	2,916.0	1,544.0	1,963.0	1,298.0	1,815.9	2,797.0	3,859.8	5,814.6	5,639.2	7,933.1
Singapore	43,003.8	10,413.0	18,916.8	57,214.1	39,988.0	60,872.3	55,756.3	77,482.1	62,446.8	53,912.2
Thailand	8,633.9	8,561.6	6,411.5	14,746.7	2,473.7	12,899.0	15,936.0	3,720.2	8,027.5	2,553.2
Viet Nam	6,700.0	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
<b>ASEAN</b>	<b>78,886.3</b>	<b>49,012.6</b>	<b>43,365.4</b>	<b>108,174.2</b>	<b>87,664.2</b>	<b>117,544.7</b>	<b>120,050.9</b>	<b>133,056.9</b>	<b>120,511.5</b>	<b>98,042.5</b>
<b>ASEAN 6</b>	<b>70,280.6</b>	<b>37,415.1</b>	<b>33,944.5</b>	<b>96,810.2</b>	<b>76,728.4</b>	<b>105,971.0</b>	<b>106,828.5</b>	<b>120,270.8</b>	<b>103,106.9</b>	<b>79,097.6</b>
<b>CLMV</b>	<b>8,605.6</b>	<b>11,597.5</b>	<b>9,420.9</b>	<b>11,363.9</b>	<b>10,935.8</b>	<b>11,573.7</b>	<b>13,222.5</b>	<b>12,786.1</b>	<b>17,404.6</b>	<b>18,944.9</b>

Source:  
ASEAN Secretariat

Notes:

*p/ Preliminary as of date of compilation.*

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

*Data for 2016 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 Inward Flows in ASEAN by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>8,434.5</b>	<b>8,987.5</b>	<b>8,807.8</b>	<b>16,306.4</b>	<b>16,426.6</b>	<b>23,538.0</b>	<b>18,209.3</b>	<b>21,555.9</b>	<b>21,552.4</b>	<b>24,662.0</b>
<b>REST OF THE WORLD</b>	<b>70,451.7</b>	<b>40,025.1</b>	<b>34,557.7</b>	<b>91,867.8</b>	<b>71,237.6</b>	<b>94,006.7</b>	<b>101,841.6</b>	<b>111,500.9</b>	<b>98,959.1</b>	<b>73,380.4</b>
Australia	2,046.9	1,016.6	124.7	3,958.6	5,019.2	658.2	2,194.7	4,495.3	1,891.0	3,397.3
Canada	561.3	538.2	1,344.4	1,303.3	927.4	3,894.3	750.1	1,411.1	1,153.1	198.8
China	1,997.9	732.7	2,068.7	3,488.6	7,190.1	8,168.2	6,353.5	6,184.8	6,460.5	9,799.3
EU-28	21,485.1	10,408.7	5,659.9	21,145.2	24,289.1	-1,770.1	19,656.3	37,861.4	20,827.9	32,239.0
India	2,738.8	1,441.5	283.1	3,801.2	-2,076.9	7,311.1	2,108.1	1,216.2	958.1	1,046.8
Japan	8,822.9	5,512.3	3,451.1	12,987.0	7,753.8	14,618.1	24,358.6	12,981.5	14,757.9	11,535.6
Republic of Korea	2,273.4	1,397.0	1,804.1	4,319.3	1,773.9	1,305.6	4,252.9	4,690.3	5,710.4	5,743.5
New Zealand	105.6	-45.8	-140.8	339.5	24.6	-939.6	275.4	439.6	20.3	-468.6
Russian Federation	28.0	85.5	141.5	54.5	10.1	189.1	608.0	-113.2	-29.0	56.8
USA	8,917.9	3,685.2	5,180.8	13,682.1	8,068.6	19,115.6	11,179.6	13,577.7	23,433.9	12,214.4
Others <sup>2/</sup>	21,473.9	15,253.2	14,640.2	26,788.7	18,257.7	41,456.2	30,104.5	28,756.2	23,775.1	-2,382.4
<b>Total</b>	<b>78,886.3</b>	<b>49,012.6</b>	<b>43,365.4</b>	<b>108,174.2</b>	<b>87,664.2</b>	<b>117,544.7</b>	<b>120,050.9</b>	<b>133,056.9</b>	<b>120,511.5</b>	<b>98,042.5</b>

Source:  
ASEAN Secretariat

Notes:

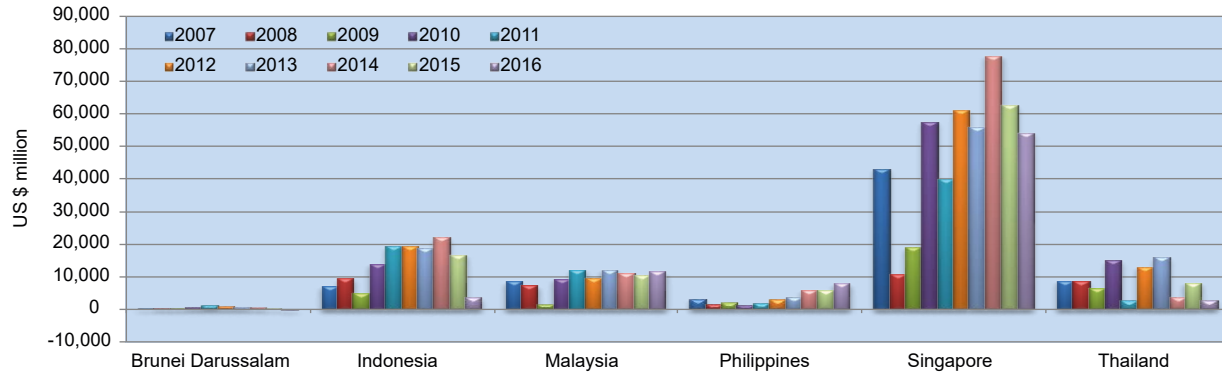
p/ Preliminary as of date of compilation.

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

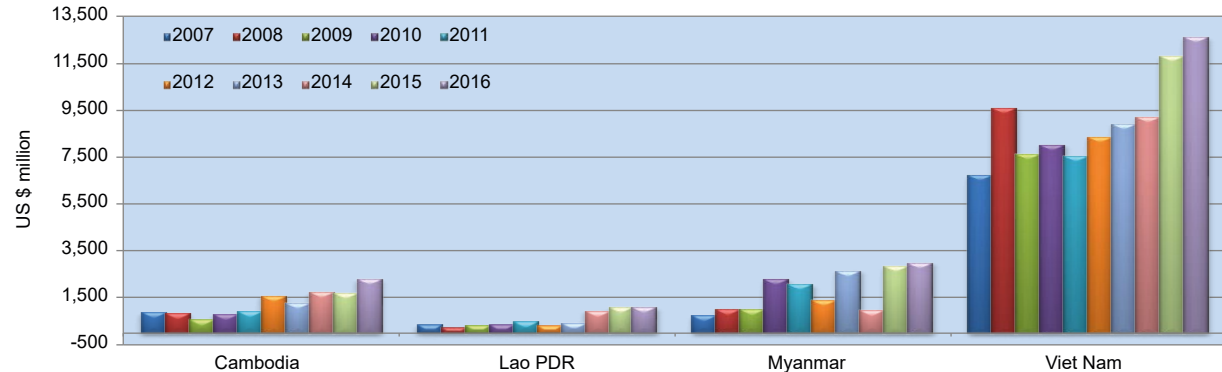
2/ Includes unspecified country source for reinvested earning in Philippines and estimated extra-ASEAN for Lao PDR (2012 and 2013)

Data for 2016 are preliminary figures.

**Graph 7.1. Net Foreign Direct Investment (FDI) Inward Flows in ASEAN6, 2007-2016**



**Graph 7.2. Net Foreign Direct Investment (FDI) Inward Flows in CLMV, 2007-2016**



**Table 7.3. Intra-ASEAN Foreign Direct Investment Inward Flows by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
Brunei Darussalam	-4.0	82.1	133.0	-35.1	155.6	848.9	268.4	-620.0	55.9	195.1
Cambodia	0.2	8.5	-8.4	17.2	33.1	2.4	-1.6	20.5	47.1	-5.4
Indonesia	678.9	420.2	1,271.0	1,311.4	1,856.1	6,168.7	2,333.3	1,254.7	726.4	1,086.8
Lao PDR	29.8	-16.0	1.5	34.5	0.4	0.1	1.1	1.9	2.2	23.7
Malaysia	456.3	3,527.5	3,495.4	3,848.5	3,999.3	3,906.6	1,176.3	1,385.8	3,503.2	5,248.5
Myanmar	61.6	68.7	72.3	69.9	118.5	98.8	95.7	97.7	31.0	51.8
Philippines	370.1	8.2	-313.6	-76.7	-555.9	892.9	-387.0	406.5	824.1	157.9
Singapore	5,855.5	4,267.0	3,330.1	8,931.4	12,716.8	9,814.7	13,267.9	15,241.2	14,695.1	15,053.5
Thailand	847.9	594.0	675.7	1,764.7	-2,209.7	1,228.3	968.4	3,554.8	1,242.9	2,534.5
Viet Nam	139.5	22.4	143.9	413.6	288.3	427.5	338.8	332.7	409.5	283.4
Unspecified	-1.4	4.9	6.9	27.1	24.1	149.1	148.0	-119.8	15.0	32.2
<b>ASEAN<sup>1/</sup></b>	<b>8,434.5</b>	<b>8,987.5</b>	<b>8,807.8</b>	<b>16,306.4</b>	<b>16,426.6</b>	<b>23,538.0</b>	<b>18,209.3</b>	<b>21,555.9</b>	<b>21,552.4</b>	<b>24,662.0</b>

Source:  
ASEAN Secretariat

Notes:

*p/ Preliminary as of date of compilation.*

*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 2016 are preliminary figures.*

**Table 7.4. Intra-ASEAN Foreign Direct Investment Inward Flows by Host Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
Brunei Darussalam	62.1	0.9	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7
Cambodia	271.2	240.9	174.0	349.0	223.8	523.0	298.8	372.5	425.4	635.8
Indonesia	1,108.2	3,398.0	1,380.1	5,904.2	8,334.5	7,587.9	8,721.1	13,083.7	9,228.6	9,770.0
Lao PDR	100.4	47.7	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6
Malaysia	3,780.1	1,645.5	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,065.3
Myanmar	93.5	103.5	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9
Philippines	-705.1	307.8	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	534.0
Singapore	1,632.7	277.1	4,076.0	5,715.1	2,581.5	11,694.5	3,240.8	4,635.6	2,803.4	5,775.6
Thailand	1,548.2	261.2	2,685.9	2,220.9	952.2	-745.4	528.2	-1,466.8	1,413.7	1,759.9
Viet Nam	543.2	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
<b>ASEAN<sup>1/</sup></b>	<b>8,434.5</b>	<b>8,987.5</b>	<b>8,807.8</b>	<b>16,306.4</b>	<b>16,426.6</b>	<b>23,538.0</b>	<b>18,209.3</b>	<b>21,555.9</b>	<b>21,552.4</b>	<b>24,662.0</b>

Source:  
ASEAN Secretariat

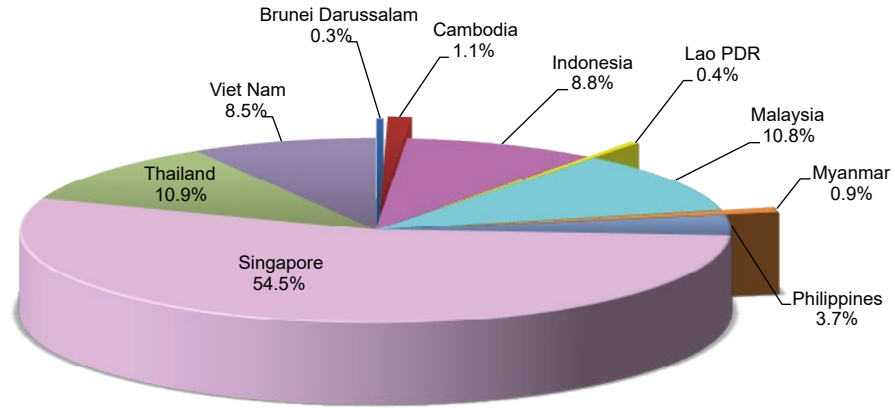
Notes:

p/ Preliminary as of date of compilation.

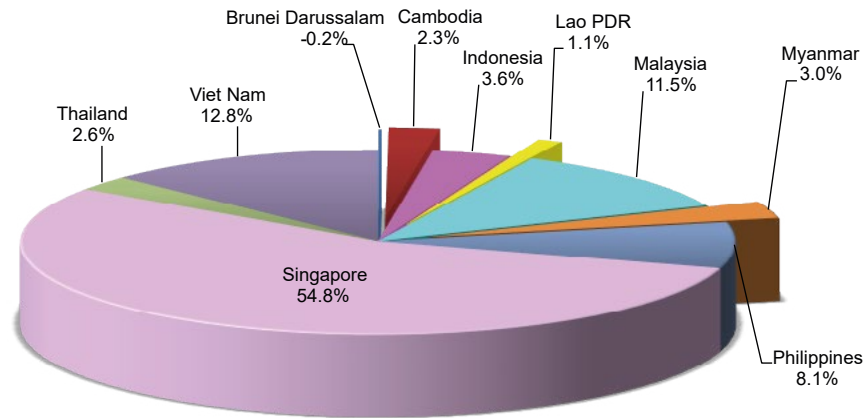
1/ Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat.

Data for 2016 are preliminary figures.

**Graph 7.3. Foreign Direct Investments in ASEAN by Host Country, 2007**



**Graph 7.4. Foreign Direct Investments in ASEAN by Host Country, 2016**



**Table 7.5. Foreign Direct Investment Inward Flows in ASEAN6 by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>7,426.2</b>	<b>5,890.5</b>	<b>8,079.9</b>	<b>14,495.6</b>	<b>14,525.9</b>	<b>21,527.6</b>	<b>14,540.5</b>	<b>18,814.8</b>	<b>16,521.1</b>	<b>19,840.1</b>
<b>REST OF THE WORLD</b>	<b>62,854.4</b>	<b>31,524.6</b>	<b>25,864.6</b>	<b>82,314.6</b>	<b>62,202.6</b>	<b>84,443.4</b>	<b>92,288.0</b>	<b>101,456.0</b>	<b>86,585.8</b>	<b>59,257.5</b>
Australia	1,984.9	897.8	83.5	3,896.4	4,892.8	627.6	2,123.3	4,384.0	1,752.8	3,122.6
Canada	493.4	220.2	1,329.5	1,278.8	901.2	3,878.1	746.4	1,280.9	1,134.8	136.6
China	1,231.7	210.2	1,452.8	1,680.0	5,678.9	7,128.2	4,326.0	4,736.6	4,824.3	7,412.8
EU-28	20,312.1	9,169.8	5,240.2	19,167.2	22,962.8	-3,103.4	18,894.2	37,091.0	19,427.2	30,641.5
India	2,723.5	1,296.1	250.9	3,782.5	-2,097.1	7,289.0	2,093.5	1,192.4	875.0	985.7
Japan	7,903.0	4,308.8	3,248.8	11,920.2	6,469.9	11,710.3	21,918.9	11,887.6	13,579.6	9,937.8
Republic of Korea	776.8	302.5	1,022.0	2,935.1	882.9	486.0	2,307.9	1,312.1	2,067.8	1,853.7
New Zealand	95.0	-48.9	-148.6	339.3	24.5	-939.6	274.8	437.8	14.6	-478.4
Russian Federation	4.7	26.0	10.4	8.0	-54.1	105.0	176.7	-120.4	-36.6	26.5
USA	8,041.3	3,407.4	1,867.3	12,737.5	7,818.2	19,017.5	11,094.1	13,396.7	23,266.3	11,907.5
Others <sup>2/</sup>	19,287.9	11,734.7	11,507.8	24,569.5	14,722.6	38,244.8	28,332.2	25,857.3	19,680.2	-6,288.8
<b>Total</b>	<b>70,280.6</b>	<b>37,415.1</b>	<b>33,944.5</b>	<b>96,810.2</b>	<b>76,728.4</b>	<b>105,971.0</b>	<b>106,828.5</b>	<b>120,270.8</b>	<b>103,106.9</b>	<b>79,097.6</b>

Source: ASEAN Secretariat

Notes:

p/ Preliminary as of date of compilation.

1/ Excludes reinvested earnings in the Philippines

2/ Includes unspecified country source for reinvested earning in Philippines

Data for 2016 are preliminary figures.

ASEAN6 comprises Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand.

**Table 7.6. Foreign Direct Investment Inward Flows in CLMV by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>1,008.3</b>	<b>3,097.1</b>	<b>727.9</b>	<b>1,810.7</b>	<b>1,900.8</b>	<b>2,010.4</b>	<b>3,668.9</b>	<b>2,741.1</b>	<b>5,031.3</b>	<b>4,821.9</b>
<b>REST OF THE WORLD</b>	<b>7,597.3</b>	<b>8,500.4</b>	<b>8,693.1</b>	<b>9,553.2</b>	<b>9,035.0</b>	<b>9,563.3</b>	<b>9,553.6</b>	<b>10,045.0</b>	<b>12,373.3</b>	<b>14,122.9</b>
Australia	62.0	118.8	41.3	62.2	126.4	30.6	71.4	111.3	138.3	274.7
Canada	67.9	318.0	14.9	24.5	26.2	16.2	3.7	130.2	18.3	62.2
China	766.1	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
EU-28	1,173.0	1,238.9	419.7	1,978.0	1,326.3	1,333.4	762.0	770.4	1,400.7	1,597.5
India	15.2	145.4	32.2	18.7	20.2	22.1	14.6	23.8	83.1	61.1
Japan	919.8	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
Republic of Korea	1,496.7	1,094.5	782.1	1,384.1	891.0	819.6	1,945.0	3,378.2	3,642.6	3,889.8
New Zealand	10.6	3.1	7.8	0.2	0.1	0.0	0.6	1.8	5.7	9.8
Russian Federation	23.2	59.5	131.0	46.5	64.2	84.0	431.2	7.2	7.7	30.3
USA	876.7	277.7	3,313.5	944.5	250.4	98.2	85.5	181.1	167.7	306.9
Others <sup>2/</sup>	2,186.0	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
<b>Total</b>	<b>8,605.6</b>	<b>11,597.5</b>	<b>9,420.9</b>	<b>11,363.9</b>	<b>10,935.8</b>	<b>11,573.7</b>	<b>13,222.5</b>	<b>12,786.1</b>	<b>17,404.6</b>	<b>18,944.9</b>

Source:  
ASEAN Secretariat

Notes:

*p/ Preliminary as of date of compilation.*

*1/ Intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat.*

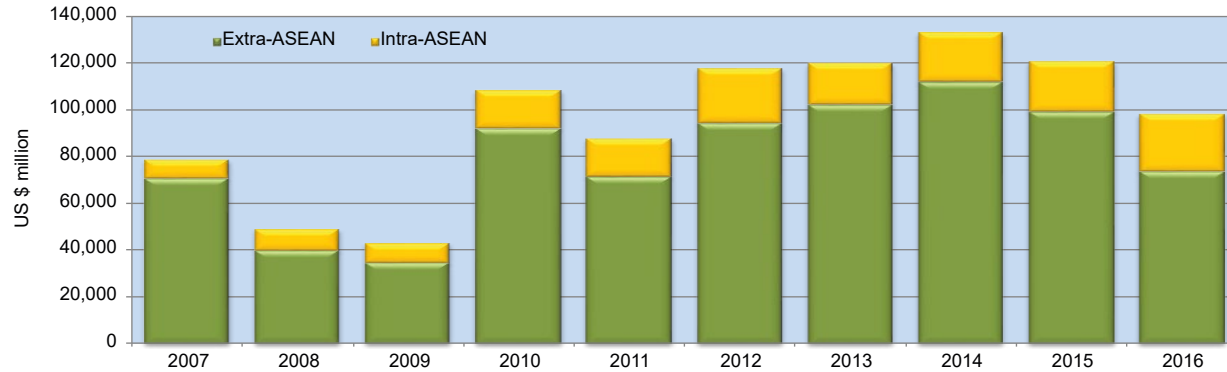
*2/ Includes estimated extra-ASEAN for Lao PDR (2012 and 2013)*

*Data for 2016 are preliminary figures.*

*CLMV stands for Cambodia, Lao PDR, Myanmar, and Viet Nam.*

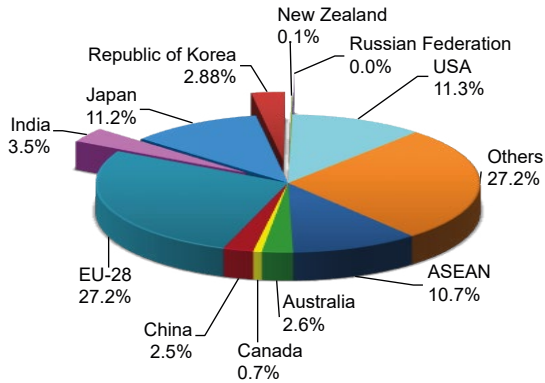


**Graph 7.5. Intra and Extra-ASEAN Net FDI Inward Flows, 2007-2016**

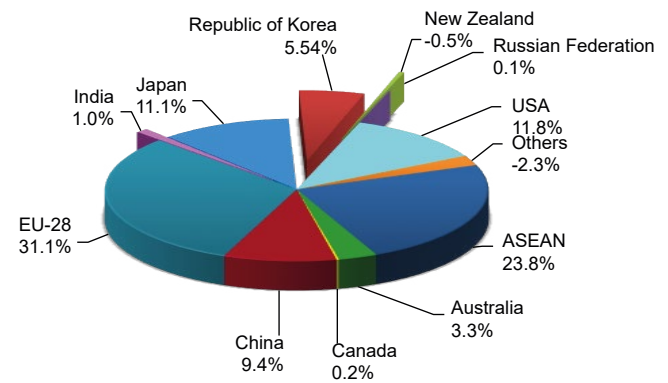


**Graph 7.6. Net FDI Inward Flows in ASEAN by Source Country**

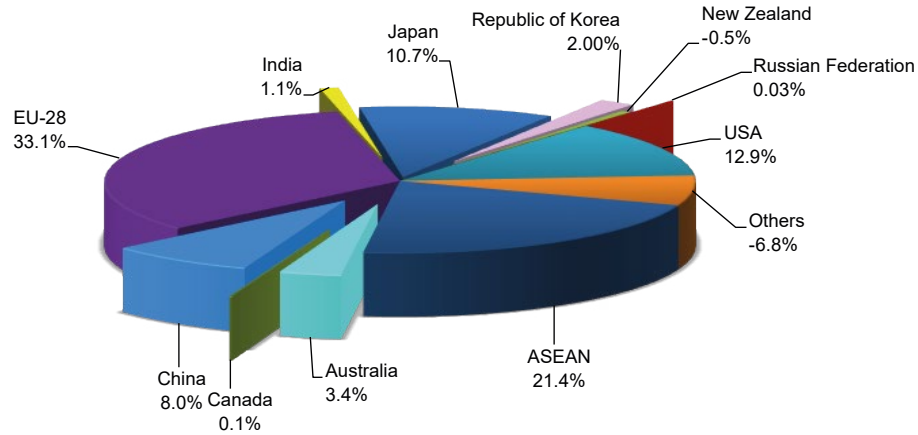
2007



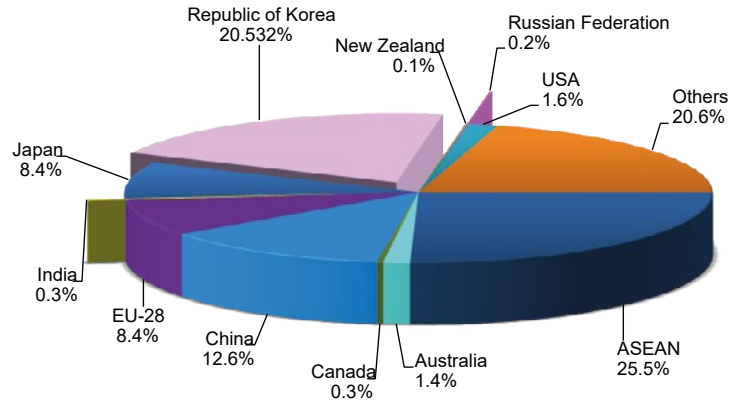
2016



**Graph 7.7. Net FDI Inward Flows in ASEAN6 by Source Country, 2016**



**Graph 7.8. Net FDI Inward Flows in CLMV by Source Country, 2016**



**Table 7.7. Foreign Direct Investment Inward Flows in Brunei Darussalam by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>P/</sup>
ASEAN <sup>1/</sup>	62.1	0.9	3.1	89.5	67.5	31.5	-58.0	141.2	86.7	-64.7
REST OF THE WORLD	198.0	329.2	368.3	535.9	1,140.8	833.3	783.5	427.0	84.7	-85.8
Australia	0.0	0.0	0.0	2.5	1.6	4.0	0.0	0.5	-3.8	0.8
Canada	26.4	0.0	0.0	0.0	0.0	0.8	25.6	60.7	0.5	0.7
China	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EU-28	37.6	206.8	295.8	447.9	983.6	615.3	601.6	367.0	83.8	-176.0
India	0.2	0.0	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0
Japan	76.6	121.1	63.5	47.6	126.5	55.6	15.8	26.6	-37.3	-3.4
Republic of Korea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	0.0	0.3	3.2	0.0	0.1	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	19.9	0.9	5.0	33.4	26.8	32.1	-5.3	-38.8	-7.1	2.2
Others <sup>2/</sup>	20.0	0.1	0.7	3.1	1.9	125.6	145.7	11.1	48.5	90.0
<b>Total</b>	<b>260.2</b>	<b>330.1</b>	<b>371.4</b>	<b>625.4</b>	<b>1,208.3</b>	<b>864.8</b>	<b>725.5</b>	<b>568.2</b>	<b>171.3</b>	<b>-150.4</b>

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 2016 are preliminary figures.

**Table 7.8. Foreign Direct Investment Inward Flows in Cambodia by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>271.2</b>	<b>240.9</b>	<b>174.0</b>	<b>349.0</b>	<b>223.8</b>	<b>523.0</b>	<b>298.8</b>	<b>372.5</b>	<b>425.4</b>	<b>635.8</b>
<b>REST OF THE WORLD</b>	<b>596.1</b>	<b>574.3</b>	<b>365.0</b>	<b>433.6</b>	<b>667.9</b>	<b>1,034.1</b>	<b>976.1</b>	<b>1,354.0</b>	<b>1,275.6</b>	<b>1,643.9</b>
Australia	29.4	32.3	5.2	36.9	20.1	23.1	19.1	33.3	31.9	35.0
Canada	4.8	1.3	8.4	6.9	6.4	5.2	-6.8	4.5	15.0	26.4
China	164.9	76.9	97.3	126.9	179.7	367.8	286.8	553.9	537.7	501.5
EU-28	79.7	76.6	26.7	43.3	54.3	126.1	115.5	138.8	180.1	194.0
India	0.0	0.0	28.0	1.0	8.5	12.0	6.1	3.3	0.5	2.3
Japan	30.9	38.1	7.4	6.4	21.9	13.8	38.5	84.9	52.5	198.7
Republic of Korea	119.3	202.7	98.2	46.7	138.6	161.7	178.2	106.3	72.0	139.6
New Zealand	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Russian Federation	0.0	6.3	12.8	10.3	10.8	10.8	10.8	2.3	0.0	0.0
USA	13.3	41.3	6.0	16.2	17.2	16.1	33.9	50.3	40.6	53.4
Others <sup>2/</sup>	152.2	98.7	75.1	138.9	210.5	297.6	294.1	376.4	345.4	492.8
<b>Total</b>	<b>867.3</b>	<b>815.2</b>	<b>539.0</b>	<b>782.6</b>	<b>891.7</b>	<b>1,557.1</b>	<b>1,274.9</b>	<b>1,726.5</b>	<b>1,701.0</b>	<b>2,279.7</b>

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 2016 are preliminary figures.

**Table 7.9. Foreign Direct Investment Inward Flows in Indonesia by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>1/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>1,108.2</b>	<b>3,398.0</b>	<b>1,380.1</b>	<b>5,904.2</b>	<b>8,334.5</b>	<b>7,587.9</b>	<b>8,721.1</b>	<b>13,083.7</b>	<b>9,228.6</b>	<b>9,770.0</b>
<b>REST OF THE WORLD</b>	<b>5,820.1</b>	<b>5,920.1</b>	<b>3,496.7</b>	<b>7,866.0</b>	<b>10,907.2</b>	<b>11,550.0</b>	<b>9,722.7</b>	<b>8,726.7</b>	<b>7,413.5</b>	<b>-6,249.2</b>
Australia	308.5	398.7	262.7	894.3	486.7	115.8	222.3	187.6	-64.0	-5.6
Canada	15.4	1.3	14.7	106.5	145.6	187.4	166.4	106.5	80.6	-11.8
China	117.2	531.0	359.2	353.6	214.9	335.1	590.8	1,068.2	323.5	354.7
EU-28	2,409.2	1,736.1	298.5	16.7	2,994.1	-225.9	-625.6	345.3	-1.9	1,512.3
India	-345.3	0.9	6.0	5.7	-0.1	7.9	8.2	3.1	36.7	55.9
Japan	1,125.1	1,144.7	895.9	3,729.5	6,175.0	7,961.7	5,557.0	5,792.6	4,010.1	2,512.7
Republic of Korea	250.5	186.2	80.5	339.9	724.5	692.0	980.8	952.8	227.6	189.6
New Zealand	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	19.2	7.1	0.3
Russian Federation	0.0	0.0	0.0	-0.3	0.0	0.1	0.0	0.0	0.1	0.0
USA	1,092.9	1,039.4	159.3	571.8	-437.7	830.2	1,063.9	-1,098.1	603.0	-335.0
Others <sup>2/</sup>	846.7	881.8	1,419.9	1,848.2	604.3	1,645.8	1,759.0	1,349.5	2,190.7	-10,522.3
<b>Total</b>	<b>6,928.3</b>	<b>9,318.1</b>	<b>4,876.8</b>	<b>13,770.2</b>	<b>19,241.6</b>	<b>19,137.9</b>	<b>18,443.8</b>	<b>21,810.4</b>	<b>16,642.1</b>	<b>3,520.8</b>

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)

**Table 7.10. Foreign Direct Investment Inward Flows in Lao PDR by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
ASEAN <sup>1/</sup>	100.4	47.7	57.3	135.4	75.0	73.6	104.6	137.9	221.8	196.6
REST OF THE WORLD	223.1	180.1	261.3	197.2	391.8	220.7	322.1	775.3	857.3	879.1
Australia	2.4	6.3	0.0	4.3	2.7	0.0	0.0	15.8	2.1	7.5
Canada	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.7
China	1.7	42.9	36.1	45.6	278.3	0.0	0.0	614.3	665.1	710.0
EU-28	14.6	10.0	11.0	27.5	3.1	0.0	0.0	51.2	24.5	15.7
India	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.9	2.5	4.2
Japan	18.2	9.9	13.5	8.3	12.1	0.0	0.0	2.1	75.8	44.2
Republic of Korea	14.6	46.9	5.9	1.7	2.0	0.0	0.0	12.6	45.7	77.3
New Zealand	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Russian Federation	6.7	7.0	0.9	5.2	5.4	0.0	0.0	0.0	1.4	0.9
USA	0.8	0.2	0.0	1.2	0.0	0.0	0.0	0.2	8.9	3.2
Others <sup>2/</sup>	164.0	56.7	190.8	103.4	88.1	220.7	322.1	77.9	31.4	15.3
<b>Total</b>	<b>323.5</b>	<b>227.8</b>	<b>318.6</b>	<b>332.6</b>	<b>466.8</b>	<b>294.4</b>	<b>426.7</b>	<b>913.2</b>	<b>1,079.2</b>	<b>1,075.7</b>

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)

"-" not available at the time of publication

Data for 2016 are preliminary figures.

**Table 7.11. Foreign Direct Investment Inward Flows in Malaysia by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>1/</sup>
ASEAN <sup>1/</sup>	3,780.1	1,645.5	-60.2	525.6	2,664.3	2,813.9	2,150.0	2,284.0	2,931.4	2,065.3
REST OF THE WORLD	4,758.3	5,602.9	1,465.3	8,630.2	9,336.6	6,586.1	9,957.1	8,591.3	7,248.6	9,263.5
Australia	88.7	98.2	181.9	6.6	158.0	539.2	121.5	-127.0	-159.2	-134.3
Canada	66.2	3.3	43.6	-2.3	7.2	23.7	38.9	83.2	60.1	-5.8
China	69.6	57.3	-121.4	-6.4	-15.3	33.7	94.2	302.2	323.6	1,415.3
EU-28	1,721.3	1,017.5	2,396.1	1,979.6	2,587.3	1,521.8	1,736.8	2,984.3	1,376.9	1,408.3
India	5.5	-70.7	108.0	40.5	-60.7	-22.8	-26.9	6.7	-11.5	-56.2
Japan	873.1	542.5	162.7	908.5	3,153.7	1,887.1	2,569.5	670.0	2,538.8	862.0
Republic of Korea	61.2	15.7	108.4	1,460.5	142.3	-58.2	-165.0	-254.4	152.4	358.9
New Zealand	0.0	-23.1	-24.5	2.8	58.1	97.5	131.2	219.8	44.8	-1.3
Russian Federation	0.6	5.3	-3.4	-7.3	-4.3	43.6	8.8	-22.9	-24.3	-4.5
USA	807.7	1,297.4	-2,278.5	2,491.8	1,171.9	-670.5	186.9	-520.1	1,491.3	1,190.6
Others <sup>2/</sup>	1,064.3	2,659.6	892.4	1,755.9	2,138.5	3,190.9	5,261.2	5,249.6	1,455.8	4,230.4
<b>Total</b>	<b>8,538.4</b>	<b>7,248.4</b>	<b>1,405.1</b>	<b>9,155.9</b>	<b>12,000.9</b>	<b>9,400.0</b>	<b>12,107.1</b>	<b>10,875.3</b>	<b>10,180.0</b>	<b>11,328.8</b>

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 2016 are preliminary figures.

**Table 7.12. Foreign Direct Investment Inward Flows in Myanmar by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
ASEAN <sup>1/</sup>	93.5	103.5	67.8	25.5	84.6	151.2	1,186.8	683.6	2,230.6	1,682.9
REST OF THE WORLD	621.3	872.1	895.5	2,223.3	1,973.6	1,203.0	1,434.1	262.6	593.8	1,306.6
Australia	0.0	0.0	0.0	4.4	12.4	1.7	0.1	0.2	0.0	0.7
Canada	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
China	349.2	349.5	370.7	1,520.9	670.6	482.2	792.6	70.5	52.4	205.5
EU-28	182.6	115.2	97.8	214.8	369.3	664.2	296.2	28.3	202.9	839.0
India	0.0	47.1	0.0	13.6	1.5	0.0	7.3	0.7	8.1	1.6
Japan	0.0	0.1	0.2	0.2	2.2	31.1	36.0	37.7	95.1	16.0
Republic of Korea	12.8	190.1	65.2	0.0	0.0	0.0	0.0	11.1	37.0	35.3
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	0.0	28.3	0.0	0.0	0.0	0.0	0.0
USA	0.0	0.0	0.0	0.0	103.2	0.0	0.0	0.0	0.0	43.3
Others <sup>2/</sup>	76.8	170.1	361.6	469.4	786.1	23.8	301.8	114.1	198.2	165.0
<b>Total</b>	<b>714.8</b>	<b>975.6</b>	<b>963.3</b>	<b>2,248.8</b>	<b>2,058.2</b>	<b>1,354.2</b>	<b>2,620.9</b>	<b>946.2</b>	<b>2,824.5</b>	<b>2,989.5</b>

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 2016 are preliminary figures.



**Table 7.13. Foreign Direct Investment Inward Flows in Philippines by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>P/</sup>
ASEAN <sup>1/</sup>	-705.1	307.8	-4.9	40.2	-74.1	145.2	-41.7	137.1	57.3	534.0
REST OF THE WORLD	3,621.1	1,236.2	1,967.9	1,257.8	1,890.0	2,651.8	3,901.5	5,677.5	5,581.9	7,399.1
Australia	1.3	1.1	-0.3	-12.2	-0.4	234.9	3.2	84.0	41.3	27.0
Canada	0.9	1.0	-3.7	4.4	5.8	0.1	0.1	31.6	-3.8	16.0
China	-0.1	-0.2	-3.3	0.2	-4.1	-1.6	6.0	46.6	59.0	19.5
EU-28	139.4	500.9	-66.6	-1,482.3	-306.5	146.1	47.2	376.8	1,182.8	1,443.1
India	0.2	-0.4	0.0	0.0	-1.6	-0.4	-0.1	-2.8	0.9	-5.9
Japan	924.5	72.6	591.4	17.7	255.7	52.8	437.5	408.1	472.0	2,638.0
Republic of Korea	14.5	31.2	14.5	6.5	20.6	3.7	2.4	576.5	131.2	87.2
New Zealand	0.0	0.0	0.0	0.0	0.6	-0.1	-0.3	-0.2	0.0	0.6
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3
USA	654.8	216.5	719.7	1,294.3	577.6	870.8	-653.2	2,307.1	1,790.8	1,343.8
Others <sup>2/</sup>	1,885.7	413.5	716.4	1,429.4	1,342.3	1,345.7	4,058.6	1,849.7	1,907.7	1,829.4
<b>Total</b>	<b>2,916.0</b>	<b>1,544.0</b>	<b>1,963.0</b>	<b>1,298.0</b>	<b>1,815.9</b>	<b>2,797.0</b>	<b>3,859.8</b>	<b>5,814.6</b>	<b>5,639.2</b>	<b>7,933.1</b>

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 2016 are preliminary figures.

**Table 7.14. Foreign Direct Investment Inward Flows in Singapore by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
ASEAN <sup>1/</sup>	1,632.7	277.1	4,076.0	5,715.1	2,581.5	11,694.5	3,240.8	4,635.6	2,803.4	5,775.6
REST OF THE WORLD	41,371.1	10,135.9	14,840.8	51,499.0	37,406.5	49,177.8	52,515.5	72,846.5	59,643.4	48,136.6
Australia	1,637.3	359.6	-485.5	3,028.6	4,240.6	-542.9	1,432.5	4,207.1	1,258.8	3,221.3
Canada	174.5	183.2	481.5	387.6	692.5	1,314.7	385.4	714.6	738.7	104.7
China	1,009.9	-400.0	1,049.3	699.3	5,462.5	6,162.6	2,696.2	3,401.3	3,812.7	5,367.6
EU-28	14,255.3	4,212.5	1,336.0	16,928.7	15,860.9	-6,676.2	18,251.2	30,955.6	17,192.8	30,700.1
India	2,959.5	1,438.4	93.4	3,642.5	-2,067.5	7,251.9	2,052.3	1,263.7	847.7	976.3
Japan	1,324.3	-599.8	0.3	2,816.9	-1,870.5	-1,953.6	2,411.9	1,709.7	2,357.3	323.6
Republic of Korea	417.9	-17.6	540.6	948.0	-101.7	-282.5	773.5	-104.3	1,027.2	1,171.0
New Zealand	93.7	-26.1	-138.9	333.1	-39.7	-1,044.0	139.0	192.8	-39.9	-480.0
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA	5,515.7	377.5	3,305.5	6,915.2	6,336.2	13,988.4	9,644.7	12,275.6	18,358.7	9,373.4
Others <sup>2/</sup>	13,983.0	4,608.2	8,658.6	15,799.1	8,893.2	30,959.4	14,728.8	18,230.4	14,089.4	-2,621.4
<b>Total</b>	<b>43,003.8</b>	<b>10,413.0</b>	<b>18,916.8</b>	<b>57,214.1</b>	<b>39,988.0</b>	<b>60,872.3</b>	<b>55,756.3</b>	<b>77,482.1</b>	<b>62,446.8</b>	<b>53,912.2</b>

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 earnings in Philippines and estimated extra-ASEAN for Lao PDR (2012 and 2013)

Data for 2016 are preliminary figures.

**Table 7.15. Foreign Direct Investment Inward Flows in Thailand by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>P/</sup>
ASEAN <sup>1/</sup>	1,548.2	261.2	2,685.9	2,220.9	952.2	-745.4	528.2	-1,466.8	1,413.7	1,759.9
REST OF THE WORLD	7,085.7	8,300.3	3,725.6	12,525.7	1,521.5	13,644.4	15,407.8	5,187.0	6,613.8	793.3
Australia	-50.9	40.3	124.7	-23.4	6.3	276.5	343.8	31.9	679.8	13.4
Canada	210.0	31.3	793.5	782.7	50.2	2,351.5	130.0	284.4	258.8	32.7
China	17.9	22.1	169.1	633.4	20.9	598.5	938.9	-81.8	305.5	255.6
EU-28	1,749.4	1,496.1	980.4	1,276.5	843.4	1,515.4	-1,117.0	2,061.9	-407.2	-4,246.3
India	103.3	-72.1	43.5	92.4	32.5	52.3	59.9	-78.3	1.1	15.6
Japan	3,579.4	3,027.6	1,535.0	4,400.0	-1,370.4	3,706.7	10,927.2	3,280.6	4,238.6	3,604.9
Republic of Korea	32.7	87.1	278.1	180.2	97.2	131.1	716.3	141.5	529.4	47.0
New Zealand	1.3	0.0	11.6	3.3	5.6	7.1	4.8	6.2	2.5	2.1
Russian Federation	4.2	20.7	13.9	15.6	-49.7	61.3	167.9	-97.6	-12.4	30.7
USA	-49.7	475.7	-43.8	1,431.0	143.4	3,966.5	857.2	471.1	1,029.5	332.4
Others <sup>2/</sup>	1,488.2	3,171.6	-180.2	3,733.8	1,742.2	977.5	2,379.0	-833.0	-11.9	705.1
<b>Total</b>	<b>8,633.9</b>	<b>8,561.6</b>	<b>6,411.5</b>	<b>14,746.7</b>	<b>2,473.7</b>	<b>12,899.0</b>	<b>15,936.0</b>	<b>3,720.2</b>	<b>8,027.5</b>	<b>2,553.2</b>

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 2016 are preliminary figures.

**Table 7.16. Foreign Direct Investment Inward Flows in Viet Nam by Source Country, 2007-2016**

(in US\$ million)

Source Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
<b>ASEAN<sup>1/</sup></b>	<b>543.2</b>	<b>2,705.0</b>	<b>428.7</b>	<b>1,300.9</b>	<b>1,517.3</b>	<b>1,262.5</b>	<b>2,078.6</b>	<b>1,547.1</b>	<b>2,153.5</b>	<b>2,306.6</b>
<b>REST OF THE WORLD</b>	<b>6,156.8</b>	<b>6,874.0</b>	<b>7,171.3</b>	<b>6,699.1</b>	<b>6,001.7</b>	<b>7,105.5</b>	<b>6,821.4</b>	<b>7,653.0</b>	<b>9,646.5</b>	<b>10,293.4</b>
Australia	30.2	80.3	36.1	16.6	91.2	5.8	52.2	62.1	104.3	231.4
Canada	62.9	316.5	6.6	17.6	19.7	11.1	10.5	125.2	3.1	35.0
China	250.3	53.1	111.7	115.1	382.6	190.0	948.2	209.6	381.0	969.4
EU-28	896.2	1,037.1	284.2	1,692.4	899.6	543.1	350.4	552.1	993.2	548.8
India	15.2	98.3	1.2	4.1	10.2	10.1	1.1	18.9	72.1	53.1
Japan	870.7	1,155.5	181.3	1,051.9	1,247.6	2,862.9	2,365.2	969.2	955.0	1,338.9
Republic of Korea	1,350.1	654.7	612.8	1,335.7	750.4	657.9	1,766.8	3,248.2	3,488.0	3,637.6
New Zealand	9.0	3.1	7.8	0.2	0.0	0.0	0.6	1.8	5.7	9.6
Russian Federation	16.5	46.1	117.4	31.0	19.8	73.3	420.5	4.8	6.2	29.3
USA	862.6	236.2	3,307.4	927.1	130.0	82.1	51.6	130.5	118.1	207.0
Others <sup>2/</sup>	1,793.0	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
<b>Total</b>	<b>6,700.0</b>	<b>9,579.0</b>	<b>7,600.0</b>	<b>8,000.0</b>	<b>7,519.0</b>	<b>8,368.0</b>	<b>8,900.0</b>	<b>9,200.1</b>	<b>11,800.0</b>	<b>12,600.0</b>

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 2016 are preliminary figures.

**Table 7.17. Foreign Direct Investment Inward Flows by Source Country/Region, 2007-2016 <sup>1/</sup>**

(in US\$ million)

Source Country/Region	Host Country/Region	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 <sup>p/</sup>
ASEAN	ASEAN6	7,426.2	5,890.5	8,079.9	14,495.6	14,525.9	21,527.6	14,540.5	18,814.8	16,521.1	19,840.1
	CLMV	1,008.3	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
	<b>Total</b>	<b>8,434.5</b>	<b>8,987.5</b>	<b>8,807.8</b>	<b>16,306.4</b>	<b>16,426.6</b>	<b>23,538.0</b>	<b>18,209.3</b>	<b>21,555.9</b>	<b>21,552.4</b>	<b>24,662.0</b>
USA	ASEAN6	8,041.3	3,407.4	1,867.3	12,737.5	7,818.2	19,017.5	11,094.1	13,396.7	23,266.3	11,907.5
	CLMV	876.7	277.7	3,313.5	944.5	250.4	98.2	85.5	181.1	167.7	306.9
	<b>Total</b>	<b>8,917.9</b>	<b>3,685.2</b>	<b>5,180.8</b>	<b>13,682.1</b>	<b>8,068.6</b>	<b>19,115.6</b>	<b>11,179.6</b>	<b>13,577.7</b>	<b>23,433.9</b>	<b>12,214.4</b>
EU-28	ASEAN6	20,312.1	9,169.8	5,240.2	19,167.2	22,962.8	-3,103.4	18,894.2	37,091.0	19,427.2	30,641.5
	CLMV	1,173.0	1,238.9	419.7	1,978.0	1,326.3	1,333.4	762.0	770.4	1,400.7	1,597.5
	<b>Total</b>	<b>21,485.1</b>	<b>10,408.7</b>	<b>5,659.9</b>	<b>21,145.2</b>	<b>24,289.1</b>	<b>-1,770.1</b>	<b>19,656.3</b>	<b>37,861.4</b>	<b>20,827.9</b>	<b>32,239.0</b>
Japan	ASEAN6	7,903.0	4,308.8	3,248.8	11,920.2	6,469.9	11,710.3	21,918.9	11,887.6	13,579.6	9,937.8
	CLMV	919.8	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
	<b>Total</b>	<b>8,822.9</b>	<b>5,512.3</b>	<b>3,451.1</b>	<b>12,987.0</b>	<b>7,753.8</b>	<b>14,618.1</b>	<b>24,358.6</b>	<b>12,981.5</b>	<b>14,757.9</b>	<b>11,535.6</b>
China	ASEAN6	1,231.7	210.2	1,452.8	1,680.0	5,678.9	7,128.2	4,326.0	4,736.6	4,824.3	7,412.8
	CLMV	766.1	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
	<b>Total</b>	<b>1,997.9</b>	<b>732.7</b>	<b>2,068.7</b>	<b>3,488.6</b>	<b>7,190.1</b>	<b>8,168.2</b>	<b>6,353.5</b>	<b>6,184.8</b>	<b>6,460.5</b>	<b>9,799.3</b>
Republic of Korea	ASEAN6	776.8	302.5	1,022.0	2,935.1	882.9	486.0	2,307.9	1,312.1	2,067.8	1,853.7
	CLMV	1,496.7	1,094.5	782.1	1,384.1	891.0	819.6	1,945.0	3,378.2	3,642.6	3,889.8
	<b>Total</b>	<b>2,273.4</b>	<b>1,397.0</b>	<b>1,804.1</b>	<b>4,319.3</b>	<b>1,773.9</b>	<b>1,305.6</b>	<b>4,252.9</b>	<b>4,690.3</b>	<b>5,710.4</b>	<b>5,743.5</b>
Australia	ASEAN6	1,984.9	897.8	83.5	3,896.4	4,892.8	627.6	2,123.3	4,384.0	1,752.8	3,122.6
	CLMV	62.0	118.8	41.3	62.2	126.4	30.6	71.4	111.3	138.3	274.7
	<b>Total</b>	<b>2,046.9</b>	<b>1,016.6</b>	<b>124.7</b>	<b>3,958.6</b>	<b>5,019.2</b>	<b>658.2</b>	<b>2,194.7</b>	<b>4,495.3</b>	<b>1,891.0</b>	<b>3,397.3</b>
India	ASEAN6	2,723.5	1,296.1	250.9	3,782.5	-2,097.1	7,289.0	2,093.5	1,192.4	875.0	985.7
	CLMV	15.2	145.4	32.2	18.7	20.2	22.1	14.6	23.8	83.1	61.1
	<b>Total</b>	<b>2,738.8</b>	<b>1,441.5</b>	<b>283.1</b>	<b>3,801.2</b>	<b>-2,076.9</b>	<b>7,311.1</b>	<b>2,108.1</b>	<b>1,216.2</b>	<b>958.1</b>	<b>1,046.8</b>

Source:  
ASEAN Secretariat

Notes:

p/ Preliminary as of date of compilation.

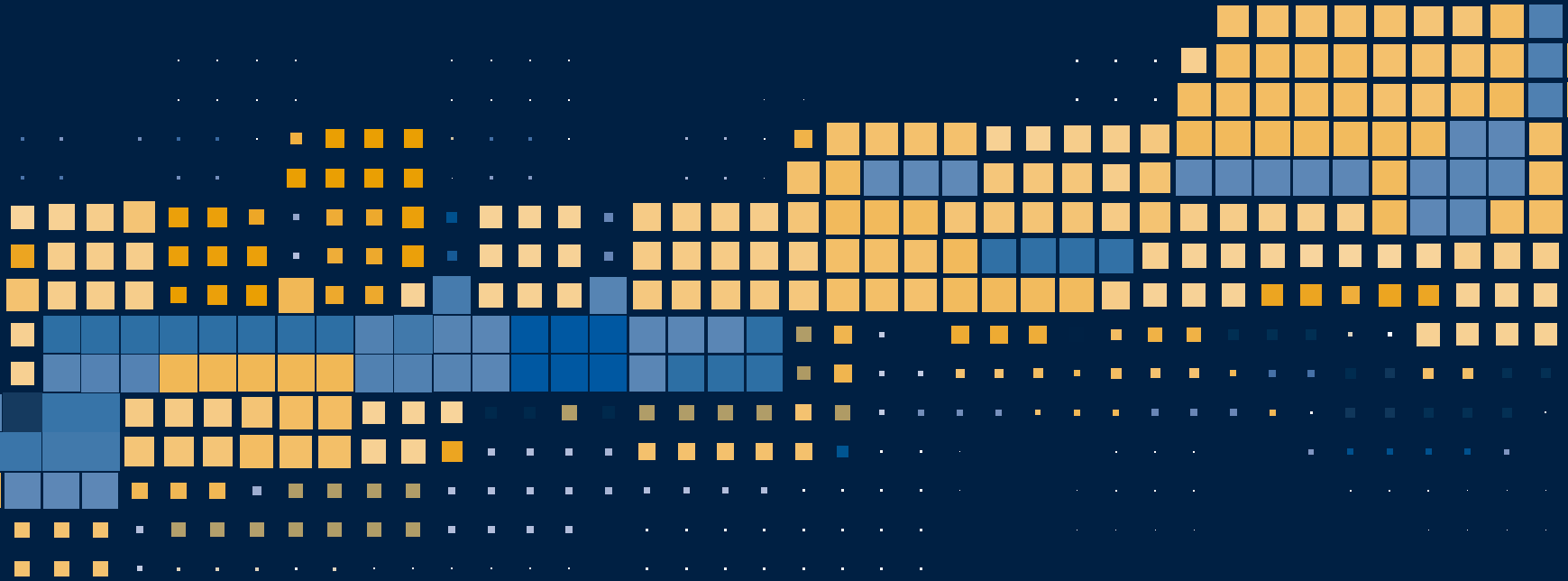
1/ Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat.

Data for 2016 are preliminary figures.

**Table 7.18. ASEAN Top Ten FDI Country Source, 2013-2016**

2013			2014			2015			2016		
Country	Value	Share	Country	Value	Share	Country	Value	Share	Country	Value	Share
Japan	24,358.6	20.3	EU-28	37,861.4	28.5	USA	23,433.9	19.4	EU-28	32,239.0	32.9
EU-28	19,656.3	16.4	ASEAN	21,555.9	16.2	ASEAN	21,552.4	17.9	ASEAN	24,662.0	25.2
ASEAN	18,209.3	15.2	USA	13,577.7	10.2	EU-28	20,827.9	17.3	USA	12,214.4	12.5
USA	11,179.6	9.3	Japan	12,981.5	9.8	Japan	14,757.9	12.2	Japan	11,535.6	11.8
China	6,353.5	5.3	Hong Kong	8,627.3	6.5	China	6,460.5	5.4	Hong Kong	9,885.0	10.1
Hong Kong	4,449.8	3.7	China	6,184.8	4.6	Republic of Korea	5,710.4	4.7	China	9,799.3	10.0
Republic of Korea	4,252.9	3.5	Republic of Korea	4,690.3	3.5	Hong Kong	4,142.0	3.4	Republic of Korea	5,743.5	5.9
Australia	2,194.7	1.8	Australia	4,495.3	3.4	Taiwan	2,421.5	2.0	Taiwan	4,197.4	4.3
India	2,108.1	1.8	Taiwan	1,872.6	1.4	Australia	1,891.0	1.6	Australia	3,397.3	3.5
Seychelles	1,305.8	1.1	Canada	1,411.1	1.1	Canada	1,153.1	1.0	India	1,046.8	1.1
<b>Top Ten Countries</b>	<b>94,068.6</b>	<b>78.4</b>	<b>Top Ten Countries</b>	<b>113,258.0</b>	<b>85.1</b>	<b>Top Ten Countries</b>	<b>102,350.6</b>	<b>84.9</b>	<b>Top Ten Countries</b>	<b>114,720.3</b>	<b>117.0</b>
<b>Others</b>	<b>25,982.4</b>	<b>21.6</b>	<b>Others</b>	<b>19,798.9</b>	<b>14.9</b>	<b>Others</b>	<b>18,160.9</b>	<b>15.1</b>	<b>Others</b>	<b>(16,677.8)</b>	<b>(17.0)</b>
<b>TOTAL</b>		<b>100.0</b>	<b>TOTAL</b>		<b>100.0</b>	<b>TOTAL</b>		<b>100.0</b>	<b>TOTAL</b>		<b>100.0</b>
	<b>120,050.9</b>			<b>133,056.9</b>			<b>120,511.5</b>			<b>98,042.5</b>	

Source:  
ASEAN Secretariat



# CHAPTER 8

# **Transport**





**Table 8.1. ASEAN Road Infrastructure, 2007- 2016**

Road Infrastructure	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Length (Km)	2007	2,719	30,391	421,535	37,770	91,892	111,700	29,370	3,300	223,564	-
	2008	2,736	30,652	437,759	39,546	90,467	125,400	29,650	3,330	223,859	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	229,435	295,100
	2011	2,869	44,919	496,607	41,032	157,167	150,816	31,359	3,410	230,926	300,848
	2012	2,909	51,422	504,184	43,601	182,699	151,298	31,598	3,430	231,620	326,000
	2013	2,936	51,404	508,000	45,825	205,949	164,969	32,227	3,453	232,196	-
	2014	2,976	54,480	517,753	51,597	205,787	103,953	32,526	3,496	233,175	-
	2015	2,999	54,667	518,153	56,330	216,834	116,398	32,633	-	234,073	-
	2016	-	54,541	518,153	58,885	238,823	136,102	-	-	234,754	-
Length of Paved Network (Km)	2007	2,233	2,300	256,548	4,734	73,054	24,670	21,006	3,297	175,442	-
	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	-
	2014	2,783	5,959	287,926	8,272	156,692	37,324	27,816	3,496	189,166	-
	2015	2,805	6,521	295,968	8,830	166,054	50,345	28,919	-	190,077	-
	2016	-	6,901	-	10,395	182,198	48,056	-	-	190,805	-

Source:  
 ASEAN Secretariat  
 Data submission from ASEAN Member States under the ASEAN-  
 Japan Transport Partnership Framework, as of October 2017

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

**Table 8.2. ASEAN Road Fleet, 2007- 2016**

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Vehicle Registration in ('000)	2007	192	154	54,803	641	16,814	1,024	5,530	851	24,738	787
	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	260	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	104,119	1,439	23,819	4,017	7,690	974	33,520	-
	2014	294	344	114,209	1,587	25,101	4,908	8,081	972	34,682	-
	2015	-	398	122,006	1,718	26,302	5,385	8,706	957	35,547	-
2016	-	459	122,006	1,845	27,613	6,126	-	956	36,125	-	
No. of Goods' Vehicles ('000)	2007	10	3	4,234	15	871	57	281	151	748	317
	2008	8	3	4,452	19	909	59	296	156	772	398
	2009	7	3	4,498	23	936	60	312	158	791	476
	2010	7	2	4,688	25	966	64	318	158	817	552
	2011	10	3	4,959	27	998	67	329	160	853	597
	2012	14	5	5,286	33	1,032	71	342	160	898	651
	2013	13	5	5,615	38	1,116	111	358	160	963	-
	2014	20	5	6,235	44	1,160	169	-	162	1,008	-
	2015	-	6	6,505	48	1,198	239	384	162	1,031	-
2016	-	6	6,505	52	1,191	296	-	163	1,056	-	

**Table 8.2. ASEAN Road Fleet, 2007- 2016 (Continued)**

Road Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Total Vehicles per 1000 population	2007	518	11	243	109	621	21	62	185	375	9
	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	324	161	706	45	71	186	409	15
	2011	377	17	354	171	736	47	75	185	432	17
	2012	596	18	385	198	769	71	76	183	463	18
	2013	644	19	418	215	795	78	77	180	491	-
	2014	715	23	448	233	829	95	80	178	505	-
	2015	-	27	478	265	843	103	86	173	529	-
	2016	-	30	472	279	873	116	-	171	536	-
Total Goods' Vehicles per 1000 population	2007	27.5	0.2	18.8	2.6	32.2	1.2	3.2	32.9	11.3	3.8
	2008	21.5	0.2	19.5	3.2	33.0	1.2	3.3	32.2	11.6	4.7
	2009	17.6	0.2	19.4	3.8	33.3	1.2	3.4	31.7	11.8	5.5
	2010	17.5	0.2	19.7	4.1	33.8	1.3	3.4	31.1	12.1	6.3
	2011	24.8	0.2	20.5	4.2	34.3	1.3	3.4	30.9	12.6	6.8
	2012	33.9	0.3	21.5	5.1	35.0	1.4	3.5	30.1	13.2	7.3
	2013	31.3	0.3	22.6	5.8	37.3	2.2	3.6	29.6	14.1	-
	2014	48.5	0.4	22.9	6.5	38.3	3.3	-	29.6	14.7	-
	2015	-	0.4	25.5	7.4	38.4	4.6	3.8	29.3	15.3	-
	2016	-	0.4	25.1	7.9	37.6	5.6	-	29.1	15.7	-

Source:  
ASEAN Secretariat

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

**Table 8.3. ASEAN Railways, 2007-2016**

Railways, Passengers and Freights	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore <sup>1/</sup>	Thailand	Viet Nam
Route Length (Km)	2007	n.a.	652	4,803	n.a.	1,665	5,038	85	138	4,043	2,577
	2008	n.a.	652	4,782	n.a.	1,665	5,125	85	138	4,043	2,577
	2009	n.a.	652	4,812	n.a.	1,665	5,301	85	148	4,034	2,577
	2010	n.a.	652	4,816	3.5	1,665	5,672	195	159	4,034	2,577
	2011	n.a.	652	4,827	3.5	1,641	5,844	532	175	4,034	2,547
	2012	n.a.	652	4,861	3.5	1,641	5,844	568	178	4,034	2,554
	2013	n.a.	652	5,107	3.5	1,641	5,959	528	182	4,034	-
	2014	n.a.	652	5,196	3.5	1,641	6,110	528	183	4,034	-
	2015	n.a.	652	5,204	3.5	1,641	6,110	495	200	4,034	-
2016	n.a.	652	5,204	3.5	1,641	6,077	-	200	4,034	-	
Passengers Carried ('000)	2007	n.a.	11	168,205	n.a.	3,714	73,600	317,000	587,650	45,049	11,600
	2008	n.a.	5	197,774	n.a.	3,971	75,200	346,000	655,140	47,834	11,300
	2009	n.a.	0	207,131	n.a.	4,267	72,300	350,000	682,550	47,938	11,100
	2010	n.a.	0	201,930	120	4,216	68,800	381,910	792,050	44,534	11,200
	2011	n.a.	0	191,686	120	3,686	66,900	395,540	879,650	44,054	11,900
	2012	n.a.	0	202,881	340	3,056	54,800	431,244	969,900	41,760	11,820
	2013	n.a.	0	220,414	320	2,703	53,700	439,229	1,005,575	37,343	-
	2014	n.a.	0	277,683	387	2,223	49,536	436,092	1,131,500	36,424	-
	2015	n.a.	0	328,000	380	2,014	42,707	360,210	-	35,127	-
2016	n.a.	0	351,000	308	2,791	42,602	-	-	30,552	-	

**Table 8.3. ASEAN Railways, 2007-2016 (Continued)**

Railways, Passengers and Freights	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore <sup>1/</sup>	Thailand	Viet Nam
Passengers- Kilometer (Mn)	2007	n.a.	1.0	15,872	n.a.	1,309	5,279	2,714	6,322	8,051	4,660
	2008	n.a.	0.4	18,511	n.a.	1,468	5,482	2,962	7,039	8,570	4,560
	2009	n.a.	0	20,697	n.a.	1,522	5,296	2,996	7,196	8,578	4,138
	2010	n.a.	0	20,282	0.4	1,529	5,336	7,552	7,880	8,083	4,378
	2011	n.a.	0	17,824	0.5	1,426	5,282	9,015	8,448	7,504	4,569
	2012	n.a.	0	15,278	0.9	1,216	3,921	9,924	8,967	7,566	4,512
	2013	n.a.	0	17,588	0.9	1,081	3,610	8,605	9,151	6,784	-
	2014	n.a.	0	15,231	0.3	618	3,466	8,631	9,391	6,473	-
	2015	n.a.	0	-	0.1	428	3,111	1,450	-	6,133	-
	2016	n.a.	0	-	0.1	272	3,112	-	-	-	-
Freight-Kilometer (Mn ton kilometer)	2007	n.a.	89	4.4	n.a.	1,355	828	-	n.a.	2,688	3,883
	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	4,099
	2012	n.a.	0	7.3	-	1,564	1,041	-	n.a.	2,342	3,949
	2013	n.a.	0	8.2	-	1,760	841	-	n.a.	2,527	-
	2014	n.a.	0	9.5	-	1,741	812	-	n.a.	2,231	-
	2015	n.a.	0	6.8	-	1,474	770	-	n.a.	2,395	-
	2016	n.a.	0	-	-	1,349	706	-	n.a.	-	-

Source:  
ASEAN Secretariat

Note:

<sup>1/</sup> Singapore data is based on rail transit network in Singapore (MRT & LRT).

- means not available at the time of publication

n.a. - not applicable

**Table 8.4. Domestic Maritime: Number of Ports and Fleet, 2007-2016**

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Ports	2007	n.a.	7	1,887	n.a.	5	22	413	n.a.	322	n.a.
	2008	n.a.	7	1,895	n.a.	14	22	413	n.a.	235	n.a.
	2009	n.a.	7	1,906	n.a.	14	22	413	n.a.	212	n.a.
	2010	n.a.	7	2,187	n.a.	14	22	82	n.a.	215	n.a.
	2011	n.a.	5	2,187	n.a.	13	22	180	n.a.	216	n.a.
	2012	n.a.	5	2,187	n.a.	13	22	211	n.a.	242	n.a.
	2013	n.a.	5	2,075	n.a.	13	22	412	n.a.	242	n.a.
	2014	n.a.	5	2,150	n.a.	13	22	412	n.a.	242	n.a.
	2015	n.a.	5	-	n.a.	13	22	412	n.a.	242	n.a.
	2016	n.a.	5	-	n.a.	13	22	412	n.a.	242	n.a.
Domestic Passengers Traffic ('000)	2007	n.a.	-	7,072	n.a.	-	377	44,429	n.a.	14,372	350
	2008	n.a.	-	7,198	n.a.	-	340	43,871	n.a.	13,533	511
	2009	n.a.	-	7,666	n.a.	11,462	205	43,556	n.a.	12,056	303
	2010	n.a.	-	5,097	n.a.	14,620	150	52,702	n.a.	13,985	360
	2011	n.a.	-	5,658	n.a.	14,718	85	48,354	n.a.	21,442	414
	2012	n.a.	-	6,746	n.a.	15,275	74	53,156	n.a.	22,601	1,248
	2013	n.a.	-	6,618	n.a.	16,802	123	53,870	n.a.	20,229	-
	2014	n.a.	-	6,907	n.a.	3,322	28	55,826	n.a.	20,312	-
	2015	n.a.	-	2,075	n.a.	5,293	12	54,013	n.a.	28,893	-
	2016	n.a.	-	-	n.a.	5,127	2	-	n.a.	-	-

**Table 8.4. Domestic Maritime: Number of Ports and Fleet, 2007-2016 (Continued)**

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Throughput ('000 ton)	2007	n.a	452	227,955	n.a.	-	2,180	74,591	n.a.	31,216	42,940
	2008	n.a	862	242,890	n.a.	-	1,921	72,001	n.a.	35,982	42,810
	2009	n.a	1,578	286,367	n.a.	-	1,907	71,484	n.a.	35,692	60,227
	2010	n.a	-	308,990	n.a.	-	2,519	69,797	n.a.	36,731	75,500
	2011	n.a	-	320,990	n.a.	-	2,421	74,113	n.a.	41,273	87,941
	2012	n.a	-	355,023	n.a.	-	2,701	77,474	n.a.	44,261	79,784
	2013	n.a	2,101	387,546	n.a.	-	2,543	77,961	n.a.	45,441	-
	2014	n.a	-	408,606	n.a.	-	3,342	77,906	n.a.	46,673	-
	2015	n.a	-	685,999	n.a.	-	3,023	83,805	n.a.	51,872	-
	2016	n.a	-	-	n.a.	-	3,510	-	n.a.	-	-

Source:  
ASEAN Secretariat

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

**Table 8.5. International Maritime: Number of Ports and Fleet, 2007-2016**

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No. of International Ports	2007	1	2	141	n.a.	10	9	13	2	7	150
	2008	1	2	141	n.a.	10	9	13	2	7	166
	2009	1	2	141	n.a.	10	9	13	2	7	242
	2010	1	2	141	n.a.	10	9	22	2	7	250
	2011	1	3	141	n.a.	15	9	35	2	7	329
	2012	1	3	141	n.a.	15	9	38	2	7	240
	2013	1	3	136	n.a.	15	9	150	2	7	-
	2014	1	3	136	n.a.	15	9	150	2	7	-
	2015	1	3	-	n.a.	15	9	150	2	7	-
	2016	1	3	-	n.a.	15	9	150	2	8	-
International Passengers Traffic ('000)	2007	n.a.	3	2,059	n.a.	1,331	4	40	-	275	-
	2008	n.a.	24	1,720	n.a.	2,309	5	47	-	306	-
	2009	n.a.	40	1,815	n.a.	1,998	3	46	-	348	-
	2010	1,058	48	1,723	n.a.	4,348	1	37	-	486	-
	2011	999	16	1,797	n.a.	3,050	7	58	-	552	-
	2012	230	41	1,933	n.a.	2,137	6	54	-	612	-
	2013	222	21	1,757	n.a.	1,525	7	42	-	705	-
	2014	203	25	1,909	n.a.	1,709	18	43	-	659	-
	2015	208	36	-	n.a.	1,830	34	-	-	4,504	-
	2016	-	35	-	n.a.	1,397	22	-	-	-	-



**Table 8.5. International Maritime: Number of Ports and Fleet, 2007-2016 (Continued)**

Maritime Port and Fleet	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
International Cargo Throughput (Mn ton)	2007	1.0	1.8	531.9	n.a.	-	10.9	82.8	484	142	121
	2008	0.9	2.1	536.5	n.a.	-	12.5	73.9	515	147	136
	2009	0.9	1.9	551.0	n.a.	-	19.1	78.8	472	132	171
	2010	1.1	2	567.2	n.a.	-	19.8	96.6	503	130	154
	2011	1.0	2	580.9	n.a.	-	21.5	103.7	531	157	155
	2012	1.2	3	597.7	n.a.	-	24.6	118.3	538	178	174
	2013	1.0	3	609.1	n.a.	-	24.9	124.1	561	170	-
	2014	0.8	3	653.3	n.a.	-	27.3	133.3	581	183	-
	2015	1.9	4	-	n.a.	-	28.4	125.9	576	208	-
	2016	-	4	-	n.a.	-	32.6	-	593	-	-
International Cargo Throughput ('000 TEU <sup>1/</sup> )	2007	99	253	424	n.a.	5,663	197	-	27,936	6,177	3,716
	2008	90	259	433	n.a.	6,047	227	-	29,918	6,680	4,152
	2009	86	208	443	n.a.	5,684	264	-	25,867	5,932	4,437
	2010	92	223	465	n.a.	6,464	303	-	28,431	6,499	5,363
	2011	101	238	525	n.a.	6,720	347	2,970	29,938	7,091	5,823
	2012	116	255	602	n.a.	6,956	408	3,146	31,649	7,056	6,519
	2013	112	286	710	n.a.	7,108	478	3,181	32,579	7,547	-
	2014	106	333	785	n.a.	7,298	617	3,290	33,869	8,119	-
	2015	103	391	-	n.a.	7,412	745	3,225	30,922	8,359	-
2016	-	400	-	n.a.	7,745	1,026	-	30,904	8,507	-	

Source: ASEAN Secretariat

Notes:

-/- - 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, 2007-2016**

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of Domestic Airports	2007	n.a.	6	160	9	15	60	76	n.a.	29	15
	2008	n.a.	6	161	9	15	60	75	n.a.	29	16
	2009	n.a.	5	161	9	15	30	76	n.a.	29	14
	2010	n.a.	5	204	9	15	30	76	n.a.	29	14
	2011	n.a.	5	211	9	16	30	76	n.a.	29	14
	2012	n.a.	5	216	9	22	30	75	n.a.	29	12
	2013	n.a.	5	208	9	25	30	74	n.a.	29	-
	2014	n.a.	5	208	9	25	30	74	n.a.	29	-
	2015	n.a.	5	208	9	25	30	73	n.a.	30	-
	2016	n.a.	5	208	9	25	31	-	n.a.	31	-
Domestic Passengers Traffic ('000)	2007	n.a.	187	39,162	250	26,137	1,089	20,947	n.a.	26,614	5,794
	2008	n.a.	182	37,405	263	27,354	826	22,814	n.a.	24,907	7,025
	2009	n.a.	143	43,808	243	29,235	773	28,836	n.a.	26,420	8,586
	2010	n.a.	136	51,775	283	30,791	862	26,550	n.a.	26,935	10,349
	2011	n.a.	144	60,197	311	34,239	1,381	36,416	n.a.	31,184	11,918
	2012	n.a.	172	71,421	463	35,634	1,602	41,786	n.a.	36,325	12,159
	2013	n.a.	214	75,770	447	42,984	1,775	38,181	n.a.	43,331	-
	2014	n.a.	299	76,498	512	45,104	1,966	31,462	n.a.	50,623	-
	2015	n.a.	436	76,630	495	45,931	2,097	36,682	n.a.	64,958	-
	2016	n.a.	423	83,308	506	47,966	2,352	-	n.a.	70,517	-

**Table 8.6. Domestic Civil Aviation, 2007-2016 (Continued)**

Civil Aviation	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Domestic Cargo Traffic ('000 ton)	2007	n.a.	0.040	288	0.8	179	2.2	354	n.a.	110	85
	2008	n.a.	0.012	346	0.6	174	0.7	265	n.a.	106	90
	2009	n.a.	0.008	344	0.4	151	3.4	345	n.a.	104	100
	2010	n.a.	0	416	0.7	174	0.8	284	n.a.	121	124
	2011	n.a.	0.012	483	0.4	178	0.9	295	n.a.	131	129
	2012	n.a.	0.001	571	0.5	167	1.3	342	n.a.	130	122
	2013	n.a.	6	539	1.6	168	2.4	317	n.a.	119	-
	2014	n.a.	183	584	1.5	182	4.0	683	n.a.	114	-
	2015	n.a.	252	556	1.1	193	1.7	-	n.a.	115	-
	2016	n.a.	153	573	0.7	189	1.4	-	n.a.	119	-
No. of Aircraft Traffic ('000)	2007	n.a.	6	484	-	204	17	451	n.a.	249	47
	2008	n.a.	9	341	-	332	22	499	n.a.	234	55
	2009	n.a.	6	391	-	351	22	268	n.a.	219	67
	2010	n.a.	5	418	-	383	24	433	n.a.	239	82
	2011	n.a.	6	505	-	417	38	404	n.a.	272	102
	2012	n.a.	6	615	196	417	46	913	n.a.	368	105
	2013	n.a.	9	638	216	502	50	768	n.a.	368	-
	2014	n.a.	2	636	240	544	56	597	n.a.	417	-
	2015	n.a.	2	657	252	558	63,009	-	n.a.	522	-
2016	n.a.	3	708	270	552	61,648	-	n.a.	559	-	

Source:  
ASEAN Secretariat

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

**Table 8.7. International Civil Aviation, 2007-2016**

Indicator	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
No of International Airports	2007	1	2	27	3	5	2	9	2	6	3
	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	-
	2014	1	3	29	4	6	3	11	2	6	-
	2015	1	3	29	4	6	3	11	2	6	-
	2016	1	3	29	4	6	3	-	2	6	-
International Passengers Traffic ('000)	2007	1,448	2,979	3,189	251	19,738	878	12,132	35,221	35,946	8,558
	2008	1,555	2,879	4,102	238	20,918	837	12,293	36,288	32,855	9,141
	2009	1,528	2,524	5,004	337	22,881	968	12,099	36,089	31,358	8,907
	2010	1,699	3,052	6,614	472	27,574	1,212	12,381	40,924	35,132	10,726
	2011	2,017	3,481	8,152	372	30,462	1,456	12,969	45,429	39,979	11,821
	2012	1,681	3,997	9,938	642	32,397	2,035	16,421	49,910	46,324	13,203
	2013	1,715	4,606	10,964	729	38,032	2,652	15,958	52,775	54,005	-
	2014	1,647	5,169	10,253	921	39,984	3,187	19,914	53,289	52,131	-
	2015	1,717	5,606	9,533	1073	40,017	3,428	17,168	54,835	62,513	-
	2016	-	6,201	10,377	944	43,491	4,027	-	58,158	68,417	-
Cargo Loaded ('000 ton)	2007	13	10	42	1.2	449	5	177	931	711	116
	2008	13	10	42	1.7	413	6	157	905	688	134
	2009	12	7	46	0.4	354	7	130	787	609	129
	2010	16	9	80	0.4	393	9	164	872	752	186
	2011	17	10	72	0.9	375	10	157	882	714	186
	2012	15	12	91	1.0	361	7	159	853	720	217
	2013	10	17	192	0.1	356	8	131	842	664	-
	2014	12	16	151	0.6	392	9	144	839	704	-
	2015	12	18	147	0.2	374	8	-	838	711	-
	2016	-	24	-	2.4	331	13	-	885	745	-

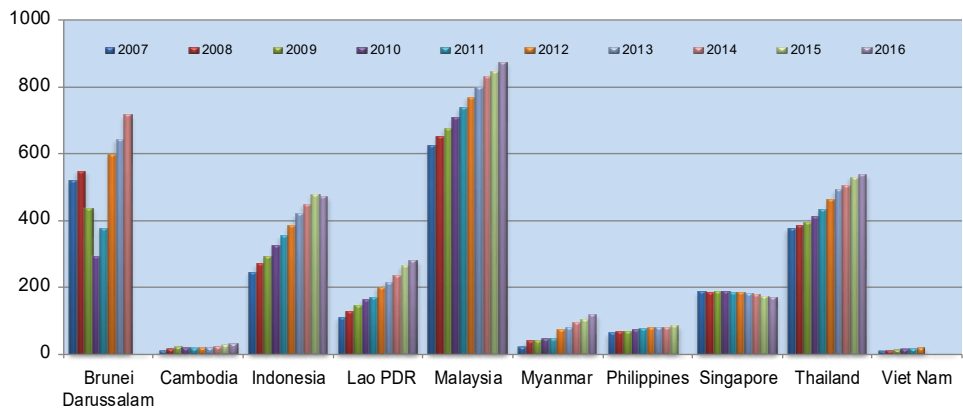
**Table 8.7. International Civil Aviation, 2007-2016 (Continued)**

Indicator	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Cargo Unloaded ('000 ton)	2007	7	16	117	-	370	5	150	964	453	110
	2008	7	12	154	-	349	6	122	952	462	120
	2009	7	8	132	-	301	6	122	847	400	123
	2010	11	9	158	-	352	6	143	941	518	153
	2011	11	1	162	1	348	6	134	983	560	163
	2012	9	15	194	1	352	8	184	976	588	192
	2013	6	29	208	0	373	11	139	996	550	-
	2014	8	17	131	1	414	15	123	1005	525	-
	2015	9	19	195	0	393	18	-	1015	526	-
	2016	-	-	-	1	353	21	-	1084	586	-
Aircraft Traffic ('000)	2007	22	35	29	-	151	9	72	221	219	62
	2008	27	33	37	-	165	7	69	232	212	68
	2009	25	32	43	-	185	8	72	240	203	67
	2010	29	34	51	-	207	11	67	266	222	75
	2011	28	37	62	-	228	14	72	302	253	85
	2012	23	40	70	-	242	18	185	325	279	93
	2013	25	47	83	-	274	25	185	344	329	-
	2014	25	51	76	-	291	30	173	341	325	-
	2015	26	53	70	-	299	31	-	-	375	-
	2016	-	69	71	-	303	37	-	-	405	-

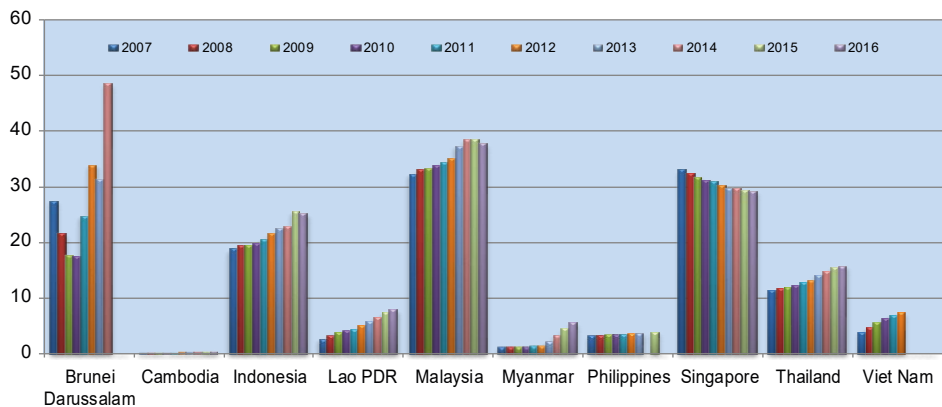
Source:  
ASEAN Secretariat

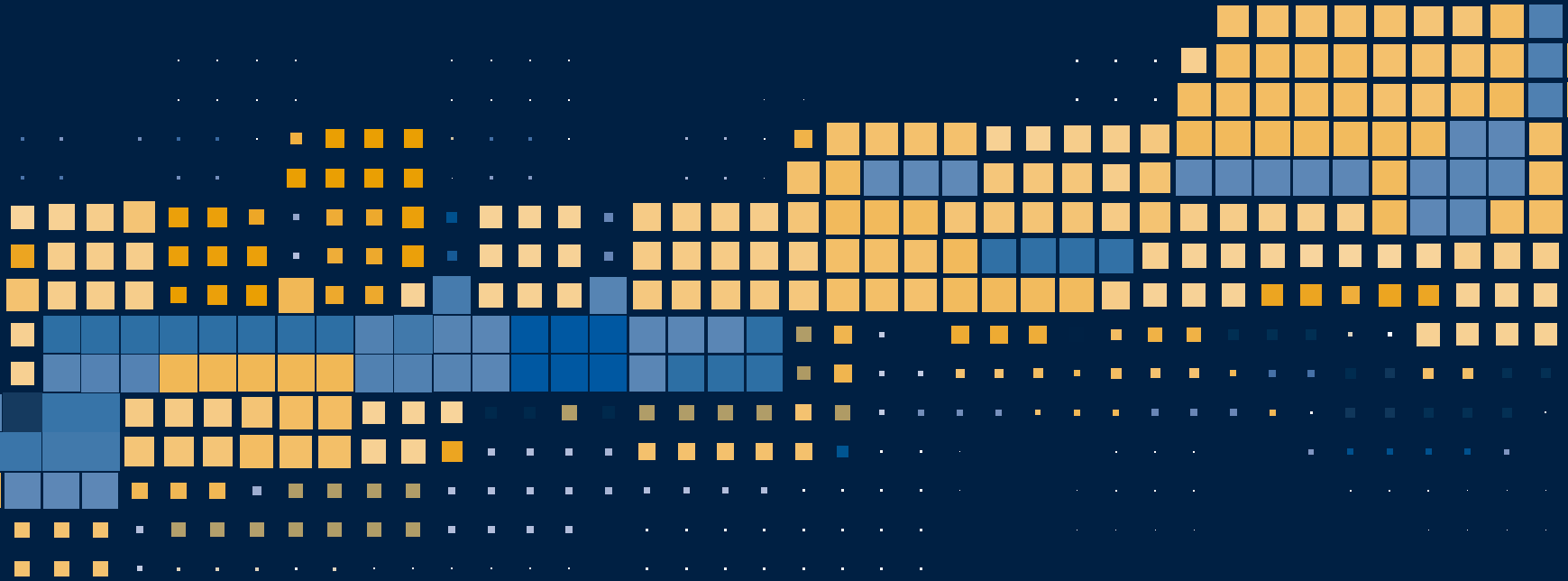
Notes:  
 '-' - means not available at the time of publication  
 n.a. - not applicable

**Graph 8.1. Total Number of Vehicles per 1000 Population, 2007-2016**



**Graph 8.2. Total Number of Goods Vehicles per 1000 Population, 2007-2016**





# CHAPTER 9

## **Tourism**





**Table 9.1. Visitor Arrivals by Country of Destination, 2006-2015**

(in thousand)

Country of Destination	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	158	179	226	157	214	242	209	3,279	3,886	218
Cambodia	1,700	2,015	2,125	2,162	2,508	2,882	3,584	4,210	4,503	4,775
Indonesia	4,871	5,506	6,429	6,324	7,003	7,650	8,044	8,802	9,435	10,407
Lao PDR	1,215	1,624	2,005	2,008	2,513	2,724	3,330	3,779	4,159	4,684
Malaysia	18,472	20,236	22,052	23,646	24,577	24,714	25,033	25,716	27,437	25,721
Myanmar	653	732	661	763	792	816	1,059	2,044	3,081	4,681
Philippines	2,688	3,092	3,139	3,017	3,520	3,917	4,273	4,681	4,833	5,361
Singapore	9,752	10,288	10,116	9,681	11,639	13,171	14,491	15,568	15,095	15,231
Thailand	13,822	14,464	14,597	14,150	15,936	19,098	22,354	26,547	24,780	29,881
Viet Nam	3,583	4,150	4,254	3,772	5,050	6,014	6,848	7,572	7,874	7,944
<b>ASEAN</b>	<b>56,914</b>	<b>62,285</b>	<b>65,605</b>	<b>65,680</b>	<b>73,753</b>	<b>81,229</b>	<b>89,225</b>	<b>102,199</b>	<b>105,084</b>	<b>108,904</b>
<b>ASEAN6</b>	<b>49,763</b>	<b>53,764</b>	<b>56,561</b>	<b>56,976</b>	<b>62,890</b>	<b>68,793</b>	<b>74,404</b>	<b>84,593</b>	<b>85,467</b>	<b>86,819</b>
<b>CLMV</b>	<b>7,152</b>	<b>8,521</b>	<b>9,045</b>	<b>8,705</b>	<b>10,863</b>	<b>12,436</b>	<b>14,821</b>	<b>17,606</b>	<b>19,617</b>	<b>22,084</b>

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, 2006-2015**

(in thousand)

Country of Destination	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	69	85	98	78	110	124	116	3,054	3,662	119
Cambodia	328	410	552	693	853	1,101	1,514	1,832	1,992	2,098
Indonesia	2,307	1,523	2,775	2,102	2,339	3,258	2,608	3,516	3,684	3,861
Lao PDR	892	1,273	1,286	1,611	1,991	2,191	2,712	3,041	3,224	3,589
Malaysia	13,857	15,620	16,637	18,386	18,937	18,885	18,810	19,106	20,373	19,147
Myanmar	57	53	463	524	512	100	151	219	1,598	1,763
Philippines	203	236	254	256	298	332	375	422	461	482
Singapore	3,556	3,725	3,571	3,651	4,780	5,372	5,733	6,115	6,113	5,748
Thailand	3,556	3,756	4,125	4,075	4,534	5,530	6,463	7,410	6,620	7,886
Viet Nam	572	661	516	319	689	838	1,364	1,440	1,495	1,301
<b>TOTAL</b>	<b>25,397</b>	<b>27,341</b>	<b>30,276</b>	<b>31,694</b>	<b>35,043</b>	<b>37,733</b>	<b>39,845</b>	<b>46,154</b>	<b>49,223</b>	<b>45,992</b>

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, 2006-2015**

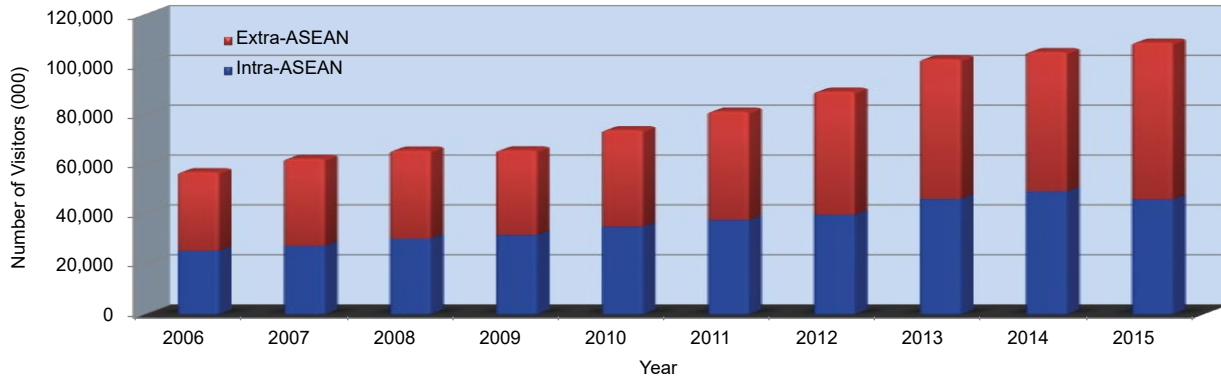
(in thousand)

Country of Destination	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	89	94	128	80	104	118	93	226	223	99
Cambodia	1,372	1,605	1,573	1,469	1,655	1,781	2,070	2,379	2,511	2,677
Indonesia	2,564	3,982	3,654	4,222	4,664	4,391	5,437	5,286	5,752	6,546
Lao PDR	323	351	719	397	522	532	618	738	935	1,096
Malaysia	4,615	4,616	5,416	5,260	5,640	5,829	6,223	6,610	7,064	6,575
Myanmar	596	679	198	239	279	716	908	1,826	1,483	2,918
Philippines	2,485	2,856	2,885	2,762	3,222	3,586	3,898	4,259	4,372	4,879
Singapore	6,196	6,563	6,545	6,030	6,859	7,799	8,758	9,453	8,982	9,483
Thailand	10,266	10,709	10,472	10,075	11,402	13,568	15,891	19,136	18,160	21,995
Viet Nam	3,012	3,488	3,738	3,453	4,361	5,176	5,484	6,132	6,379	6,643
<b>TOTAL</b>	<b>31,518</b>	<b>34,943</b>	<b>35,329</b>	<b>33,986</b>	<b>38,710</b>	<b>43,496</b>	<b>49,380</b>	<b>56,045</b>	<b>55,861</b>	<b>62,912</b>

Source:  
ASEAN Secretariat

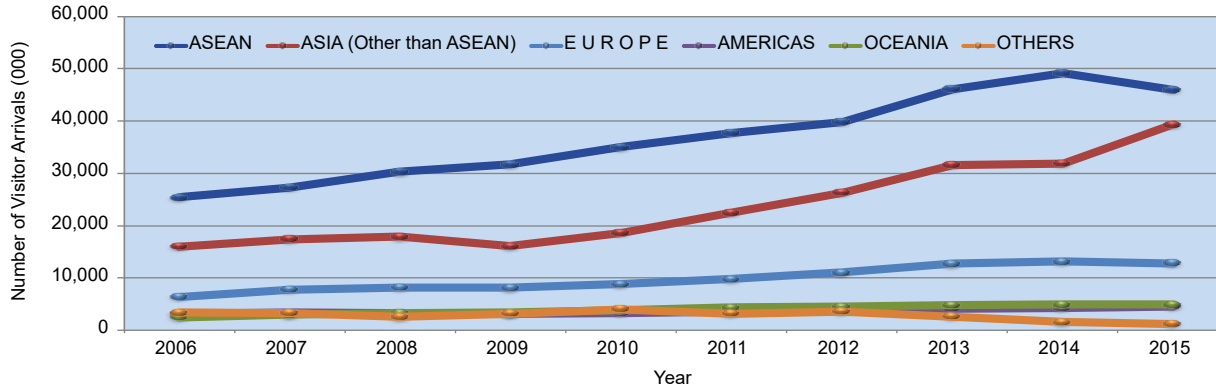
Note:  
Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

**Graph 9.1. Intra and Extra-ASEAN Visitor Arrivals, 2006-2015**



Source:  
ASEAN Secretariat

**Graph 9.2. ASEAN Visitor Arrivals by Origin, 2006-2015**



Source:  
ASEAN Secretariat

**Table 9.4. Visitor Arrivals to ASEAN by Country of Origin, 2006-2015**

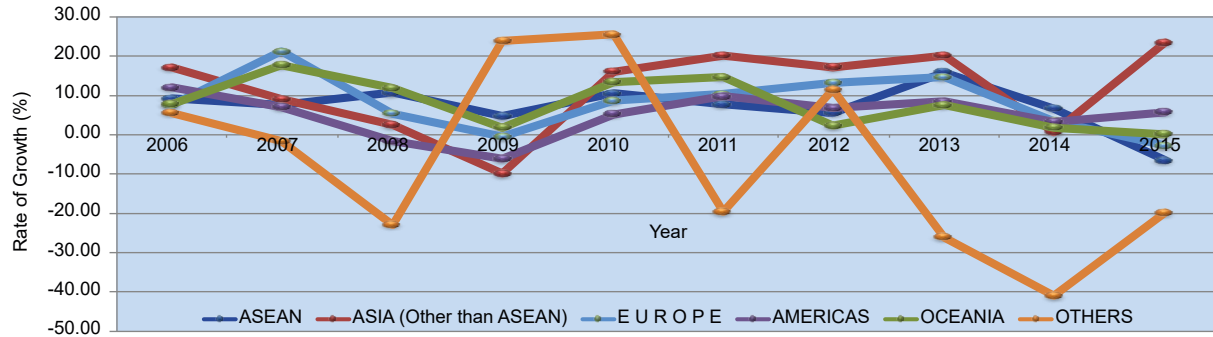
(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra-ASEAN</b>	<b>25,397</b>	<b>27,341</b>	<b>30,276</b>	<b>31,694</b>	<b>35,043</b>	<b>37,733</b>	<b>39,845</b>	<b>46,154</b>	<b>49,223</b>	<b>45,992</b>
<b>Extra-ASEAN</b>	<b>31,518</b>	<b>34,943</b>	<b>35,329</b>	<b>33,986</b>	<b>38,710</b>	<b>43,496</b>	<b>49,380</b>	<b>56,045</b>	<b>55,861</b>	<b>62,912</b>
<b>ASIA (Other than ASEAN)</b>	<b>15,992</b>	<b>17,442</b>	<b>17,880</b>	<b>16,112</b>	<b>18,699</b>	<b>22,467</b>	<b>26,333</b>	<b>31,648</b>	<b>31,878</b>	<b>39,345</b>
Hongkong	1,030	1,124	839	851	906	1,092	1,299	1,502	1,377	1,515
Republic of Korea	3,353	3,539	2,657	2,449	3,286	3,862	4,011	4,873	5,018	5,839
Taiwan (ROC)	1,606	1,610	1,514	1,370	1,550	1,808	1,846	2,061	1,920	2,099
China	3,335	3,926	4,471	4,202	5,416	7,316	9,283	12,651	13,059	18,596
India	1,470	1,814	1,985	2,104	2,478	2,711	2,840	2,946	3,071	3,308
Japan	3,368	3,701	3,624	3,214	3,351	3,664	4,275	4,724	4,634	4,703
Other Asia	1,830	1,728	2,789	1,924	1,713	2,014	2,779	2,891	2,798	3,285
<b>EUROPE</b>	<b>6,428</b>	<b>7,789</b>	<b>8,208</b>	<b>8,163</b>	<b>8,867</b>	<b>9,788</b>	<b>11,088</b>	<b>12,713</b>	<b>13,162</b>	<b>12,802</b>
France	827	846	1,057	1,142	1,261	1,350	1,462	1,692	1,661	1,710
Germany	1,049	1,125	1,106	1,140	1,243	1,255	1,490	1,461	1,694	1,784
Italy	300	301	307	302	317	379	384	469	520	555
Netherlands	473	501	553	592	598	582	619	649	686	693
Scandinavia <sup>1/</sup>	809	905	983	858	886	925	992	1,035	1,025	1,016
United Kingdom	1,129	1,975	2,015	2,106	2,151	2,157	2,314	2,487	2,639	2,734
Other Europe	1,842	2,135	2,187	2,023	2,411	3,141	3,827	4,919	4,937	4,310
<b>AMERICAS</b>	<b>3,180</b>	<b>3,404</b>	<b>3,348</b>	<b>3,142</b>	<b>3,303</b>	<b>3,626</b>	<b>3,872</b>	<b>4,200</b>	<b>4,339</b>	<b>4,588</b>
Canada	497	544	509	456	499	594	709	769	800	834
USA	2,490	2,537	2,653	2,553	2,680	2,838	2,984	3,178	3,254	3,382
Other Americas	192	323	186	132	124	194	179	253	284	372
<b>OCEANIA</b>	<b>2,513</b>	<b>2,960</b>	<b>3,312</b>	<b>3,371</b>	<b>3,824</b>	<b>4,386</b>	<b>4,487</b>	<b>4,823</b>	<b>4,912</b>	<b>4,920</b>
Australia	2,063	2,435	2,905	3,029	3,465	3,926	4,060	4,303	4,384	4,191
New Zealand	354	301	320	272	292	390	358	439	458	475
Other Oceania	97	225	88	70	67	69	69	81	70	254
<b>OTHERS</b>	<b>3,405</b>	<b>3,348</b>	<b>2,582</b>	<b>3,199</b>	<b>4,016</b>	<b>3,229</b>	<b>3,599</b>	<b>2,661</b>	<b>1,570</b>	<b>1,258</b>
<b>TOTAL</b>	<b>56,914</b>	<b>62,285</b>	<b>65,605</b>	<b>65,680</b>	<b>73,753</b>	<b>81,229</b>	<b>89,225</b>	<b>102,199</b>	<b>105,084</b>	<b>108,904</b>

Source:  
ASEAN Secretariat

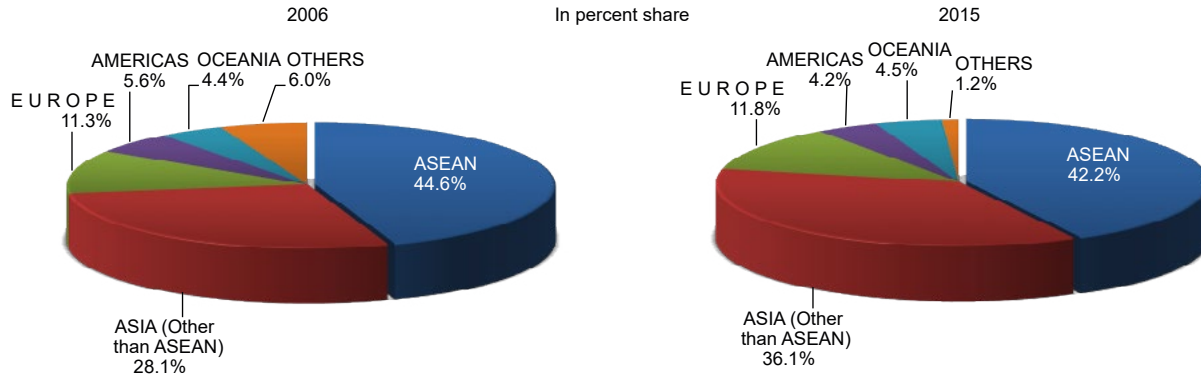
Note:  
1/ Scandinavia: Finland, Norway, and Sweden

**Graph 9.3. Visitor Arrivals to ASEAN by Origin, 2006-2015**



Source:  
ASEAN Secretariat

**Graph 9.4. Visitor Arrivals to ASEAN by Origin**



Source:  
ASEAN Secretariat

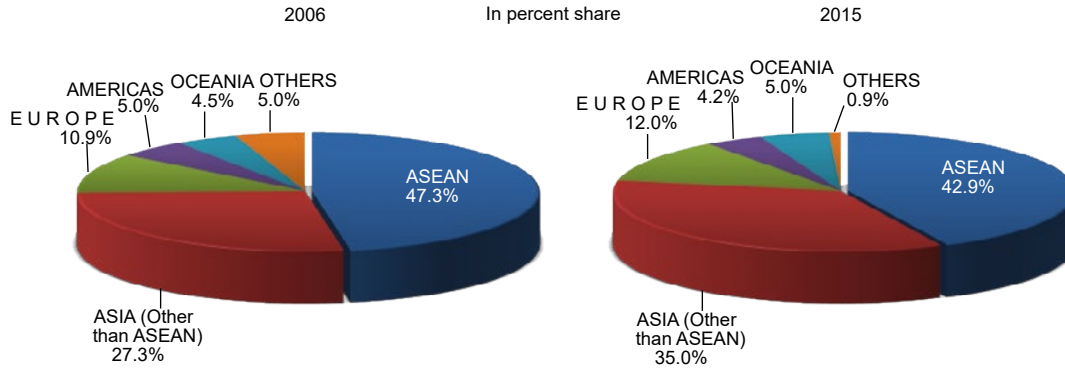
**Table 9.5. Intra-ASEAN Visitor Arrivals by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	855	1,238	1,168	1,133	1,453	1,363	1,350	1,368	1,338	1,250
Cambodia	301	316	166	156	205	736	831	910	1,105	875
Indonesia	3,429	4,070	4,508	4,430	5,163	5,170	5,812	6,618	6,779	6,447
Lao PDR	329	590	717	790	838	1,047	1,425	1,560	1,569	1,791
Malaysia	3,263	3,134	3,988	3,785	4,597	5,444	5,550	9,012	9,246	6,828
Myanmar	134	191	207	220	250	297	317	378	433	492
Philippines	969	1,023	1,267	1,259	1,468	1,636	1,789	2,172	2,273	2,051
Singapore	12,120	12,490	13,379	14,605	14,975	15,773	15,731	16,391	17,075	16,047
Thailand	3,229	3,283	3,567	3,890	4,307	4,039	4,334	4,552	6,013	6,521
Viet Nam	769	1,006	1,308	1,427	1,786	2,228	2,705	3,193	3,391	3,690
<b>TOTAL</b>	<b>25,397</b>	<b>27,341</b>	<b>30,276</b>	<b>31,694</b>	<b>35,043</b>	<b>37,733</b>	<b>39,845</b>	<b>46,154</b>	<b>49,223</b>	<b>45,992</b>

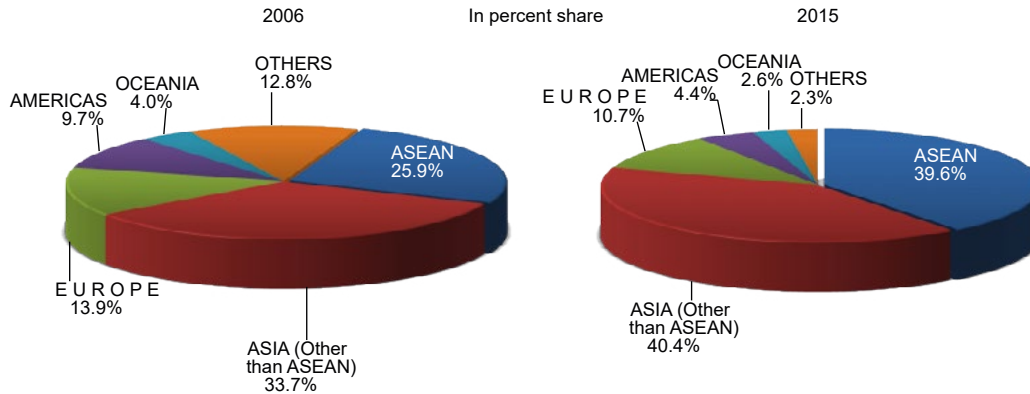
Source:  
ASEAN Secretariat

**Graph 9.5. Visitor Arrivals to ASEAN6 by Origin**



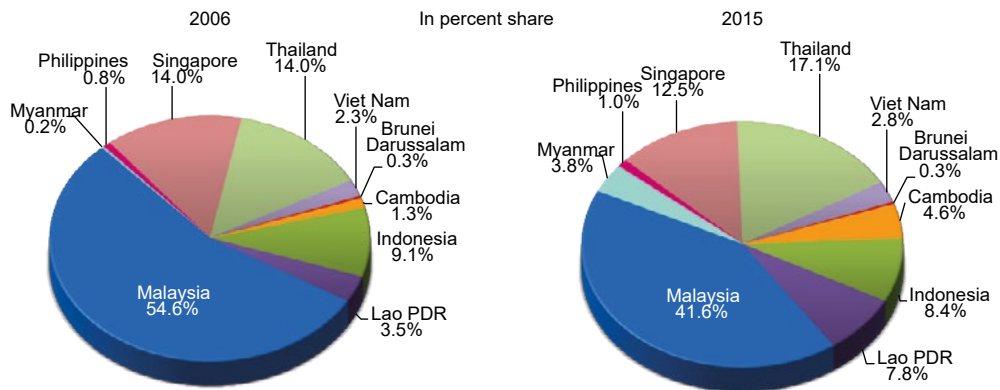
Source:  
ASEAN Secretariat

**Graph 9.6. Visitor Arrivals to CLMV by Origin**



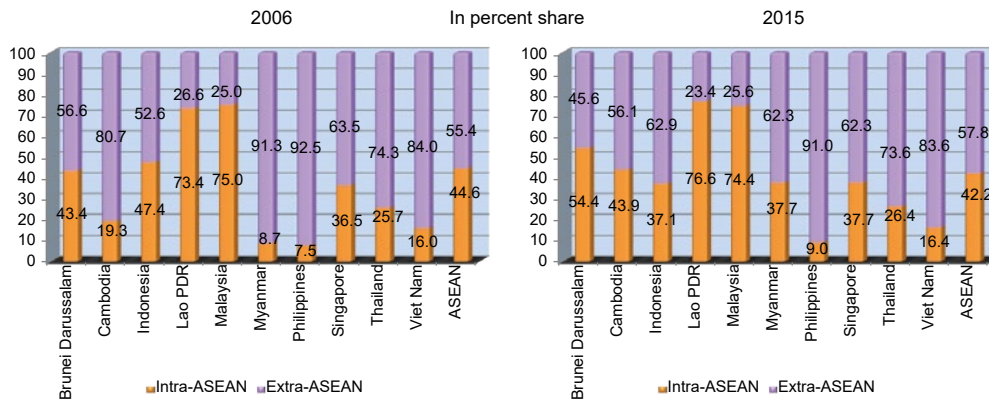
Source:  
ASEAN Secretariat

**Graph 9.7. Intra-ASEAN Visitor Arrivals by Host Country**



Source:  
ASEAN Secretariat

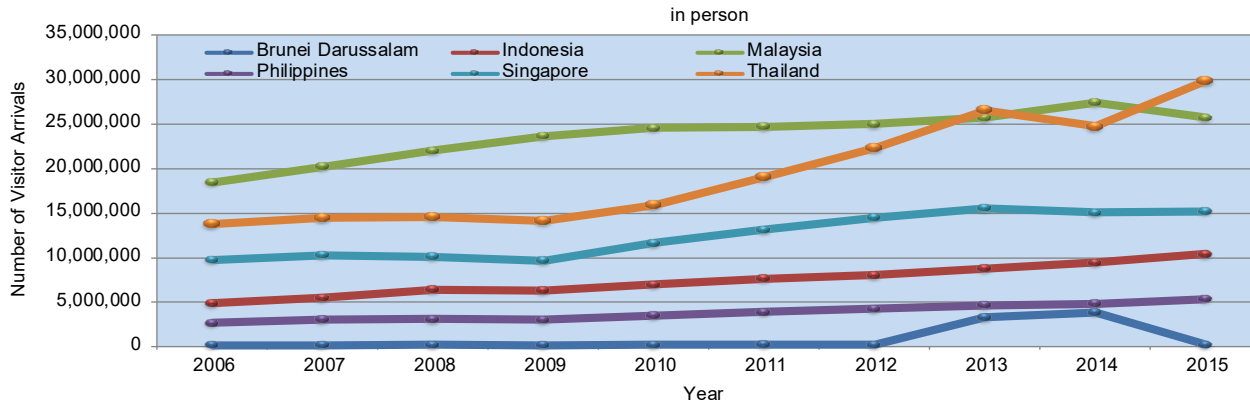
**Graph 9.8. Intra-and Extra-ASEAN Visitor Arrivals to ASEAN Member States**



Source:  
ASEAN Secretariat

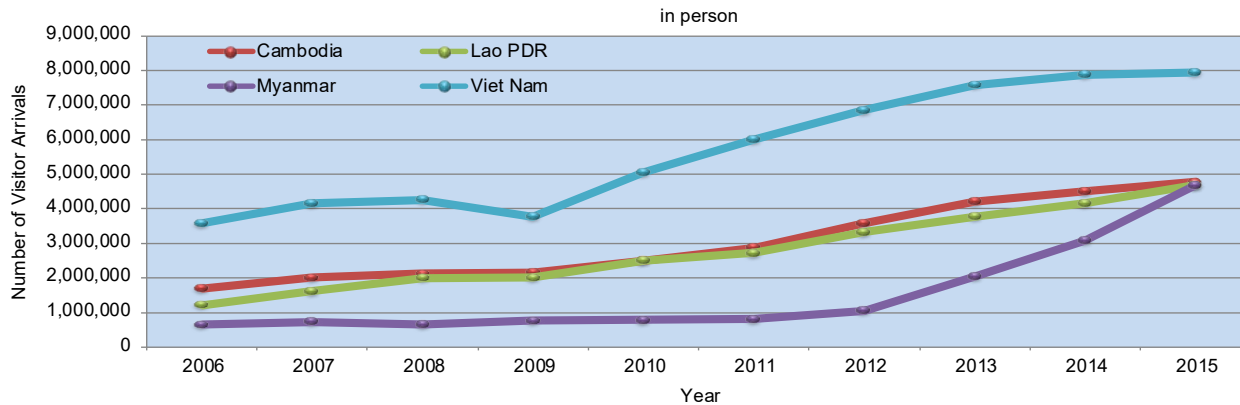


**Graph 9.9. Visitor Arrivals in ASEAN6, 2006-2015**



Source:  
ASEAN Secretariat

**Graph 9.10. Visitor Arrivals in CLMV, 2006-2015**



Source:  
ASEAN Secretariat

**Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra-ASEAN</b>	69	85	98	78	110	124	116	3,054	3,662	119
<b>Extra-ASEAN</b>	89	94	128	80	104	118	93	226	223	99
<b>ASIA (Other than ASEAN)</b>	38	46	60	29	42	50	49	103	105	58
Hongkong	0	2	2	1	1	1	2	2	3	2
Republic of Korea	4	4	18	2	2	2	4	5	6	3
Taiwan (ROC)	3	2	2	1	2	1	3	4	4	2
China	20	28	28	16	25	33	27	40	39	37
India	7	3	4	3	5	5	5	30	31	6
Japan	3	4	4	4	4	4	4	9	10	4
Other Asia	2	2	3	2	4	4	3	12	13	4
<b>EUROPE</b>	21	21	24	22	26	29	21	68	65	20
France	1	1	1	1	1	2	2	4	4	2
Germany	3	2	2	2	2	2	2	18	8	2
Italy	1	1	1	0	1	1	1	1	2	1
Netherlands	1	1	1	1	1	1	1	5	6	1
Scandinavia <sup>1/</sup>	1	1	1	1	1	1	1	4	4	1
United Kingdom	13	13	16	14	17	18	11	30	34	11
Other Europe	1	2	2	2	3	3	3	7	8	3
<b>AMERICAS</b>	4	5	6	5	6	7	6	17	18	6
Canada	1	2	2	2	2	2	2	8	9	2
USA	2	3	3	3	4	4	4	9	9	4
Other Americas	0	0	0	0	0	0	0	0	0	0
<b>OCEANIA</b>	18	20	35	22	28	29	14	29	25	12
Australia	15	15	26	14	17	19	12	23	19	10
New Zealand	3	5	9	8	10	10	2	6	6	2
Other Oceania	0	0	0	0	0	0	0	0	0	0
<b>OTHERS</b>	8	2	3	2	3	3	4	9	10	3
<b>TOTAL</b>	<b>158</b>	<b>179</b>	<b>226</b>	<b>157</b>	<b>214</b>	<b>242</b>	<b>209</b>	<b>3,279</b>	<b>3,886</b>	<b>218</b>

Source:  
ASEAN Secretariat

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

**Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra0ASEAN</b>	<b>328</b>	<b>410</b>	<b>552</b>	<b>693</b>	<b>853</b>	<b>1,101</b>	<b>1,514</b>	<b>1,832</b>	<b>1,992</b>	<b>2,098</b>
<b>Extra0ASEAN</b>	<b>1,372</b>	<b>1,605</b>	<b>1,573</b>	<b>1,469</b>	<b>1,655</b>	<b>1,781</b>	<b>2,070</b>	<b>2,379</b>	<b>2,511</b>	<b>2,677</b>
<b>ASIA (Other than ASEAN)</b>	<b>622</b>	<b>771</b>	<b>685</b>	<b>585</b>	<b>748</b>	<b>896</b>	<b>1,075</b>	<b>1,259</b>	<b>1,368</b>	<b>1,484</b>
Hongkong	3	3	3	4	4	5	8	9	10	15
Republic of Korea	285	330	267	198	290	343	0	435	424	395
Taiwan (ROC)	85	118	83	72	91	98	93	97	98	110
China	81	118	130	128	178	247	334	463	560	695
India	9	11	12	12	0	15	19	24	29	37
Japan	158	162	164	146	152	162	179	207	216	193
Other Asia	1	29	27	24	33	25	442	25	32	39
<b>E U R O P E</b>	<b>300</b>	<b>409</b>	<b>456</b>	<b>463</b>	<b>486</b>	<b>540</b>	<b>608</b>	<b>693</b>	<b>704</b>	<b>710</b>
France	72	90	98	105	113	117	121	131	141	146
Germany	40	53	60	60	63	63	73	82	84	94
Italy	14	18	20	17	20	21	23	25	30	32
Netherlands	17	21	22	22	24	23	25	28	27	29
Scandinavia <sup>1/</sup>	22	31	34	28	26	29	31	33	34	34
United Kingdom	74	84	98	107	103	104	110	124	133	154
Other Europe	62	112	124	123	138	182	226	271	255	221
<b>AMERICAS</b>	<b>152</b>	<b>195</b>	<b>205</b>	<b>201</b>	<b>199</b>	<b>218</b>	<b>244</b>	<b>263</b>	<b>277</b>	<b>316</b>
Canada	28	34	37	36	39	42	48	51	52	57
USA	124	138	145	148	146	154	173	185	191	218
Other Americas	0	23	23	16	14	21	23	27	33	41
<b>OCEANIA</b>	<b>68</b>	<b>84</b>	<b>99</b>	<b>99</b>	<b>107</b>	<b>122</b>	<b>137</b>	<b>156</b>	<b>156</b>	<b>158</b>
Australia	11	72	85	85	94	105	118	132	134	135
New Zealand	57	12	14	14	14	16	19	21	21	23
Other Oceania	0	0	0	0	0	0	0	4	0	0
<b>OTHERS</b>	<b>231</b>	<b>146</b>	<b>128</b>	<b>121</b>	<b>114</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>10</b>
<b>TOTAL</b>	<b>1,700</b>	<b>2,015</b>	<b>2,125</b>	<b>2,162</b>	<b>2,508</b>	<b>2,882</b>	<b>3,584</b>	<b>4,210</b>	<b>4,503</b>	<b>4,775</b>

Source:  
ASEAN Secretariat

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

**Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Intra0ASEAN	2,307	1,523	2,775	2,102	2,339	3,258	2,608	3,516	3,684	3,861
Extra0ASEAN	2,564	3,982	3,654	4,222	4,664	4,391	5,437	5,286	5,752	6,546
<b>ASIA (Other than ASEAN)</b>	<b>1,320</b>	<b>1,403</b>	<b>1,781</b>	<b>1,503</b>	<b>1,580</b>	<b>2,039</b>	<b>1,894</b>	<b>2,581</b>	<b>2,783</b>	<b>3,225</b>
Hongkong	78	154	81	47	59	87	75	113	112	94
Republic of Korea	296	272	321	239	282	306	304	344	370	387
Taiwan (ROC)	236	205	224	186	191	222	181	245	244	228
China	0	181	337	373	422	574	618	807	927	1,261
India	54	84	102	133	145	154	177	201	224	320
Japan	419	474	547	470	406	413	445	492	525	550
Other Asia	237	33	169	56	75	283	93	379	380	385
<b>E U R O P E</b>	<b>730</b>	<b>528</b>	<b>925</b>	<b>686</b>	<b>716</b>	<b>1,046</b>	<b>777</b>	<b>1,243</b>	<b>1,333</b>	<b>1,462</b>
France	99	0	125	163	158	148	179	191	210	213
Germany	107	102	138	126	139	145	152	168	185	204
Italy	36	0	33	0	0	46	0	63	68	69
Netherlands	110	107	141	149	153	159	148	158	169	175
Scandinavia <sup>1/</sup>	46	0	51	0	0	58	0	62	66	76
United Kingdom	110	129	150	178	187	193	204	229	249	293
Other Europe	222	190	286	69	79	296	94	372	385	433
<b>A M E R I C A S</b>	<b>185</b>	<b>125</b>	<b>240</b>	<b>162</b>	<b>172</b>	<b>297</b>	<b>207</b>	<b>333</b>	<b>359</b>	<b>412</b>
Canada	30	0	40	0	0	52	0	57	61	76
USA	131	125	174	162	172	202	207	234	251	276
Other Americas	24	0	26	0	0	43	0	42	46	60
<b>O C E A N I A</b>	<b>251</b>	<b>267</b>	<b>482</b>	<b>539</b>	<b>731</b>	<b>975</b>	<b>909</b>	<b>1,072</b>	<b>1,213</b>	<b>1,377</b>
Australia	227	267	450	539	731	931	909	998	1,129	1,099
New Zealand	24	0	23	0	0	37	0	66	76	88
Other Oceania	0	0	9	0	0	7	0	7	8	190
<b>O T H E R S</b>	<b>78</b>	<b>1,660</b>	<b>227</b>	<b>1,332</b>	<b>1,466</b>	<b>35</b>	<b>1,650</b>	<b>57</b>	<b>65</b>	<b>70</b>
<b>TOTAL</b>	<b>4,871</b>	<b>5,506</b>	<b>6,429</b>	<b>6,324</b>	<b>7,003</b>	<b>7,650</b>	<b>8,044</b>	<b>8,802</b>	<b>9,435</b>	<b>10,407</b>

Source:  
ASEAN Secretariat

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

**Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra0ASEAN</b>	<b>892</b>	<b>1,273</b>	<b>1,286</b>	<b>1,611</b>	<b>1,991</b>	<b>2,191</b>	<b>2,712</b>	<b>3,041</b>	<b>3,224</b>	<b>3,589</b>
<b>Extra0ASEAN</b>	<b>323</b>	<b>351</b>	<b>719</b>	<b>397</b>	<b>522</b>	<b>532</b>	<b>618</b>	<b>738</b>	<b>935</b>	<b>1,096</b>
<b>ASIA (Other than ASEAN)</b>	<b>96</b>	<b>110</b>	<b>440</b>	<b>184</b>	<b>238</b>	<b>241</b>	<b>313</b>	<b>394</b>	<b>584</b>	<b>736</b>
Hongkong	0	0	6	0	0	0	0	0	0	0
Republic of Korea	11	13	267	18	27	35	54	82	96	165
Taiwan (ROC)	2	3	3	3	3	5	4	5	5	6
China	50	55	106	128	162	151	200	245	422	511
India	2	2	3	2	3	3	3	5	5	5
Japan	23	30	32	28	34	38	42	49	45	44
Other Asia	7	7	24	5	8	9	10	10	11	4
<b>E U R O P E</b>	<b>139</b>	<b>148</b>	<b>166</b>	<b>130</b>	<b>178</b>	<b>182</b>	<b>186</b>	<b>213</b>	<b>209</b>	<b>217</b>
France	32	35	39	32	45	44	47	52	52	55
Germany	18	19	25	18	23	21	23	29	30	32
Italy	6	7	6	5	7	7	6	9	10	9
Netherlands	9	10	11	9	10	9	9	11	9	8
Scandinavia <sup>1/</sup>	11	12	12	8	12	12	13	11	13	12
United Kingdom	32	31	36	27	37	36	36	42	39	42
Other Europe	30	34	35	31	45	52	51	58	57	59
<b>A M E R I C A S</b>	<b>61</b>	<b>61</b>	<b>75</b>	<b>53</b>	<b>67</b>	<b>70</b>	<b>76</b>	<b>86</b>	<b>86</b>	<b>89</b>
Canada	12	13	15	11	14	14	17	17	19	20
USA	47	46	55	39	50	50	53	62	61	63
Other Americas	2	3	6	3	4	5	6	7	5	6
<b>O C E A N I A</b>	<b>26</b>	<b>28</b>	<b>33</b>	<b>28</b>	<b>35</b>	<b>37</b>	<b>39</b>	<b>41</b>	<b>50</b>	<b>39</b>
Australia	22	24	28	24	31	32	34	35	45	35
New Zealand	4	4	4	3	4	5	5	5	5	5
Other Oceania	0	0	0	0	0	0	0	0	0	0
<b>O T H E R S</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>14</b>
<b>TOTAL</b>	<b>1,215</b>	<b>1,624</b>	<b>2,005</b>	<b>2,008</b>	<b>2,513</b>	<b>2,724</b>	<b>3,330</b>	<b>3,779</b>	<b>4,159</b>	<b>4,684</b>

Source:  
ASEAN Secretariat

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

**Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Intra0ASEAN	13,857	15,620	16,637	18,386	18,937	18,885	18,810	19,106	20,373	19,147
Extra0ASEAN	4,615	4,616	5,416	5,260	5,640	5,829	6,223	6,610	7,064	6,575
<b>ASIA (Other than ASEAN)</b>	<b>1,832</b>	<b>2,537</b>	<b>2,900</b>	<b>2,981</b>	<b>2,950</b>	<b>3,088</b>	<b>3,896</b>	<b>4,220</b>	<b>4,422</b>	<b>4,328</b>
Hongkong	90	94	6	0	0	0	0	0	0	0
Republic of Korea	189	225	267	227	264	263	284	275	386	421
Taiwan (ROC)	182	201	191	198	211	234	243	286	275	283
China	439	689	944	1,020	1,130	1,251	1,559	1,791	1,613	1,677
India	279	422	551	590	691	693	691	651	770	722
Japan	354	368	433	396	416	387	470	513	553	484
Other Asia	298	537	507	550	238	260	649	704	825	741
<b>EUROPE</b>	<b>661</b>	<b>827</b>	<b>1,002</b>	<b>1,142</b>	<b>1,024</b>	<b>975</b>	<b>1,047</b>	<b>1,066</b>	<b>1,212</b>	<b>1,201</b>
France	49	59	86	110	111	128	136	145	170	151
Germany	66	79	112	128	131	125	131	137	158	145
Italy	26	32	39	46	47	44	44	45	55	52
Netherlands	46	56	91	111	115	91	88	84	98	85
Scandinavia <sup>1/</sup>	67	94	93	93	93	84	58	66	60	69
United Kingdom	252	276	371	435	430	404	402	413	446	401
Other Europe	154	232	211	218	97	100	186	176	224	298
<b>AMERICAS</b>	<b>310</b>	<b>470</b>	<b>345</b>	<b>346</b>	<b>325</b>	<b>303</b>	<b>327</b>	<b>336</b>	<b>355</b>	<b>360</b>
Canada	35	47	78	88	92	86	87	89	93	80
USA	174	205	223	229	233	217	240	247	262	238
Other Americas	101	218	44	29	0	0	0	0	0	43
<b>OCEANIA</b>	<b>355</b>	<b>517</b>	<b>487</b>	<b>600</b>	<b>647</b>	<b>640</b>	<b>574</b>	<b>590</b>	<b>639</b>	<b>552</b>
Australia	277	320	427	533	581	558	508	526	571	487
New Zealand	35	41	56	63	66	81	66	63	67	61
Other Oceania	43	156	4	3	0	0	0	0	0	4
<b>OTHERS</b>	<b>1,457</b>	<b>264</b>	<b>682</b>	<b>192</b>	<b>694</b>	<b>823</b>	<b>380</b>	<b>398</b>	<b>437</b>	<b>133</b>
<b>TOTAL</b>	<b>18,472</b>	<b>20,236</b>	<b>22,052</b>	<b>23,646</b>	<b>24,577</b>	<b>24,714</b>	<b>25,033</b>	<b>25,716</b>	<b>27,437</b>	<b>25,721</b>

Source:  
ASEAN Secretariat

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

**Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra0ASEAN</b>	57	53	463	524	512	100	151	219	1,598	1,763
<b>Extra0ASEAN</b>	596	679	198	239	279	716	908	1,826	1,483	2,918
<b>ASIA (Other than ASEAN)</b>	95	108	143	158	183	162	233	415	1,071	2,369
Hongkong	3	3	2	3	3	4	5	8	9	3
Republic of Korea	18	16	11	13	19	23	35	55	58	64
Taiwan (ROC)	16	14	10	12	14	16	22	31	33	32
China	25	30	98	102	114	62	71	91	809	2,103
India	8	8	7	9	10	12	17	21	62	60
Japan	19	16	10	14	16	21	48	69	83	90
Other Asia	6	23	5	6	7	24	36	141	17	18
<b>E U R O P E</b>	81	75	36	53	66	89	116	168	200	225
France	15	16	7	10	13	19	27	35	41	47
Germany	18	15	8	10	11	14	20	28	32	36
Italy	11	10	2	6	7	10	9	12	13	15
Netherlands	3	0	1	2	2	0	0	0	11	12
Scandinavia <sup>1/</sup>	2	0	1	1	2	0	0	0	10	11
United Kingdom	7	6	5	6	7	11	21	33	41	45
Other Europe	25	28	11	18	23	34	40	60	52	59
<b>AMERICAS</b>	23	19	14	19	21	28	48	67	82	93
Canada	3	3	2	2	2	4	38	9	12	14
USA	18	15	12	15	17	22	6	54	63	70
Other Americas	2	1	1	1	2	2	4	5	7	10
<b>OCEANIA</b>	8	8	5	8	9	12	21	28	33	36
Australia	7	7	5	7	8	10	18	25	29	31
New Zealand	1	1	1	1	1	1	2	3	4	5
Other Oceania	0	0	0	0	0	0	0	0	0	0
<b>OTHERS</b>	390	469	0	1	1	426	491	1,147	96	196
<b>TOTAL</b>	<b>653</b>	<b>732</b>	<b>661</b>	<b>763</b>	<b>792</b>	<b>816</b>	<b>1,059</b>	<b>2,044</b>	<b>3,081</b>	<b>4,681</b>

Source:  
ASEAN Secretariat

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

**Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra-ASEAN</b>	203	236	254	256	298	332	375	422	461	482
<b>Extra-ASEAN</b>	2,485	2,856	2,885	2,762	3,222	3,586	3,898	4,259	4,372	4,879
<b>ASIA (Other than ASEAN)</b>	1,401	1,503	1,474	1,321	1,687	1,961	2,168	2,446	2,466	2,830
Hongkong	96	112	117	123	134	112	119	126	114	122
Republic of Korea	572	653	612	498	741	925	1,031	1,166	1,175	1,340
Taiwan (ROC)	115	112	119	102	142	182	217	139	143	178
China	134	158	164	155	187	243	251	426	395	491
India	23	27	31	33	35	43	46	52	61	75
Japan	422	395	359	325	359	375	412	434	464	496
Other Asia	40	45	72	85	90	81	91	103	113	130
<b>EUROPE</b>	251	296	332	347	372	382	434	468	486	521
France	15	19	23	25	27	30	34	39	39	46
Germany	51	56	55	56	59	61	67	71	73	75
Italy	12	14	15	15	16	16	17	18	20	22
Netherlands	17	18	19	19	19	21	22	23	25	29
Scandinavia <sup>1/</sup>	24	28	32	31	36	41	47	49	48	51
United Kingdom	68	80	87	91	97	104	113	123	134	155
Other Europe	63	81	101	110	117	109	134	146	147	145
<b>AMERICAS</b>	652	675	688	689	714	748	783	815	875	946
Canada	81	91	102	99	106	117	124	131	144	156
USA	567	579	578	583	600	625	653	675	723	779
Other Americas	4	5	8	7	8	6	7	9	9	10
<b>OCEANIA</b>	149	163	180	192	211	228	253	277	287	303
Australia	101	112	122	132	147	171	191	213	225	241
New Zealand	9	10	11	11	11	13	14	16	18	21
Other Oceania	39	41	48	49	52	45	47	48	45	41
<b>OTHERS</b>	31	219	212	213	238	267	260	253	258	279
<b>TOTAL</b>	2,688	3,092	3,139	3,017	3,520	3,917	4,273	4,681	4,833	5,361

Source:  
ASEAN Secretariat

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



**Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Intra-ASEAN</b>	<b>3,556</b>	<b>3,725</b>	<b>3,571</b>	<b>3,651</b>	<b>4,780</b>	<b>5,372</b>	<b>5,733</b>	<b>6,115</b>	<b>6,113</b>	<b>5,748</b>
<b>Extra-ASEAN</b>	<b>6,196</b>	<b>6,563</b>	<b>6,545</b>	<b>6,030</b>	<b>6,859</b>	<b>7,799</b>	<b>8,758</b>	<b>9,453</b>	<b>8,982</b>	<b>9,483</b>
<b>ASIA (Other than ASEAN)</b>	<b>3,555</b>	<b>3,777</b>	<b>3,685</b>	<b>3,255</b>	<b>3,913</b>	<b>4,682</b>	<b>5,359</b>	<b>5,891</b>	<b>5,474</b>	<b>5,957</b>
Hongkong	291	302	278	294	388	464	472	540	631	610
Republic of Korea	455	464	423	272	361	415	445	472	537	577
Taiwan (ROC)	219	208	176	157	191	238	282	350	337	378
China	1,037	1,114	1,079	937	1,171	1,578	2,033	2,270	1,722	2,106
India	659	749	778	726	829	869	895	934	944	1,014
Japan	291	595	571	490	529	656	757	833	825	789
Other Asia	602	345	380	380	444	461	475	493	478	483
<b>E U R O P E</b>	<b>1,210</b>	<b>1,239</b>	<b>1,296</b>	<b>1,294</b>	<b>1,357</b>	<b>1,387</b>	<b>1,519</b>	<b>1,591</b>	<b>1,599</b>	<b>1,615</b>
France	90	99	111	120	130	140	159	160	157	157
Germany	161	165	175	184	209	220	252	252	264	287
Italy	36	39	43	47	51	54	66	67	67	69
Netherlands	68	70	73	76	77	81	82	83	82	79
Scandinavia <sup>1/</sup>	78	81	81	78	82	94	113	111	108	102
United Kingdom	488	496	493	470	462	443	446	461	452	474
Other Europe	289	289	319	320	345	356	401	458	469	447
<b>A M E R I C A S</b>	<b>510</b>	<b>524</b>	<b>505</b>	<b>468</b>	<b>525</b>	<b>564</b>	<b>616</b>	<b>641</b>	<b>635</b>	<b>657</b>
Canada	83	87	80	70	75	83	88	93	93	96
USA	400	409	397	371	417	441	477	492	485	500
Other Americas	27	29	28	27	33	40	51	57	58	62
<b>O C E A N I A</b>	<b>824</b>	<b>910</b>	<b>968</b>	<b>936</b>	<b>989</b>	<b>1,093</b>	<b>1,188</b>	<b>1,261</b>	<b>1,208</b>	<b>1,186</b>
Australia	692	768	833	830	880	956	1,050	1,125	1,075	1,044
New Zealand	120	117	111	94	96	123	124	120	119	128
Other Oceania	13	25	24	12	13	14	15	16	14	15
<b>O T H E R S</b>	<b>97</b>	<b>113</b>	<b>91</b>	<b>77</b>	<b>76</b>	<b>74</b>	<b>76</b>	<b>68</b>	<b>66</b>	<b>67</b>
<b>TOTAL</b>	<b>9,752</b>	<b>10,288</b>	<b>10,116</b>	<b>9,681</b>	<b>11,639</b>	<b>13,171</b>	<b>14,491</b>	<b>15,568</b>	<b>15,095</b>	<b>15,231</b>

Source:  
ASEAN Secretariat

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

**Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2006-2015**

(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Intra0ASEAN	3,556	3,756	4,125	4,075	4,534	5,530	6,463	7,410	6,620	7,886
Extra0ASEAN	10,266	10,709	10,472	10,075	11,402	13,568	15,891	19,136	18,160	21,995
<b>ASIA (Other than ASEAN)</b>	<b>5,432</b>	<b>5,415</b>	<b>4,916</b>	<b>4,577</b>	<b>5,181</b>	<b>6,553</b>	<b>8,219</b>	<b>10,668</b>	<b>9,758</b>	<b>14,023</b>
Hongkong	463	448	344	379	316	418	605	694	484	669
Republic of Korea	1,101	1,075	22	621	805	1,014	1,153	1,292	1,117	1,373
Taiwan (ROC)	473	427	403	367	369	451	393	504	393	553
China	1,033	1,003	937	816	1,122	1,761	2,761	4,610	4,624	7,935
India	430	506	497	597	760	917	986	1,028	946	1,069
Japan	1,293	1,249	1,111	983	994	1,126	1,341	1,516	1,265	1,382
Other Asia	638	706	1,602	815	813	866	979	1,024	929	1,042
<b>EUROPE</b>	<b>2,561</b>	<b>3,622</b>	<b>3,790</b>	<b>3,852</b>	<b>4,442</b>	<b>4,949</b>	<b>5,454</b>	<b>6,156</b>	<b>6,156</b>	<b>5,629</b>
France	320	352	384	401	462	509	538	724	632	681
Germany	508	537	531	557	607	603	664	580	718	761
Italy	143	159	148	164	168	181	188	197	220	246
Netherlands	174	183	194	204	197	197	198	210	210	222
Scandinavia <sup>1/</sup>	521	623	677	617	634	606	657	632	611	592
United Kingdom	0	746	759	777	811	844	800	848	909	947
Other Europe	895	1,022	1,098	1,132	1,564	2,008	2,410	2,966	2,855	2,181
<b>AMERICAS</b>	<b>825</b>	<b>817</b>	<b>853</b>	<b>795</b>	<b>845</b>	<b>953</b>	<b>1,007</b>	<b>1,104</b>	<b>1,105</b>	<b>1,235</b>
Canada	150	150	153	147	168	193	193	209	213	227
USA	641	624	649	599	612	684	726	789	765	868
Other Americas	34	44	51	48	64	76	88	106	127	140
<b>OCEANIA</b>	<b>627</b>	<b>732</b>	<b>788</b>	<b>728</b>	<b>790</b>	<b>960</b>	<b>1,036</b>	<b>1,019</b>	<b>947</b>	<b>921</b>
Australia	538	638	694	646	698	854	930	906	836	806
New Zealand	87	90	91	78	89	104	99	107	108	112
Other Oceania	2	4	3	5	2	3	7	7	3	3
<b>OTHERS</b>	<b>820</b>	<b>122</b>	<b>125</b>	<b>123</b>	<b>145</b>	<b>153</b>	<b>175</b>	<b>189</b>	<b>193</b>	<b>187</b>
<b>TOTAL</b>	<b>13,822</b>	<b>14,464</b>	<b>14,597</b>	<b>14,150</b>	<b>15,936</b>	<b>19,098</b>	<b>22,354</b>	<b>26,547</b>	<b>24,780</b>	<b>29,881</b>

Source:  
ASEAN Secretariat

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

**Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2006-2015**

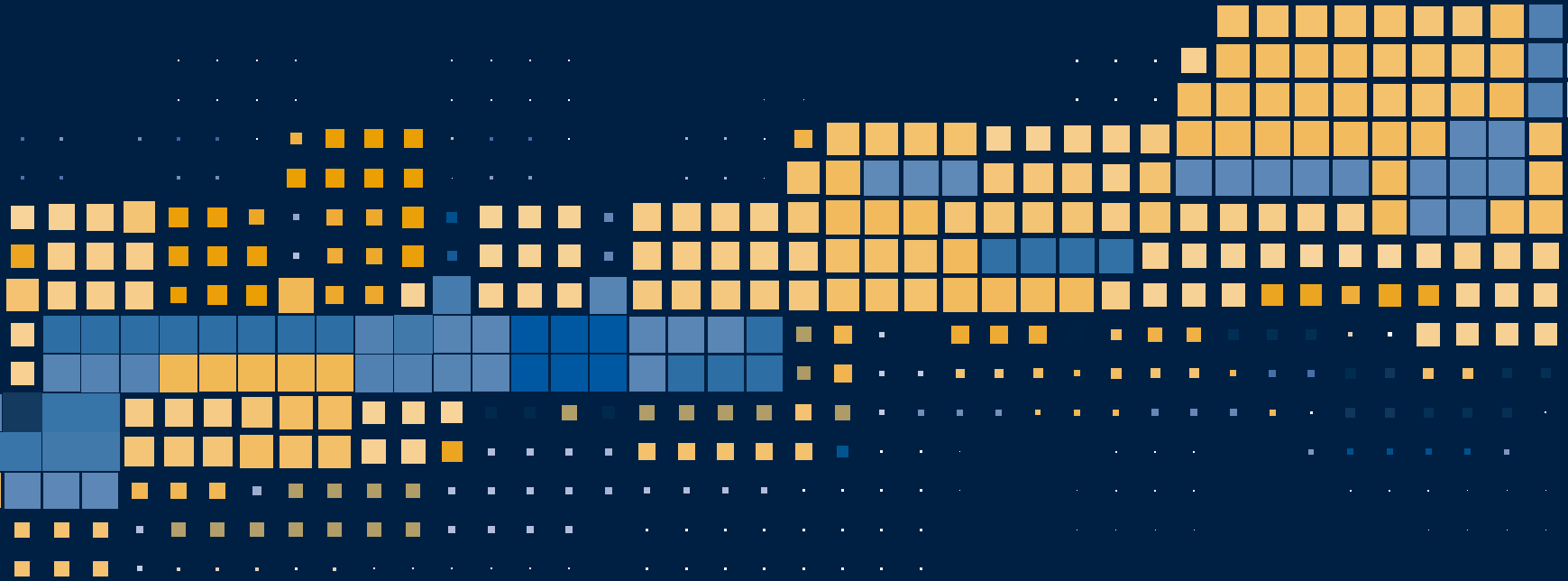
(in thousand)

Country of Origin	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Intra0ASEAN	572	661	516	319	689	838	1,364	1,440	1,495	1,301
Extra0ASEAN	3,012	3,488	3,738	3,453	4,361	5,176	5,484	6,132	6,379	6,643
<b>ASIA (Other than ASEAN)</b>	<b>1,601</b>	<b>1,773</b>	<b>1,796</b>	<b>1,520</b>	<b>2,177</b>	<b>2,796</b>	<b>3,129</b>	<b>3,670</b>	<b>3,847</b>	<b>4,334</b>
Hongkong	4	6	0	0	0	0	13	10	15	0
Republic of Korea	422	486	449	362	496	536	701	749	848	1,113
Taiwan (ROC)	275	320	304	272	334	361	409	399	389	330
China	516	550	650	528	905	1,417	1,429	1,908	1,947	1,781
India	0	0	0	0	0	0	0	0	0	0
Japan	384	411	393	359	442	482	576	604	648	671
Other Asia	0	0	0	0	0	0	0	0	0	439
<b>E U R O P E</b>	<b>473</b>	<b>624</b>	<b>182</b>	<b>175</b>	<b>199</b>	<b>211</b>	<b>927</b>	<b>1,046</b>	<b>1,198</b>	<b>1,200</b>
France	132	175	182	175	199	211	220	210	214	212
Germany	77	97	0	0	0	0	107	98	142	149
Italy	16	22	0	0	0	0	31	32	36	40
Netherlands	27	35	0	0	0	0	46	47	49	53
Scandinavia <sup>1/</sup>	37	35	0	0	0	0	72	67	69	68
United Kingdom	84	114	0	0	0	0	170	185	202	213
Other Europe	100	147	0	0	0	0	281	407	486	465
<b>A M E R I C A S</b>	<b>459</b>	<b>512</b>	<b>417</b>	<b>404</b>	<b>431</b>	<b>440</b>	<b>557</b>	<b>537</b>	<b>548</b>	<b>474</b>
Canada	74	117	0	0	0	0	114	105	104	106
USA	386	395	417	404	431	440	444	432	444	368
Other Americas	0	0	0	0	0	0	0	0	0	0
<b>O C E A N I A</b>	<b>187</b>	<b>231</b>	<b>235</b>	<b>218</b>	<b>278</b>	<b>290</b>	<b>316</b>	<b>351</b>	<b>354</b>	<b>336</b>
Australia	173	211	235	218	278	290	290	320	321	304
New Zealand	14	20	0	0	0	0	27	31	33	32
Other Oceania	0	0	0	0	0	0	0	0	0	0
<b>O T H E R S</b>	<b>292</b>	<b>349</b>	<b>1,108</b>	<b>1,136</b>	<b>1,275</b>	<b>1,439</b>	<b>554</b>	<b>528</b>	<b>432</b>	<b>299</b>
<b>TOTAL</b>	<b>3,583</b>	<b>4,150</b>	<b>4,254</b>	<b>3,772</b>	<b>5,050</b>	<b>6,014</b>	<b>6,848</b>	<b>7,572</b>	<b>7,874</b>	<b>7,944</b>

Source:  
ASEAN Secretariat

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





CHAPTER 10  
**Agriculture**



**Table 10.1. Agriculture Land and Land Use, 2014**

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	12,247.0
Indonesia	190,457.0	181,157.0	23,500.0	22,500.0	11,000.0	57,000.0	31.5	118,813.0
Lao PDR	23,680.0	23,080.0	1,525.0	169.0	675.0	2,369.0	10.3	4,305.0
Malaysia	33,080.0	32,855.0	954.0	6,600.0	285.0	7,839.0	23.9	7,846.0
Myanmar	67,659.0	65,308.0	10,789.0	1,550.0	306.0	12,645.0	19.4	35,696.0
Philippines	30,000.0	29,817.0	5,590.0	5,350.0	1,500.0	12,440.0	41.7	55,566.0
Singapore	71.0	70.9	0.6	0.1	-	0.7	0.9	-
Thailand	51,312.0	51,089.0	16,810.0	4,500.0	800.0	22,110.0	43.3	34,167.0
Viet Nam	33,095.7	31,007.0	6,409.5	3,822.2	642.0	10,873.7	35.1	62,053.0
<b>Total</b>	<b>448,035.7</b>	<b>432,562.9</b>	<b>69,383.1</b>	<b>44,652.3</b>	<b>16,711.4</b>	<b>130,746.8</b>	<b>30.2</b>	<b>330,791.0</b>

Source:

FAOSTAT website, as of November 2017

**Table 10.2. GDP Share, Employment, Export and Import Share of Agriculture Sector**

(%)

Country	GDP Share <sup>1)</sup>		Employment Share <sup>**)</sup>		Export Share		Import Share	
	2015	2016	2015	2016	2015	2016	2015	2016
Brunei Darussalam	0.8	0.8	-	-	0.1	0.2	15.8	18.7
Cambodia	23.6	21.7	-	54.9	5.3	4.7	7.2	7.2
Indonesia	13.0	12.8	32.9	31.9	20.8	21.3	10.3	12.0
Lao PDR	18.3	17.6	-	-	21.7	29.9	5.3	13.5
Malaysia	9.0	8.1	12.5	11.4	10.4	11.1	8.7	8.6
Myanmar	28.9	27.5	-	-	30.1	38.0	11.3	18.9
Philippines	9.5	8.8	29.6	28.3	8.1	8.8	12.4	12.8
Singapore	0.0	0.0	-	-	2.9	2.9	4.0	4.1
Thailand	6.7	6.3	31.3	30.2	14.3	14.1	6.4	6.9
Viet Nam	18.2	17.3	44.0	41.9	12.9	13.0	8.5	8.7
<b>Total in percent</b>					<b>5.3</b>	<b>5.4</b>	<b>3.7</b>	<b>4.0</b>
<b>Total in Million US \$</b>					<b>123,014.0</b>	<b>125,707.0</b>	<b>81,672.8</b>	<b>87,336.9</b>

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 3.9



**Table 10.3. Paddy Production in ASEAN, 2007-2016**

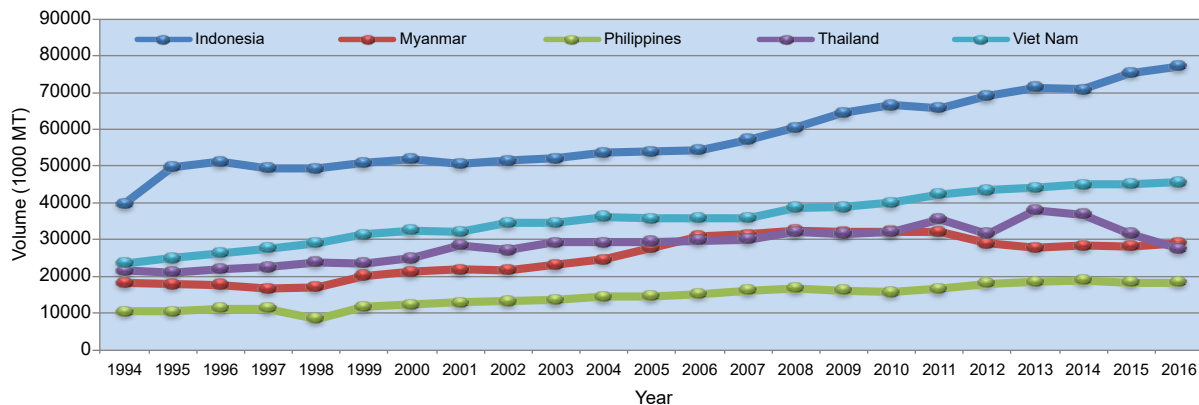
(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	1.5	1.4	1.4	1.7	2.2	2.3	1.9	2.1	3.1	3.2
Cambodia	6,727.0	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
Indonesia	57,157.4	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
Lao PDR	2,710.1	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
Malaysia	2,277.0	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
Myanmar	31,449.0	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
Philippines	16,240.2	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
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	30,014.0	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
Viet Nam	35,917.9	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
<b>ASEAN</b>	<b>182,494.1</b>	<b>193,018.2</b>	<b>196,351.3</b>	<b>200,313.8</b>	<b>206,925.3</b>	<b>206,389.6</b>	<b>214,822.6</b>	<b>216,015.7</b>	<b>214,704.4</b>	<b>214,705.1</b>

Source:

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

**Graph 10.1. Paddy Production in Five Major Paddy Producers, 1994-2016**



**Table 10.4. Maize Production in ASEAN, 2007-2016**

(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	0.2	0.5	0.4	-	-	-	-	-	-	-
Cambodia	523.0	612.0	924.0	773.0	717.2	940.4	843.0	926.9	549.4	560.6
Indonesia	13,287.5	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
Lao PDR	690.8	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
Malaysia	40.4	33.0	35.2	47.6	50.0	52.5	-	-	-	-
Myanmar	1,146.0	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
Philippines	6,736.9	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
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	3,539.5	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
Viet Nam	4,250.9	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
<b>ASEAN</b>	<b>30,215.3</b>	<b>34,783.1</b>	<b>36,981.5</b>	<b>37,252.9</b>	<b>37,260.3</b>	<b>40,003.5</b>	<b>39,723.6</b>	<b>40,384.5</b>	<b>40,666.9</b>	<b>43,120.4</b>

Source:

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

**Table 10.5. Soybean Production in ASEAN, 2007-2016**

(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	118.0	108.0	137.0	157.0	114.6	119.8	131.0	131.1	104.2	108.3
Indonesia	592.5	775.7	974.5	907.0	851.3	843.0	780.0	955.0	983.0	969.5
Lao PDR	10.5	10.6	16.7	11.4	13.8	6.4	13.9	17.0	17.6	17.9
Malaysia	-	-	-	-	-	-	-	-	-	-
Myanmar	217.0	244.0	240.5	253.7	254.5	236.9	237.9	234.9	228.9	246.2
Philippines	1.0	1.0	0.8	0.8	0.7	0.6	0.8	0.9	0.7	0.6
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	210.8	184.0	194.9	169.6	151.4	151.4	76.5	55.9	57.7	56.6
Viet Nam	275.3	267.6	213.6	298.6	254.2	177.6	168.4	156.5	146.4	137.7
<b>ASEAN</b>	<b>1,425.1</b>	<b>1,591.0</b>	<b>1,778.1</b>	<b>1,798.1</b>	<b>1,640.5</b>	<b>1,535.7</b>	<b>1,408.5</b>	<b>1,551.3</b>	<b>1,538.5</b>	<b>1,536.8</b>

Source:

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

**Table 10.6. Sugarcane Production in ASEAN, 2007-2016**

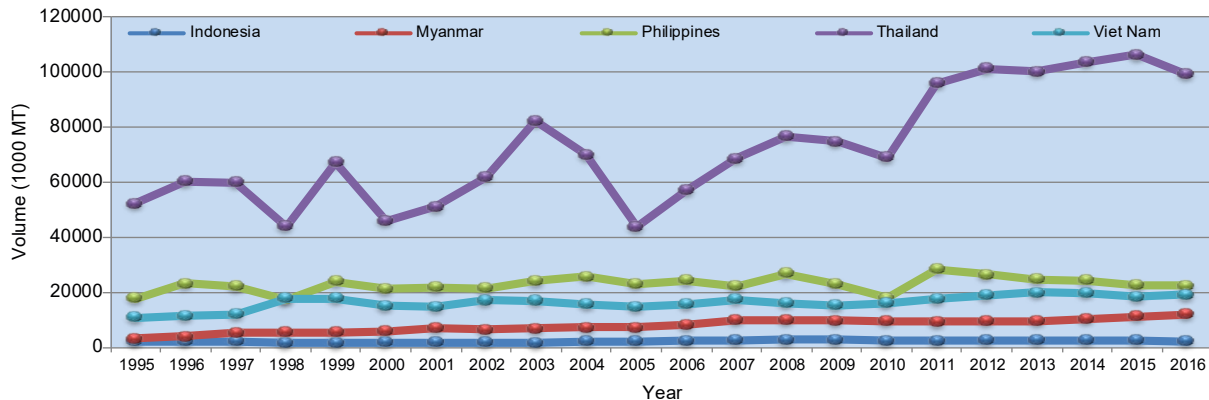
(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	0.1	0.0	0.1	-	-	-	-	-	-	-
Cambodia	287.0	385.0	350.0	366.0	468.7	n.a.	730.0	911.3	1,541.0	1,571.8
Indonesia	2,587.6	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
Lao PDR	323.9	416.7	1,014.1	818.7	1,222.0	1,055.7	865.1	1,840.5	1,749.8	1,821.0
Malaysia	755.8	277.1	274.6	207.0	209.1	49.4	-	-	-	-
Myanmar	9,833.0	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
Philippines	22,235.3	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
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	68,641.2	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
Viet Nam	17,378.5	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
<b>ASEAN</b>	<b>122,042.3</b>	<b>133,105.5</b>	<b>127,183.9</b>	<b>116,142.1</b>	<b>155,208.9</b>	<b>159,779.4</b>	<b>158,258.1</b>	<b>163,338.3</b>	<b>164,219.8</b>	<b>158,180.6</b>

Source:

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

**Graph 10.2. Sugarcane Production in Five Major Sugarcane Producers, 1995-2016**



**Table 10.7. Cassava Production in ASEAN, 2007-2015**

(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	0.1	0.2	0.1	0.2	0.1	0.2	n.a.	0.2	0.2	0.2
Cambodia	2,215.0	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
Indonesia	20,794.9	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
Lao PDR	233.4	262.0	152.6	500.1	743.2	1,060.9	1,254.2	1,629.8	1,513.9	1,527.2
Malaysia	39.9	35.2	36.9	37.2	39.1	41.0	n.a.	51.9	57.1	62.8
Myanmar	282.0	334.0	333.5	477.7	607.1	729.9	578.6	524.2	484.9	509.3
Philippines	1,871.1	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
Singapore	-	-	-	-	-	-	-	-	-	-
Thailand	26,776.7	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
Viet Nam	7,984.9	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
<b>ASEAN</b>	<b>60,198.1</b>	<b>61,125.5</b>	<b>66,747.9</b>	<b>61,025.3</b>	<b>67,464.8</b>	<b>68,771.8</b>	<b>75,733.4</b>	<b>76,349.3</b>	<b>82,652.2</b>	<b>86,936.9</b>

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**

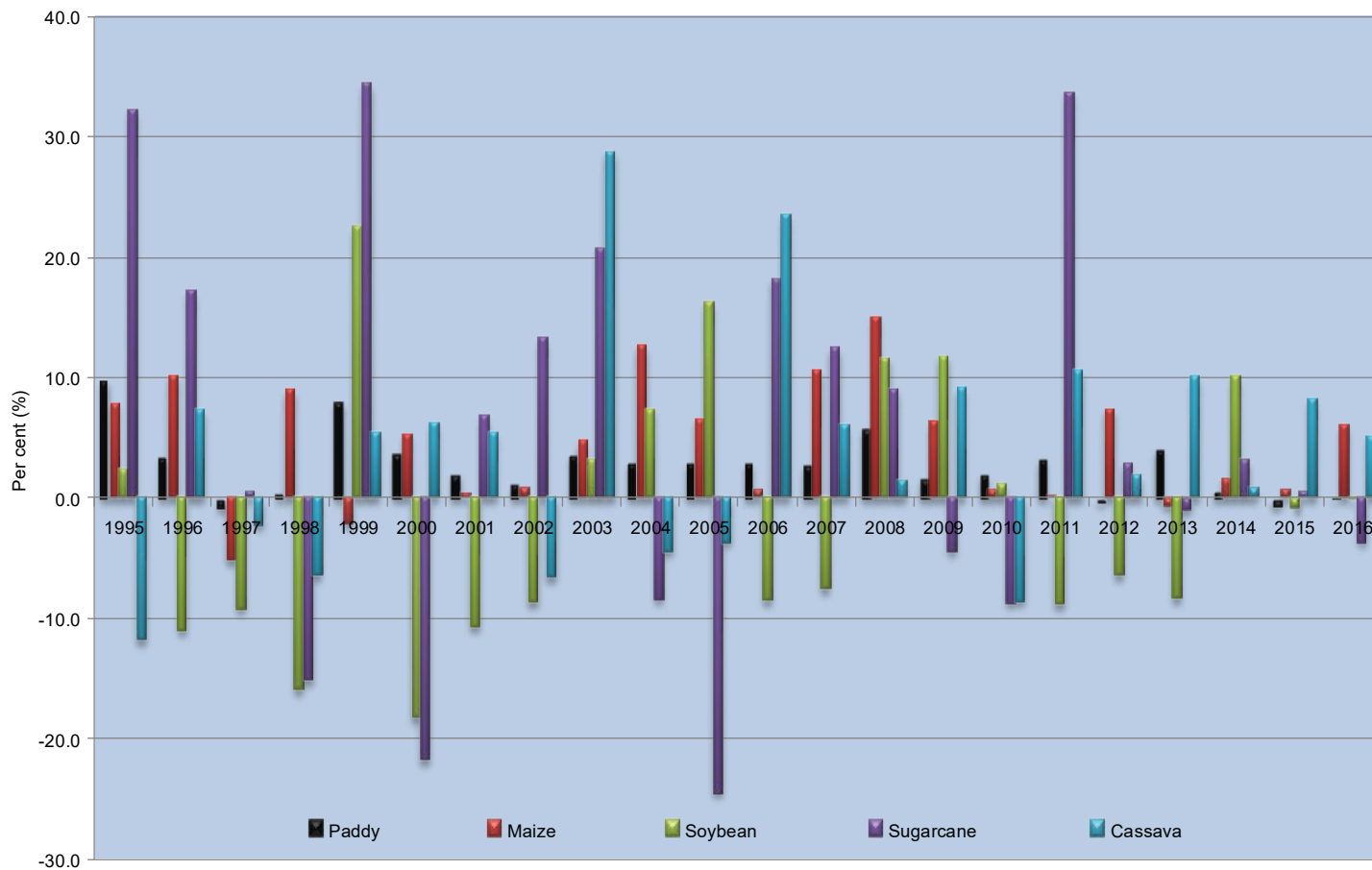
(1000 mt)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007-2016
Paddy	2.8	5.8	1.7	2.0	3.3	(0.3)	4.1	0.6	(0.6)	0.0	1.6
Maize	10.6	15.1	6.3	0.7	0.0	7.4	(0.7)	1.7	0.7	6.0	3.6
Soybean	(7.5)	11.6	11.8	1.1	(8.8)	(6.4)	(8.3)	10.1	(0.8)	(0.1)	0.8
Sugarcane	12.5	9.1	(4.4)	(8.7)	33.6	2.9	(1.0)	3.2	0.5	(3.7)	2.6
Cassava	6.0	1.5	9.2	(8.6)	10.6	1.9	10.1	0.8	8.3	5.2	3.7

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, 1995-2016**



**Table 10.9. ASEAN Export of Selected Agricultural Products and Inputs, 2007-2016**

(Million US \$)

No	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007-2016
01	Rice, including husked and broken rice	4,539	7,857	6,621	7,352	9,178	8,836	7,831	9,050	8,162	7,093	4.6
02	Banana, fresh	417	415	364	338	528	678	1,003	1,223	565	943	8.5
03	Pineapple Production excluding fresh <sup>1)</sup>	646	929	734	727	1,058	943	848	888	1,140	1,135	5.8
04	Mangoes pineapple fresh, including guava, mangosteen, etc	158	152	173	197	293	363	510	616	508	663	15.4
05	Oil of palm	16,468	25,242	19,904	26,232	35,344	33,547	28,769	29,860	25,031	23,609	3.7
06	Coconut oil	1,442	2,005	1,108	1,987	2,645	2,166	1,624	2,414	2,167	2,180	4.2
07	Cake of coconuts	85	95	75	107	97	187	290	178	121	96	1.2
08	Soybeans	18	20	18	15	22	24	21	51	21	23	2.7
09	Sugar and honey	2,020	2,322	2,731	3,320	5,469	2,736	2,975	2,663	2,905	3,510	5.7
10	Coffee, green, husk, roasted	2,040	2,568	1,909	2,171	3,013	4,312	3,547	4,006	3,532	4,041	7.1
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	3,974	4,057	3,493	4,595	5,067	4,813	5,165	5,966	4,341	4,850	2.0
12	Tobacco	1,502	1,689	1,750	2,070	2,330	2,513	2,801	3,071	3,198	3,185	7.8
13	Crude Rubber	14,226	16,985	9,693	20,555	32,977	22,399	20,400	14,201	11,290	10,081	(3.4)
14	Fertilizers, manufactured	739	1,091	974	1,149	1,664	1,886	1,947	1,638	1,235	1,109	4.1
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	552	225	166	314	235	45	82	69	79	69	(18.8)

Source:  
ASEAN Secretariat

**Table 10.10. ASEAN Import of Selected Agricultural Products and Inputs, 2007-2016**

(Million US \$)

No	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007-2016
01	Rice, including husked and broken rice	1,866	3,062	2,041	6,344	2,902	2,359	1,321	1,768	1,708	1,497	(2.2)
02	Banana, fresh	15	25	2	29	27	32	40	46	48	50	12.5
03	Pineapple Production excluding fresh <sup>1)</sup>	12	14	8	317	12	11	12	13	15	18	4.1
04	Mangoes pineapple fresh, including guava, mangosteen, etc	83	104	112	188	136	181	249	310	259	299	13.6
05	Oil of palm	918	1,648	1,419	2,282	3,745	3,260	1,661	1,510	1,569	1,119	2.0
06	Coconut oil	178	250	136	239	335	286	176	289	278	287	4.9
07	Cake of coconuts	23	25	21	23	28	35	40	19	26	20	(1.2)
08	Soybeans	1,573	2,051	1,643	1,656	2,923	3,317	3,275	3,492	3,292	3,237	7.5
09	Sugar and honey	2,638	1,540	2,010	5,239	4,169	1,482	1,506	1,549	1,982	3,823	3.8
10	Coffee, green, husk, roasted	261	251	212	264	455	553	500	505	506	548	7.7
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	438	436	331	1,407	504	669	766	1,108	888	852	6.9
12	Tobacco	1,347	1,837	1,807	1,929	2,263	2,669	2,831	2,738	2,563	2,738	7.4
13	Crude Rubber	1,335	1,450	1,642	7,603	3,198	3,165	2,885	2,102	1,629	1,484	1.1
14	Fertilizers, manufactured	4,675	8,366	4,678	5,091	9,063	9,599	8,401	7,594	7,335	6,046	2.6
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	778	387	329	678	636	124	119	125	116	120	(17.1)

Source:

ASEAN Secretariat

**Table 10.11. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2015**

(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	314	1	24	32	612	1	63	4,613	2,503	8,162
02	Banana, fresh	-	0	13	55	8	17	440	0	17	14	565
03	Pineapple Production excluding fresh <sup>1)</sup>	-	-	192	-	6	-	337	10	573	21	1,140
04	Mangoes pineapple fresh, including guava, mangosteen, etc	0	0	20	4	19	11	196	4	178	75	508
05	Oil of palm	-	10	15,385	-	9,467	-	13	57	49	49	25,031
06	Coconut oil	-	-	812	-	181	0	1,121	5	26	22	2,167
07	Cake of coconuts	-	-	46	-	1	-	69	0	4	1	121
08	Soybeans	0		1	0	10	3	0	1	5	0	21
09	Sugar and honey	0	25	219	24	234	241	27	86	1,792	257	2,905
10	Coffee, green, husk, roasted	0	0	1,198	59	9	2	1	33	4	2,228	3,532
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	1	0	1,345		240	119	138	19	694	1,784	4,341
12	Tobacco	-	24	958	63	372	18	241	1,198	102	221	3,198
13	Crude Rubber	-	162	3,701	61	1,036	117	57	113	5,057	987	11,290
14	Fertilizers, manufactured	0	-	297	23	483	-	13	18	132	268	1,235
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	-	12	0	9	-	0	16	40	2	79

Sources and Notes: See Table 10.14.



**Table 10.12. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2015**

(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	31	11	352	4	530	1	465	264	15	36	1,708
02	Banana, fresh	3	-	-	-	9	-	0	32	3	0	48
03	Pineapple Production excluding fresh <sup>1)</sup>	0	0	0	0	2	0	0	11	1	0	15
04	Mangoes pineapple fresh, including guava, mangosteen, etc	5	1	30	0	75	1	0	58	19	69	259
05	Oil of palm	4	1	5	1	691	7	89	262	51	459	1,569
06	Coconut oil	0	0	1	0	217	0	3	45	8	3	278
07	Cake of coconuts	-	-	0	0	0	-	-	0	-	25	26
08	Soybeans	1	0	1,034	0	317	1	37	17	1,122	764	3,292
09	Sugar and honey	10	23	248	12	202	396	431	292	166	202	1,982
10	Coffee, green, husk, roasted	1	1	31	0	217	1	33	70	118	35	506
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	4	0	49	0	154	0	12	144	128	397	888
12	Tobacco	0	230	445	23	489	57	148	791	172	208	2,563
13	Crude Rubber	0	2	41	1	1,305	1	11	112	8	146	1,629
14	Fertilizers, manufactured	2	135	2,008	31	1,162	231	578	17	1,784	1,386	7,335
15	Insecticides, fungicide, herbicide, disinfectants & rodenticide	0	-	9	0	15	0	5	14	41	31	116

Source:  
ASEAN Secretariat

**Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs by Countries, 2016**

(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	198	8	48	619	0	15	45	943
03	Pineapple Production excluding fresh <sup>1)</sup>	-	-	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	35	239	1,069	62	77	1,584	185	3,510
10	Coffee, green, husk, roasted	0	0	1,008	67	10	1	0	36	3	2,915	4,041
11	Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen	2	1	1,460	-	200	150	163	20	982	1,874	4,850
12	Tobacco	-	24	947	78	365	22	234	1,174	123	218	3,185
13	Crude Rubber	0	163	3,373	75	869	143	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

Sources and Notes: See Table 10.16.

**Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs by Countries, 2016**

(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 <sup>1)</sup>	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	1	-	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	957	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

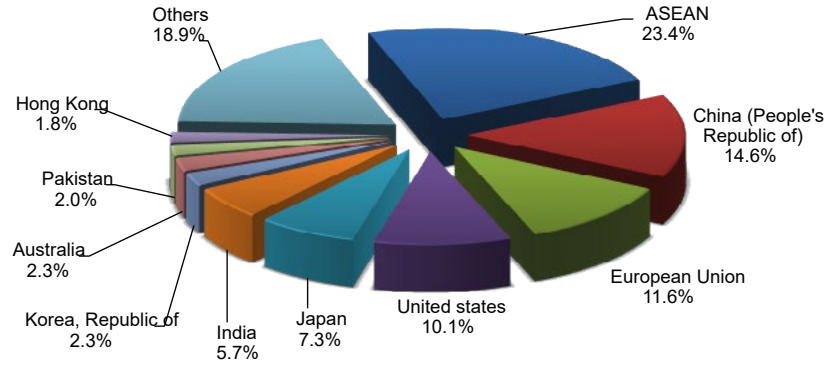
**Table 10.15. ASEAN Major Markets of Agricultural Export Commodities, 2015-2016**

Major Markets	2015		Major Markets	2016	
	Value (Mn US \$)	Share (%)		Value (Mn US \$)	Share (%)
ASEAN	28,518.1	23.2	ASEAN	29,409.8	23.4
China (People's Republic of)	17,121.1	13.9	China (People's Republic of)	18,348.0	14.6
European Union	14,466.8	11.8	European Union	14,584.8	11.6
United states	11,850.7	9.6	United states	12,695.0	10.1
Japan	9,175.2	7.5	Japan	9,236.9	7.3
India	7,181.4	5.8	India	7,102.6	5.7
Australia	2,940.6	2.4	Korea, Republic of	2,939.5	2.3
Korea, Republic of	2,925.0	2.4	Australia	2,875.3	2.3
Hong Kong	2,317.9	1.9	Pakistan	2,489.4	2.0
Pakistan	2,232.2	1.8	Hong Kong	2,318.1	1.8
<b>Top 10</b>	<b>98,728.8</b>	<b>80.3</b>	<b>Top 10</b>	<b>101,999.5</b>	<b>81.1</b>
<b>Others</b>	<b>24,285.2</b>	<b>19.7</b>	<b>Others</b>	<b>23,707.5</b>	<b>18.9</b>
<b>Total</b>	<b>123,014.0</b>	<b>100.0</b>	<b>Total</b>	<b>125,707.0</b>	<b>100.0</b>

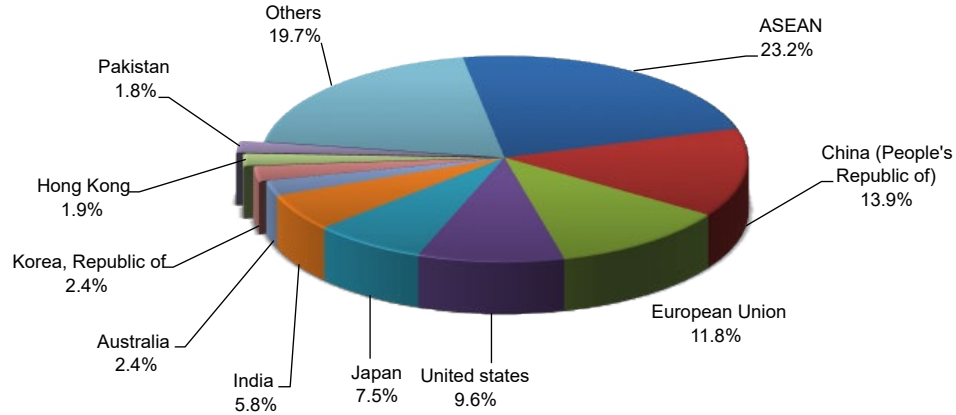
**Table 10.16. ASEAN Major Origin of Agricultural Import Commodities, 2015-2016**

Major Origin	2015		Major Origin	2016	
	Value (Mn US \$)	Share (%)		Value (Mn US \$)	Share (%)
ASEAN	21,885.3	26.8	ASEAN	23,651.0	27.1
United states	8,768.6	10.7	United states	9,709.4	11.1
European Union	8,324.6	10.2	European Union	9,064.3	10.4
China (People's Republic of)	7,510.1	9.2	China (People's Republic of)	8,454.5	9.7
Brazil	6,086.0	7.5	Australia	6,378.5	7.3
Australia	6,024.9	7.4	Brazil	5,772.8	6.6
Argentina	4,742.7	5.8	Argentina	5,700.8	6.5
India	3,605.3	4.4	India	3,672.4	4.2
New Zealand	2,451.8	3.0	New Zealand	2,387.7	2.7
Japan	1,905.8	2.3	Ukraine	1,269.7	1.5
<b>Top 10</b>	<b>71,305.1</b>	<b>87.3</b>	<b>Top 10</b>	<b>76,061.0</b>	<b>87.1</b>
<b>Others</b>	<b>10,367.7</b>	<b>12.7</b>	<b>Others</b>	<b>11,275.8</b>	<b>12.9</b>
<b>Total</b>	<b>81,672.8</b>	<b>100.0</b>	<b>Total</b>	<b>87,336.9</b>	<b>100.0</b>

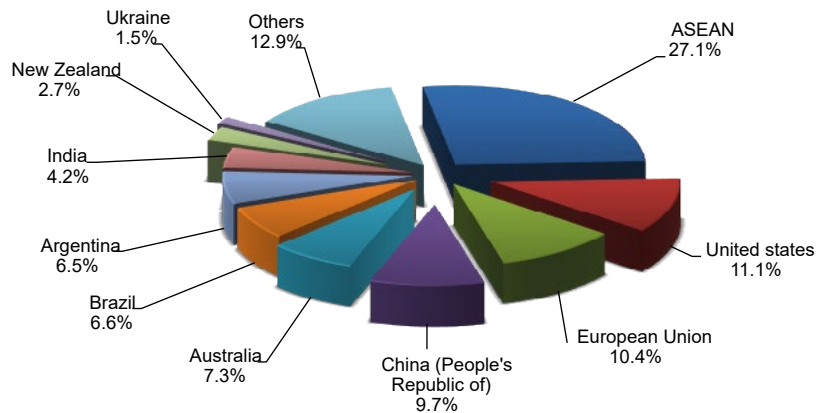
**Graph 10.4. Share of ASEAN Major Markets of Agricultural Commodities, 2016**



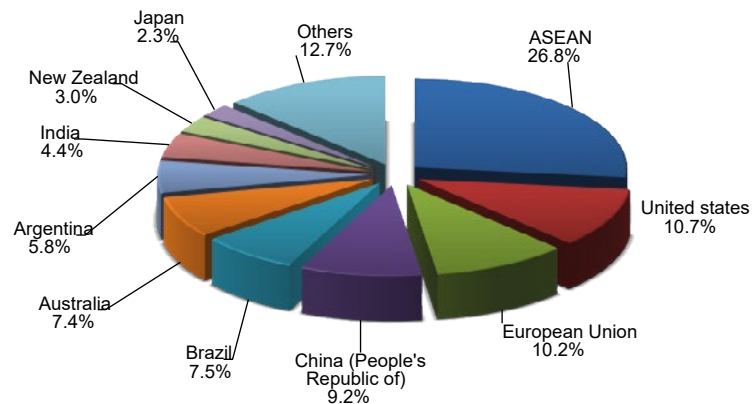
**Graph 10.5. Share of ASEAN Major Markets of Agricultural Commodities, 2015**



**Graph 10.6. Share of ASEAN Major Origin of Agricultural Commodities, 2016**



**Graph 10.7. Share of ASEAN Major Origin of Agricultural Commodities, 2015**



**Table 10.17. ASEAN Major Markets of Selected Agricultural Export Commodities, 2012-2016**

Selected Products/ 2012 Top 3 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Rice, husked and broken</b>										
ASEAN	2,068.3	23.4	1,246.1	15.9	1,947.5	21.5	1,995.0	24.4	1,251.7	17.6
China (People's Republic of)	1,288.5	14.6	1,494.5	19.1	1,778.4	19.7	1,934.5	23.7	1,671.1	23.6
Nigeria	694.6	7.9	94.2	1.2	532.1	5.9	250.1	3.1	23.2	0.3
Top 3	4,051.4	45.8	2,834.8	36.2	4,258.0	47.0	4,179.6	51.2	2,945.9	41.5
<b>Banana, fresh</b>										
Japan	309.5	45.6	330.0	32.9	401.3	32.8	180.6	32.0	237.8	25.2
China (People's Republic of)	103.4	15.3	196.8	19.6	326.4	26.7	204.0	36.1	423.0	44.9
Korea, Republic of	59.0	8.7	93.6	9.3	118.0	9.6	51.9	9.2	116.1	12.3
Top 3	471.9	69.6	620.4	61.8	845.7	69.1	436.4	77.3	776.9	82.4
<b>Pineapple products</b>										
United states	314.2	33.3	309.4	36.5	307.5	34.6	413.1	36.2	432.4	38.1
European Union	270.8	28.7	232.4	27.4	240.0	27.0	284.9	25.0	291.8	25.7
ASEAN	59.5	6.3	18.1	2.1	45.6	5.1	40.0	3.5	39.4	3.5
Top 3	644.5	68.4	559.9	66.0	593.1	66.8	738.0	64.7	763.6	67.3
<b>Palm Oil</b>										
India	7,211.9	21.5	6,129.5	21.3	6,023.6	20.2	5,279.9	21.1	5,176.2	21.9
China (People's Republic of)	5,312.9	15.8	4,000.2	13.9	3,476.6	11.6	3,141.6	12.6	2,443.6	10.4
European Union	4,451.3	13.3	4,206.9	14.6	4,498.2	15.1	3,467.3	13.9	3,148.1	13.3
Top 3	16,976.2	50.6	14,336.6	49.8	13,998.4	46.9	11,888.8	47.5	10,767.9	45.6



**Table 10.17. ASEAN Major Markets of Selected Agricultural Export Commodities, 2012-2016 (Continued)**

Selected Products/ 2012 Top 3 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Coconut Oil</b>										
European Union	716.4	33.1	473.4	29.1	674.2	27.9	686.6	31.7	696.6	32.0
United states	542.6	25.1	506.1	31.2	812.1	33.6	727.2	33.6	695.5	31.9
ASEAN	346.3	16.0	238.9	14.7	315.9	13.1	202.2	9.3	209.7	9.6
Top 3	1,605.3	74.1	1,218.4	75.0	1,802.2	74.7	1,616.0	74.6	1,601.8	73.5
<b>Shrimps, prawns, lobster, oth crust</b>										
United states	1,528.7	31.8	1,656.3	32.1	2,260.1	37.9	1,442.5	33.2	1,719.1	35.4
Japan	1,290.8	26.8	1,232.4	23.9	1,086.9	18.2	866.9	20.0	888.0	18.3
European Union	443.9	9.2	457.4	8.9	637.3	10.7	401.1	9.2	420.5	8.7
Top 3	3,263.5	67.8	3,346.0	64.8	3,984.4	66.8	2,710.5	62.4	3,027.5	62.4
<b>Tobacco</b>										
ASEAN	1,651.2	65.7	1,860.6	66.4	2,077.1	67.6	1,973.9	61.7	2,179.5	68.4
European Union	126.7	5.0	150.4	5.4	175.5	5.7	167.6	5.2	157.5	4.9
Hong Kong	114.4	4.6	89.1	3.2	73.4	2.4	78.7	2.5	84.6	2.7
Top 3	1,892.2	75.3	2,100.1	75.0	2,325.9	75.7	2,220.2	69.4	2,421.7	76.0
<b>Crude Rubber</b>										
China (People's Republic of)	7,428.4	33.2	7,465.9	36.6	4,817.5	33.9	3,803.3	33.7	3,267.0	32.4
European Union	2,854.6	12.7	2,392.5	11.7	1,742.3	12.3	1,363.8	12.1	1,276.1	12.7
United states	2,658.8	11.9	2,159.1	10.6	1,531.1	10.8	1,261.6	11.2	1,123.6	11.1
Top 3	12,941.7	57.8	12,017.5	58.9	8,090.9	57.0	6,428.7	56.9	5,666.8	56.2

Source:  
ASEAN Secretariat

**Table 10.18. ASEAN Major Markets of Selected Agricultural Import Commodities, 2012-2016**

Selected Products/ 2012 Top 3 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Rice, husked and broken</b>										
ASEAN	1,904.3	80.7	992.7	75.2	1,398.8	79.1	1,321.0	77.3	1,211.7	80.9
India	233.9	9.9	157.3	11.9	177.0	10.0	181.1	10.6	119.0	7.9
Pakistan	139.4	5.9	100.3	7.6	124.0	7.0	142.4	8.3	96.1	6.4
Top 3	2,277.5	96.5	1,250.3	94.7	1,699.8	96.1	1,644.5	96.3	1,426.8	95.3
<b>Banana, fresh</b>										
ASEAN	31.6	97.3	39.6	97.9	44.6	97.1	44.4	92.1	42.9	85.1
India	0.4	1.3	0.6	1.5	0.7	1.5	0.8	1.7	1.4	2.7
China (People's Republic of)	0.4	1.2	0.2	0.5	0.1	0.3	0.1	0.1	0.1	0.2
Top 3	32.4	99.7	40.4	99.8	45.4	98.9	45.3	93.9	44.4	88.1
<b>Pineapple products</b>										
ASEAN	11.0	97.7	12.1	98.5	12.6	98.5	14.3	98.5	17.2	98.0
China (People's Republic of)	0.2	1.4	0.1	0.9	0.1	0.8	0.1	0.6	0.2	0.9
European Union	0.1	0.5	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.2
Top 3	11.2	99.7	12.2	99.5	12.7	99.6	14.5	99.4	17.4	99.2
<b>Palm Oil</b>										
ASEAN	3,226.0	99.0	1,627.3	98.0	1,491.8	98.8	1,536.1	97.9	1,100.4	98.4
Papua New Guinea	22.2	0.7	17.5	1.1	15.9	1.1	18.0	1.1	8.3	0.7
Hong Kong	4.9	0.2	-	-	0.0	0.0	-	-	-	-
Top 3	3,253.0	99.8	1,644.9	99.1	1,507.7	99.9	1,554.1	99.0	1,108.7	99.1

**Table 10.18. ASEAN Major Markets of Selected Agricultural Import Commodities, 2012-2016 (Continued)**

Selected Products/ 2012 Top 3 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Coconut Oil</b>										
ASEAN	256.6	89.6	155.1	88.2	258.3	89.3	250.2	90.0	227.7	79.4
Australia	12.1	4.2	9.3	5.3	12.8	4.4	12.3	4.4	10.0	3.5
Papua New Guinea	4.8	1.7	4.2	2.4	6.6	2.3	7.0	2.5	14.6	5.1
Top 3	273.4	95.4	168.5	95.9	277.7	96.0	269.5	96.9	252.2	88.0
<b>Shrimps, prawns, lobster, oth crust</b>										
ASEAN	185.0	27.6	170.9	22.3	194.4	17.5	156.2	17.6	168.7	19.8
China (People's Republic of)	181.6	27.1	127.2	16.6	219.8	19.8	86.9	9.8	50.2	5.9
India	101.8	15.2	254.3	33.2	424.6	38.3	390.4	44.0	321.4	37.7
Top 3	468.3	70.0	552.5	72.1	838.8	75.7	633.5	71.3	540.3	63.5
<b>Tobacco</b>										
ASEAN	954.4	35.8	1,048.2	37.0	1,056.8	38.6	976.9	38.1	998.9	36.5
China (People's Republic of)	594.2	22.3	562.1	19.9	560.5	20.5	547.1	21.3	668.1	24.4
Brazil	254.3	9.5	262.1	9.3	251.6	9.2	213.8	8.3	219.6	8.0
Top 3	1,802.9	67.5	1,872.4	66.1	1,868.9	68.3	1,737.8	67.8	1,886.5	68.9
<b>Crude Rubber</b>										
ASEAN	2,804.4	88.6	2,517.6	87.3	1,865.9	88.8	1,422.1	87.3	1,261.3	85.0
Cote d'Ivoire	159.0	5.0	188.7	6.5	144.2	6.9	128.7	7.9	159.1	10.7
Sri Lanka	44.1	1.4	29.7	1.0	12.3	0.6	5.4	0.3	8.2	0.6
Top 3	3,007.5	95.0	2,736.0	94.8	2,022.4	96.2	1,556.2	95.5	1,428.6	96.3

Source:  
ASEAN Secretariat

**Table 10.19. ASEAN Major Markets of Export of Selected Agricultural Inputs, 2012 - 2016**

Selected Products/ 2010 Top 5 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Fertiliser</b>										
ASEAN	1,176.6	62.4	1,168.3	60.0	952.1	58.1	849.5	68.8	748.8	67.5
United states	169.8	9.0	79.8	4.1	134.3	8.2	57.8	4.7	42.1	3.8
Australia	150.7	8.0	144.0	7.4	170.6	10.4	108.4	8.8	105.7	9.5
Japan	69.5	3.7	64.5	3.3	53.2	3.2	40.5	3.3	36.0	3.3
India	60.4	3.2	97.7	5.0	4.4	0.3	9.3	0.8	16.9	1.5
Top 5	1,626.9	86.3	1,554.3	79.8	1,314.6	80.2	1,065.5	86.3	949.6	85.7
<b>Agriculture Pesticides</b>										
ASEAN	22.5	49.7	31.4	38.2	37.3	54.3	50.4	63.9	44.2	64.1
Taiwan	3.5	7.7	3.7	4.4	3.7	5.3	3.4	4.3	3.6	5.3
China (People's Republic of)	3.0	6.5	3.0	3.6	8.6	12.5	2.6	3.3	1.8	2.6
Japan	2.6	5.8	9.3	11.3	6.8	9.9	9.8	12.4	9.9	14.4
Australia	2.4	5.3	21.2	25.8	2.5	3.6	2.7	3.4	1.0	1.4
Top 5	34.0	75.0	68.5	83.3	58.9	85.8	68.9	87.2	60.4	87.7

Source:  
ASEAN Secretariat

**Table 10.20. ASEAN Major Origins of Import of Selected Agricultural Inputs, 2012-2016**

Selected Products/ 2010 Top 5 Countries	2012		2013		2014		2015		2016	
	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)	Value (Mn US \$)	Share (%)
<b>Fertiliser</b>										
China (People's Republic of)	2,388.5	24.9	1,999.0	23.8	2,171.8	28.6	2,242.3	30.6	1,919.8	31.8
Canada	1,216.3	12.7	1,155.8	13.8	880.6	11.6	688.4	9.4	648.5	10.7
Russian Federation	1,032.4	10.8	770.3	9.2	821.6	10.8	746.1	10.2	648.4	10.7
ASEAN	1,017.5	10.6	1,026.0	12.2	823.7	10.8	765.2	10.4	725.9	12.0
European Union	807.1	8.4	585.1	7.0	435.3	5.7	430.0	5.9	395.2	6.5
Top 5	6,461.7	67.3	5,536.2	65.9	5,133.0	67.6	4,871.9	66.4	4,337.8	71.7
<b>Agriculture Pesticides</b>										
China (People's Republic of)	59.5	48.0	44.5	37.3	45.4	36.4	41.1	35.5	40.3	33.7
ASEAN	21.0	17.0	26.7	22.3	21.8	17.5	20.7	17.9	31.3	26.2
European Union	16.2	13.1	17.7	14.8	21.5	17.3	20.9	18.1	20.1	16.9
Germany	6.7	5.4	8.9	7.4	10.2	8.2	8.2	7.0	7.2	6.0
Japan	6.5	5.2	7.4	6.2	6.3	5.1	7.4	6.4	4.9	4.1
Top 5	109.9	88.8	105.2	88.1	105.1	84.4	98.4	85.0	103.7	86.8

Source:  
ASEAN Secretariat

**Table 10.21. ASEAN Export of Fishery Products by 4 digit HS Code, 2007-2016**

(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	
2007	237.6	522.0	630.0	1,396.9	228.4	3,956.3	1,020.6	-	7,991.8
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	12,480.5
2013	482.3	621.3	1,023.0	3,051.3	421.7	5,264.0	1,174.1	80.3	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	1,122.8	74.4	10,918.0
2016	331.4	485.7	1,122.2	3,183.2	409.2	5,053.8	1,272.1	53.5	11,911.2

Source:  
ASEAN Secretariat

**Table 10.22. ASEAN Export of Fishery Products by Country, 2007-2016**

(in Million US\$)

Country	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2007	3.9	3.1	1,723.0	0.0	622.8	363.7	288.8	263.9	2,427.9	2,294.6	7,991.7
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	291.3	2,844.1	4,815.4	12,480.5
2013	3.8	1.2	2,856.3	0.1	622.9	699.4	558.2	255.7	2,129.6	4,990.6	12,117.8
2014	3.9	0.7	3,111.9	0.4	675.8	423.2	649.8	231.5	2,134.1	5,654.1	12,885.5
2015	3.1	0.5	2,649.8	0.1	504.8	446.6	504.4	264.7	1,766.7	4,777.4	10,918.1
2016	2.8	0.7	2,923.7	0.1	515.5	537.9	505.9	264.3	2,038.8	5,121.5	11,911.1

Source:  
ASEAN Secretariat

**Table 10.23. ASEAN Import of Fishery Products by 4 digit HS Code, 2007-2016**

(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	
2007	64.4	276.4	1,812.0	214.1	71.6	383.9	215.2	-	3,037.6
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	5,759.5
2014	64.8	448.6	2,790.2	473.1	107.1	1,202.7	591.9	41.3	5,719.6
2015	58.6	419.2	2,653.2	516.3	114.0	975.0	607.7	43.4	5,387.4
2016	62.4	530.2	3,022.7	516.3	133.3	940.9	729.4	35.6	5,970.7

Source:  
ASEAN Secretariat



**Table 10.24. ASEAN Import of Fishery Products by Country, 2007-2016**

Country	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
2007	20.0	1.1	48.4	1.0	561.4	0.2	89.4	534.1	1,636.2	145.9	3,037.6
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	0.8	208.0	17.7	906.7	0.8	228.6	765.8	2,877.6	613.5	5,650.6
2013	41.2	1.0	216.4	1.5	888.0	11.6	241.8	749.2	2,952.8	656.0	5,759.4
2014	36.1	2.0	210.4	1.8	959.9	2.9	262.4	760.9	2,530.4	952.9	5,719.5
2015	32.1	2.6	195.9	1.4	773.5	4.0	367.0	743.6	2,313.5	953.9	5,387.3
2016	31.9	4.1	235.0	1.2	774.7	2.1	395.9	790.5	2,728.8	1,006.6	5,970.7

Source:  
ASEAN Secretariat

**Table 10.25. Production of Selected Agricultural Products, 2013**

(Thousand Metric Ton)

Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Cereals, Total	1.9	10,317.0	89,791.6	4,565.0	2,714.7	31,067.5	25,817.2	-	41,533.3	49,232.2	255,040.3
Wheat	-	-	-	-	-	188.0	-	-	1.5	-	189.5
Coconuts	0.3	58.0	18,300.0	-	646.9	425.0	15,353.2	-	1,010.0	1,303.8	37,097.2
<b>Total Fruit Primary</b>	<b>6.6</b>	<b>381.3</b>	<b>16,003.1</b>	<b>602.0</b>	<b>938.9</b>	<b>2,308.5</b>	<b>15,886.5</b>	<b>-</b>	<b>11,095.6</b>	<b>7,126.7</b>	<b>54,349.1</b>
Bananas	0.9	155.3	5,359.1	401.5	290.5	-	8,645.7	-	1,600.0	1,892.5	18,345.6
Mangoes	-	66.4	2,058.6	4.6	79.1	1.3	831.0	-	3,142.0	705.9	6,888.7
Citrus Fruit	0.5	61.2	1,411.2	93.7	36.5	-	213.8	-	1,064.9	971.6	3,853.4
<b>Other Crops</b>											
Coffee, Green	-	0.4	698.9	89.0	16.6	8.3	78.4	-	50.0	1,461.0	2,402.5
Tea	-	-	148.1	0.9	18.4	31.7	-	-	75.0	214.3	488.4
Cocoa beans	-	-	777.5	-	2.8	-	4.9	-	0.8	-	786.0
Natural Rubber	0.2	43.0	3,107.5	-	826.4	148.0	111.2	-	3,863.0	949.1	9,048.5
Palm Oil Fruit	-	-	120,000.0	-	95,728.6	-	473.4	-	12,812.0	-	229,014.0
Sweet Potatoes	0.3	55.0	2,386.7	85.0	58.6	51.5	527.7	-	-	1,358.2	4,523.0
Groundnuts	-	30.0	1,340.0	48.0	0.6	1,375.0	29.1	-	47.0	492.0	3,361.7

Source:  
FAOSTAT database

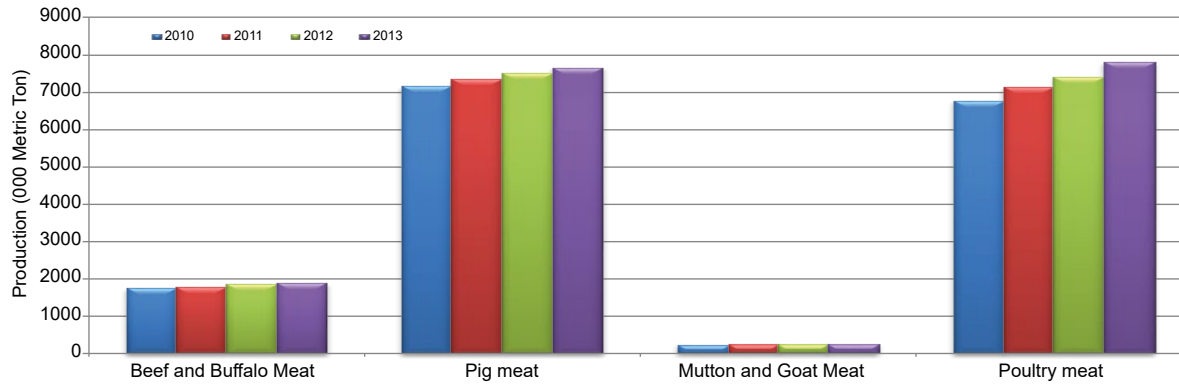
**Table 10.26. Production of Selected Agricultural Products, 2014**

(Thousand Metric Ton)

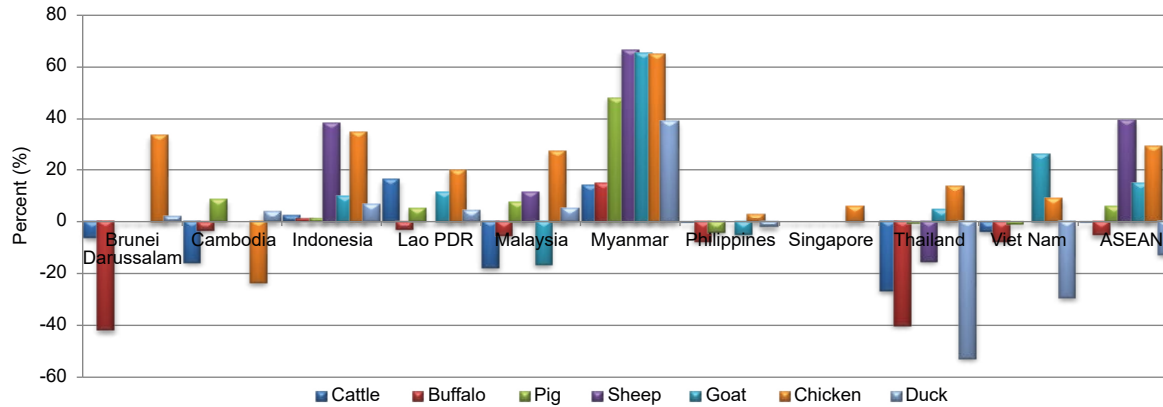
Products	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	Total
Cereals, Total	1.2	9,874.0	89,854.9	5,414.9	2,704.3	28,780.0	26,739.1	-	37,804.4	50,178.4	251,351.2
Wheat	-	-	-	-	-	185.0	-	-	1.3	-	186.3
Coconuts	0.4	62.1	18,300.0	-	595.1	509.2	14,696.3	0.1	1,000.3	1,374.4	36,537.9
Total Fruit Primary	6.8	361.8	17,365.0	732.2	999.7	1,538.4	16,232.9	0.0	11,182.9	7,338.4	55,758.1
Bananas	0.8	123.3	6,862.6	508.6	303.1	-	8,884.9	-	1,398.2	1,857.6	19,939.1
Mangoes	-	63.8	2,431.3	4.7	77.2	1.2	899.0	-	3,597.6	824.0	7,898.8
Citrus Fruit	0.5	70.2	1,926.6	98.3	42.0	-	209.1	-	1,003.8	1,056.2	4,406.7
Other Crops											
Coffee, Green	-	0.4	643.9	113.6	8.2	8.4	75.5	-	38.0	1,406.5	2,294.3
Tea	-	-	154.4	7.9	11.9	98.6	-	-	40.3	228.4	541.5
Cocoa beans	-	-	728.4	-	2.7	-	5.4	-	0.1	-	736.6
Natural Rubber	0.3	18.4	3,153.1	-	668.6	194.9	453.1	-	4,546.3	961.1	9,995.7
Palm Oil Fruit	-	-	126,684.1	-	96,066.8	-	437.4	-	12,434.5	-	235,622.8
Sweet Potatoes	0.3	48.7	2,382.7	80.4	51.5	61.3	519.9	-	-	1,401.1	4,545.6
Groundnuts	-	25.9	638.9	59.3	1.6	865.9	29.2	-	39.7	453.3	2,113.7

Source:  
FAOSTAT database

**Graph 10.8. Trend of Livestock and Poultry Meat Production of ASEAN, 2010-2013**



**Graph 10.9. Growth Rate of Livestock and Poultry Population, 2011-2014**



**Table 10.27. Livestock and Poultry Population<sup>1/</sup>, 2011-2014**

(thousand head)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
<b>2014</b>											
<b>Livestock Population</b>											
Cattle	0.8	2,875.0	15,186.3	1,766.0	761.0	15,543.0	2,504.6	0.2	4,898.6	5,234.3	48,769.0
Buffalo	2.4	680.0	1,320.6	1,153.0	122.9	3,426.0	2,844.1	-	1,020.1	2,511.9	13,078.7
Pig	1.3	2,170.0	7,873.4	3,122.0	1,828.1	13,932.0	11,797.5	270.0	7,591.5	26,761.6	75,346.1
Sheep	4.0	-	15,715.8	-	139.7	1,163.0	30.0	-	43.9	-	17,092.4
Goat	7.0	-	19,216.3	481.0	455.7	5,782.0	3,690.8	0.7	447.5	1,600.3	31,674.3
<b>Poultry Population</b>											
Chicken	20,000.0	13,000.0	1,923,068.0	32,408.0	292,869.0	258,194.0	167,651.0	3,500.0	266,962.0	245,978.0	3,203,630.0
Duck	230.0	8,300.0	52,775.0	3,500.0	51,500.0	20,128.0	9,918.0	750.0	15,222.0	68,507.0	230,600.0
<b>2013</b>											
<b>Livestock Population</b>											
Cattle	0.8	2,900.0	16,607.0	1,700.0	751.8	14,350.0	2,497.9	0.2	5,147.5	5,156.7	49,111.1
Buffalo	2.4	676.0	1,484.0	1,180.0	118.0	3,250.0	2,912.8	-	1,288.8	2,559.5	13,469.2
Pig	1.2	2,150.0	8,246.0	2,800.0	1,816.7	10,530.0	11,843.1	272.0	7,923.7	26,261.4	71,842.8
Sheep	4.0	-	14,560.0	-	129.9	862.0	30.0	-	42.0	-	15,623.9
Goat	7.0	-	18,576.0	450.0	482.3	3,930.0	3,694.0	0.7	420.4	1,345.4	28,898.8
<b>Poultry Population</b>											
Chicken	19,000.0	13,000.0	1,793,022.0	30,000.0	268,243.0	190,000.0	163,386.3	3,500.0	259,242.0	231,762.5	2,952,155.8
Duck	230.0	8,300.0	50,931.0	3,450.0	51,000.0	16,100.0	10,134.9	750.0	34,000.0	82,992.7	257,658.5
<b>2012</b>											
<b>Livestock Population</b>											
Cattle	0.9	2,915.0	16,034.6	1,692.0	784.6	14,500.0	2,493.2	0.2	5,393.0	5,194.2	49,006.7
Buffalo	4.2	680.0	1,378.1	1,188.0	122.8	3,200.0	2,963.8	-	1,542.0	2,627.8	13,702.5
Pig	1.3	2,120.0	7,831.0	2,794.0	1,798.7	10,500.0	11,863.0	272.0	7,500.0	26,493.9	71,172.6
Sheep	4.0	-	12,768.4	-	124.8	860.0	30.0	-	54.2	-	13,837.4
Goat	7.2	-	17,862.0	443.8	505.0	3,900.0	3,715.2	0.7	450.0	1,343.6	28,220.4
<b>Poultry Population</b>											
Chicken	15,500.0	14,447.0	1,552,131.0	28,779.0	251,778.0	180,000.0	164,192.0	3,500.0	247,202.0	223,745.9	2,665,774.9
Duck	228.0	8,200.0	46,990.0	3,400.0	50,000.0	16,000.0	10,011.0	755.0	34,000.0	84,714.7	254,070.7
<b>2011</b>											
<b>Livestock Population</b>											
Cattle	0.9	3,407.0	14,824.0	1,520.0	925.0	13,608.9	2,518.4	0.2	6,680.0	5,436.6	48,920.1
Buffalo	4.1	702.1	1,305.0	1,186.0	130.1	2,977.2	3,075.3	-	1,698.0	2,712.0	13,785.6
Pig	1.3	2,000.0	7,758.0	2,965.0	1,695.0	9,416.4	12,303.1	270.0	7,660.0	27,056.0	71,123.5
Sheep	4.0	-	11,372.0	-	125.0	700.0	30.0	-	51.7	-	12,278.7
Goat	7.0	-	17,483.0	431.0	545.0	3,500.0	3,881.5	0.7	427.6	1,267.8	27,536.5
<b>Poultry Population</b>											
Chicken	15,000.0	17,000.0	1,427,160.0	27,000.0	230,000.0	156,407.0	162,813.0	3,300.0	235,000.0	225,820.0	2,484,500.0
Duck	225.0	8,000.0	49,392.0	3,350.0	48,900.0	14,500.0	10,126.0	750.0	32,179.0	96,780.0	263,977.0

Sources

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

Note:

'-' - not available as of date of compilation

**Table 10.28. Livestock and Poultry Meat Production<sup>1/</sup>, 2011-2014**

(Thousand Metric Ton)

Animal Type	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	ASEAN
<b>2014</b>											
<b>Livestock production</b>											
Beef and Buffalo Meat	0.7	78.9	532.9	49.9	30.9	279.7	301.5	0.0	191.6	386.9	1,853.1
Pig meat	-	-	-	-	-	-	-	-	-	-	-
Mutton and Goat Meat	-	-	-	-	-	-	-	-	-	-	-
<b>Poultry Population</b>											
Poultry meat	-	-	-	-	-	-	-	-	-	-	-
<b>Total meat production</b>	<b>0.7</b>	<b>78.9</b>	<b>532.9</b>	<b>49.9</b>	<b>30.9</b>	<b>279.7</b>	<b>301.5</b>	<b>0.0</b>	<b>191.6</b>	<b>386.9</b>	<b>1,853.1</b>
<b>2013</b>											
<b>Livestock Population</b>											
Beef and Buffalo Meat	0.8	73.2	585.9	48.2	30.6	261.9	296.9	0.1	194.7	379.1	1,871.4
Pig meat	0.0	98.5	742.5	64.0	231.4	620.6	1,681.1	19.6	967.3	3,217.9	7,643.0
Mutton and Goat Meat	0.1	-	112.7	1.7	2.1	47.6	54.7	0.0	1.9	8.1	228.9
<b>Poultry Population</b>											
Poultry meat	26.9	26.7	1,872.5	25.3	1,359.9	1,196.2	1,079.1	97.1	1,469.8	633.0	7,786.4
<b>Total meat production</b>	<b>27.8</b>	<b>198.4</b>	<b>3,313.5</b>	<b>139.2</b>	<b>1,624.0</b>	<b>2,126.4</b>	<b>3,111.8</b>	<b>116.8</b>	<b>2,633.7</b>	<b>4,238.1</b>	<b>17,529.7</b>
<b>2012</b>											
<b>Livestock Population</b>											
Beef and Buffalo Meat	0.8	73.4	540.8	47.6	30.3	262.0	296.9	0.1	203.2	393.3	1,848.3
Pig meat	0.1	98.5	728.8	62.0	235.6	620.0	1,677.5	19.6	886.3	3,160.0	7,488.3
Mutton and Goat Meat	0.1	-	115.1	1.7	2.1	47.5	53.1	0.0	1.7	8.1	229.3
<b>Poultry Population</b>											
Poultry meat	19.7	28.0	1,781.0	25.3	1,323.6	1,192.8	979.4	97.1	1,348.3	617.9	7,413.1
<b>Total meat production</b>	<b>20.6</b>	<b>199.9</b>	<b>3,165.6</b>	<b>136.6</b>	<b>1,591.6</b>	<b>2,122.3</b>	<b>3,006.9</b>	<b>116.8</b>	<b>2,439.5</b>	<b>4,179.3</b>	<b>16,979.1</b>
<b>2011</b>											
<b>Livestock Population</b>											
Beef and Buffalo Meat	0.8	72.9	503.3	46.0	29.8	234.3	302.9	0.0	193.2	386.5	1,769.8
Pig meat	0.1	97.5	721.1	64.0	231.3	585.3	1,649.3	19.0	867.3	3,098.9	7,333.7
Mutton and Goat Meat	0.1	-	121.2	1.7	0.8	43.9	50.9	-	1.9	8.1	228.6
<b>Poultry Population</b>											
Poultry meat	19.4	28.0	1,642.8	24.8	1,427.6	1,114.4	807.7	95.1	1,340.2	617.0	7,116.9
<b>Total meat production</b>	<b>20.3</b>	<b>198.4</b>	<b>2,988.4</b>	<b>136.5</b>	<b>1,689.6</b>	<b>1,978.0</b>	<b>2,810.8</b>	<b>114.2</b>	<b>2,402.6</b>	<b>4,110.5</b>	<b>16,449.1</b>

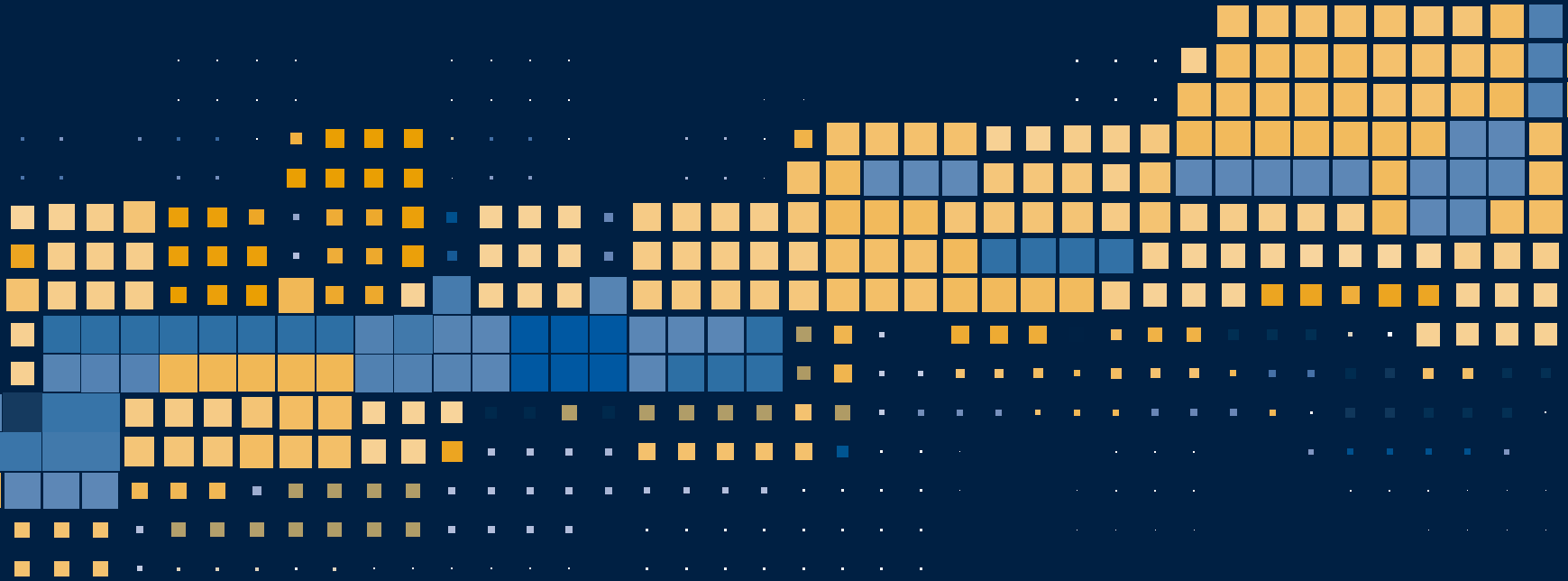
Sources

1/ FAO database, <http://faostat.fao.org/>; as of November 2017, some data are not available

Note:

"-" - 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<sup>\*)</sup> by Establishment Size<sup>\*\*)</sup>, 2006-2016**

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	2007	-	20,794	7,204	-	-	-
	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	531,351	23,698	-	4,325,254	5,004,912	-
	2014	284,501	23,744	-	2,322,891	5,180,531	-
	2015	283,022	25,249	-	2,271,387	5,156,672	-
Malaysia	2007	4,499	7,573	3,293	61,800	336,200	1,337,700
	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
	2014	-	-	-	51,600	357,100	1,605,500
	2015	6,787	9,318	3,822	94,300	411,900	1,494,000
Myanmar	2013	30,148	7,900	5,369	12,000	27,400	1,291,825
	2014	30,248	8,497	5,748	12,000	-	1,193,053
	2015	30,759	9,171	6,091	11,041	-	1,138,010
	2016	31,591	9,946	6,763	299,021	506,507	2,800,021
Philippines	2010		4,663			873,124	
	2011		7,275			-	
	2012		6,770			1,049,981	
	2013		-			1,064,334	
	2014		7,275			1,220,000	

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	2007	1,404	1,720	752	18,630	77,840	291,793
	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
Thailand	2007	126,664	70,038	15,156	8,388,324	7,625,976	5,464,805
	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		-	
Viet Nam	2007	5,486	8,700	5,954	71,923	384,742	3,214,390
	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

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. GDP Share, Exports and Imports Share of Manufacturing Sector, 2014-2016**

Country	Industry Share to GDP			Employment Share <sup>(*)</sup>			Exports Share			Imports Share		
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016
Brunei Darussalam	62.0	62.2	61.9	3.8	-	-	6.9	6.7	11.8	72.2	75.9	70.4
Cambodia	32.9	34.2	35.7	13.1	-	-	93.8	94.6	95.2	87.1	81.1	83.1
Indonesia	41.8	41.0	40.6	13.3	13.3	13.1	50.4	53.8	56.9	64.1	70.8	72.7
Lao PDR	35.7	35.8	37.5	-	-	-	59.9	55.9	45.5	77.4	71.8	69.0
Malaysia	39.3	39.4	38.9	17.1	16.5	16.9	66.5	72.1	73.8	74.0	77.3	79.5
Myanmar	29.7	30.0	30.9	-	-	-	28.6	21.5	33.8	63.1	72.5	67.8
Philippines	33.3	33.4	33.8	8.1	8.1	8.1	82.0	87.7	87.6	66.8	74.9	76.3
Singapore	27.4	25.9	26.3	11.9	11.1	10.5	73.0	79.2	81.1	64.7	73.2	76.4
Thailand	36.7	36.3	36.1	16.3	16.4	16.2	80.0	81.3	82.5	73.0	78.3	80.2
Viet Nam	37.6	38.6	39.1	14.9	15.3	16.6	77.3	81.6	83.3	82.5	85.0	85.0
<b>Total in percent</b>							<b>70.1</b>	<b>75.0</b>	<b>77.0</b>	<b>70.1</b>	<b>76.4</b>	<b>78.4</b>
<b>Total in Million US \$</b>							<b>906,461</b>	<b>878,750</b>	<b>886,177</b>	<b>870,196</b>	<b>841,710</b>	<b>851,248</b>

Source:  
ASEAN Secretariat

Note:  
 \* - not available at the time of publication  
 \*) Based on GDP at constant price for Industry Sector, based on Table 4.6  
 \*\*) Based on Table 3.9 ASEAN Statistical Yearbook 2016/2017

**Table 11.3. Number of Establishments by Division of Industry**

Division of Industry	Cambodia	Indonesia <sup>1/</sup>	Malaysia	Myanmar	Philippines <sup>1/</sup>	Singapore	Thailand	Viet Nam
	2011	2015	2015	2016	2014	2015	2016	2015
10 Manufacture of food products <sup>1)</sup>	27,624	5,438	8,063	27,780	10,232	847	8739	6,630
11 Manufacture of beverages	4,433	310	432	833	2,536	-	751	2,190
12 Manufacture of tobacco products	33	894	26	123	17	-	108	26
13 Manufacture of textiles	8,919	2,534	1,224	1,854	396	89	2657	2,789
14 Manufacture of wearing apparel	15,928	2,197	7,512	921	1,796	362	2228	5,981
15 Manufacture of leather and related products	277	890	375	219	301	18	1014	1,684
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,955	1,039	1,794	2,401	534	135	6067	4,332
17 Manufacture of paper and paper products	35	636	936	291	354	91	1306	2,251
18 Printing and reproduction of recorded media	283	739	3,213	456	1,610	882	2548	5,183
19 Manufacture of coke and refined petroleum products	2	168	124	38	23	17	815	111
20 Manufacture of chemicals and chemical products	144	1,200	1,473	297	634	264	3390	3,038
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	10	272	371	84	117	51	395	442
22 Manufacture of rubber and plastics products	46	1,799	2,628	1,182	1,000	283	8309	4,496
23 Manufacture of other non-metallic mineral products	2,823	1,552	2,072	1,236	817	131	7520	3,940
24 Manufacture of basic metals	37	407	1,557	681	384	36	1112	1,079
25 Manufacture of fabricated metal products, except machinery and equipment	4,713	1,061	5,376	2,377	1,198	1,252	12552	10,972
26 Manufacture of computer, electronics and optical products	4	414	985	2	303	313	1347	1,145
27 Manufacture of electrical equipment	8	358	999	93	215	230	2808	1,297
28 Manufacture of machinery and equipment n.e.c.	20	456	1,940	268	245	1,623	5326	1,565
29 Manufacture of motor vehicles, trailers and semi-trailers	3	453	742	185	225	65	2731	435
30 Manufacture of other transport equipment	81	334	380	32	88	1,002	592	638
31 Manufacture of furniture	1,195	1,388	2,521	1,449	1,035	608	3972	3,677
32 Other manufacturing	1,827	604	1,490	435	388	479	13209	1,610
33 Repair and installation of machinery and equipment	926	86	2,868	6,862	695	-	1613	1,979
<b>All Industries</b>	<b>71,326</b>	<b>25,229</b>	<b>49,101</b>	<b>50,099</b>	<b>25,143</b>	<b>8,778</b>	<b>91,109</b>	<b>67,490</b>

Source: ASEAN Secretariat

Note:

'-' - not available at the time of publication

<sup>1)</sup> Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore

<sup>p/</sup> Preliminary results

<sup>1/</sup> Covers establishments with total employment of 20 and over

**Table 11.4. Percentage Distribution of Establishments by Division of Industry**

(in percent)

Division of Industry	Cambodia	Indonesia <sup>1/</sup>	Malaysia	Myanmar	Philippines <sup>1/</sup>	Singapore	Thailand	Viet Nam
	2011	2015	2015	2016	2014	2015	2016	2015
10 Manufacture of food products <sup>*)</sup>	38.7	21.6	16.4	55.5	40.7	9.6	0.1	9.8
11 Manufacture of beverages	6.2	1.2	0.9	1.7	10.1	-	0.8	3.2
12 Manufacture of tobacco products	0.0	3.5	0.1	0.2	0.1	-	0.1	0.0
13 Manufacture of textiles	12.5	10.0	2.5	3.7	1.6	1.0	2.9	4.1
14 Manufacture of wearing apparel	22.3	8.7	15.3	1.8	7.1	4.1	2.4	8.9
15 Manufacture of leather and related products	0.4	3.5	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	4.1	3.7	4.8	2.1	1.5	6.7	6.4
17 Manufacture of paper and paper products	0.0	2.5	1.9	0.6	1.4	1.0	1.4	3.3
18 Printing and reproduction of recorded media	0.4	2.9	6.5	0.9	6.4	10.0	2.8	7.7
19 Manufacture of coke and refined petroleum products	0.0	0.7	0.3	0.1	0.1	0.2	0.9	0.2
20 Manufacture of chemicals and chemical products	0.2	4.8	3.0	0.6	2.5	3.0	3.7	4.5
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.0	1.1	0.8	0.2	0.5	0.6	0.4	0.7
22 Manufacture of rubber and plastics products	0.1	7.1	5.4	2.4	4.0	3.2	9.1	6.7
23 Manufacture of other non-metallic mineral products	4.0	6.2	4.2	2.5	3.2	1.5	8.3	5.8
24 Manufacture of basic metals	0.1	1.6	3.2	1.4	1.5	0.4	1.2	1.6
25 Manufacture of fabricated metal products, except machinery and equipment	6.6	4.2	10.9	4.7	4.8	14.3	13.8	16.3
26 Manufacture of computer, electronics and optical products	0.0	1.6	2.0	0.0	1.2	3.6	1.5	1.7
27 Manufacture of electrical equipment	0.0	1.4	2.0	0.2	0.9	2.6	3.1	1.9
28 Manufacture of machinery and equipment n.e.c.	0.0	1.8	4.0	0.5	1.0	18.5	5.8	2.3
29 Manufacture of motor vehicles, trailers and semi-trailers	0.0	1.8	1.5	0.4	0.9	0.7	3.0	0.6
30 Manufacture of other transport equipment	0.1	1.3	0.8	0.1	0.3	11.4	0.6	0.9
31 Manufacture of furniture	1.7	5.5	5.1	2.9	4.1	6.9	4.4	5.4
32 Other manufacturing	2.6	2.4	3.0	0.9	1.5	5.5	14.5	2.4
33 Repair and installation of machinery and equipment	1.3	0.3	5.8	13.7	2.8	-	1.8	2.9
<b>All Industries</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

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

p/ Preliminary results

1/ Covers establishments with total employment of 20 and over

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

(In thousands)

Division of Industry	Cambodia	Indonesia <sup>1/</sup>	Malaysia	Myanmar	Philippines <sup>1/</sup>	Singapore	Thailand	Viet Nam
	2011	2015	2015	2016	2014 <sup>p/</sup>	2015	2016	2015
10 Manufacture of food products <sup>1)</sup>	110.1	719.1	256.9	308.6	276.0	30.6	456.2	542.3
11 Manufacture of beverages	15.4	46.4	14.8	0.0	24.0	-	32.4	49.1
12 Manufacture of tobacco products	4.3	331.1	2.2	-	6.0	-	-	11.2
13 Manufacture of textiles	43.8	542.3	29.9	9.9	25.0	0.7	247.0	243.4
14 Manufacture of wearing apparel	265.8	594.7	61.5	1,018.3	113.0	2.1	294.6	1,337.1
15 Manufacture of leather and related products	27.6	324.7	10.8	-	24.0	0.6	98.2	1,140.8
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8.9	195.9	103.1	4.1	20.0	2.5	142.3	126.4
17 Manufacture of paper and paper products	1.2	194.8	53.7	2.6	25.0	3.6	-	107.9
18 Printing and reproduction of recorded media	3.5	131.0	56.9	871.0	27.0	15.4	-	72.0
19 Manufacture of coke and refined petroleum products	0.2	78.8	16.9	1.0	3.0	4.4	13.3	6.0
20 Manufacture of chemicals and chemical products	1.9	218.7	101.5	0.1	32.0	18.2	117.0	118.0
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	0.5	65.5	17.3	19.7	14.0	6.6	-	48.7
22 Manufacture of rubber and plastics products	0.9	390.3	240.4	141.2	64.0	10.5	406.0	274.0
23 Manufacture of other non-metallic mineral products	17.6	169.2	98.7	-	34.0	4.8	165.6	273.7
24 Manufacture of basic metals	0.4	85.8	97.3	119.2	22.0	2.6	58.3	83.7
25 Manufacture of fabricated metal products, except machinery and equipment	13.4	186.9	136.1	0.2	56.0	40.1	301.9	293.7
26 Manufacture of computer, electronics and optical products	0.1	142.1	356.3	-	242.0	81.6	-	497.0
27 Manufacture of electrical equipment	1.2	113.3	86.2	35.0	33.0	8.0	361.9	168.7
28 Manufacture of machinery and equipment n.e.c.	0.1	80.5	86.0	1.3	16.0	69.7	188.8	73.0
29 Manufacture of motor vehicles, trailers and semi-trailers	0.1	142.5	82.9	141.0	70.0	2.9	-	118.5
30 Manufacture of other transport equipment	1.2	75.2	43.3	0.2	24.0	73.3	302.0	105.8
31 Manufacture of furniture	4.0	173.5	84.7	21.8	29.0	8.0	108.5	339.7
32 Other manufacturing	3.4	145.9	37.9	2.5	24.0	17.1	356.8	161.9
33 Repair and installation of machinery and equipment	2.4	8.5	43.8	55.0	17.0	-	-	41.8
<b>All Industries</b>	<b>528.0</b>	<b>5,156.7</b>	<b>2,119.1</b>	<b>2,752.9</b>	<b>1,220.0</b>	<b>403.3</b>	<b>3,650.8</b>	<b>6,234.6</b>

Source:  
ASEAN Secretariat

Note:

'-' - not available at the time of publication

<sup>1)</sup> Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore

<sup>p/</sup> Preliminary results

<sup>1/</sup> Covers establishments with total employment of 20 and over

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

(in persons)

Division of Industry	Cambodia	Indonesia <sup>1/</sup>	Malaysia	Myanmar	Philippines <sup>1/</sup>	Singapore	Thailand	Viet Nam
	2011	2015	2015	2016	2014 <sup>p/</sup>	2015	2016	2015
10 Manufacture of food products <sup>*)</sup>	4.0	132.2	31.9	11.1	27.0	36.1	52.2	81.8
11 Manufacture of beverages	3.5	149.6	34.3	0.0	9.5	-	43.1	22.4
12 Manufacture of tobacco products	130.5	370.3	84.6	-	352.9	-	-	432.3
13 Manufacture of textiles	4.9	214.0	24.4	5.3	63.1	7.8	93.0	87.3
14 Manufacture of wearing apparel	16.7	270.7	8.2	1,105.7	62.9	5.8	132.2	223.6
15 Manufacture of leather and related products	99.5	364.8	28.8	-	79.7	33.9	96.8	677.4
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4.5	188.6	57.5	1.7	37.5	18.7	23.5	29.2
17 Manufacture of paper and paper products	34.2	306.2	57.4	8.9	70.6	39.1	-	48.0
18 Printing and reproduction of recorded media	12.5	177.2	17.7	-	16.8	17.4	-	13.9
19 Manufacture of coke and refined petroleum products	94.5	469.1	136.3	26.0	130.4	258.8	16.3	54.0
20 Manufacture of chemicals and chemical products	13.5	182.2	68.9	0.3	50.5	69.0	34.5	38.9
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	47.2	240.8	46.6	235.0	119.7	129.8	-	110.2
22 Manufacture of rubber and plastics products	19.5	217.0	91.5	119.5	64.0	37.1	48.9	60.9
23 Manufacture of other non-metallic mineral products	6.2	109.0	47.6	-	41.6	36.4	22.0	69.5
24 Manufacture of basic metals	10.6	210.8	62.5	175.0	57.3	73.3	52.4	77.5
25 Manufacture of fabricated metal products, except machinery and equipment	2.8	176.2	25.3	0.1	46.7	32.0	24.0	26.8
26 Manufacture of computer, electronics and optical products	13.0	343.2	361.7	-	798.7	260.8	-	434.1
27 Manufacture of electrical equipment	145.4	316.5	86.3	376.9	153.5	34.7	128.9	130.1
28 Manufacture of machinery and equipment n.e.c.	7.4	176.6	44.3	5.0	65.3	43.0	35.5	46.6
29 Manufacture of motor vehicles, trailers and semi-trailers	40.7	314.5	111.7	762.4	311.1	43.8	-	272.3
30 Manufacture of other transport equipment	14.6	225.1	113.9	5.1	272.7	73.2	510.2	165.9
31 Manufacture of furniture	3.3	125.0	33.6	15.1	28.0	13.2	27.3	92.4
32 Other manufacturing	1.9	241.6	25.4	5.8	61.9	35.7	27.0	100.6
33 Repair and installation of machinery and equipment	2.6	98.7	15.3	8.0	24.5	-	-	21.1
<b>All Industries</b>	<b>7.4</b>	<b>204.4</b>	<b>43.2</b>	<b>54.9</b>	<b>48.5</b>	<b>45.9</b>	<b>40.1</b>	<b>92.4</b>

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

p/ Preliminary results

1/ Covers establishments with total employment of 20 and over

**Table 11.7. Value Added per Person Engaged in Establishments by Division of Industry<sup>1)</sup>**

(in US\$)

Division of Industry	Indonesia <sup>1/</sup>	Malaysia	Philippines <sup>2/</sup>	Singapore	Thailand
	2015	2012	2014	2015	2012
10 Manufacture of food products <sup>**)</sup>	35,993.4	30,833.6	57.4	17,308.8	13,582.8
11 Manufacture of beverages	42,592.5	42,543.7	3,313.8	-	-
12 Manufacture of tobacco products	29,903.1	103,305.8	51,843.3	-	28,776.4
13 Manufacture of textiles	11,766.1	16,491.4	222.7	269,092.4	5,509.3
14 Manufacture of wearing apparel	7,540.2	6,908.0	41.2	73,594.1	4,467.9
15 Manufacture of leather and related products	13,630.4	10,252.9	257.3	337,588.2	6,290.3
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	14,942.7	9,911.7	639.5	169,275.8	3,677.2
17 Manufacture of paper and paper products	20,591.1	16,491.4	481.6	112,797.1	14,933.3
18 Printing and reproduction of recorded media	7,422.6	14,782.9	207.5	12,140.9	8,434.8
19 Manufacture of coke and refined petroleum products	3,635.2	917,658.7	89,907.9	2,044,492.9	64,484.2
20 Manufacture of chemicals and chemical products	74,292.3	91,726.5	1,320.0	77,322.5	19,560.7
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	17,379.9	21,790.3	2,808.2	198,067.7	-
22 Manufacture of rubber and plastics products	25,559.6	17,509.0	151.9	30,901.3	20,084.6
23 Manufacture of other non-metallic mineral products	46,786.0	24,975.0	1,472.5	350,054.8	13,215.1
24 Manufacture of basic metals	68,327.4	38,168.7	912.7	253,676.3	33,016.6
25 Manufacture of fabricated metal products, except machinery and equipment	13,899.7	19,525.1	173.0	8,062.8	10,904.7
26 Manufacture of computer, electronics and optical products	33,038.3	36,454.8	77.6	7,669.4	58,776.4
27 Manufacture of electrical equipment	46,224.4	20,318.7	537.7	74,158.4	19,062.8
28 Manufacture of machinery and equipment n.e.c.	44,993.3	24,066.2	1,549.9	11,859.7	21,880.9
29 Manufacture of motor vehicles, trailers and semi-trailers	102,837.8	31,127.9	637.6	522,284.9	41,142.2
30 Manufacture of other transport equipment	48,923.2	33,471.7	749.3	8,178.7	22,850.6
31 Manufacture of furniture	9,166.3	9,803.0	193.2	23,297.6	6,853.2
32 Other manufacturing	11,175.6	18,469.6	426.0	19,929.2	56,000.7
33 Repair and installation of machinery and equipment	44,576.0	15,534.7	520.5	-	-
<b>All Manufacturing</b>	<b>27,240.5</b>	<b>33,215.0</b>	<b>854.7</b>	<b>86,227.0</b>	<b>14,825.9</b>

Source:  
ASEAN Secretariat

Note:

-/- - not available at the time of publication

<sup>1)</sup> In terms of Number of Persons Engaged

<sup>2)</sup> Division 10 combines manufacture of food and beverages for Thailand; and combines food/beverages/tobacco for Singapore

<sup>1/</sup> covers establishments with total employment of 20 and over

<sup>2/</sup> covers establishments with total employment of 20 and over; preliminary result

**Table 11.8. Index of Industrial Production for All Manufacturing Industries, 2006-2014**

(annual change in percent)

Indicator/Year	Cambodia	Indonesia <sup>1/</sup>	Malaysia	Philippines <sup>2/</sup>	Singapore	Thailand	Viet Nam
	(2000=100)	(2010=100)	(2010=100)	(2000=100)	(2011=100)	(2000=100)	(2006=100)
<b>Index</b>							
2007	148.9	-	100.2	142.5	78.4	174.8	101.5
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	108.9	97.5
2013	-	114.9	116.0	174.0	102.7	110.8	98.1
2014	-	120.4	123.0	184.8	105.4	105.5	102.5
2015	-	126.1	128.9	-	100.0	105.3	96.4
2016	-	131.1	134.4	-	103.7	106.1	87.8
<b>Annual Change</b>							
2007	6.4	-	2.3	-3.7	6.6	8.5	-
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	-	-	5.7	2.1	7.8	-	1.3
2012	-	4.1	5.3	7.1	0.3	8.9	2.7
2013	-	6.0	4.2	5.4	1.7	1.8	0.6
2014	-	4.8	6.0	6.2	2.7	-4.8	4.5
2015	-	4.8	4.8	-	-5.1	-0.2	-6.0
2016	-	4.0	4.3	-	3.7	0.8	-8.9

Source:  
ASEAN Secretariat

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



**Table 11.9. Selected Index of Industrial Production: Cambodia, 2002-2008**

(2000=100; annual change in percent)

ISIC Rev.3	Division of Industry	2002	2003	2004	2005	2006	2007	2008
<b>Index of Industrial Production</b>								
151 – 154	Manufacture of food	98.6	100.0	99.7	111.3	105.1	109.4	110.8
155	Manufacture of beverages	110.4	117.4	125.2	132.0	137.9	143.9	144.3
160	Manufacture of processed tobacco and cigarette	111.2	114.9	114.9	114.9	117.8	120.6	121.1
171 – 191	Manufacture of Textile,Wearing Apparel & Footwear	103.0	103.8	105.2	105.1	106.3	106.9	107.3
201 – 222	Manufacture of Wood, Paper & Publishing	68.4	57.5	60.3	69.3	75.6	81.7	82.0
251 – 252	Manufacture of rubber and rubber products	100.0	95.2	93.5	87.6	92.1	101.7	107.9
271 – 289	Manufacture of basic metal industries	125.8	140.6	162.2	198.1	238.1	262.4	270.1
261 – 269	Manufacture of fabricated metal product, except machinery & eqp (non-metallic Manuf.)	125.0	139.7	161.1	196.7	236.5	260.6	262.8
241 – 371	Other manufacturing	104.8	111.1	116.6	134.8	150.9	153.1	154.7
<b>All Manufacturing</b>		<b>105.3</b>	<b>108.9</b>	<b>115.4</b>	<b>127.8</b>	<b>140.0</b>	<b>148.9</b>	<b>151.2</b>
<b>Change in index</b>								
151 – 154	Manufacture of food	1.6	1.5	-0.4	11.7	-5.6	4.1	1.3
155	Manufacture of beverages	19.0	6.4	6.6	5.5	4.5	4.4	0.2
160	Manufacture of processed tobacco and cigarette	-1.3	3.3	0.0	-0.0	2.5	2.4	0.4
171 – 191	Manufacture of Textile,Wearing Apparel & Footwear	-12.5	0.8	1.3	-0.1	1.1	0.6	0.4
201 – 222	Manufacture of Wood, Paper & Publishing	0.3	-16.0	4.8	15.0	9.1	8.0	0.4
251 – 252	Manufacture of rubber and rubber products	-0.7	-4.9	-1.8	-6.3	5.1	10.5	6.1
271 – 289	Manufacture of basic metal industries	27.1	11.8	15.3	22.1	20.2	10.2	2.9
261 – 269	Manufacture of fabricated metal product, except machinery & eqp (non-metallic Manuf.)	27.1	11.8	15.3	22.1	20.2	10.2	0.8
241 – 371	Other manufacturing	3.7	6.0	5.0	15.6	11.9	1.5	1.0
<b>All Manufacturing</b>		<b>-3.2</b>	<b>3.4</b>	<b>6.0</b>	<b>10.7</b>	<b>9.5</b>	<b>6.4</b>	<b>1.5</b>

Source:  
ASEAN Secretariat

**Table 11.10. Selected Index of Industrial Production: Indonesia, 2010-2016**

(2010=100; annual change in percent)

Division of Industry	2010	2011	2012	2013	2014	2015	2016
<b>Index of Industrial Production</b>							
10 Manufacture of food products	100.0	106.8	120.2	133.1	147.1	157.3	167.0
11 Manufacture of beverages	100.0	109.6	109.2	109.9	113.2	112.5	112.2
12 Manufacture of tobacco products	100.0	99.4	104.5	103.9	112.1	117.6	114.2
13 Manufacture of textiles	100.0	92.3	84.6	77.3	73.1	71.6	68.7
14 Manufacture of wearing apparels	100.0	113.2	118.9	128.9	133.5	119.0	110.6
15 Manufacture of leather and related products	100.0	128.5	119.5	124.5	132.3	137.0	148.2
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
17 Manufacture of paper and paper products	100.0	102.0	97.6	95.5	98.3	94.8	92.1
18 Printing and reproduction of recorded media	100.0	117.0	116.4	127.4	126.4	132.2	131.0
19 Manufacture of coke and refined petroleum products	n.a.	73.9	46.3	36.1		42.9	42.6
20 Manufacture of chemicals and chemical products	100.0	105.1	113.3	122.5	129.8	131.0	130.6
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	100.0	122.6	140.9	135.2	148.6	167.5	181.6
22 Manufacture of rubber and plastic products	100.0	101.5	113.6	109.7	110.5	115.6	105.7
23 Manufacture of other non-methalic mineral products	100.0	113.7	125.5	129.4	134.1	143.5	151.8
24 Manufacture of basic metals	100.0	109.1	98.5	108.9	115.7	122.8	123.0
25 Manufacture of fabricated metal products, except machinery and equipment	100.0	118.7	121.8	135.7	140.1	153.2	153.4
26 Manufacture of computers, electronic and optical products	100.0	96.7	106.8	116.8	112.2	115.6	117.5
27 Manufacture of electrical equipment	100.0	117.5	132.0	142.3	156.3	155.5	144.1
28 Manufacture of machinery and equipment n.e.c	100.0	132.9	122.0	116.4	125.7	128.6	133.2
29 Manufacture of motor vehicle, trailers and semi-trailers	100.0	121.4	124.8	139.1	145.0	152.6	152.8
30 Manufacture of other transport equipment	100.0	78.4	81.3	79.3	76.0	71.0	71.7
31 Manufacture of furniture	100.0	110.0	103.3	106.8	108.8	113.5	113.8
32 Other manufacturing	100.0	83.2	80.2	78.2	82.4	87.0	81.1
33 Repair and installation of machinery and equipment	100.0	91.1	97.7	93.3	87.9	91.8	88.5
<b>All Manufacturing</b>	<b>100.0</b>	<b>104.1</b>	<b>108.4</b>	<b>114.9</b>	<b>120.4</b>	<b>126.1</b>	<b>131.1</b>

**Table 11.10. Selected Index of Industrial Production: Indonesia, 2010-2016 (Continued)**

(2010=100; annual change in percent)

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

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 11.11. Selected Index of Industrial Production: Malaysia, 2010-2016**

(2010=100; annual change in percent)

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

**Table 11.11. Selected Index of Industrial Production: Malaysia, 2010-2016 (Continued)**

(2010=100; annual change in percent)

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

Source:  
ASEAN Secretariat

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

**Table 11.12. Selected Index of Industrial Production: Philippines, 2008-2014**

(2000=100; annual change in percent)

Division of Industry	2008	2009	2010	2011	2012	2013	2014
<b>Index of Industrial Production</b>							
10 Manufacture of food products	237.1	222.0	239.2	218.2	265.5	247.7	260.5
11 Manufacture of beverages	173.0	123.3	141.7	168.9	173.9	173.5	227.3
12 Manufacture of tobacco products	26.8	27.4	14.8	12.3	9.6	9.6	7.6
13 Manufacture of textiles	76.9	75.1	81.7	81.2	81.0	57.6	66.2
14 Manufacture of wearing apparels	113.4	83.8	71.2	72.7	137.7	121.1	100.9
15 Manufacture of leather and related products	6.1	3.6	4.3	4.0	4.8	5.4	6.2
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
17 Manufacture of paper and paper products	106.6	85.2	93.7	103.9	95.4	80.3	82.9
18 Printing and reproduction of recorded media	130.2	131.0	137.5	136.3	146.9	151.6	443.3
19 Manufacture of coke and refined petroleum products	169.4	101.7	158.6	199.6	191.4	169.5	172.8
20 Manufacture of chemicals and chemical products	161.0	160.3	160.2	193.4	194.0	409.0	417.2
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	158.5	179.4	167.8	186.9	193.9	971.5	1,039.4
22 Manufacture of rubber and plastic products	118.4	114.5	136.8	160.3	167.3	162.6	163.0
23 Manufacture of other non-ferrous metal products	78.2	89.3	117.0	141.4	159.2	121.0	59.6
24 Manufacture of basic metals	248.3	200.5	249.7	249.8	210.4	253.6	240.5
25 Manufacture of fabricated metal products, except machinery and equipment	304.7	287.1	333.6	352.5	331.6	305.9	390.3
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	-
27 Manufacture of electrical equipment	115.9	101.6	126.4	117.1	123.0	122.7	128.1
28 Manufacture of machinery and equipment n.e.c	40.0	35.8	43.4	29.9	32.3	39.9	47.6
29 Manufacture of motor vehicle, trailers and semi-trailers	117.9	112.5	150.1	141.2	182.8	139.9	142.6
30 Manufacture of other transport equipment	-	-	-	-	-	-	-
31 Manufacture of furniture	133.1	87.4	71.2	88.8	109.4	126.5	123.8
32 Other manufacturing	100.9	100.7	141.4	161.1	130.1	82.0	75.7
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-
<b>All Manufacturing</b>	<b>148.7</b>	<b>129.2</b>	<b>151.0</b>	<b>154.2</b>	<b>165.1</b>	<b>174.0</b>	<b>184.8</b>

**Table 11.12. Selected Index of Industrial Production: Philippines, 2008-2014 (Continued)**

(2000=100; annual change in percent)

Division of Industry	2008	2009	2010	2011	2012	2013	2014
<b>Change in Index</b>							
10 Manufacture of food products	10.8	-6.4	7.7	-8.8	21.7	-6.7	5.2
11 Manufacture of beverages	23.7	-28.7	14.9	19.2	3.0	-0.2	31.0
12 Manufacture of tobacco products	4.7	2.2	-46.0	-16.9	-22.0	0.0	-20.8
13 Manufacture of textiles	-17.4	-2.3	8.8	-0.6	-0.2	-28.9	14.9
14 Manufacture of wearing apparels	19.2	-26.1	-15.0	2.1	89.4	-12.1	-16.7
15 Manufacture of leather and related products	24.5	-41.0	19.4	-7.0	20.0	12.5	14.8
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
17 Manufacture of paper and paper products	-1.3	-20.1	10.0	10.9	-8.2	-15.8	3.2
18 Printing and reproduction of recorded media	-5.9	0.6	5.0	-0.9	7.8	3.2	192.4
19 Manufacture of coke and refined petroleum products	10.3	-40.0	55.9	25.9	-4.1	-11.4	1.9
20 Manufacture of chemicals and chemical products	7.0	-0.4	-0.1	20.7	0.3	110.8	2.0
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	5.6	13.2	-6.5	11.4	3.7	401.0	7.0
22 Manufacture of rubber and plastic products	9.5	-3.3	19.5	17.2	4.4	-2.8	0.2
23 Manufacture of other non-ferrous metal products	19.8	14.2	31.0	20.9	12.6	-24.0	-50.7
24 Manufacture of basic metals	14.4	-19.3	24.5	0.0	-15.8	20.5	-5.2
25 Manufacture of fabricated metal products, except machinery and equipment	9.0	-5.8	16.2	5.7	-5.9	-7.8	27.6
26 Manufacture of computers, electronic and optical products	-	-	-	-	-	-	-
27 Manufacture of electrical equipment	0.3	-12.3	24.4	-7.4	5.0	-0.2	4.4
28 Manufacture of machinery and equipment n.e.c	-41.9	-10.5	21.2	-31.1	8.0	23.5	19.3
29 Manufacture of motor vehicle, trailers and semi-trailers	-11.4	-4.6	33.4	-5.9	29.5	-23.5	1.9
30 Manufacture of other transport equipment	-	-	-	-	-	-	-
31 Manufacture of furniture	-19.2	-34.3	-18.5	24.7	23.2	15.6	-2.1
32 Other manufacturing	-32.8	-0.2	40.4	13.9	-19.2	-37.0	-7.7
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-
<b>All Manufacturing</b>	<b>4.4</b>	<b>-13.1</b>	<b>16.9</b>	<b>2.1</b>	<b>7.1</b>	<b>5.4</b>	<b>6.2</b>

Source:  
ASEAN Secretariat

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

**Table 11.13. Selected Index of Industrial Production: Singapore, 2009-2016**

(2015=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016
<b>Index of Industrial Production</b>								
12 Manufacture of food, beverages and tobacco products	85.6	91.3	94.7	97.9	97.9	99.4	100.0	103.7
13 Manufacture of textiles	200.1	167.4	137.1	140.1	119.5	102.7	100.0	92.4
14 Manufacture of wearing apparels	905.7	529.2	429.3	395.4	334.1	212.6	100.0	83.4
15 Manufacture of leather and related products	88.3	90.9	111.1	109.5	122.0	106.5	100.0	88.8
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
17 Manufacture of paper and paper products	96.5	107.3	101.1	98.5	104.4	104.5	100.0	97.3
18 Printing and reproduction of recorded media	133.2	136.7	132.1	122.8	113.8	106.0	100.0	85.1
19 Manufacture of coke and refined petroleum products	103.8	103.0	107.7	107.1	100.7	92.2	100.0	104.2
20 Manufacture of chemicals and chemical products	68.1	82.8	84.9	85.3	88.4	96.7	100.0	98.9
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
22 Manufacture of rubber and plastic products	119.1	132.1	117.7	113.5	109.5	109.2	100.0	91.4
23 Manufacture of other non-methalic mineral products	101.4	102.1	110.4	108.8	107.4	90.8	100.0	89.8
24 Manufacture of basic metals	93.5	103.2	101.0	91.5	77.2	99.3	100.0	106.2
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
26 Manufacture of computers, electronic and optical products	94.7	126.3	111.2	100.7	105.0	105.6	100.0	114.1
27 Manufacture of electrical equipment	70.0	100.1	80.6	80.1	87.4	97.9	100.0	101.5
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
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
30 Manufacture of other transport equipment	99.2	97.1	103.4	109.9	111.1	106.7	100.0	101.0
31 Manufacture of furniture	127.4	140.3	123.5	131.0	127.9	113.5	100.0	94.9
32 Other manufacturing	56.7	62.7	68.2	73.0	79.5	84.8	100.0	110.4
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-
<b>All Manufacturing</b>	<b>72.0</b>	<b>93.4</b>	<b>100.6</b>	<b>101.0</b>	<b>102.7</b>	<b>105.4</b>	<b>100.0</b>	<b>103.7</b>



**Table 11.13. Selected Index of Industrial Production: Singapore, 2009-2016 (Continued)**

(2015=100; annual change in percent)

Division of Industry	2009	2010	2011	2012	2013	2014	2015	2016
<b>Change in Index</b>								
12 Manufacture of food, beverages and tobacco products	-4.7	6.7	3.7	3.4	0.0	1.5	0.6	3.7
13 Manufacture of textiles	-19.0	-16.3	-18.1	2.2	-14.7	-14.1	-2.6	-7.6
14 Manufacture of wearing apparels	-36.9	-41.6	-18.9	-7.9	-15.5	-36.4	-53.0	-16.6
15 Manufacture of leather and related products	-38.0	2.9	22.2	-1.4	11.4	-12.7	-6.1	-11.2
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
17 Manufacture of paper and paper products	-5.5	11.2	-5.8	-2.6	6.0	0.1	-4.3	-2.7
18 Printing and reproduction of recorded media	-14.6	2.6	-3.4	-7.0	-7.3	-6.9	-5.7	-14.9
19 Manufacture of coke and refined petroleum products	-14.8	-0.8	4.6	-0.6	-6.0	-8.4	8.5	4.2
20 Manufacture of chemicals and chemical products	-5.0	21.6	2.5	0.5	3.6	9.4	3.4	-1.1
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
22 Manufacture of rubber and plastic products	-15.8	10.9	-10.9	-3.6	-3.5	-0.3	-8.4	-8.6
23 Manufacture of other non-methalic mineral products	-4.8	0.7	8.1	-1.4	-1.3	-15.5	10.1	-10.2
24 Manufacture of basic metals	-15.7	10.4	-2.1	-9.4	-15.6	28.6	0.7	6.2
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
26 Manufacture of computers, electronic and optical products	-8.5	33.4	-12.0	-9.4	4.3	0.6	-5.3	14.1
27 Manufacture of electrical equipment	6.2	43.0	-19.5	-0.6	9.1	12.0	2.1	1.5
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
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
30 Manufacture of other transport equipment	-6.0	-2.1	6.5	6.3	1.1	-4.0	-6.3	1.0
31 Manufacture of furniture	8.0	10.1	-12.0	6.1	-2.4	-11.3	-11.9	-5.1
32 Other manufacturing	1.4	10.6	8.8	7.0	8.9	6.7	17.9	10.4
33 Repair and installation of machinery and equipment	-	-	-	-	-	-	-	-
<b>All Manufacturing</b>	<b>-4.2</b>	<b>29.7</b>	<b>7.8</b>	<b>0.3</b>	<b>1.7</b>	<b>2.7</b>	<b>-5.1</b>	<b>3.7</b>

Source:  
ASEAN Secretariat

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

**Table 11.14. Selected Index of Industrial Production: Thailand, 2011-2016**

(2011=100; annual change in percent)

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

**Table 11.14. Selected Index of Industrial Production: Thailand, 2011-2016 (Continued)**

(2011=100; annual change in percent)

Division of Industry	2011	2012	2013	2014	2015	2016
<b>Change in Index</b>						
10/11 Manufacture of food products and beverages	-	1.3	-1.1	2.1	-1.2	1.7
12 Manufacture of tobacco products	-	15.7	5.7	3.5	1.2	-0.2
13 Manufacture of textiles	-	-1.3	1.1	-3.2	-2.4	-9.2
14 Manufacture of wearing apparels	-	-7.8	7.0	-1.4	-6.8	-6.4
15 Manufacture of leather and related products	-	-4.9	-1.5	5.2	-2.5	-7.0
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
17 Manufacture of paper and paper products	-	-	-	-	-	-
18 Printing and reproduction of recorded media	-	-1.8	-2.2	0.2	-1.6	2.1
19 Manufacture of coke and refined petroleum products	-	-	-	-	-	-
20 Manufacture of chemicals and chemical products	-	7.2	1.7	-6.2	12.8	-3.3
21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products	-	3.9	-0.4	2.3	1.2	-0.9
22 Manufacture of rubber and plastic products	-	9.7	-7.8	16.8	11.5	0.0
23 Manufacture of other non-methalic mineral products	-	0.9	1.3	-2.5	-0.3	1.0
24 Manufacture of basic metals	-	2.7	5.4	-4.6	-2.3	0.1
25 Manufacture of fabricated metal products, except machinery and equipment	-	3.4	3.1	2.6	-5.6	9.2
26 Manufacture of computers, electronic and optical products	-	21.3	-6.8	1.1	2.2	1.8
27 Manufacture of electrical equipment	-	-30.3	28.4	22.0	-8.2	-10.7
28 Manufacture of machinery and equipment n.e.c	-	6.4	-1.6	-3.4	2.0	1.6
29 Manufacture of motor vehicle, trailers and semi-trailers	-	14.3	10.9	1.2	-2.8	21.4
30 Manufacture of other transport equipment	-	46.4	-1.7	-25.6	2.9	-0.1
31 Manufacture of furniture	-	6.0	-12.7	-14.6	-1.7	5.2
32 Other manufacturing	-	3.7	-21.6	-0.3	2.7	-10.6
33 Repair and installation of machinery and equipment	-	7.1	15.5	15.6	11.3	9.8
<b>All Manufacturing</b>	-	<b>8.9</b>	<b>1.8</b>	<b>-4.8</b>	<b>-0.2</b>	<b>0.8</b>

Source:  
ASEAN Secretariat

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

**Table 11.15. Selected Index of Industrial Production: Viet Nam, 2012-2016**

(2006=100; annual change in percent)

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

**Table 11.15. Selected Index of Industrial Production: Viet Nam, 2012-2016 (Continued)**

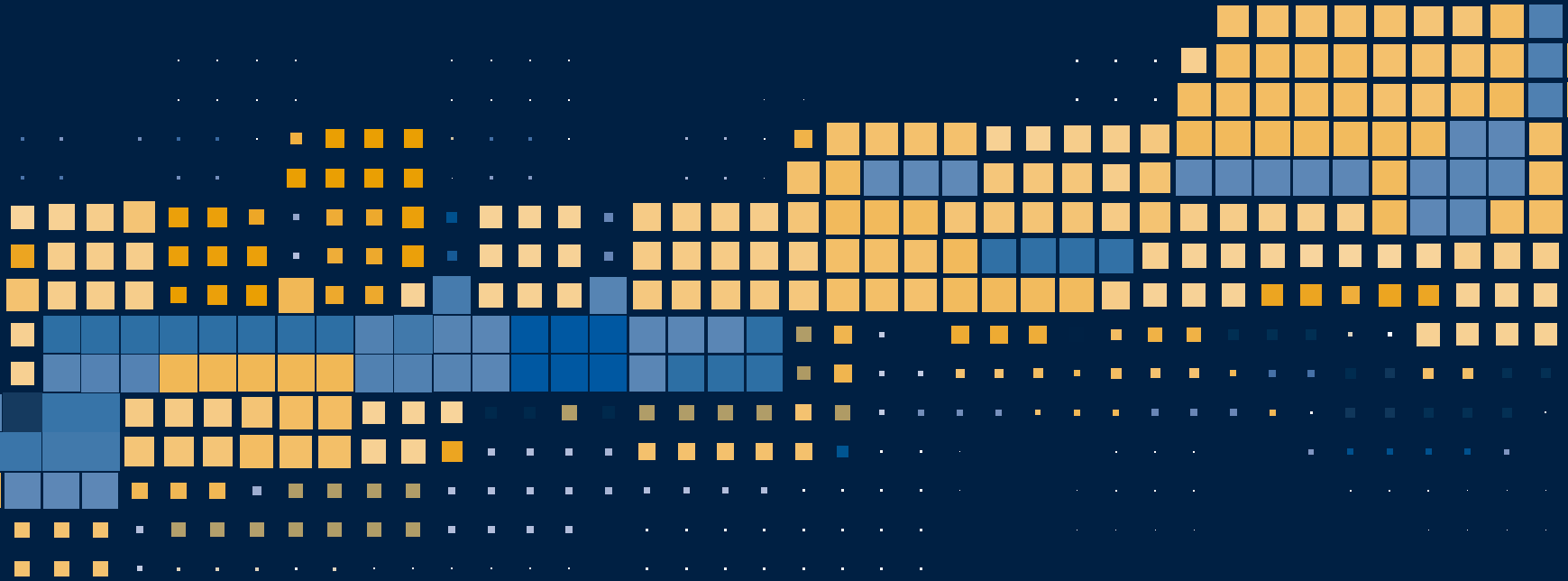
(2006=100; annual change in percent)

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

Source:  
ASEAN Secretariat

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





CHAPTER 12

# Other Social





**Table 12.1. Human Development Index (HDI), 2006-2015**

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	0.834	0.835	0.819	0.837	0.846	0.852	0.860	0.863	0.864	0.865
Cambodia	0.501	0.508	0.412	0.843	0.533	0.540	0.546	0.553	0.558	0.563
Indonesia	0.701	0.706	0.604	0.632	0.662	0.669	0.677	0.682	0.686	0.689
Lao PDR	0.467	0.475	0.463	0.503	0.542	0.554	0.563	0.573	0.582	0.586
Malaysia	0.742	0.746	0.725	0.732	0.774	0.776	0.779	0.783	0.787	0.789
Myanmar	0.448	0.459	0.427	0.474	0.526	0.533	0.540	0.547	0.552	0.556
Philippines	0.624	0.630	0.622	0.646	0.669	0.666	0.671	0.676	0.679	0.682
Singapore	0.843	0.850	0.820	0.839	0.911	0.917	0.920	0.922	0.924	0.925
Thailand	0.661	0.670	0.649	0.686	0.720	0.729	0.733	0.737	0.738	0.740
Viet Nam	0.568	0.575	0.576	0.618	0.655	0.662	0.668	0.675	0.678	0.683

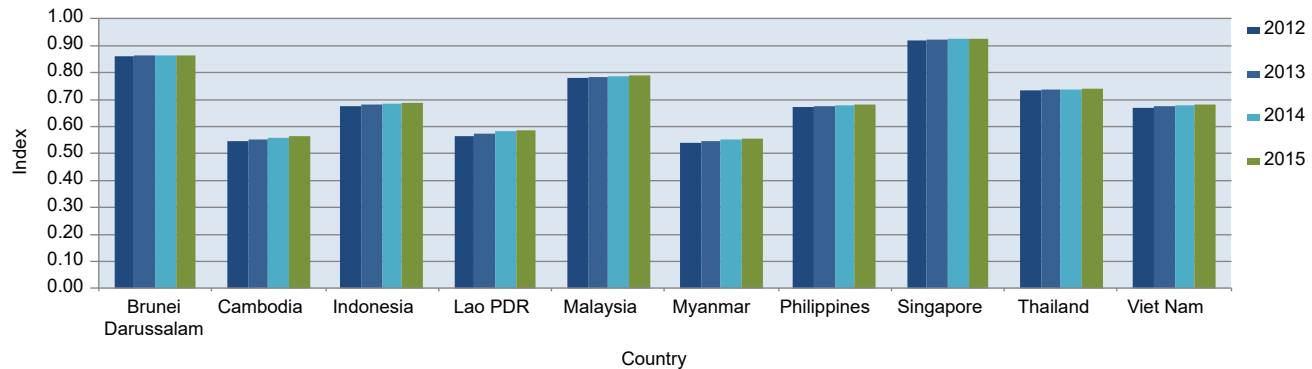
Source:

ASEAN Secretariat; United Nations Development Programme. Human Development Report 2000-2016. <http://hdr.undp.org/en>; ADB Key Indicators 2006-2017;

Note:

'-' - not available at the time of publication

**Graph 12.1. Trend of HDI, 2012-2015**



**Table 12.2. Population Below the National Poverty Line, 2006-2015 (Urban + Rural)**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam	na	na	na	na	na	na	na	na	na	na
Cambodia	-	30.1	29.9	22.9	21.1	19.8	18.9	16.03	-	13.5
Indonesia	17.8	16.6	15.4	14.2	13.3	12.5	12.0	11.4	11.3	11.2
Lao PDR	-	-	27.6	-	24.0	-	-	23.2	-	24.0
Malaysia**)	-	3.6	-	3.8	-	-	1.7	-	-	0.6
Myanmar	32.1	-	-	-	25.6	23.6	-	-	-	-
Philippines <sup>*)</sup>	26.6	-	-	26.3	-	-	25.2	-	-	22.0
Singapore	na	na	na	na	na	na	na	na	na	na
Thailand	23.43	20.94	20.49	19.08	16.91	13.15	-	-	-	7.2
Viet Nam <sup>*)</sup>	15.5	14.8	14.5	-	14.2	12.6	11.1	9.8	8.4	7.0

Source:  
ASEAN Secretariat, ASEAN Statistical  
Report on the MDG 2017

Notes:  
\*) Philippines: Regional Poverty Estimation Methodology  
\*\*) Percent number of household  
-) - not available at the time of publication  
na - not applicable

**Table 12.3. Percentage of Population Below the \$2 PPP Poverty Line**

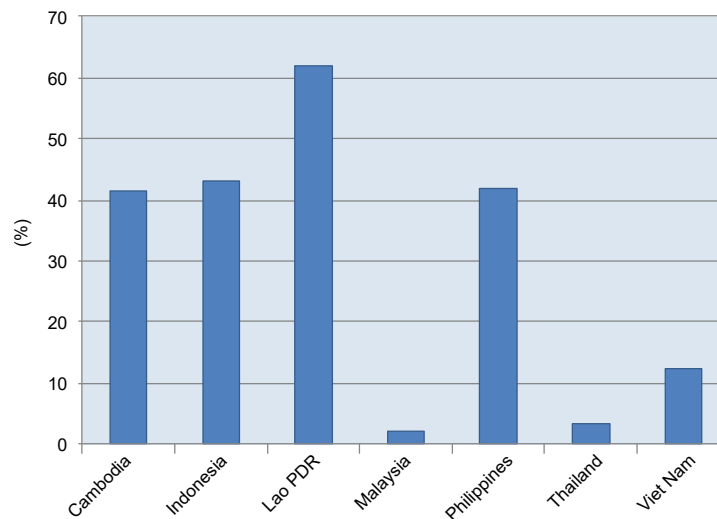
(in percent)

Country	Below \$2 PPP Latest year	Poverty Incidence Latest year
Brunei Darussalam	na	na
Cambodia	41.3 (2011)	13.5 (2015)
Indonesia	43.3 (2011)	11.2 (2015)
Lao PDR	62.0 (2012)	24.0 (2015)
Malaysia	2.3 (2009)	0.6 (2015)
Myanmar	-	23.6 (2011)
Philippines	41.7 (2012)	22.0 (2015)
Singapore	na	na
Thailand	3.5 (2010)	7.2 (2015)
Viet Nam	12.5 (2012)	7.0 (2015)

Source:  
ASEAN Secretariat; ADB Key Indicators for Asia  
and the Pacific 2015, ASEAN Statistical Report on  
the MDG 2017

Note:  
Below \$2 PPP based on WB Povcalnet  
'-' - not available at the time of publication  
na - not applicable

**Graph 12.2. Percentage of Population Below \$2 PPP Poverty Line**



**Table 12.4. Gini Coefficient, 2005-2014**

(in percent)

Country	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	0.419	-	0.444	0.379	0.360	-	0.317	0.308	-	-
Indonesia	0.343	0.357	0.360	0.350	0.370	0.380	0.410	0.410	0.413	0.413
Lao PDR	-	0.354	-	0.367	-	-	-	0.379	-	-
Malaysia	0.379	-	0.441	-	0.462	-	-	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	0.440	0.458	-	-	0.464	-	-	0.430	-	-
Singapore	-	-	0.482	0.474	0.471	0.472	0.473	-	-	-
Thailand	0.425	0.418	0.397	0.401	0.396	0.394	0.375	0.393	0.379	-
Viet Nam	0.378	0.420	-	0.434	-	0.433	-	0.387	-	0.376

Source:

ASEAN Secretariat; UNESCAP Yearbook 2008; ADB Key Indicators 2005-2017

Note:

\*) Indonesia and Cambodia based on household expenditure data  
'-' - not available at the time of publication

**Table 12.5. Income Share of the Poorest 20%, 2000-2012**

(in percent)

Country	2000	2004	2005	2006	2007	2008	2009	2010	2011	2012
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-
Cambodia	4.72)	6.9	-	-	6.6	7.5	7.9	8.5	9.0	-
Indonesia	8.4	-	7.1	-	6.2	-	-	7.6	7.3	-
Lao PDR	8.1	-	-	-	-	7.6	-	-	-	7.6
Malaysia	-	6.1	-	-	4.7	-	4.5	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	5.4	-	-	5.6	-	-	6.0	-	-	5.9
Singapore	5.01)	-	-	-	-	-	-	-	-	-
Thailand	5.4	-	-	6.1	-	6.6	6.7	6.8	-	-
Viet Nam	8.0	9.0	-	7.2	-	7.4	-	6.5	-	7.0

Source:

ASEAN Secretariat; ADB Key Indicators for Asia and the Pacific 2005-2015; ADB basic Indicators 2015; UN MDG Report 2015

Note:

1) 1998 figure  
2) 1999 figure  
'-' - not available at the time of publication

**Table 12.6. Proportion of Seats in National Legislature Held by Women, 2006-2015**

(in percent)

Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brunei Darussalam <sup>1)</sup>	na	na	na	na	na	na	na	na	na	na
Cambodia	-	-	19.5	16.3	21.0	21.0	20.3	20.3	20.3	20.3
Indonesia	11.3	11.3	11.6	11.6	17.9	17.9	18.2	18.6	18.6	17.1
Lao PDR	22.9	25.3	25.2	25.2	25.2	25.2	25.0	25.0	25.0	25.0
Malaysia	9.1	9.1	10.0	10.8	10.4	10.4	10.4	10.4	10.4	11.0
Myanmar	-	-	-	-	-	4.3	3.5	6.0	5.6	5.0
Philippines	15.7	15.3	20.5	20.5	21.4	22.1	22.9	22.9	27.3	26.0
Singapore	16.0	24.5	24.5	24.5	23.4	23.4	22.2	24.2	25.3	25.3
Thailand	10.6	8.7	11.7	11.7	12.3	13.3	15.8	15.8	15.8	13.0
Viet Nam	27.3	27.3	25.8	25.8	25.8	25.8	24.4	24.4	24.3	24.3

Source:

ASEAN Secretariat

UN Millenium Development Indicators (MDGs), UNESCAP Statistics Division Website, November 2017,

ASEAN Statistical Report on the MDG 2017

Notes:

<sup>1)</sup> Brunei Darussalam never had a parliament (not applicable)

'na' - not applicable

<sup>1)</sup> - not available at the time of publication

**Table 12.7. Female Share of Paid Employment in Non-Agricultural Activities, 2004-2013**

(in percent)

Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Brunei Darussalam	31.5	-	-	-	-	-	-	-	-	-
Cambodia	51.3	-	-	-	-	-	41.1	-	40.9	-
Indonesia	29.0	30.3	31.3	30.9	32.4	33.5	32.9	-	-	35.1
Lao PDR	-	32.1	-	-	-	-	34.6	-	-	-
Malaysia	38.3	38.5	38.7	39.0	39.2	39.1	39.3	38.6	38.7	39.2
Myanmar	-	-	-	-	-	-	-	-	-	-
Philippines	40.7	41.4	41.9	41.9	41.7	41.9	42.0	41.8	41.4	41.5
Singapore	44.0	-	44.8	45.1	45.7	45.4	-	-	-	46.8
Thailand	44.0	45.4	45.1	45.0	45.4	45.5	45.4	45.8	45.4	45.2
Viet Nam	40.4	-	-	-	-	-	-	-	40.6	41.1

Source:

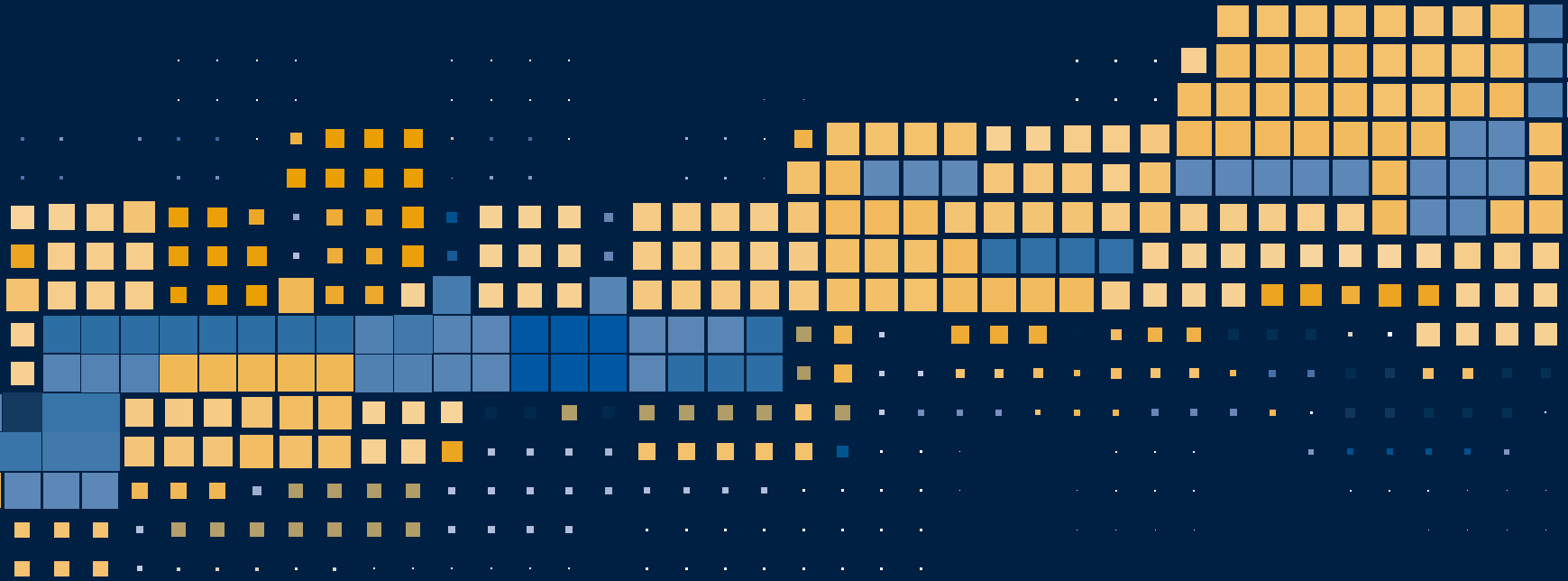
ASEAN Secretariat; UN Millenium Development Indicators, UNESCAP Statistics Division Website, November 2017

Note:

Indonesia 2009-2010, Singapore, Thailand (except 2009) and Viet Nam the figures are for total paid employment

<sup>1)</sup> - not available at the time of publication





# CHAPTER 13

## **Other Sectors**





**Table 13.1. Values of Crude Oil Exports by ASEAN Countries, 2007-2016**

(in US \$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	5,050.7	4,271.0	3,438.6	4,453.3	6,318.6	6,262.7	5,119.3	4,417.5	2,369.7	1,876.7
Cambodia	-	-	-	-	-	-	-	-	-	-
Indonesia	6,309.1	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
Lao PDR	-	-	-	-	-	-	-	-	-	-
Malaysia	9,761.8	12,412.0	7,251.2	9,607.7	10,924.5	10,464.1	10,210.2	10,535.3	6,854.7	5,640.0
Myanmar	-	-	-	-	-	-	-	-	61.1	51.8
Philippines	135.2	160.5	225.2	339.8	415.2	597.8	975.5	1,047.2	289.7	173.6
Singapore	46.0	52.4	20.9	21.9	0.5	0.2	0.4	0.1	16.4	0.2
Thailand	1,159.2	1,707.3	1,038.4	837.4	1,378.9	1,662.2	1,163.5	421.0	64.0	501.1
Viet Nam	4,819.1	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
<b>ASEAN</b>	<b>27,281.0</b>	<b>37,672.4</b>	<b>23,041.6</b>	<b>30,686.4</b>	<b>39,599.5</b>	<b>39,227.0</b>	<b>34,545.2</b>	<b>31,525.8</b>	<b>19,743.0</b>	<b>15,818.2</b>

Source:  
ASEAN Secretariat

Crude Oil:  
SITC 333

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

**Table 13.2. Values of Crude Oil Imports by ASEAN Countries, 2007-2016**

(in US \$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	-	0.2	-	-	-	-	-	0.0	0.1	0.0
Cambodia	-	0.0	-	-	-	-	0.0	-	-	-
Indonesia	5,493.2	10,061.5	7,362.2	8,531.3	11,154.5	10,803.3	13,585.8	13,072.4	8,063.3	6,730.5
Lao PDR	0.2	0.4	0.5	0.8	0.9	27.7	6.2	6.8	3.2	2.6
Malaysia	5,481.0	5,634.2	4,219.9	5,724.4	7,832.0	8,981.8	7,163.0	7,725.7	3,384.2	2,812.5
Myanmar	-	-	-	-	-	-	-	0.0	-	0.0
Philippines	5,733.0	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
Singapore	22,447.2	36,241.5	20,032.2	24,037.7	33,607.1	39,827.6	35,559.1	34,398.9	18,234.5	15,050.0
Thailand	20,089.6	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
Viet Nam	-	-	0.0	334.8	567.0	583.9	1,123.1	452.4	99.4	199.9
<b>ASEAN</b>	<b>59,244.1</b>	<b>89,217.8</b>	<b>53,977.6</b>	<b>68,530.7</b>	<b>93,932.9</b>	<b>103,686.3</b>	<b>101,450.3</b>	<b>95,160.0</b>	<b>53,258.1</b>	<b>42,876.6</b>

Source:  
ASEAN Secretariat

Crude Oil:  
SITC 333

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

**Table 13.3. Values of Petroleum Products Exports by ASEAN Countries, 2007-2016**

(in US \$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	0.1	0.0	0.2	1.5	0.3	0.2	0.4	0.4	0.2	0.3
Cambodia	-	-	-	-	-	-	0.1	-	-	0.1
Indonesia	1,604.6	1,162.4	866.2	2,190.9	2,901.7	1,774.8	1,611.4	1,301.1	553.2	400.4
Lao PDR	1.3	-	-	-	0.1	-	-	0.5	4.7	6.8
Malaysia	5,765.5	8,229.4	5,501.3	7,977.2	10,780.4	14,596.7	19,376.0	18,485.6	10,621.2	11,108.4
Myanmar	-	-	-	-	-	0.0	-	-	2.3	63.5
Philippines	889.3	1,082.1	262.4	371.2	647.5	465.0	834.0	445.7	312.8	196.8
Singapore	39,657.7	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
Thailand	4,896.0	8,842.0	6,302.5	7,797.9	10,093.2	11,388.6	11,473.6	9,811.1	6,932.8	4,863.0
Viet Nam	510.5	734.5	471.7	1,276.1	2,040.1	1,666.5	1,146.1	973.5	739.2	640.7
<b>ASEAN</b>	<b>53,325.2</b>	<b>80,597.8</b>	<b>53,227.0</b>	<b>74,760.0</b>	<b>105,713.5</b>	<b>103,132.6</b>	<b>103,697.8</b>	<b>97,238.0</b>	<b>61,256.5</b>	<b>53,385.3</b>

Source:  
ASEAN Secretariat

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

**Table 13.4. Values of Petroleum Products Imports by ASEAN Countries, 2007-2016**

(in US \$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Brunei Darussalam	41.3	14.7	75.4	126.8	280.0	254.6	268.5	362.8	193.0	222.3
Cambodia	286.8	307.6	350.3	308.4	746.3	1,107.8	944.4	294.9	1,089.2	888.9
Indonesia	7,116.3	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
Lao PDR	218.2	378.0	332.1	452.5	460.8	602.3	546.5	652.3	644.1	541.2
Malaysia	6,090.4	6,021.4	4,084.4	7,888.4	10,705.1	13,104.5	22,051.7	22,822.1	14,802.9	11,863.1
Myanmar	471.5	582.7	697.5	908.5	2,043.7	1,793.8	1,714.6	2,680.3	1,816.4	1,641.7
Philippines	2,896.7	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
Singapore	29,841.9	50,620.6	38,510.4	56,909.8	80,372.1	77,314.7	74,613.4	72,384.3	42,675.5	33,081.0
Thailand	2,137.9	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
Viet Nam	5,057.2	7,057.5	5,232.0	6,454.1	10,341.8	9,334.9	7,386.4	7,444.8	5,729.5	5,340.6
<b>ASEAN</b>	<b>54,158.3</b>	<b>90,297.4</b>	<b>64,447.6</b>	<b>95,616.7</b>	<b>139,336.1</b>	<b>139,969.9</b>	<b>144,335.0</b>	<b>144,805.9</b>	<b>87,289.3</b>	<b>71,030.0</b>

Source:  
ASEAN Secretariat

Petroleum Products:  
SITC 334

**Table 13.5. Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2007-2016**

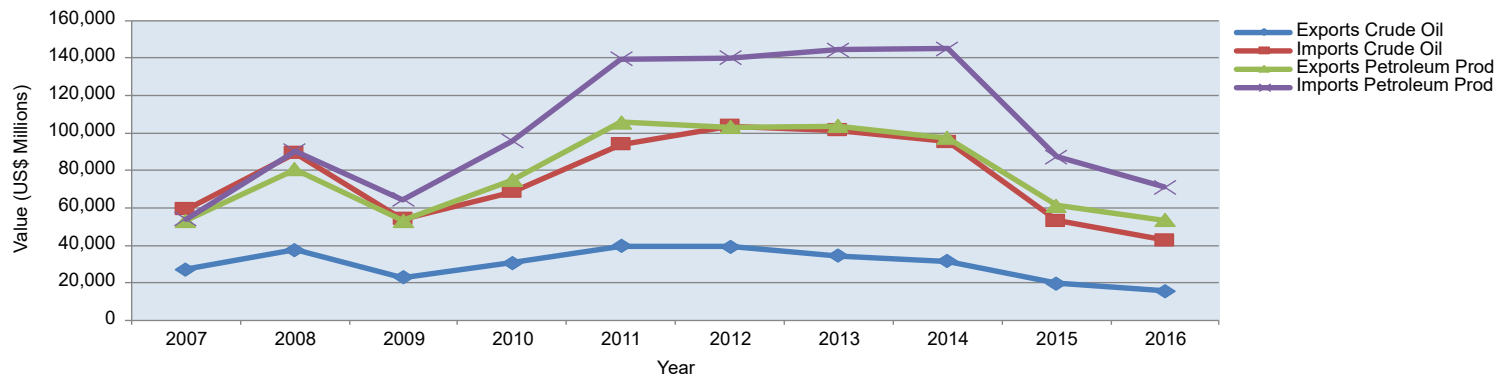
(in US \$ Million)

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Crude Oil</b>										
Exports	27,281.0	37,672.4	23,041.6	30,686.4	39,599.5	39,227.0	34,545.2	31,525.8	19,743.0	15,818.2
Imports	59,244.1	89,217.8	53,977.6	68,530.7	93,932.9	103,686.3	101,450.3	95,160.0	53,258.1	42,876.6
Net Exports	-31,963.1	-51,545.4	-30,936.0	-37,844.3	-54,333.4	-64,459.3	-66,905.1	-63,634.2	-33,515.1	-27,058.4
Export/Imports	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4
<b>Petroleum Products</b>										
Exports	53,325.2	80,597.8	53,227.0	74,760.0	105,713.5	103,132.6	103,697.8	97,238.0	61,256.5	53,385.3
Imports	54,158.3	90,297.4	64,447.6	95,616.7	139,336.1	139,969.9	144,335.0	144,805.9	87,289.3	71,030.0
Net Exports	-833.1	-9,699.5	-11,220.6	-20,856.7	-33,622.6	-36,837.3	-40,637.2	-47,567.9	-26,032.8	-17,644.7
Export/Imports	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8

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, 2007-2016 (US\$ millions)**



**Table 13.6. ASEAN Major Market of Crude Oil Exports and the Values, 2012-2016**

(in US \$ Million)

No	Country	2012	No	Country	2013	No	Country	2014	No	Country	2015	No	Country	2016
1	Japan	9,494.2	1	ASEAN	8,036.8	1	ASEAN	8,501.2	1	ASEAN	7,645.9	1	ASEAN	5,846.9
2	ASEAN	8,316.9	2	Australia	7,436.1	2	Australia	7,220.7	2	Australia	2,875.0	2	China	2,552.4
3	Australia	8,143.1	3	Japan	7,420.0	3	Japan	5,373.3	3	Japan	2,573.4	3	Australia	2,448.1
4	Republic of Korea	5,248.1	4	Republic of Korea	4,082.6	4	India	3,340.0	4	India	1,885.5	4	India	1,908.0
5	India	2,806.3	5	India	2,728.5	5	Republic of Korea	2,246.7	5	China	1,598.5	5	Japan	1,253.8
6	China	2,469.3	6	China	1,820.5	6	China	1,559.3	6	United states	1,082.8	6	Republic of Korea	613.3
7	United states	1,378.0	7	United states	1,347.9	7	United states	1,373.5	7	Republic of Korea	1,003.1	7	United states	570.9
8	New Zealand	1,193.2	8	New Zealand	1,155.6	8	New Zealand	1,198.5	8	New Zealand	771.0	8	New Zealand	292.4
9	Papua New Guinea	146.5	9	Taiwan	359.2	9	Taiwan	583.7	9	Taiwan	267.2	9	Taiwan	266.5
10	Taiwan	31.4	10	Papua New Guinea	117.0	10	Papua New Guinea	128.9	10	Papua New Guinea	40.6	10	Papua New Guinea	41.6
Top 10		39,226.9	Top 10		34,504.2	Top 10		31,525.8	Top 10		19,743.0	Top 10		15,794.0
Others		0.0	Others		41.0	Others		-0.0	Others		-0.0	Others		24.1
Total		39,227.0	Total		34,545.2	Total		31,525.8	Total		19,743.0	Total		15,818.2

Source:  
ASEAN Secretariat

Crude Oil:  
SITC 333

**Table 13.7. ASEAN Major Supplier (Origin) of Crude Oil and the Values, 2012-2016**

(in US \$ Million)

No	Country	2012	No	Country	2013	No	Country	2014	No	Country	2015	No	Country	2016
1	United Arab Emirates	28,750.5	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
2	Saudi Arabia	24,393.5	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
3	Qatar	10,155.0	3	Qatar	9,747.9	3	ASEAN	9,988.3	3	ASEAN	8,800.5	3	ASEAN	6,370.1
4	ASEAN	8,511.6	4	ASEAN	9,563.1	4	Qatar	9,493.4	4	Qatar	4,701.0	4	Qatar	3,780.8
5	Kuwait	4,372.1	5	Russian Federation	5,459.3	5	Russian Federation	5,778.0	5	Kuwait	3,132.9	5	Kuwait	3,057.1
6	Oman	4,181.4	6	Azerbaijan	3,772.6	6	Nigeria	4,016.9	6	Republic of Korea	2,185.6	6	Australia	1,633.1
7	Russian Federation	4,092.3	7	Oman	3,584.1	7	Azerbaijan	3,924.8	7	Australia	1,736.7	7	Russian Federation	1,534.0
8	Australia	3,254.7	8	Kuwait	3,409.1	8	Australia	3,601.0	8	Russian Federation	1,725.6	8	Nigeria	1,286.1
9	Nigeria	3,124.2	9	Nigeria	3,253.3	9	Kuwait	2,672.7	9	Azerbaijan	1,384.6	9	Azerbaijan	818.5
10	Azerbaijan	2,544.1	10	Iraq [IQ]	2,948.3	10	Iraq [IQ]	2,432.5	10	Iraq [IQ]	1,055.9	10	Algeria [DZ]	651.4
Top 10		93,379.5	Top 10		91,600.2	Top 10		86,589.6	Top 10		48,238.5	Top 10		39,776.7
Others		10,306.8	Others		9,850.1	Others		8,570.3	Others		5,019.6	Others		3,099.8
Total		103,686.3	Total		101,450.3	Total		95,160.0	Total		53,258.1	Total		42,876.6

Source:  
ASEAN Secretariat

Crude Oil:  
SITC 333

**Table 13.8. ASEAN Major Market of Petroleum Products Exports and the Values, 2012-2016**

(in US \$ Million)

No	Country	2012	No	Country	2013	No	Country	2014	No	Country	2015	No	Country	2016
1	ASEAN	60,274.2	1	ASEAN	60,333.0	1	ASEAN	60,281.0	1	ASEAN	37,149.9	1	ASEAN	33,266.9
2	Australia	9,673.0	2	China	8,676.5	2	Australia	8,502.6	2	Australia	4,400.7	2	China	3,880.7
3	China	7,710.5	3	Australia	8,503.4	3	China	5,802.7	3	China	4,070.9	3	Australia	3,829.9
4	Hong Kong	5,928.7	4	Hong Kong	5,643.6	4	Hong Kong	3,272.6	4	Hong Kong	2,195.1	4	Hong Kong	1,888.2
5	Republic of Korea	2,185.5	5	Republic of Korea	2,322.8	5	Republic of Korea	2,623.1	5	Republic of Korea	1,307.5	5	European Union	1,088.2
6	European Union	1,933.1	6	Bangladesh	1,763.9	6	Bangladesh	1,858.3	6	India	919.3	6	Republic of Korea	1,008.2
7	Japan	1,452.5	7	United states	1,575.1	7	Sri Lanka	1,196.7	7	Japan	890.9	7	Bangladesh	963.3
8	Bangladesh	1,351.4	8	Sri Lanka	1,475.3	8	Taiwan	1,119.8	8	South Africa	877.5	8	United states	898.0
9	India	1,257.4	9	South Africa	1,280.8	9	South Africa	1,104.3	9	United states	876.3	9	Taiwan	850.6
10	South Africa	1,230.9	10	European Union	1,127.1	10	New Zealand	946.4	10	European Union	866.7	10	India	715.2
	Top 10	92,997.1		Top 10	92,701.4		Top 10	86,707.5		Top 10	53,554.8		Top 10	48,389.2
	Others	10,135.5		Others	10,996.4		Others	10,530.4		Others	7,701.7		Others	4,996.2
	Total	103,132.6		Total	103,697.8		Total	97,238.0		Total	61,256.5		Total	53,385.3

Source:  
ASEAN Secretariat

Petroleum products:  
SITC 334

**Table 13.9. ASEAN Major Supplier (Origin) of Petroleum Products and the Values, 2012-2016**

(in US \$ Million)

No	Country	2012	No	Country	2013	No	Country	2014	No	Country	2015	No	Country	2016
1	ASEAN	59,438.1	1	ASEAN	60,392.9	1	ASEAN	57,210.1	1	ASEAN	33,554.2	1	ASEAN	30,414.5
2	Republic of Korea	13,585.7	2	Republic of Korea	14,106.2	2	Republic of Korea	16,838.2	2	Republic of Korea	8,459.2	2	China	6,583.7
3	India	9,699.0	3	Taiwan	8,527.2	3	China	7,596.2	3	China	5,446.6	3	Republic of Korea	6,497.3
4	European Union	8,095.5	4	India	7,479.4	4	Taiwan	7,247.2	4	Japan	5,294.6	4	India	4,016.6
5	Taiwan	7,327.5	5	China	6,729.0	5	India	7,002.0	5	Russian Federation	4,794.7	5	European Union	3,261.3
6	United states	4,435.7	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
7	China	4,375.2	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
8	Saudi Arabia	4,291.2	8	Venezuela	5,584.0	8	European Union	5,463.7	8	Taiwan	4,026.8	8	Taiwan	2,584.0
9	United Arab Emirates	4,138.2	9	Saudi Arabia	4,830.7	9	Saudi Arabia	5,380.6	9	India	3,964.8	9	Russian Federation	2,412.6
10	Russian Federation	3,976.8	10	United states	4,296.3	10	Kuwait	4,395.5	10	Saudi Arabia	2,101.7	10	Japan	1,710.6
Top 10		119,362.9	Top 10		124,077.8	Top 10		124,519.2	Top 10		76,707.0	Top 10		63,405.1
Others		20,607.0	Others		20,257.2	Others		20,286.7	Others		10,582.3	Others		7,624.9
Total		139,969.9	Total		144,335.0	Total		144,805.9	Total		87,289.3	Total		71,030.0

Source:  
ASEAN Secretariat

Petroleum products:  
SITC 334

**Table 13.10. Forest Areas as a Percentage of Total Areas in ASEAN Countries, 1990, 2000, and 2015**

Country	Total Forest Area (000 Ha)			Forest areas as a percentage of land areas (%)			
	1990	2000	2015	1990	2000	2015	Annual Change 1990-2015
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
<b>ASEAN</b>	<b>241,080</b>	<b>220,118</b>	<b>210,073</b>				

Source:  
FAO Statistics Division 2017 ; <http://faostat.fao.org>



**Table 13.11. Terrestrial Protected Areas in ASEAN Countries, 1990, 2000, and 2014**

Country	Protected area (% of total land area)		
	1990	2000	2014
Brunei Darussalam	36.94	44.10	44.10
Cambodia	0.03	23.07	25.96
Indonesia	10.08	13.63	14.65
Lao PDR	1.47	16.60	16.66
Malaysia	17.16	18.23	18.41
Myanmar	2.97	3.70	7.17
Philippines	8.73	10.80	10.96
Singapore	5.42	5.61	5.79
Thailand	11.93	16.79	18.76
Viet Nam	4.56	6.07	6.51

Source:  
World Development Indicators

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, 2007-2016**

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN <sup>1/</sup>
Cellular/Mobile Phone Density (per 100 persons)	2007	108.9	9.7	41.6	24.3	87.9	0.5	64.7	122.5	80.2	47.5	56.9
	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

Source:

Compiled based on AMCs' data submission, statistical yearbooks, and national statistical offices' websites; and ITU Database November 2017

Note:

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

**Table 13.13. Access to Internet Services in ASEAN Countries, 2007-2016**

ICT Service	Year	Brunei Darussalam	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam	ASEAN <sup>1/</sup>
Internet Subscribers/Users per 100 Persons	2007	42.2	0.6	5.8	1.6	55.7	0.1	2.8	43.0	15.5	6.1	11.8
	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

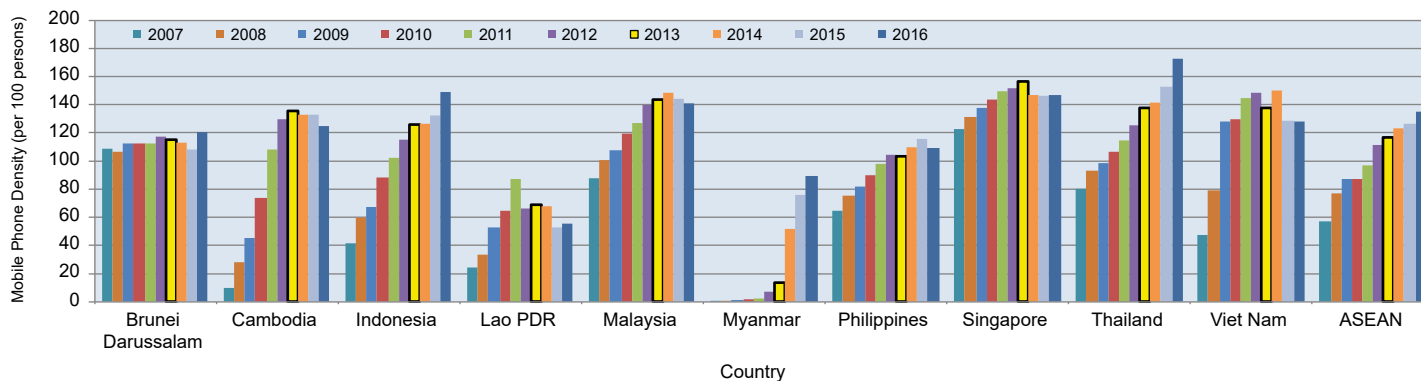
*Sources:*

*Compiled based on AMSs' data submission for Statistical Yearbook; country websites; and ASEAN Connect website; ITU Database as of November 2017*

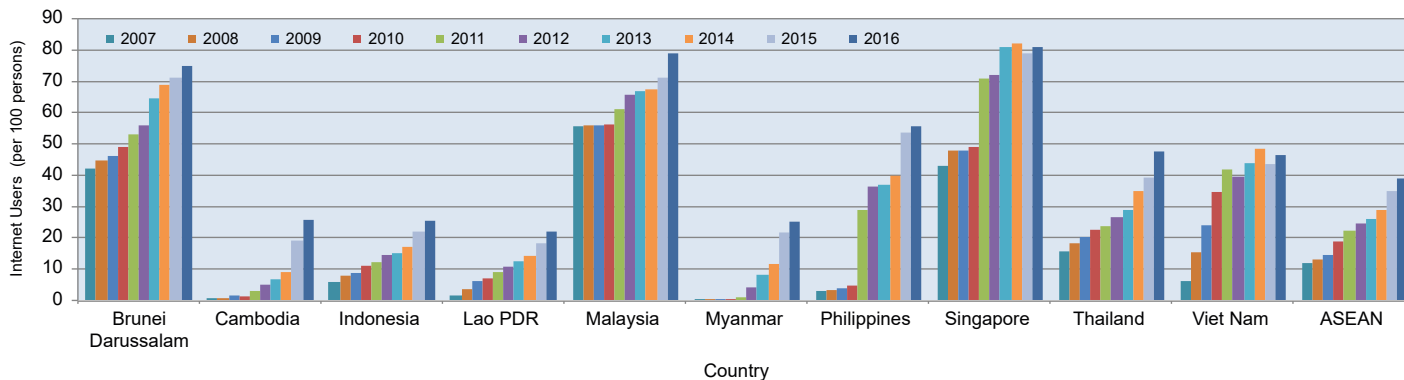
*Note:*

*1/ some countries data are not available to compute ASEAN figures is computed based on country figures.  
2/ Malaysia data 2012 using Broadband Internet Subscribers  
'-' - not available at the time of publication*

**Graph 13.2. Trend in Cellular/Mobile Phone Density per 100 persons in ASEAN Countries, 2007-2016**



**Graph 13.3. Trend in Internet Services Density per 100 persons in ASEAN Countries, 2007-2016**









## ASEAN: A COMMUNITY OF OPPORTUNITIES

 ASEAN

 ASEAN

 @ASEAN

 [www.asean.org](http://www.asean.org)