

# ASEAN STATISTICAL YEARBOOK 2020



one vision  
one identity  
one community





# ASEAN STATISTICAL YEARBOOK 2020

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)

Catalogue-in-Publication Data

ASEAN Statistical Yearbook 2020  
Jakarta, ASEAN Secretariat, December 2020

315.9

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

ISBN 978-623-6945-04-9



ASEAN: A Community of Opportunities for All

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) 2020.  
All rights reserved.

The map in this publication is only indicative and is not drawn to scale.

## FOREWORD

*The ASEAN Statistical Yearbook* is one of the ASEAN Secretariat's most established publications since it was first released in 2002. Now in its 16<sup>th</sup> edition, the ASEAN Statistical Yearbook 2020 continues to provide accurate, timely, and reliable time series data on social and economic progress in the region.

*The ASEAN Statistical Yearbook 2020* covers data for the period of 2010-2019 comprising of sections on ASEAN population, education, health, employment, macroeconomic performance, trade in goods and services, foreign direct investment, transport, tourism, agriculture, manufacturing, and other socio-economic indicators.

The production of *the ASEAN Statistical Yearbook 2020* was made possible by the strong cooperation and collaboration between the Statistics Division of the ASEAN Secretariat (ASEANstats) and the ASEAN Member States' National Statistical Offices under the ASEAN Community Statistical System (ACSS). It is part of our continued efforts to support regional integration and progress monitoring through statistical cooperation for more informed policy making.

It is therefore my great pleasure to present the ASEAN Statistical Yearbook 2020. I hope you will find the publication resourceful.



**DATO LIM JOCK HOI**  
**Secretary-General of ASEAN**



# TABLE OF CONTENTS

## LIST OF TABLES

### CHAPTER 1 POPULATION

|            |   |   |
|------------|---|---|
| Table 1.1. | Number of Mid Year Population in ASEAN, 2010-2019 ..... | 3 |
| Table 1.2. | Population Growth in ASEAN, 2010-2019 .....             | 3 |
| Table 1.3. | Population Density in ASEAN, 2010-2019 .....            | 4 |
| Table 1.4. | Population in ASEAN by Gender, 2019 .....               | 5 |
| Table 1.5. | Population in ASEAN by Age Group, 2019 .....            | 6 |
| Table 1.6. | Urban Population in ASEAN, 2010-2019 .....              | 7 |

### CHAPTER 2 EDUCATION & HEALTH

|             |  |    |
|-------------|--|----|
| Table 2.1.  | Adult Literacy Rate in ASEAN by Gender, 2010-2019 .....  | 11 |
| Table 2.2.  | Net Enrollment Ratio in Primary School in ASEAN by Gender, 2010-2019 .....                               | 12 |
| Table 2.3.  | Net Enrollment Ratio in Secondary School in ASEAN by Gender, 2010-2019 .....                             | 13 |
| Table 2.4.  | Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2009-2018 .....                         | 14 |
| Table 2.5.  | Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2009-2018 .....                            | 15 |
| Table 2.6.  | Crude Birth Ratio (CBR) and Crude Death Ratio (CDR) in ASEAN, 2010-2019 .....                            | 16 |
| Table 2.7.  | Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2010-2019 .....                      | 17 |
| Table 2.8.  | Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2009-2018 .....                  | 18 |
| Table 2.9.  | Life Expectancy at Birth in ASEAN by Gender, 2010-2019 .....   | 19 |
| Table 2.10. | Immunization Against Measles and DPT Among Children of 1 Year Old in ASEAN, 2010-2019 .....              | 20 |
| Table 2.11. | Incidence of Malaria and Tuberculosis in ASEAN, 2009-2018 .....  | 21 |
| Table 2.12. | HIV Prevalence Rate Among 15-49 Year Old People in ASEAN, 2010-2019 .....                                | 22 |
| Table 2.13. | Proportion of Population with Access to Improved Drinking Water and Sanitation in ASEAN, 2010-2019 ..... | 23 |

## CHAPTER 3

### EMPLOYMENT

|             |  |    |
|-------------|--|----|
| Table 3.1.  | Number of Labour Force in ASEAN, 2010-2019 .....                               | 27 |
| Table 3.2.  | Labour Force Participation Rate in ASEAN, 2010-2019 .....                      | 27 |
| Table 3.3.  | Labour Force Participation Rate in ASEAN by Gender, 2010-2019 .....            | 28 |
| Table 3.4.  | Number of Unemployment in ASEAN, 2010-2019 .....                               | 29 |
| Table 3.5.  | Unemployment Rate of 15 Years Old and Over in ASEAN, 2010-2019 .....           | 30 |
| Table 3.6.  | Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2010-2019 ..... | 31 |
| Table 3.7.  | Unemployment Rate of 15-24 Years Old in ASEAN by Gender, 2010-2019 .....       | 32 |
| Table 3.8.  | Number of Employment in ASEAN by Major Industry Group .....                    | 33 |
| Table 3.9.  | Proportion of Employment in ASEAN by Major Industry Group .....                | 34 |
| Table 3.10. | Number of Employment in ASEAN by Occupation .....                              | 35 |
| Table 3.11. | Proportion of Employment in ASEAN by Occupation .....                          | 35 |

## CHAPTER 4

### MACROECONOMIC

|             |   |    |
|-------------|---|----|
| Table 4.1.  | GDP at Current Prices in National Currency in ASEAN, 2010-2019 .....        | 39 |
| Table 4.2.  | GDP at Constant Prices in National Currency in ASEAN, 2010-2019 .....       | 39 |
| Table 4.3.  | Rate of Economic Growth in ASEAN, 2010-2019 .....                           | 40 |
| Table 4.4.  | GDP at Current Prices in USD in ASEAN, 2010-2019 .....                      | 41 |
| Table 4.5.  | GDP per Capita at Current Prices in USD in ASEAN, 2010-2019 .....           | 41 |
| Table 4.6.  | ASEAN GDP Share of Major Group of Economic Sectors, 2017-2019 .....         | 44 |
| Table 4.7.  | Inflation Rates in ASEAN, Year-on-Year End of Period, 2010-2019 .....       | 45 |
| Table 4.8.  | Inflation Rates in ASEAN, Year-on-Year Average of Period, 2010-2019 .....   | 45 |
| Table 4.9.  | Foreign Exchange Rates in ASEAN, Average of Period, 2010-2019 .....         | 46 |
| Table 4.10. | Foreign Exchange Rates in ASEAN, End of Period, 2010-2019 .....             | 46 |
| Table 4.11. | Interest Rates in ASEAN: 3-Month Deposit, 2010-2019 .....                   | 47 |
| Table 4.12. | Interest Rates in ASEAN: Minimum Lending Rate, 2010-2019 .....              | 47 |
| Table 4.13. | Money Growth (M2) in ASEAN, Year-on-Year end of the period, 2010-2019 ..... | 48 |
| Table 4.14. | Money Growth (M1) in ASEAN, Year-on-Year end of the period, 2010-2019 ..... | 48 |
| Table 4.15. | Reserve Money in ASEAN, 2010-2019 .....                                     | 49 |
| Table 4.16. | Government Budget Deficit in ASEAN, as a Percentage of GDP, 2010-2019 ..... | 50 |
| Table 4.17. | Government Budget Deficit in ASEAN, 2010-2019 .....                         | 50 |



## CHAPTER 5 TRADE IN GOODS

|             |  |    |
|-------------|--|----|
| Table 5.1.  | ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2010-2019 .....    | 53 |
| Table 5.2.  | ASEAN Exports of Goods by Country, 2010-2019 .....   | 54 |
| Table 5.3.  | ASEAN Imports of Goods by Country, 2010-2019 .....   | 54 |
| Table 5.4.  | Extra-ASEAN Exports of Goods by Country, 2010-2019 .....                                   | 55 |
| Table 5.5.  | Intra-ASEAN Exports of Goods by Country, 2010-2019 .....                                   | 55 |
| Table 5.6.  | Extra-ASEAN Imports of Goods by Country, 2010-2019 .....                                   | 56 |
| Table 5.7.  | Intra-ASEAN Imports of Goods by Country, 2010-2019 .....                                   | 56 |
| Table 5.8.  | ASEAN Balance of Trade in Goods by Country, 2010-2019 .....                                | 57 |
| Table 5.9.  | ASEAN Trade in Goods by Trading Partners, 2010-2019 .....                                  | 57 |
| Table 5.10. | ASEAN Exports and Imports of Goods by Trading Partners, 2010-2019 .....                    | 63 |
| Table 5.11. | ASEAN Balance of Trade in Goods by Trading Partners, 2010-2019 .....                       | 64 |
| Table 5.12. | ASEAN Top Ten Destinations of Exports of Goods, 2018-2019 .....                            | 65 |
| Table 5.13. | ASEAN Top Ten Origins of Imports of Goods, 2018-2019 .....                                 | 65 |
| Table 5.14. | ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2018-2019 .....                         | 66 |
| Table 5.15. | ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2018-2019 .....                         | 67 |
| Table 5.16. | Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2018-2019 .....                   | 68 |
| Table 5.17. | Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2018-2019 .....                   | 69 |
| Table 5.18. | Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2018-2019 .....         | 70 |
| Table 5.19. | Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2018-2019 .....         | 71 |
| Table 5.20. | Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2018-2019 .....            | 72 |
| Table 5.21. | Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2018-2019 .....            | 73 |
| Table 5.22. | Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2018-2019 .....             | 74 |
| Table 5.23. | Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2018-2019 .....             | 75 |
| Table 5.24. | Top Ten Goods Exported from ASEAN to EU-28 by 2-digit HS Code, 2018-2019 .....             | 76 |
| Table 5.25. | Top Ten Goods Imported to ASEAN from EU-28 by 2-digit HS Code, 2018-2019 .....             | 77 |
| Table 5.26. | Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2018-2019 .....             | 78 |
| Table 5.27. | Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2018-2019 .....             | 79 |
| Table 5.28. | Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2018-2019 .....             | 80 |
| Table 5.29. | Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2018-2019 .....             | 81 |
| Table 5.30. | Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2018-2019 ..... | 82 |

|             |   |     |
|-------------|---|-----|
| Table 5.31. | Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2018-2019 .....  | 83  |
| Table 5.32. | Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2018-2019 .....        | 84  |
| Table 5.33. | Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2018-2019 .....        | 85  |
| Table 5.34. | Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2018-2019 ..... | 86  |
| Table 5.35. | Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2018-2019 ..... | 87  |
| Table 5.36. | Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2018-2019 .....                | 88  |
| Table 5.37. | Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2018-2019 .....                | 89  |
| Table 5.38. | Top Ten Intra-ASEAN Trade in Goods, 2019 .....  | 90  |
| Table 5.39. | Top-Ten Traded Goods between Australia and ASEAN, 2019 .....                                | 91  |
| Table 5.40. | Top Ten Traded Goods between Canada and ASEAN, 2019 .....                                   | 92  |
| Table 5.41. | Top Ten Traded Goods between China and ASEAN, 2019 .....                                    | 93  |
| Table 5.42. | Top Ten Traded Goods between EU-28 and ASEAN, 2019 .....                                    | 94  |
| Table 5.43. | Top Ten Traded Goods between India and ASEAN, 2019 .....                                    | 95  |
| Table 5.44. | Top Ten Traded Goods between Japan and ASEAN, 2019 .....                                    | 96  |
| Table 5.45. | Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2019 .....                  | 97  |
| Table 5.46. | Top Ten Traded Goods between New Zealand and ASEAN, 2019 .....                              | 98  |
| Table 5.47. | Top Ten Traded Goods between Russian Federation and ASEAN, 2019 .....                       | 99  |
| Table 5.48. | Top-Ten Traded Goods between USA and ASEAN, 2019 .....                                      | 100 |

## CHAPTER 6

### TRADE IN SERVICES

|             |   |     |
|-------------|---|-----|
| Table 6.1.  | ASEAN Exports of Services, 2010-2019 .....                    | 107 |
| Table 6.2.  | ASEAN Imports of Services, 2010-2019 .....                    | 107 |
| Table 6.3.  | ASEAN Exports of Services by Service Heading, 2010-2019 ..... | 108 |
| Table 6.4.  | ASEAN Imports of Services by Service Heading, 2010-2019 ..... | 108 |
| Table 6.5.  | Brunei Darussalam Exports of Services, 2010-2019 .....        | 109 |
| Table 6.6.  | Brunei Darussalam Imports of Services, 2010-2019 .....        | 109 |
| Table 6.7.  | Cambodia Exports of Services, 2010-2019 .....                 | 110 |
| Table 6.8.  | Cambodia Imports of Services, 2010-2019 .....                 | 110 |
| Table 6.9.  | Indonesia Exports of Services, 2010-2019 .....                | 111 |
| Table 6.10. | Indonesia Imports of Services, 2010-2019 .....                | 111 |
| Table 6.11. | Lao PDR Exports of Services, 2010-2019 .....                  | 112 |

|             |  |     |
|-------------|--|-----|
| Table 6.12. | Lao PDR Imports of Services, 2010-2019 .....     | 112 |
| Table 6.13. | Malaysia Exports of Services, 2010-2019 .....    | 113 |
| Table 6.14. | Malaysia Imports of Services, 2010-2019 .....    | 113 |
| Table 6.15. | Myanmar Exports of Services, 2010-2019 .....     | 114 |
| Table 6.16. | Myanmar Imports of Services, 2010-2019 .....     | 114 |
| Table 6.17. | Philippines Exports of Services, 2010-2019 ..... | 115 |
| Table 6.18. | Philippines Imports of Services, 2010-2019 ..... | 115 |
| Table 6.19. | Singapore Exports of Services, 2010-2019 .....   | 116 |
| Table 6.20. | Singapore Imports of Services, 2010-2019 .....   | 116 |
| Table 6.21. | Thailand Exports of Services, 2010-2019 .....    | 117 |
| Table 6.22. | Thailand Imports of Services, 2010-2019 .....    | 117 |
| Table 6.23. | Viet Nam Exports of Services, 2010-2019 .....    | 118 |
| Table 6.24. | Viet Nam Imports of Services, 2010-2019 .....    | 118 |
| Table 6.25. | Intra-ASEAN Exports of Services, 2010-2019 ..... | 119 |
| Table 6.26. | Intra-ASEAN Imports of Services, 2010-2019 ..... | 119 |

## CHAPTER 7

### FOREIGN DIRECT INVESTMENT (FDI)

|             |   |     |
|-------------|---|-----|
| Table 7.1.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN by Host Country, 2010-2019 .....                    | 123 |
| Table 7.2.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2010-2019 .....                  | 124 |
| Table 7.3.  | Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2010-2019 .....                 | 126 |
| Table 7.4.  | Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2010-2019 .....               | 127 |
| Table 7.5.  | ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2017-2019 .....                             | 130 |
| Table 7.6.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN by Industry, 2012-2019 .....                        | 131 |
| Table 7.7.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN from Australia by Industry, 2012-2019 .....         | 132 |
| Table 7.8.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN from Canada by Industry, 2012-2019 .....            | 133 |
| Table 7.9.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN from China by Industry, 2012-2019 .....             | 134 |
| Table 7.10. | Foreign Direct Investment (FDI) Inward Flows to ASEAN from European Union by Industry, 2012-2019 .....    | 135 |
| Table 7.11. | Foreign Direct Investment (FDI) Inward Flows to ASEAN from India by Industry, 2012-2019 .....             | 136 |
| Table 7.12. | Foreign Direct Investment (FDI) Inward Flows to ASEAN from Japan by Industry, 2012-2019 .....             | 137 |
| Table 7.13. | Foreign Direct Investment (FDI) Inward Flows to ASEAN from Republic of Korea by Industry, 2012-2019 ..... | 138 |
| Table 7.14. | Foreign Direct Investment (FDI) Inward Flows to ASEAN from USA by Industry, 2012-2019 .....               | 139 |

## CHAPTER 8

### TRANSPORT

|            |  |     |
|------------|--|-----|
| Table 8.1. | ASEAN Road Infrastructure, 2010-2019 .....   | 143 |
| Table 8.2. | ASEAN Road Fleet, 2010-2019 .....  | 144 |
| Table 8.2. | ASEAN Road Fleet, 2010-2019 (Continued) .....  | 145 |
| Table 8.3. | ASEAN Railways, 2010-2019 .....  | 146 |
| Table 8.3. | ASEAN Railways, 2010-2019 (Continued) .....  | 147 |
| Table 8.4. | ASEAN Domestic Maritime: Number of Ports and Fleet, 2010-2019 .....                  | 148 |
| Table 8.4. | ASEAN Domestic Maritime: Number of Ports and Fleet, 2010-2019 (Continued) .....      | 149 |
| Table 8.5. | ASEAN International Maritime: Number of Ports and Fleet, 2010-2019 .....             | 150 |
| Table 8.5. | ASEAN International Maritime: Number of Ports and Fleet, 2010-2019 (Continued) ..... | 151 |
| Table 8.6. | ASEAN Domestic Civil Aviation, 2010-2019 .....                                       | 152 |
| Table 8.6. | ASEAN Domestic Civil Aviation, 2010-2019 (Continued) .....                           | 153 |
| Table 8.7. | ASEAN International Civil Aviation, 2010-2019 .....                                  | 154 |
| Table 8.7. | ASEAN International Civil Aviation, 2010-2019 (Continued) .....                      | 155 |

## CHAPTER 9

### TOURISM

|             |   |     |
|-------------|---|-----|
| Table 9.1.  | Visitor Arrivals by Country of Destination, 2010-2019 .....                 | 159 |
| Table 9.2.  | Intra-ASEAN Visitor Arrivals by Country of Destination, 2010-2019 .....     | 160 |
| Table 9.3.  | Extra-ASEAN Visitor Arrivals by Country of Destination, 2010-2019 .....     | 160 |
| Table 9.4.  | Intra-ASEAN Visitor Arrivals by Country of Origin, 2010-2019 .....          | 162 |
| Table 9.5.  | Visitor Arrivals to ASEAN by Country of Origin, 2010-2019 .....             | 164 |
| Table 9.6.  | Visitor Arrivals to Brunei Darussalam by Country of Origin, 2010-2019 ..... | 166 |
| Table 9.7.  | Visitor Arrivals to Cambodia by Country of Origin, 2010-2019 .....          | 167 |
| Table 9.8.  | Visitor Arrivals to Indonesia by Country of Origin, 2010-2019 .....         | 168 |
| Table 9.9.  | Visitor Arrivals to Lao PDR by Country of Origin, 2010-2019 .....           | 169 |
| Table 9.10. | Visitor Arrivals to Malaysia by Country of Origin, 2010-2019 .....          | 170 |
| Table 9.11. | Visitor Arrivals to Myanmar by Country of Origin, 2010-2019 .....           | 171 |
| Table 9.12. | Visitor Arrivals to Philippines by Country of Origin, 2010-2019 .....       | 172 |
| Table 9.13. | Visitor Arrivals to Singapore by Country of Origin, 2010-2019 .....         | 173 |
| Table 9.14. | Visitor Arrivals to Thailand by Country of Origin, 2010-2019 .....          | 174 |
| Table 9.15. | Visitor Arrivals to Viet Nam by Country of Origin, 2010-2019 .....          | 175 |

**CHAPTER 10****AGRICULTURE**

|              |  |     |
|--------------|--|-----|
| Table 10.1.  | Agriculture Land and Land Use in ASEAN, 2018 .....   | 179 |
| Table 10.2.  | GDP Share, Employment, Exports and Imports Share of Agriculture Sector in ASEAN, 2018-2019 ..... | 180 |
| Table 10.3.  | Paddy Production in ASEAN, 2010-2019 .....   | 181 |
| Table 10.4.  | Maize Production in ASEAN, 2010-2019 .....   | 181 |
| Table 10.5.  | Soybean Production in ASEAN, 2010-2019 .....   | 182 |
| Table 10.6.  | Sugarcane Production in ASEAN, 2010-2019 .....   | 182 |
| Table 10.7.  | Cassava Production in ASEAN, 2010-2019 .....   | 184 |
| Table 10.8.  | Rate of Growth of ASEAN Five Major Food Commodities, 2010-2019 .....                             | 184 |
| Table 10.9.  | Production of Selected Agricultural Products in ASEAN, 2017 .....                                | 186 |
| Table 10.10. | Production of Selected Agricultural Products in ASEAN, 2018 .....                                | 187 |
| Table 10.11. | Livestock and Poultry Population in ASEAN, 2015-2018 .....                                       | 188 |
| Table 10.11. | Livestock and Poultry Population in ASEAN, 2015-2018 (Continued) .....                           | 189 |
| Table 10.12. | Livestock and Poultry Meat Production in ASEAN, 2015-2018 .....                                  | 190 |
| Table 10.12. | Livestock and Poultry Meat Production in ASEAN, 2015-2018 (Continued) .....                      | 191 |
| Table 10.13. | ASEAN Exports of Selected Agricultural Products and Inputs, 2010-2019 .....                      | 193 |
| Table 10.14. | ASEAN Imports of Selected Agricultural Products and Inputs, 2010-2019 .....                      | 194 |
| Table 10.15. | ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018 .....    | 195 |
| Table 10.16. | ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018 .....    | 196 |
| Table 10.17. | ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2019 .....    | 197 |
| Table 10.18. | ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2019 .....    | 198 |
| Table 10.19. | ASEAN Major Markets of Agricultural Export Commodities, 2018-2019 .....                          | 199 |
| Table 10.20. | ASEAN Major Origin of Agricultural Import Commodities, 2018-2019 .....                           | 200 |
| Table 10.21. | ASEAN Major Markets of Selected Agricultural Export Commodities, 2016-2019 .....                 | 203 |
| Table 10.21. | ASEAN Major Markets of Selected Agricultural Export Commodities, 2016-2019 (Continued) .....     | 204 |
| Table 10.22. | ASEAN Major Markets of Selected Agricultural Import Commodities, 2016-2019 .....                 | 205 |
| Table 10.22. | ASEAN Major Markets of Selected Agricultural Import Commodities, 2016-2019 (Continued) .....     | 206 |
| Table 10.23. | ASEAN Major Markets of Exports of Selected Agricultural Inputs, 2016-2019 .....                  | 207 |
| Table 10.24. | ASEAN Major Origins of Imports of Selected Agricultural Inputs, 2016-2019 .....                  | 208 |
| Table 10.25. | ASEAN Exports of Fishery Products by 4 digit HS Code, 2010-2019 .....                            | 209 |
| Table 10.26. | ASEAN Exports of Fishery Products, by ASEAN Member States, 2010-2019 .....                       | 210 |

|              |   |     |
|--------------|---|-----|
| Table 10.27. | ASEAN Imports of Fishery Products by 4 digit HS Code, 2010-2019 .....     | 211 |
| Table 10.28. | ASEAN Imports of Fishery Products by ASEAN Member States, 2010-2019 ..... | 212 |

## **CHAPTER 11      MANUFACTURING**

|              |   |     |
|--------------|---|-----|
| Table 11.1.  | Number of Manufacturing Establishments and Persons Engaged in ASEAN, by Establishment Size, 2010-2019 ..... | 215 |
| Table 11.2.  | GDP Share, Exports and Imports Share of Manufacturing Sector in ASEAN, 2017-2019 .....                      | 216 |
| Table 11.3.  | Number of Establishments in ASEAN by Division of Industry .....   | 217 |
| Table 11.4.  | Percentage Distribution of Establishments in ASEAN by Division of Industry .....                            | 218 |
| Table 11.5.  | Number of Persons Engaged in Establishments in ASEAN by Division of Industry .....                          | 219 |
| Table 11.6.  | Number of Persons Engaged per Establishment in ASEAN by Division of Industry .....                          | 220 |
| Table 11.7.  | Index of Industrial Production for All Manufacturing Industries in ASEAN, 2010-2019 .....                   | 221 |
| Table 11.8.  | Index of Selected Industrial Production: Indonesia, 2010-2019 .....   | 222 |
| Table 11.8.  | Index of Selected Industrial Production: Indonesia, 2010-2019 (Continued) .....                             | 223 |
| Table 11.9.  | Index of Selected Industrial Production: Malaysia, 2015-2019 .....  | 224 |
| Table 11.9.  | Index of Selected Industrial Production: Malaysia, 2015-2019 (Continued) .....                              | 225 |
| Table 11.10. | Index of Selected Industrial Production: Philippines, 2010-2019 .....                                       | 226 |
| Table 11.10. | Index of Selected Industrial Production: Philippines, 2010-2019 (Continued) .....                           | 227 |
| Table 11.11. | Index of Selected Industrial Production: Singapore, 2010-2019 .....   | 228 |
| Table 11.11. | Index of Selected Industrial Production: Singapore, 2010-2019 (Continued) .....                             | 229 |
| Table 11.12. | Index of Selected Industrial Production: Thailand, 2011-2019 .....  | 230 |
| Table 11.12. | Index of Selected Industrial Production: Thailand, 2011-2019 (Continued) .....                              | 231 |
| Table 11.13. | Index of Selected Industrial Production: Viet Nam, 2011-2019 .....  | 232 |
| Table 11.13. | Index of Selected Industrial Production: Viet Nam, 2011-2019 (Continued) .....                              | 233 |

## **CHAPTER 12      OTHER SOCIAL**

|             |   |     |
|-------------|---|-----|
| Table 12.1. | Human Development Index (HDI) in ASEAN, 2010-2019 .....                             | 237 |
| Table 12.2. | Proportion of Population below the National Poverty Line in ASEAN, 2009-2018 .....  | 238 |
| Table 12.3. | Proportion of Population Below the \$1.90 PPP in ASEAN, 2018 .....                  | 239 |
| Table 12.4. | Gini Coefficient in ASEAN, 2009-2018 .....  | 240 |
| Table 12.5. | Proportion of Seats in National Legislature Held by Women in ASEAN, 2010-2019 ..... | 240 |

**CHAPTER 13****OTHER SECTORS**

|              |   |     |
|--------------|---|-----|
| Table 13.1.  | Values of Crude Oil Exports in ASEAN, 2010-2019 .....                                       | 243 |
| Table 13.2.  | Values of Crude Oil Imports in ASEAN, 2010-2019 .....                                       | 243 |
| Table 13.3.  | Values of Petroleum Products Exports in ASEAN, 2010-2019 .....                              | 244 |
| Table 13.4.  | Values of Petroleum Products Imports in ASEAN, 2010-2019 .....                              | 244 |
| Table 13.5.  | Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2010-2019 .....             | 245 |
| Table 13.6.  | ASEAN Major Market of Crude Oil Exports and the Values, 2016-2019 .....                     | 246 |
| Table 13.7.  | ASEAN Major Supplier (Origin) of Crude Oil Imports and the Values, 2016-2019 .....          | 247 |
| Table 13.8.  | ASEAN Major Market of Petroleum Products Exports and the Values, 2016-2019 .....            | 248 |
| Table 13.9.  | ASEAN Major Supplier (Origin) of Petroleum Products Imports and the Values, 2016-2019 ..... | 249 |
| Table 13.10. | Forest Areas as Proportion of Total Areas in ASEAN, 2000, 2010 and 2018 .....               | 250 |
| Table 13.11. | Terrestrial Protected Areas in ASEAN, 1990, 2000 and 2018 .....                             | 251 |
| Table 13.12. | Access to Cellular/Mobile Phones in ASEAN, 2010-2019 .....                                  | 252 |
| Table 13.13. | Access to Internet Services in ASEAN, 2010-2019 .....                                       | 252 |

## LIST OF FIGURES

|             |  |     |
|-------------|--|-----|
| Chart 1.1.  | Population Density in ASEAN, 2010-2019 .....   | 4   |
| Chart 1.2.  | Change in ASEAN Population Structure, 2000-2019 .....  | 6   |
| Chart 3.1.  | Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2019 .....  | 30  |
| Chart 4.1.  | ASEAN GDP (trillion US\$) and GDP per capita (US\$), 2010-2019 .....   | 42  |
| Chart 4.2.  | Total GDP (billion US\$) by ASEAN Member States, 2010-2019 .....   | 43  |
| Chart 5.1.  | ASEAN Total of Exports and Imports of Goods, 2010-2019 210 .....   | 58  |
| Chart 5.2.  | ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, 2010-2019 .....   | 58  |
| Chart 5.3.  | ASEAN Total of Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2010-2019 .....                       | 59  |
| Chart 5.4.  | ASEAN Total of Intra and Extra ASEAN Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2010-2019 ..... | 59  |
| Chart 5.5.  | ASEAN Total of Extra-ASEAN Exports of Goods by Country, 2010-2019 .....  | 60  |
| Chart 5.6.  | ASEAN Total of Extra-ASEAN Imports of Goods by Country, 2010-2019 .....  | 60  |
| Chart 5.7.  | ASEAN Total of Intra-ASEAN Exports of Goods by Country, 2010-2019 .....  | 61  |
| Chart 5.8.  | ASEAN Total of Intra-ASEAN Imports of Goods by Country, 2010-2019 .....  | 61  |
| Chart 5.9.  | Share of Extra and Intra - ASEAN to ASEAN Total Exports of Goods, 2010-2019 .....  | 62  |
| Chart 5.10. | Share of Extra and Intra - ASEAN to ASEAN Total Imports of Goods, 2010-2019 .....  | 62  |
| Chart 5.11. | ASEAN Markets of Exports of Goods, 2010 .....  | 101 |
| Chart 5.12. | ASEAN Markets of Exports of Goods, 2019 .....  | 101 |
| Chart 5.13. | ASEAN Source of Imports of Goods, 2010 .....   | 102 |
| Chart 5.14. | ASEAN Source of Imports of Goods, 2019 .....   | 102 |
| Chart 5.15. | Top Ten Exports of Commodities in ASEAN, 2010 .....  | 103 |
| Chart 5.16. | Top Ten Exports of Commodities in ASEAN, 2019 .....  | 103 |
| Chart 5.17. | Top Ten Imports of Goods in ASEAN, 2010 .....  | 104 |
| Chart 5.18. | Top Ten Imports of Goods in ASEAN, 2019 .....  | 104 |



|             |  |     |
|-------------|--|-----|
| Chart 7.1.  | Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2010-2019 .....                   | 125 |
| Chart 7.2.  | Foreign Direct Investment (FDI) in ASEAN by Host Country, 2010 .....                     | 128 |
| Chart 7.3.  | Foreign Direct Investment (FDI) in ASEAN by Host Country, 2019 .....                     | 128 |
| Chart 7.4.  | Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2010-2019 .....      | 129 |
| Chart 7.5.  | Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2010-2019 .....      | 129 |
| Chart 8.1.  | Total Number of Vehicles in ASEAN per 1000 Population, 2010-2019 .....                   | 156 |
| Chart 8.2.  | International Air Passenger Traffic in ASEAN, 2010-2019 .....                            | 156 |
| Chart 9.1.  | Intra and Extra-ASEAN Visitor Arrivals, 2010-2019 .....                                  | 161 |
| Chart 9.2.  | Visitor Arrivals to ASEAN by Origin, 2010-2019 .....                                     | 161 |
| Chart 9.3.  | Growth of Visitor Arrivals to ASEAN by Origin , 2010-2019 .....                          | 163 |
| Chart 9.4.  | Visitor Arrivals to ASEAN by Origin .....  | 163 |
| Chart 9.5.  | Intra-ASEAN Visitor Arrivals by Host Country .....                                       | 165 |
| Chart 9.6.  | Intra- and Extra-ASEAN Visitor Arrivals to ASEAN Member States .....                     | 165 |
| Chart 10.1. | Paddy Production of Five Major Paddy Producers in ASEAN, 2010-2019 .....                 | 181 |
| Chart 10.2. | Sugarcane Production of Five Major Sugarcane Producers in ASEAN, 2010-2019 .....         | 183 |
| Chart 10.3. | Rate of Growth of ASEAN Five Major Food Commodities, 2010-2019 .....                     | 185 |
| Chart 10.4. | Trend of Livestock and Poultry Meat Production in ASEAN, 2015-2018 .....                 | 192 |
| Chart 10.5. | Growth Rate of Livestock and Poultry Population in ASEAN, 2015-2018 .....                | 192 |
| Chart 10.6. | Share of ASEAN Major Markets of Agricultural Export Commodities, 2019 .....              | 201 |
| Chart 10.7. | Share of ASEAN Major Markets of Agricultural Export Commodities, 2018 .....              | 201 |
| Chart 10.8. | Share of ASEAN Major Origin of Agricultural Import Commodities, 2019 .....               | 202 |
| Chart 10.9. | Share of ASEAN Major Origin of Agricultural Import Commodities, 2018 .....               | 202 |
| Chart 12.1. | Trend of HDI in ASEAN, 2000-2019 .....   | 237 |
| Chart 12.2. | Proportion of Population Below \$1.90 PPP in ASEAN, 2018 .....                           | 239 |
| Chart 13.1. | Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2010-2019 ..... | 245 |
| Chart 13.2. | Trend in Cellular/Mobile Phone Density per 100 Persons in ASEAN, 2010-2019 .....         | 253 |
| Chart 13.3. | Trend in Internet Services Density per 100 persons in ASEAN, 2010-2019 .....             | 253 |



# CHAPTER 1

# Population



| Country           | 1970 | 1980 | 1990 | 2000 | 2010 | 2020 |
|-------------------|------|------|------|------|------|------|
| Brunei Darussalam | 97.0 | 99.0 | 94.4 | 91.0 | 98.6 | 90.0 |
| Cambodia          | 80.0 | 81.0 | 81.9 | 77.2 | 77.0 | 76.9 |
| Laos PDR          | 40.0 | 69.0 | 72.0 | 79.0 | 76.9 | 72.0 |
| Malaysia          | 86.9 | 86.1 | 95.2 | 95.5 | 95.3 | 94.0 |
| Philippines       | 87.0 | 89.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| Singapore         | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| Thailand          | 96.0 | 98.0 | 98.0 | 98.0 | 96.0 | 96.0 |
| Viet Nam          | 95.6 | 97.0 | 97.8 | 96.5 | 96.4 | 97.7 |



**Table 1.1. Number of Mid Year Population<sup>1)</sup> in ASEAN, 2010-2019**

(in thousand)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 386.8            | 393.4            | 399.8            | 406.2            | 411.9            | 412.4            | 417.3            | 421.3            | 442.4            | 459.5            |
| Cambodia          | 14,302.8         | 14,521.3         | 14,741.4         | 14,676.6         | 14,932.3         | 15,191.7         | 15,453.9         | 15,717.7         | 15,981.8         | 16,289.3         |
| Indonesia         | 234,181.4        | 241,990.7        | 245,425.2        | 248,818.1        | 252,164.8        | 255,587.9        | 258,496.5        | 261,355.5        | 264,161.6        | 266,911.9        |
| Lao PDR           | 6,256.2          | 6,385.1          | 6,514.4          | 6,644.0          | 6,809.1          | 6,671.7          | 6,787.0          | 6,900.8          | 7,013.0          | 7,123.1          |
| Malaysia          | 28,588.6         | 29,062.0         | 29,510.0         | 30,213.7         | 30,708.5         | 31,186.1         | 31,633.5         | 32,022.5         | 32,382.2         | 32,581.4         |
| Myanmar           | 50,537.0         | 50,149.0         | 50,667.0         | 51,184.0         | 51,991.0         | 52,450.0         | 52,917.0         | 53,388.0         | 53,625.0         | 54,100.0         |
| Philippines       | 93,135.1         | 94,823.8         | 96,510.9         | 98,196.5         | 99,880.3         | 101,562.3        | 103,242.9        | 104,921.4        | 106,598.6        | 108,274.3        |
| Singapore         | 5,076.7          | 5,183.7          | 5,312.4          | 5,399.2          | 5,469.7          | 5,535.0          | 5,607.3          | 5,612.3          | 5,638.7          | 5,703.6          |
| Thailand          | 65,921.1         | 66,214.0         | 66,491.7         | 66,754.6         | 67,002.6         | 67,236.0         | 67,454.7         | 67,653.2         | 67,831.6         | 67,989.8         |
| Viet Nam          | 87,067.3         | 88,145.8         | 89,202.9         | 90,191.4         | 91,203.8         | 92,228.6         | 93,250.7         | 94,286.0         | 95,385.2         | 96,484.0         |
| <b>ASEAN</b>      | <b>585,453.0</b> | <b>596,868.7</b> | <b>604,775.8</b> | <b>612,484.3</b> | <b>620,574.0</b> | <b>628,061.7</b> | <b>635,260.8</b> | <b>642,278.6</b> | <b>649,060.0</b> | <b>655,916.8</b> |

Source:  
ASEAN Secretariat

Note:  
1) National Estimation

**Table 1.2. Population Growth in ASEAN, 2010-2019**

(in percent)

| Country           | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       | 2019       |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Brunei Darussalam | 1.8        | 1.7        | 1.6        | 1.6        | 1.4        | 0.1        | 1.2        | 1.0        | 5.0        | 3.9        |
| Cambodia          | 1.5        | 1.5        | 1.5        | -0.4       | 1.7        | 1.7        | 1.7        | 1.7        | 1.7        | 1.9        |
| Indonesia         | 1.2        | 3.3        | 1.4        | 1.4        | 1.3        | 1.4        | 1.1        | 1.1        | 1.1        | 1.0        |
| Lao PDR           | 2.1        | 2.1        | 2.0        | 2.0        | 2.5        | -2.0       | 1.7        | 1.7        | 1.6        | 1.6        |
| Malaysia          | 1.8        | 1.7        | 1.5        | 2.4        | 1.6        | 1.6        | 1.4        | 1.2        | 1.1        | 0.6        |
| Myanmar           | 0.9        | -0.8       | 1.0        | 1.0        | 1.6        | 0.9        | 0.9        | 0.9        | 0.4        | 0.9        |
| Philippines       | 1.0        | 1.8        | 1.8        | 1.7        | 1.7        | 1.7        | 1.7        | 1.6        | 1.6        | 1.6        |
| Singapore         | 1.8        | 2.1        | 2.5        | 1.6        | 1.3        | 1.2        | 1.3        | 0.1        | 0.5        | 1.2        |
| Thailand          | -1.5       | 0.4        | 0.4        | 0.4        | 0.4        | 0.3        | 0.3        | 0.3        | 0.3        | 0.2        |
| Viet Nam          | 1.2        | 1.2        | 1.2        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.2        | 1.2        |
| <b>ASEAN</b>      | <b>0.9</b> | <b>1.9</b> | <b>1.3</b> | <b>1.3</b> | <b>1.3</b> | <b>1.2</b> | <b>1.1</b> | <b>1.1</b> | <b>1.1</b> | <b>1.1</b> |

Source:  
ASEAN Secretariat

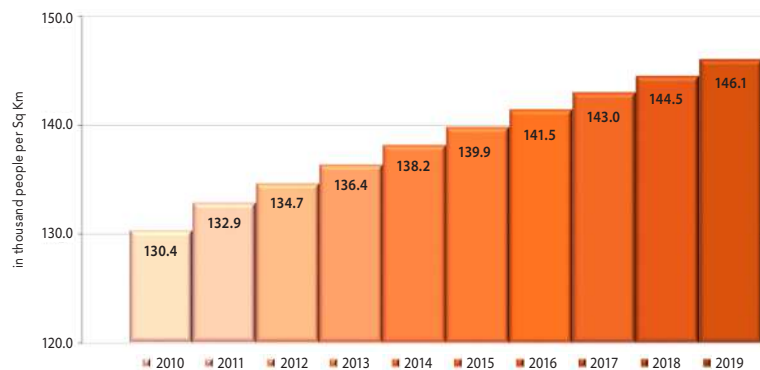
**Table 1.3. Population Density<sup>1)</sup> in ASEAN, 2010-2019**

| Country           | Total Area (Sq. Km) | Population Density (per Sq. Km) |              |              |              |              |              |              |              |              |              | Rank of Pop. Density in 2019 |
|-------------------|---------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------------------|
|                   |                     | 2010                            | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |                              |
| Brunei Darussalam | 5,765.0             | 67.1                            | 68.2         | 69.3         | 70.5         | 71.4         | 71.5         | 72.4         | 73.1         | 76.7         | 79.7         | 9                            |
| Cambodia          | 181,035.0           | 79.0                            | 80.2         | 81.4         | 81.1         | 82.5         | 83.9         | 85.4         | 86.8         | 88.3         | 90.0         | 7                            |
| Indonesia         | 1,913,578.7         | 122.4                           | 126.5        | 128.3        | 130.0        | 131.8        | 133.6        | 135.1        | 136.6        | 138.0        | 139.5        | 4                            |
| Lao PDR           | 236,800.0           | 26.4                            | 27.0         | 27.5         | 28.1         | 28.8         | 28.2         | 28.7         | 29.1         | 29.6         | 30.1         | 10                           |
| Malaysia          | 331,388.0           | 86.3                            | 87.7         | 89.0         | 91.2         | 92.7         | 94.1         | 95.5         | 96.6         | 97.7         | 98.3         | 6                            |
| Myanmar           | 676,576.0           | 88.0                            | 89.0         | 89.0         | 75.7         | 76.8         | 77.5         | 78.2         | 78.9         | 79.3         | 80.0         | 8                            |
| Philippines       | 300,000.0           | 310.5                           | 316.1        | 321.7        | 327.3        | 332.9        | 338.5        | 344.1        | 349.7        | 355.3        | 360.9        | 2                            |
| Singapore         | 719.9               | 7,146.0                         | 7,273.0      | 7,379.4      | 7,499.9      | 7,597.9      | 7,688.6      | 7,789.0      | 7,795.9      | 7,832.6      | 7,922.7      | 1                            |
| Thailand          | 513,139.5           | 128.5                           | 129.0        | 129.6        | 130.1        | 130.6        | 131.0        | 131.5        | 131.8        | 132.2        | 132.5        | 5                            |
| Viet Nam          | 331,230.0           | 262.9                           | 266.1        | 269.3        | 272.3        | 275.3        | 278.4        | 281.5        | 284.7        | 288.0        | 291.3        | 3                            |
| <b>ASEAN</b>      | <b>4,490,232.1</b>  | <b>130.4</b>                    | <b>132.9</b> | <b>134.7</b> | <b>136.4</b> | <b>138.2</b> | <b>139.9</b> | <b>141.5</b> | <b>143.0</b> | <b>144.5</b> | <b>146.1</b> | -                            |

Source:  
ASEAN Secretariat

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

**Chart 1.1. Population Density in ASEAN, 2010-2019**



Source: ASEAN Secretariat

**Table 1.4. Population in ASEAN by Gender, 2019**

| Country                   | Number ('000)    |                  |                  | Percentage  |             |              | Sex Ratio   |
|---------------------------|------------------|------------------|------------------|-------------|-------------|--------------|-------------|
|                           | Male             | Female           | Total            | Male        | Female      | Total        |             |
| Brunei Darussalam         | 244.5            | 215.0            | 459.5            | 53.2        | 46.8        | 100.0        | 113.7       |
| Cambodia                  | 8,014.6          | 8,274.7          | 16,289.3         | 49.2        | 50.8        | 100.0        | 96.9        |
| Indonesia                 | 134,025.6        | 132,886.3        | 266,911.9        | 50.2        | 49.8        | 100.0        | 100.9       |
| Lao PDR                   | 3,569.0          | 3,554.1          | 7,123.1          | 50.1        | 49.9        | 100.0        | 100.4       |
| Malaysia                  | 16,830.7         | 15,750.9         | 32,581.5         | 51.7        | 48.3        | 100.0        | 106.9       |
| Myanmar                   | 25,950.0         | 28,150.0         | 54,100.0         | 48.0        | 52.0        | 100.0        | 92.2        |
| Philippines               | 54,617.4         | 53,656.9         | 108,274.3        | 50.4        | 49.6        | 100.0        | 101.8       |
| Singapore <sup>1)</sup>   | 1,969.4          | 2,056.8          | 4,026.2          | 48.9        | 51.1        | 100.0        | 95.7        |
| Thailand                  | 33,158.5         | 34,831.3         | 67,989.8         | 48.8        | 51.2        | 100.0        | 95.2        |
| Viet Nam                  | 48,017.7         | 48,466.3         | 96,484.0         | 49.8        | 50.2        | 100.0        | 99.1        |
| <b>ASEAN<sup>2)</sup></b> | <b>326,397.3</b> | <b>327,842.3</b> | <b>654,239.6</b> | <b>49.9</b> | <b>50.1</b> | <b>100.0</b> | <b>99.6</b> |

Source:  
ASEAN Secretariat

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

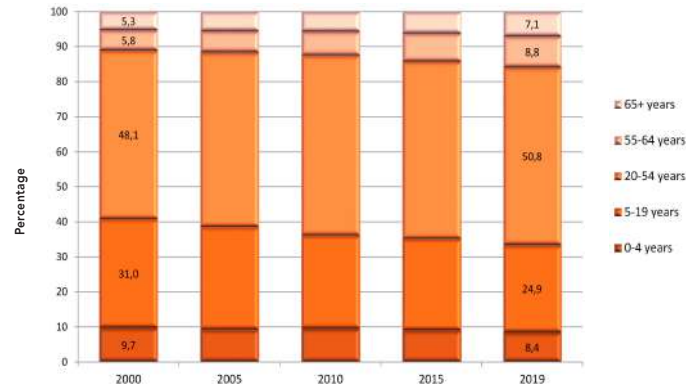
**Table 1.5. Population in ASEAN by Age Group, 2019**

| Country                   | Number ('000)   |                  |                  |                 |                 |                  | Percentage |             |             |            |            |              |
|---------------------------|-----------------|------------------|------------------|-----------------|-----------------|------------------|------------|-------------|-------------|------------|------------|--------------|
|                           | 0-4             | 5-19             | 20-54            | 55-64           | > 65            | Total            | 0-4        | 5-19        | 20-54       | 55-64      | > 65       | Total        |
| Brunei Darussalam         | 30.7            | 101.2            | 267.3            | 38.1            | 22.2            | 459.5            | 6.7        | 22.0        | 58.2        | 8.3        | 4.8        | 100.0        |
| Cambodia                  | 1,621.5         | 4,448.8          | 8,289.3          | 1,099.7         | 830.1           | 16,289.3         | 10.0       | 27.3        | 50.9        | 6.8        | 5.1        | 100.0        |
| Indonesia                 | 21,974.3        | 66,333.7         | 138,214.3        | 23,014.6        | 17,374.9        | 266,911.8        | 8.2        | 24.9        | 51.8        | 8.6        | 6.5        | 100.0        |
| Lao PDR                   | 788.0           | 2,214.7          | 3,399.7          | 410.1           | 310.7           | 7,123.1          | 11.1       | 31.1        | 47.7        | 5.8        | 4.4        | 100.0        |
| Malaysia                  | 2,558.6         | 7,907.3          | 17,323.6         | 2,606.1         | 2,186.1         | 32,581.7         | 7.9        | 24.3        | 53.2        | 8.0        | 6.7        | 100.0        |
| Myanmar                   | 5,029.9         | 15,010.0         | 26,438.4         | 4,308.1         | 3,313.5         | 54,100.0         | 9.3        | 27.7        | 48.9        | 8.0        | 6.1        | 100.0        |
| Philippines               | 11,456.0        | 31,874.3         | 51,631.5         | 7,495.7         | 5,816.8         | 108,274.3        | 10.6       | 29.4        | 47.7        | 6.9        | 5.4        | 100.0        |
| Singapore <sup>1)</sup>   | 185.4           | 627.9            | 2,045.7          | 585.6           | 581.7           | 4,026.2          | 4.6        | 15.6        | 50.8        | 14.5       | 14.4       | 100.0        |
| Thailand                  | 3,700.8         | 12,298.1         | 34,591.7         | 8,925.6         | 8,473.6         | 67,989.8         | 5.4        | 18.1        | 50.9        | 13.1       | 12.5       | 100.0        |
| Viet Nam                  | 7,841.7         | 22,121.8         | 49,955.9         | 9,126.8         | 7,437.9         | 96,484.0         | 8.1        | 22.9        | 51.8        | 9.5        | 7.7        | 100.0        |
| <b>ASEAN<sup>2)</sup></b> | <b>55,186.8</b> | <b>162,937.9</b> | <b>332,157.3</b> | <b>57,610.3</b> | <b>46,347.4</b> | <b>654,239.7</b> | <b>8.4</b> | <b>24.9</b> | <b>50.8</b> | <b>8.8</b> | <b>7.1</b> | <b>100.0</b> |

Source:  
ASEAN Secretariat

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

**Chart 1.2. Change in ASEAN Population Structure, 2000-2019**



Source: ASEAN Secretariat



**Table 1.6. Urban Population in ASEAN, 2010-2019**

| Country                   | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        | 2019        |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Brunei Darussalam         | 75.7        | 78.5        | 78.7        | 77.0        | 76.9        | 78.0        | 78.0        | 77.0        | 77.6        | 77.9        |
| Cambodia                  | 19.9        | 21.0        | 21.5        | 21.4        | 22.5        | 23.0        | 23.5        | 24.0        | 23.4        | 23.8        |
| Indonesia                 | 49.8        | 51.2        | 51.9        | 52.0        | 53.0        | 53.3        | 54.0        | 55.0        | 55.3        | 56.0        |
| Lao PDR                   | 33.2        | 35.0        | 35.3        | 36.0        | 37.6        | 38.0        | 40.0        | 34.0        | 35.0        | 35.6        |
| Malaysia                  | 71.0        | 71.9        | 72.7        | 73.0        | 74.0        | 74.0        | 74.8        | 75.2        | 75.6        | 76.6        |
| Myanmar                   | 30.7        | 30.8        | 30.8        | 30.8        | 30.0        | 30.0        | 35.0        | 30.0        | 30.6        | 30.9        |
| Philippines               | 45.3        | 48.5        | 48.6        | 45.0        | 44.0        | 44.0        | 44.0        | 47.0        | 46.9        | 47.1        |
| Singapore                 | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       |
| Thailand                  | -           | 36.1        | 33.9        | 44.5        | 49.0        | 49.0        | 52.0        | 49.0        | 49.9        | 50.7        |
| Viet Nam                  | 30.5        | 31.6        | 31.9        | 32.2        | 33.1        | 33.9        | 34.4        | 35.0        | 35.7        | 36.6        |
| <b>ASEAN<sup>1)</sup></b> | <b>44.6</b> | <b>45.0</b> | <b>45.2</b> | <b>45.9</b> | <b>46.8</b> | <b>47.1</b> | <b>48.3</b> | <b>48.5</b> | <b>48.9</b> | <b>49.5</b> |

Source:  
 ASEAN Secretariat  
 ADB Key Indicators for Asia and the Pacific 2010-2018  
 World Bank WDI Population Data website as of 2010-2019

Notes:  
 1) ASEAN figures are estimated based on AMS figures.  
 '-' not available at the time of publication



## CHAPTER 2

# Education & Health



Brunei Darussalam 97.0 99.0 94.4 91.0 98.6

Cambodia 80.0 81.0 81.9

Lao PDR

Malaysia

Philippines

Singapore

Thailand

Viet Nam

175.25

95.2

87.0

88.0

95.0

96.0

95.6

95.5

95.3

95.6

95.6

98.0

97.0

95.5

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8

95.3

95.3

95.6

95.6

98.0

97.8



**Table 2.1. Adult Literacy Rate<sup>1)</sup> in ASEAN by Gender, 2010-2019**

|                   | (in percent) |      |      |      |      |      |      |      |      |      |
|-------------------|--------------|------|------|------|------|------|------|------|------|------|
| Country           | 2010         | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| <b>Total</b>      |              |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 96.0         | 96.4 | 96.8 | 97.2 | 96.5 | 96.6 | 96.9 | 97.0 | 97.1 | 97.2 |
| Cambodia          | 76.7         | 79.9 | 79.7 | 80.7 | 78.1 | 80.5 | 84.4 | 82.5 | -    | -    |
| Indonesia         | 92.9         | 92.4 | 93.0 | 93.9 | 95.1 | 95.2 | 95.4 | 95.5 | 95.7 | 95.9 |
| Lao PDR           | 75.3         | -    | -    | -    | -    | 84.7 | -    | -    | -    | -    |
| Malaysia          | 93.1         | 93.8 | 94.0 | 94.0 | 94.5 | 94.2 | 94.9 | 95.1 | 94.9 | 96.8 |
| Myanmar           | -            | 89.3 | 89.4 | 89.4 | 89.5 | 89.6 | -    | 88.9 | -    | -    |
| Philippines       | -            | -    | -    | 96.4 | -    | -    | -    | -    | -    | -    |
| Singapore         | 95.9         | 96.2 | 96.4 | 96.6 | 96.7 | 96.8 | 97.0 | 97.2 | 97.3 | 97.5 |
| Thailand          | -            | 94.2 | -    | 93.7 | -    | 92.9 | -    | -    | 93.8 | -    |
| Viet Nam          | 93.7         | 94.2 | 94.7 | 94.8 | 94.7 | 94.9 | 95.0 | 95.1 | 94.8 | 95.8 |
| <b>Male</b>       |              |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 97.4         | 97.6 | 97.8 | 98.1 | 97.7 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 |
| Cambodia          | 85.1         | 87.8 | 86.9 | 87.7 | 84.8 | 86.5 | 90.0 | 87.3 | -    | -    |
| Indonesia         | 95.4         | 95.4 | 95.7 | 96.5 | 96.8 | 97.1 | 97.2 | 97.2 | 97.3 | 97.5 |
| Lao PDR           | 81.2         | -    | -    | -    | -    | 90.0 | -    | 78.0 | -    | -    |
| Malaysia          | 95.3         | 95.8 | 95.9 | 95.9 | 96.2 | 95.8 | 96.3 | 96.5 | 96.1 | 96.6 |
| Myanmar           | -            | 92.3 | 92.5 | 92.5 | 92.6 | 92.7 | -    | 92.8 | -    | -    |
| Philippines       | -            | -    | -    | 96.0 | -    | -    | -    | -    | -    | -    |
| Singapore         | 98.0         | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 |
| Thailand          | -            | 95.9 | -    | 95.3 | -    | 94.7 | -    | -    | 95.2 | -    |
| Viet Nam          | 95.9         | 96.5 | 96.6 | 96.6 | 96.4 | 96.6 | 96.6 | 96.7 | 96.5 | 97.0 |
| <b>Female</b>     |              |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 94.6         | 95.2 | 95.8 | 96.3 | 95.3 | 95.3 | 95.7 | 95.9 | 96.0 | 96.1 |
| Cambodia          | 69.1         | 72.6 | 73.2 | 74.4 | 71.8 | 75.0 | 79.3 | 78.1 | -    | -    |
| Indonesia         | 90.5         | 89.5 | 90.3 | 91.4 | 93.5 | 93.3 | 93.6 | 93.8 | 94.0 | 94.3 |
| Lao PDR           | 69.6         | -    | -    | -    | -    | 79.4 | -    | 62.9 | -    | -    |
| Malaysia          | 90.7         | 91.6 | 92.0 | 92.0 | 92.7 | 92.6 | 93.4 | 93.6 | 93.5 | 97.0 |
| Myanmar           | -            | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | -    | 85.6 | -    | -    |
| Philippines       | -            | -    | -    | 96.8 | -    | -    | -    | -    | -    | -    |
| Singapore         | 93.8         | 94.1 | 94.4 | 94.7 | 94.9 | 95.2 | 95.4 | 95.7 | 95.9 | 96.1 |
| Thailand          | -            | 92.6 | -    | 92.2 | -    | 91.2 | -    | -    | 92.4 | -    |
| Viet Nam          | 91.6         | 92.2 | 92.9 | 93.1 | 93.0 | 93.3 | 93.5 | 93.6 | 93.2 | 94.6 |

Source:  
ASEAN Secretariat

Note:

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

‘-’ not available at the time of publication

**Table 2.2. Net Enrollment Ratio in Primary School in ASEAN by Gender<sup>1)</sup>, 2010-2019**

(in percent)

| Country           | 2010 | 2011  | 2012  | 2013  | 2014 | 2015  | 2016  | 2017  | 2018  | 2019 |
|-------------------|------|-------|-------|-------|------|-------|-------|-------|-------|------|
| <b>Total</b>      |      |       |       |       |      |       |       |       |       |      |
| Brunei Darussalam | 97.4 | 100.6 | 100.8 | 101.8 | 99.9 | 100.0 | 103.0 | 104.4 | 103.1 | -    |
| Cambodia          | 94.8 | 95.2  | 97.9  | 95.6  | 94.5 | 93.9  | 93.5  | 92.6  | 92.4  | -    |
| Indonesia         | 94.8 | 91.1  | 92.5  | 95.6  | 96.4 | 96.7  | 96.8  | 97.2  | 97.6  | 97.6 |
| Lao PDR           | 92.7 | 94.1  | 95.2  | 96.8  | 98.0 | 98.5  | 98.8  | 98.7  | 98.8  | -    |
| Malaysia          | 96.6 | 96.7  | 97.7  | 98.8  | 98.4 | 95.9  | 96.1  | 96.7  | 96.6  | 96.8 |
| Myanmar           | 84.8 | 86.4  | 86.8  | 86.9  | 94.5 | 95.1  | 96.9  | 97.0  | 97.0  | -    |
| Philippines       | 95.9 | 98.0  | 97.3  | 97.2  | 97.2 | 96.9  | 96.1  | 94.2  | 94.1  | -    |
| Singapore         | 99.8 | 99.6  | 99.7  | 99.6  | 99.6 | 99.6  | 99.7  | 99.7  | 99.5  | -    |
| Thailand          | -    | -     | -     | -     | -    | -     | -     | -     | 99.4  | -    |
| Viet Nam          | 94.9 | 95.3  | 96.5  | 96.6  | 96.8 | 97.2  | 98.0  | 98.0  | 97.3  | 98.0 |
| <b>Male</b>       |      |       |       |       |      |       |       |       |       |      |
| Brunei Darussalam | 96.9 | 100.2 | -     | -     | -    | -     | 102.5 | 104.5 | 101.8 | -    |
| Cambodia          | 95.0 | 95.8  | 98.0  | 95.4  | 94.1 | 93.3  | 93.2  | 92.4  | 92.0  | -    |
| Indonesia         | 94.8 | 91.6  | 92.6  | 95.7  | 96.6 | 96.5  | 97.0  | 97.3  | 97.8  | 97.6 |
| Lao PDR           | 93.7 | 94.9  | 96.0  | 97.5  | 98.4 | 98.8  | 99.0  | 98.8  | 99.1  | -    |
| Malaysia          | 96.4 | 96.3  | 97.5  | 98.7  | 98.7 | 95.5  | 95.3  | 96.0  | 95.9  | 96.4 |
| Myanmar           | 88.6 | 88.7  | 86.3  | 85.2  | 94.7 | 95.5  | 99.1  | 96.6  | 96.8  | -    |
| Philippines       | 94.5 | 96.8  | 96.5  | 96.7  | 96.9 | 96.7  | 96.2  | 94.1  | 94.2  | -    |
| Singapore         | 99.8 | 99.8  | 99.8  | 99.6  | 99.8 | 99.6  | 99.8  | 99.7  | 99.5  | -    |
| Thailand          | -    | -     | -     | -     | -    | -     | -     | -     | 99.9  | -    |
| Viet Nam          | -    | -     | -     | -     | -    | -     | -     | -     | -     | -    |
| <b>Female</b>     |      |       |       |       |      |       |       |       |       |      |
| Brunei Darussalam | 91.9 | 100.9 | -     | -     | -    | -     | 103.4 | 104.3 | 104.6 | -    |
| Cambodia          | 94.6 | 94.6  | 97.7  | 95.8  | 94.9 | 94.7  | 93.9  | 92.9  | 92.8  | -    |
| Indonesia         | 94.7 | 90.5  | 92.5  | 95.5  | 96.3 | 96.9  | 96.7  | 97.0  | 97.4  | 97.7 |
| Lao PDR           | 91.7 | 93.3  | 94.3  | 96.0  | 97.6 | 98.3  | 98.5  | 98.6  | 98.6  | -    |
| Malaysia          | 96.7 | 97.2  | 97.9  | 98.9  | 98.0 | 96.4  | 97.0  | 97.4  | 97.4  | 97.3 |
| Myanmar           | 85.1 | 85.3  | 83.0  | 94.8  | 94.3 | 94.7  | 94.7  | 97.4  | 97.2  | -    |
| Philippines       | 97.5 | 99.3  | 98.1  | 97.7  | 97.5 | 97.1  | 96.1  | 94.3  | 93.9  | -    |
| Singapore         | 99.8 | 99.3  | 99.7  | 99.6  | 99.4 | 99.6  | 99.6  | 99.6  | 99.5  | -    |
| Thailand          | -    | -     | -     | -     | -    | -     | -     | -     | 98.9  | -    |
| Viet Nam          | -    | -     | -     | -     | -    | -     | -     | -     | -     | -    |

Source:  
ASEAN Secretariat

Note:  
1) Viet Nam does not disaggregate the indicators by gender  
'-' not available at the time of publication

**Table 2.3. Net Enrollment Ratio in Secondary School in ASEAN by Gender<sup>1)</sup>, 2010-2019**

(in percent)

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Total</b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 97.0 | 95.8 | 93.6 | 93.9 | 92.0 | 92.5 | 90.0 | 90.8 | 88.9 | -    |
| Cambodia          | 26.0 | 27.6 | 35.3 | 34.7 | 34.8 | 35.7 | 37.1 | 40.0 | 41.9 | -    |
| Indonesia         | 66.1 | 68.0 | 70.6 | 71.6 | 76.6 | 77.2 | 77.6 | 78.7 | 78.8 | 79.3 |
| Lao PDR           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia          | 66.4 | 65.6 | 67.7 | 67.5 | 68.0 | 87.3 | 87.3 | 90.2 | 90.2 | 91.3 |
| Myanmar           | 48.7 | 40.4 | 40.9 | 40.5 | 44.0 | 45.8 | 47.5 | 54.0 | 57.8 | -    |
| Philippines       | 64.3 | 65.1 | 66.2 | 67.9 | 67.2 | 73.6 | 74.2 | 76.0 | 81.4 | -    |
| Singapore         | 98.3 | 98.8 | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.3 | -    |
| Thailand          | -    | -    | -    | -    | -    | -    | -    | -    | 85.1 | -    |
| Viet Nam          | 70.8 | 72.0 | 74.1 | 76.2 | 77.1 | 80.2 | 82.1 | 83.4 | 92.4 | 89.2 |
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | -    | 96.1 | -    | -    | -    | -    | 90.3 | 90.0 | 88.1 | -    |
| Cambodia          | 25.1 | 26.7 | 34.6 | 33.6 | 33.2 | 33.5 | 34.2 | 37.4 | 38.3 | -    |
| Indonesia         | 65.8 | 67.0 | 69.8 | 70.6 | 75.6 | 75.6 | 75.7 | 77.7 | 77.9 | 78.0 |
| Lao PDR           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia          | 63.9 | 62.7 | 65.3 | 64.8 | 65.0 | 83.6 | 84.3 | 88.0 | 87.4 | 88.8 |
| Myanmar           | -    | -    | -    | -    | -    | 43.7 | 44.7 | 51.1 | 54.6 | -    |
| Philippines       | 59.1 | 59.8 | 60.7 | 62.4 | 61.7 | 68.1 | 68.8 | 70.9 | 77.2 | -    |
| Singapore         | 98.5 | 99.0 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.4 | -    |
| Thailand          | -    | -    | -    | -    | -    | -    | -    | -    | 83.2 | -    |
| Viet Nam          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | -    | 95.6 | -    | -    | -    | -    | 89.7 | 91.7 | 89.8 | -    |
| Cambodia          | 27.1 | 28.6 | 36.1 | 35.8 | 36.5 | 38.0 | 40.1 | 42.7 | 45.7 | -    |
| Indonesia         | 66.4 | 68.9 | 71.5 | 72.8 | 77.7 | 79.0 | 79.6 | 79.7 | 79.9 | 80.8 |
| Lao PDR           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia          | 69.0 | 68.7 | 70.2 | 70.3 | 71.2 | 91.3 | 90.6 | 92.5 | 93.3 | 93.9 |
| Myanmar           | -    | -    | -    | -    | -    | 47.9 | 50.4 | 57.1 | 61.0 | -    |
| Philippines       | 69.8 | 70.7 | 71.9 | 73.7 | 73.1 | 79.4 | 79.9 | 81.4 | 85.8 | -    |
| Singapore         | 98.1 | 98.5 | 98.8 | 99.2 | 99.6 | 99.5 | 99.5 | 99.8 | 99.1 | -    |
| Thailand          | -    | -    | -    | -    | -    | -    | -    | -    | 87.1 | -    |
| Viet Nam          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |

Source:  
ASEAN Secretariat

Note:  
1) Viet Nam does not disaggregate the indicators by gender  
'-' not available at the time of publication

**Table 2.4. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2009-2018**

| Country                 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Primary School</b>   |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 0.93 | 0.94 | 0.95 | 0.94 | 0.95 | 0.95 | 0.94 | 0.95 | 0.94 | 0.94 |
| Cambodia                | 0.91 | 0.91 | 0.91 | 0.89 | 0.92 | 0.93 | 0.94 | 0.93 | 0.93 | 0.92 |
| Indonesia               | -    | -    | -    | -    | -    | -    | 0.92 | -    | -    | -    |
| Lao PDR                 | 0.88 | 0.89 | 0.90 | 0.91 | 0.91 | 0.92 | 0.92 | 0.92 | 0.93 | 0.93 |
| Malaysia                | 1.01 | 1.01 | 1.01 | 1.00 | 1.00 | 1.00 | 1.01 | 1.00 | 1.00 | 1.00 |
| Myanmar                 | 0.97 | 0.98 | 0.97 | 0.97 | 0.96 | 0.96 | 0.96 | 0.95 | 0.95 | 0.95 |
| Philippines             | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 |
| Singapore               | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Thailand                | -    | -    | -    | -    | -    | -    | -    | 0.88 | 0.94 | 0.94 |
| Viet Nam                | -    | 0.93 | 0.94 | 0.92 | 0.98 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| <b>Secondary School</b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 0.94 | 0.94 | 0.93 | 0.94 | 0.95 | 0.93 | 0.94 | 0.95 | 0.93 | 0.93 |
| Cambodia                | 0.84 | 0.86 | 0.89 | 0.91 | 0.96 | 1.00 | 1.03 | 1.07 | 1.09 | 1.11 |
| Indonesia               | -    | -    | -    | -    | -    | -    | 0.96 | -    | -    | -    |
| Lao PDR                 | 0.79 | 0.81 | 0.82 | 0.84 | 0.86 | 0.88 | 0.89 | 0.90 | 0.90 | 0.91 |
| Malaysia                | 1.06 | 1.06 | 1.07 | 1.06 | 1.07 | 1.07 | 1.08 | 1.06 | 1.07 | 1.06 |
| Myanmar                 | 1.01 | 1.05 | 1.04 | 1.04 | 1.06 | 1.07 | 1.08 | 1.10 | 1.09 | 1.09 |
| Philippines             | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Singapore               | 0.99 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Thailand                | -    | -    | -    | -    | -    | -    | -    | 1.01 | 1.03 | 1.03 |
| Viet Nam                | -    | 0.96 | 0.94 | 0.94 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.94 |

Source:  
ASEAN Secretariat

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



**Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2009-2018**

| Country                 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Primary School</b>   |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 11.9 | 11.3 | 11.3 | 10.6 | 10.3 | 10.3 | 10.0 | 10.2 | 10.2 | 9.9  |
| Cambodia                | 49.2 | 48.3 | 47.3 | 48.5 | 46.2 | 45.4 | 44.8 | 43.8 | 44.0 | 44.5 |
| Indonesia               | 17.0 | 17.0 | 18.4 | 19.7 | 17.5 | 17.2 | -    | 14.0 | 17.2 | 15.7 |
| Lao PDR                 | 31.2 | 28.8 | 26.8 | 25.7 | -    | -    | 24.2 | 23.0 | -    | -    |
| Malaysia                | 14.0 | 13.3 | 13.1 | 11.9 | -    | -    | 11.5 | 11.6 | 11.6 | 11.9 |
| Myanmar                 | 28.0 | 28.0 | 27.0 | 28.0 | 28.0 | 28.0 | 26.0 | 22.0 | 23.0 | 20.0 |
| Philippines             | 36.0 | 39.0 | 39.0 | 41.0 | 40.0 | 36.0 | 33.0 | 32.0 | 31.0 | 29.0 |
| Singapore               | 19.6 | 19.3 | 18.6 | 17.7 | 16.5 | 16.5 | 16.0 | 15.1 | 14.7 | 14.3 |
| Thailand                | -    | -    | -    | -    | -    | -    | 16.9 | -    | -    | -    |
| Viet Nam                | 19.5 | 18.6 | 19.4 | 18.9 | 19.2 | 19.2 | 19.6 | 19.6 | 20.3 | 21.8 |
| <b>Secondary School</b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 10.5 | 10.3 | 10.2 | 8.7  | 8.1  | 9.3  | 9.0  | 8.8  | 9.0  | 8.5  |
| Cambodia                | 30.0 | 27.4 | 26.7 | 21.6 | 20.4 | 20.2 | 20.2 | 20.9 | 21.9 | 21.9 |
| Indonesia               | 14.0 | 14.0 | 17.2 | 18.5 | 17.3 | 16.3 | -    | 14.1 | 16.1 | 15.2 |
| Lao PDR                 | 15.0 | 16.3 | 14.2 | 13.3 | -    | -    | 18.7 | 18.3 | -    | -    |
| Malaysia                | 13.7 | 13.4 | 13.1 | 12.9 | -    | -    | 12.0 | 12.8 | 11.8 | 11.3 |
| Myanmar                 | 33.0 | 33.0 | 33.0 | 31.0 | 32.0 | 34.0 | 30.0 | 27.0 | 27.0 | 27.0 |
| Philippines             | 38.0 | 38.0 | 37.0 | 35.0 | 34.0 | 27.0 | 25.0 | 26.0 | 26.0 | 25.0 |
| Singapore               | 16.4 | 16.1 | 14.8 | 13.9 | 13.2 | 12.5 | 12.2 | 11.7 | 11.5 | 11.3 |
| Thailand                | -    | -    | 19.9 | -    | -    | -    | 28.2 | -    | -    | -    |
| Viet Nam                | 16.3 | 15.6 | 15.8 | 15.5 | 15.6 | 16.3 | 16.4 | 16.8 | 17.6 | 18.6 |

Source:  
ASEAN Secretariat

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

**Table 2.6. Crude Birth Rate (CBR) and Crude Death Rate (CDR) in ASEAN, 2010-2019**

| Country                                    | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|------|------|------|------|------|------|------|------|------|------|
| <b>Crude Birth Rate (CBR)<sup>1)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                          | 15.9 | 17.1 | 17.3 | 16.6 | 16.9 | 16.2 | 15.4 | 15.0 | 14.0 | 13.4 |
| Cambodia                                   | 22.5 | -    | 26   | 25.7 | -    | 23.8 | 23.3 | -    | -    | -    |
| Indonesia                                  | 21.0 | 20.7 | 20   | 19.9 | 19.5 | 19.2 | 18.8 | 18.5 | 18.2 | 17.8 |
| Lao PDR                                    | 22.8 | -    | 28   | 27.2 | 26.6 | 26.3 | 23.9 | -    | -    | -    |
| Malaysia                                   | 17.2 | 17.6 | 17.8 | 16.7 | 17.2 | 16.7 | 16.1 | 15.9 | 15.5 | 15.6 |
| Myanmar                                    | 17.3 | -    | 17   | 17.2 | 20.6 | 20.4 | 20.2 | 19.9 | 19.7 | -    |
| Philippines                                | 25.1 | -    | 25   | 24.4 | -    | 23.3 | 23.2 | 18.6 | -    | -    |
| Singapore                                  | 9.3  | 9.5  | 10.1 | 9.3  | 9.8  | 9.7  | 9.4  | 8.9  | 8.8  | 8.8  |
| Thailand                                   | 12.1 | 12.4 | 12.5 | 10.2 | -    | 10.5 | 10.3 | 10.1 | 9.6  | -    |
| Viet Nam                                   | 17.1 | 16.6 | 16.9 | 17.0 | 17.2 | 16.2 | 16.0 | 14.9 | 14.6 | 16.3 |
| <b>Crude Death Rate (CDR)<sup>2)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                          | 3.1  | 3.1  | 3.0  | 3.5  | 3.6  | 3.8  | 3.9  | 3.9  | 3.6  | 3.8  |
| Cambodia                                   | 8.0  | -    | 6    | 6.0  | -    | 6.0  | 6.1  | -    | -    | -    |
| Indonesia                                  | 6.4  | 6.4  | 6    | 6.3  | 6.3  | 6.4  | 6.4  | 6.4  | 6.5  | 6.5  |
| Lao PDR                                    | 6.3  | -    | 7    | 7.0  | 6.3  | 6.6  | 6.7  | -    | -    | -    |
| Malaysia                                   | 4.6  | 4.7  | 4.7  | 4.7  | 4.9  | 5.0  | 5.1  | 5.3  | 5.3  | 5.4  |
| Myanmar                                    | 8.6  | -    | 9    | 8.5  | 9.5  | 9.3  | 9.1  | 8.9  | 8.7  | -    |
| Philippines                                | 5.3  | 5.3  | 5    | 5.4  | 5.4  | 5.6  | 5.6  | 5.5  | -    | -    |
| Singapore                                  | 4.4  | 4.5  | 4.5  | 4.6  | 4.7  | 4.8  | 4.8  | 5.0  | 5.0  | 5.0  |
| Thailand                                   | 6.5  | 6.5  | 6.5  | 7.7  | -    | 8.0  | 7.9  | 7.0  | 7.1  | -    |
| Viet Nam                                   | 6.8  | 6.9  | 7.0  | 7.1  | 6.9  | 6.8  | 6.8  | 6.8  | 6.8  | 6.3  |

Source:  
ASEAN Secretariat

Note:

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

**Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2010-2019**

| Country   | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|------|------|------|------|------|------|------|------|------|------|
| <b>Infant Mortality Rate (IMR)<sup>1)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                               | 6.1  | 8.3  | 9.3  | 7.8  | 7.3  | 8.8  | 8.2  | 9.5  | 8.9  | 8.4  |
| Cambodia  | 45.0 | -    | -    | -    | 28.0 | -    | -    | -    | -    | -    |
| Indonesia                                       | 34.0 | -    | 27.9 | 27.2 | 26.6 | 26.0 | 25.5 | 25.1 | 24.6 | 24.2 |
| Lao PDR   | 56.6 | 54.1 | 51.5 | 48.9 | 46.5 | 57.0 | -    | -    | -    | -    |
| Malaysia  | 6.7  | 6.5  | 6.2  | 6.3  | 6.7  | 6.9  | 6.7  | 6.9  | 7.2  | 7.2  |
| Myanmar   | 27.1 | 38.4 | 37.3 | 35.3 | 45.9 | 44.8 | 43.8 | 42.8 | 41.8 | -    |
| Philippines                                     | -    | 22.0 | -    | 23.0 | -    | -    | -    | 21.0 | -    | -    |
| Singapore                                       | 2.0  | 2.0  | 1.8  | 2.0  | 1.8  | 1.7  | 2.4  | 2.2  | 2.1  | 1.7  |
| Thailand  | 7.0  | 6.6  | 6.8  | 6.4  | 6.5  | 6.2  | 6.4  | 5.9  | 6.0  | -    |
| Viet Nam  | 15.8 | 15.5 | 15.4 | 15.3 | 14.9 | 14.7 | 14.5 | 14.4 | 14.2 | 14.0 |
| <b>Under-5 mortality rate<sup>2)</sup></b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                               | 7.3  | 10.0 | 10.3 | 9.7  | 8.7  | 10.0 | 10.4 | 11.5 | 10.6 | 9.7  |
| Cambodia  | 54.0 | -    | -    | -    | 35.0 | -    | -    | -    | -    | -    |
| Indonesia                                       | 42.0 | 32.0 | 40.0 | -    | -    | 26.3 | 26.4 | 25.0 | -    | -    |
| Lao PDR   | 76.4 | 79.0 | 68.4 | 64.3 | -    | 86.0 | 63.9 | 63.0 | -    | -    |
| Malaysia  | 8.4  | 8.0  | 7.6  | 7.9  | 8.3  | 8.4  | 8.1  | 8.4  | 8.8  | 8.8  |
| Myanmar   | 34.9 | 45.2 | 44.7 | 43.0 | 66.5 | 65.3 | 64.0 | 62.6 | 61.2 | -    |
| Philippines                                     | 36.0 | 25.0 | -    | -    | -    | 31.0 | 27.1 | 27.0 | -    | -    |
| Singapore                                       | 2.9  | 2.9  | 2.7  | 2.6  | 2.5  | 2.6  | 2.7  | 2.8  | 2.6  | 2.5  |
| Thailand  | 9.8  | 9.0  | 9.0  | 8.7  | 8.8  | 8.6  | 8.8  | 8.2  | 8.4  | -    |
| Viet Nam  | 23.8 | 23.3 | 23.2 | 23.1 | 22.4 | 22.1 | 21.8 | 21.5 | 21.4 | 21.0 |

Source:  
ASEAN Secretariat

Note :

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

**Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2009-2018**

| Country  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| <b>Total Fertility Rate (TFR)<sup>1)</sup></b>     |       |       |       |       |       |       |       |       |       |      |
| Brunei Darussalam                                  | 1.8   | 1.9   | 1.9   | 1.9   | 1.9   | 1.8   | 1.8   | 1.8   | 1.8   | 1.7  |
| Cambodia   | 2.9   | 2.6   | -     | -     | 2.7   | 2.6   | 2.6   | 2.6   | -     | -    |
| Indonesia  | 2.2   | 2.5   | 2.5   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.3   | 2.3  |
| Lao PDR  | 3.4   | 2.7   | -     | 3.4   | 3.2   | 2.8   | 2.9   | 2.7   | -     | -    |
| Malaysia   | 2.2   | 2.1   | 2.2   | 2.2   | 2.0   | 2.1   | 2.0   | 1.9   | 1.9   | 1.8  |
| Myanmar  | 2.3   | 2.4   | 2.3   | 2.2   | 2.2   | 2.5   | 2.5   | 2.5   | -     | -    |
| Philippines  | 3.0   | 3.1   | -     | -     | 3.0   | 3.0   | 2.9   | 2.9   | 2.7   | -    |
| Singapore  | 1.2   | 1.2   | 1.2   | 1.3   | 1.2   | 1.3   | 1.2   | 1.2   | 1.2   | 1.1  |
| Thailand   | 1.8   | 1.6   | -     | -     | 1.5   | 1.5   | 1.5   | 1.4   | 1.4   | 1.3  |
| Viet Nam   | 2.0   | 2.0   | 2.0   | 2.0   | 2.1   | 2.1   | 2.1   | 2.1   | 2.0   | 2.1  |
| <b>Maternal Mortality Ratio (MMR)<sup>2)</sup></b> |       |       |       |       |       |       |       |       |       |      |
| Brunei Darussalam                                  | 15.1  | 15.6  | 0.0   | 43.4  | 15.0  | 14.5  | 59.7  | 0.0   | 0.1   | 0.0  |
| Cambodia   | -     | 206.0 | -     | -     | -     | 170.0 | -     | -     | -     | -    |
| Indonesia  | -     | 346.0 | -     | 359.0 | -     | -     | 305.0 | -     | -     | -    |
| Lao PDR  | -     | -     | -     | 357.0 | -     | -     | -     | -     | -     | -    |
| Malaysia   | 26.7  | 26.1  | 26.2  | 23.2  | 21.4  | 22.3  | 23.8  | 29.1  | 25.0  | 23.5 |
| Myanmar  | 141.0 | 142.0 | 148.0 | 146.0 | 143.0 | 209.0 | 236.0 | 203.0 | 202.0 | -    |
| Philippines  | -     | -     | 221.0 | -     | -     | -     | -     | -     | -     | -    |
| Singapore  | 0.0   | 2.6   | 7.6   | 2.3   | 2.5   | 2.4   | 7.1   | 4.8   | 0.0   | 10.2 |
| Thailand   | 10.8  | 10.2  | 8.9   | 17.6  | 22.2  | 23.3  | 24.6  | 26.6  | 21.8  | 19.9 |
| Viet Nam   | 69.0  | -     | -     | -     | -     | -     | -     | -     | -     | -    |

Source:  
ASEAN Secretariat

Note :

1) TFR refers to average number of children that would be born to a woman over her lifetime

2) MMR refers to Maternal death per 100,000 live births

'-' not available at the time of publication

**Table 2.9. Life Expectancy at Birth<sup>1)</sup> in ASEAN by Gender, 2010-2019**

(in years)

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Total</b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 77.7 | 77.1 | 80.1 | 78.0 | 77.2 | 77.7 | 77.8 | 76.6 | 77.5 | 77.4 |
| Cambodia          | 64.2 | 65.0 | 65.9 | 66.7 | 67.6 | 68.3 | 69.1 | 69.9 | 70.6 | 71.0 |
| Indonesia         | 69.8 | 70.0 | 70.2 | 70.4 | 70.6 | 70.8 | 70.9 | 71.1 | 71.2 | 71.3 |
| Lao PDR           | 64.7 | -    | -    | -    | -    | 68.0 | 65.0 | 65.0 | -    | -    |
| Malaysia          | 74.1 | 74.3 | 74.4 | 74.5 | 74.5 | 74.6 | 74.4 | 74.4 | 74.5 | 74.5 |
| Myanmar           | 66.6 | 67.3 | 67.4 | 67.8 | 63.9 | 64.4 | 65.0 | 65.5 | 65.9 | -    |
| Philippines       | 70.9 | -    | -    | -    | -    | 72.7 | -    | -    | -    | -    |
| Singapore         | 81.7 | 81.9 | 82.1 | 82.4 | 82.6 | 82.9 | 83.0 | 83.2 | 83.4 | 83.6 |
| Thailand          | -    | -    | -    | -    | -    | -    | 74.8 | 75.7 | 75.9 | -    |
| Viet Nam          | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.5 | 73.6 |
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 77.5 | 75.6 | 78.9 | 77.7 | 75.8 | 77.8 | 76.9 | 74.8 | 76.4 | 76.4 |
| Cambodia          | 62.3 | 63.1 | 64.0 | 64.8 | 65.6 | 66.4 | 67.1 | 67.9 | 68.6 | 65.6 |
| Indonesia         | 67.9 | 68.1 | 68.3 | 68.5 | 68.9 | 68.9 | 69.0 | 69.2 | 69.3 | 69.4 |
| Lao PDR           | 66.7 | -    | -    | -    | -    | 65.0 | 63.0 | 64.0 | -    | -    |
| Malaysia          | 71.9 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.1 | 72.1 | 72.2 | 72.2 |
| Myanmar           | 64.6 | 64.9 | 65.1 | 65.5 | 59.3 | 59.7 | 60.3 | 60.8 | 61.2 | -    |
| Philippines       | 67.8 | -    | -    | -    | -    | 69.6 | -    | -    | -    | -    |
| Singapore         | 79.2 | 79.5 | 79.8 | 80.1 | 80.3 | 80.5 | 80.7 | 80.9 | 81.2 | 81.4 |
| Thailand          | -    | -    | -    | -    | -    | -    | 71.2 | 72.0 | 72.2 | -    |
| Viet Nam          | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.9 | 71.0 |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 77.8 | 78.5 | 81.2 | 78.3 | 78.5 | 77.5 | 78.7 | 78.3 | 78.5 | 78.4 |
| Cambodia          | 66.1 | 67.0 | 67.9 | 68.8 | 69.6 | 70.4 | 71.2 | 72.0 | 72.7 | 68.7 |
| Indonesia         | 71.8 | 72.0 | 72.2 | 72.4 | 72.6 | 72.8 | 72.9 | 73.1 | 73.2 | 73.3 |
| Lao PDR           | 62.7 | -    | -    | -    | -    | 62.0 | 67.0 | 67.0 | -    | -    |
| Malaysia          | 76.6 | 76.8 | 76.9 | 76.9 | 77.0 | 77.1 | 77.0 | 77.1 | 77.1 | 77.3 |
| Myanmar           | 68.6 | 68.7 | 68.9 | 69.1 | 68.7 | 69.3 | 69.8 | 70.3 | 70.7 | -    |
| Philippines       | 74.0 | -    | -    | -    | -    | 75.9 | -    | -    | -    | -    |
| Singapore         | 84.0 | 84.1 | 84.3 | 84.5 | 84.8 | 85.1 | 85.1 | 85.4 | 85.5 | 85.7 |
| Thailand          | -    | -    | -    | -    | -    | -    | 78.6 | 79.6 | 79.8 | -    |
| Viet Nam          | 75.7 | 75.8 | 75.8 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 |

Source:  
ASEAN Secretariat

Note:

- 1) Life expectancy at birth refers to number of years a new born will live if the prevailing patterns of mortality at the time of the child's birth were to stay the same throughout his or her life  
 '-' not available at the time of publication

**Table 2.10. Immunization Against Measles and DPT Among Children of 1 Year Old in ASEAN, 2010-2019**

(in percent)

| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016  | 2017  | 2018  | 2019 |
|-------------------------|------|------|------|------|------|------|-------|-------|-------|------|
| <b>Measles</b>          |      |      |      |      |      |      |       |       |       |      |
| Brunei Darussalam       | 94.4 | 91.0 | 98.6 | 96.0 | 97.0 | 96.0 | 98.0  | 97.0  | 99.0  | 96.8 |
| Cambodia                | 81.9 | 88.0 | 84.0 | 79.0 | 83.0 | 84.0 | 84.0  | 84.0  | 84.0  | 84.0 |
| Indonesia               | 77.7 | 76.9 | 78.0 | 77.9 | 80.1 | 71.6 | 72.8  | 70.7  | 83.3  | 67.3 |
| Lao PDR                 | 64.0 | 69.0 | 72.0 | 82.0 | 87.0 | 83.0 | 66.0  | 72.0  | 69.0  | 69.0 |
| Malaysia                | 96.1 | 95.2 | 95.5 | 95.3 | 92.1 | 93.1 | 94.4  | 88.8  | 87.8  | -    |
| Myanmar                 | 88.0 | 88.0 | 84.0 | 86.0 | 88.0 | 84.0 | 91.0  | 83.0  | 93.0  | 84.0 |
| Philippines             | 87.4 | 76.8 | 80.0 | 76.7 | -    | -    | -     | 80.4  | -     | -    |
| Singapore <sup>1)</sup> | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0  | -    |
| Thailand                | 98.0 | 98.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 96.0  | 96.0 |
| Viet Nam                | 97.8 | 96.5 | 96.4 | 97.7 | 97.4 | 97.5 | 95.0  | 92.7  | 97.2  | 94.3 |
| <b>DPT<sup>2)</sup></b> |      |      |      |      |      |      |       |       |       |      |
| Brunei Darussalam       | 95.4 | 97.0 | 90.0 | 99.6 | 99.0 | 99.0 | 100.0 | 100.0 | 100.0 | 99.7 |
| Cambodia                | 84.8 | 91.0 | 90.0 | 86.0 | 91.0 | 92.0 | 93.0  | 93.0  | 92.0  | 92.0 |
| Indonesia               | 89.8 | 89.1 | 90.0 | 90.3 | 93.6 | 83.5 | 84.8  | 83.8  | 88.9  | 83.3 |
| Lao PDR                 | 74.0 | 78.0 | 79.0 | 87.0 | 88.0 | 81.0 | 66.0  | 69.0  | 68.0  | 68.0 |
| Malaysia                | 94.3 | 99.5 | 99.7 | 96.9 | 96.8 | 99.0 | 98.0  | 99.3  | 101.5 | -    |
| Myanmar                 | 90.0 | 84.0 | 84.0 | 75.0 | 88.0 | 89.0 | 90.0  | 89.0  | 91.0  | 90.0 |
| Philippines             | 79.0 | 87.0 | 88.0 | 89.0 | 67.0 | 60.0 | 86.0  | 72.0  | 65.0  | 65.0 |
| Singapore <sup>3)</sup> | 96.0 | 96.0 | 97.0 | 97.0 | 96.0 | 96.0 | 98.0  | 96.0  | 96.0  | -    |
| Thailand                | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 97.0  | 97.0 |
| Viet Nam                | 93.4 | 95.2 | 96.6 | 95.4 | 95.1 | -    | -     | 94.4  | 74.7  | 94.3 |

Source:  
 ASEAN Secretariat  
 World Bank - World Development Indicators  
 for Cambodia, Lao PDR, Myanmar,  
 Philippines (DPT) and Thailand

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

**Table 2.11. Incidence of Malaria and Tuberculosis<sup>1)</sup> in ASEAN, 2009-2018**

| Country             | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Malaria</b>      |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam   | -     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Cambodia            | -     | 20.5  | -     | -     | -     | -     | 13.0  | 1.5   | 3.0   | 4.0   |
| Indonesia           | 1.8   | 2.0   | 1.8   | 1.7   | 1.4   | 1.0   | 0.9   | 0.9   | 1.0   | 0.8   |
| Lao PDR             | -     | 17.8  | -     | -     | -     | -     | 20.9  | 7.8   | -     | -     |
| Malaysia            | 26.7  | 24.8  | 23.5  | 18.6  | 16.1  | 13.0  | 13.0  | 0.1   | 0.1   | 0.1   |
| Myanmar             | -     | -     | -     | -     | -     | -     | -     | 0.7   | 0.4   | 0.3   |
| Philippines         | 21.6  | 13.0  | 9.8   | -     | -     | -     | 8.0   | 0.1   | -     | 0.0   |
| Singapore           | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Thailand            | -     | -     | 0.6   | 1.0   | 1.2   | 1.2   | 0.7   | 0.3   | 0.2   | 0.1   |
| Viet Nam            | 0.7   | 0.6   | 0.5   | 0.5   | 0.4   | 0.3   | 0.2   | 0.1   | 0.1   | 0.1   |
| <b>Tuberculosis</b> |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam   | 56.0  | 61.3  | 58.5  | 60.2  | 52.6  | 48.6  | 51.4  | 58.0  | 56.5  | 59.1  |
| Cambodia            | -     | 125.0 | -     | -     | -     | -     | 380.0 | 345.0 | 326.0 | -     |
| Indonesia           | 419.0 | 415.0 | 410.0 | 407.0 | 403.0 | 399.0 | 395.0 | 139.0 | 161.0 | 214.0 |
| Lao PDR             | 230.0 | 221.0 | 213.0 | 204.0 | 197.0 | 189.0 | 182.0 | 175.0 | -     | -     |
| Malaysia            | 72.0  | 76.0  | 80.0  | 86.0  | 91.0  | 92.0  | 88.0  | 81.3  | 80.8  | 78.6  |
| Myanmar             | 388.0 | 384.0 | 381.0 | 376.0 | 373.0 | 369.0 | 365.0 | 361.0 | 358.0 | 338.0 |
| Philippines         | 528.0 | 531.0 | 535.0 | 539.0 | 543.0 | 546.0 | 550.0 | 434.0 | 310.6 | 329.7 |
| Singapore           | 39.4  | 39.9  | 41.0  | 41.5  | 37.6  | 36.9  | 36.1  | 41.2  | 39.0  | 38.7  |
| Thailand            | 188.0 | 181.0 | 176.0 | 170.0 | 170.0 | 167.0 | 163.0 | 172.0 | 156.0 | 153.0 |
| Viet Nam            | 159.0 | 155.0 | 151.0 | 147.0 | 144.0 | 140.0 | 137.0 | 114.9 | 129.0 | 131.0 |

Source:  
ASEAN Secretariat

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

**Table 2.12. HIV Prevalence Rate Among 15-49 Year Old People in ASEAN, 2010-2019**

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | (in percent) |
|-------------------|------|------|------|------|------|------|------|------|------|------|--------------|
| Brunei Darussalam | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | -    |              |
| Cambodia          | 0.8  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.6  | 0.6  | -    |              |
| Indonesia         | -    | -    | -    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | -    | -    |              |
| Lao PDR           | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  |              |
| Malaysia          | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  |              |
| Myanmar           | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.7  |              |
| Philippines       | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  |              |
| Singapore         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | -    |              |
| Thailand          | -    | -    | -    | -    | -    | -    | 1.2  | 1.2  | 1.1  | -    |              |
| Viet Nam          | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.3  | 0.3  | 0.3  | 0.3  |              |

Source:  
 ASEAN Secretariat  
 World Bank - World Development Indicators  
 for Lao PDR, Malaysia, Myanmar,  
 Philippines and Viet Nam

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



**Table 2.13. Proportion of Population with Access to Improved Drinking Water and Sanitation in ASEAN, 2010-2019**

(in percent)

| Country                                  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Access to Improved Drinking Water</b> |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Cambodia                                 | 48.2  | 50.5  | 50.7  | 54.2  | 54.5  | 59.2  | 61.1  | 64.8  | -     | -     |
| Indonesia                                | 44.2  | 42.8  | 42.8  | 41.1  | 39.3  | 71.0  | 86.4  | 87.5  | 87.8  | 89.3  |
| Lao PDR                                  | 82.0  | 70.0  | 70.0  | -     | -     | 61.4  | 88.9  | 77.5  | -     | -     |
| Malaysia                                 | 94.2  | 94.4  | 94.4  | -     | -     | 95.1  | 95.5  | 96.5  | -     | -     |
| Myanmar                                  | 83.0  | -     | -     | -     | 69.5  | 80.2  | -     | 88.1  | -     | -     |
| Philippines                              | 82.5  | 82.7  | 82.7  | -     | -     | 86.0  | 83.2  | 92.0  | -     | -     |
| Singapore                                | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand                                 | 99.1  | 99.5  | 99.3  | 99.3  | -     | 99.3  | 99.0  | 99.1  | 99.4  | 99.9  |
| Viet Nam                                 | 90.5  | -     | 91.0  | -     | 92.0  | -     | 93.4  | 94.9  | 95.7  | 96.3  |
| <b>Access to Improved Sanitation</b>     |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam                        | 80.0  | 80.0  | 80.0  | -     | -     | 86.7  | 91.0  | 92.0  | 93.0  | 93.0  |
| Cambodia                                 | 40.0  | 43.6  | 45.2  | 51.7  | 55.9  | 61.8  | 72.9  | 76.0  | -     | -     |
| Indonesia                                | 51.0  | 55.6  | 55.6  | 57.9  | -     | 62.1  | 71.8  | 73.1  | 74.6  | 77.4  |
| Lao PDR                                  | 49.0  | 57.0  | 62.0  | -     | -     | 73.2  | 73.8  | 75.3  | -     | -     |
| Malaysia                                 | 98.4  | 98.0  | 99.3  | -     | -     | 99.5  | 99.7  | 96.0  | -     | -     |
| Myanmar                                  | 84.0  | 82.3  | 80.9  | 80.0  | 80.8  | -     | -     | 83.3  | -     | -     |
| Philippines                              | 91.9  | 91.6  | 91.6  | -     | -     | 94.0  | 91.9  | 74.4  | -     | -     |
| Singapore                                | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand                                 | 99.3  | 99.6  | 99.5  | 99.6  | -     | 99.7  | 99.5  | 99.7  | 99.8  | 98.7  |
| Viet Nam                                 | 75.7  | -     | 77.4  | -     | 80.4  | -     | 83.8  | 86.4  | 90.3  | 92.7  |

Source:  
ASEAN Secretariat

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



# CHAPTER 3 Employment



|                   |      |      |      |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 97.0 | 99.0 | 94.4 | 91.0 | 98.6 | 90.0 | 98.0 | 90.0 | 10.0 | 10.0 |
| Cambodia          | 80.0 | 81.0 | 81.9 | 77.2 | 77.7 | 79.0 | 76.9 | 74.7 | 10.0 | 10.0 |
| Lao PDR           | 40.0 | 46.9 | 46.1 | 95.2 | 95.5 | 95.3 | 56.4 | 40.0 | 10.0 | 10.0 |
| Malaysia          | 87.0 | 88.0 | 88.0 | 87.0 | 88.0 | 88.0 | 88.0 | 88.0 | 10.0 | 10.0 |
| Philippines       | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 10.0 | 10.0 |
| Singapore         | 96.0 | 98.0 | 98.0 | 98.0 | 98.0 | 96.0 | 96.0 | 96.0 | 10.0 | 10.0 |
| Thailand          | 95.6 | 97.0 | 97.8 | 95.5 | 96.4 | 97.7 | 97.7 | 97.7 | 10.0 | 10.0 |
| Viet Nam          | 95.6 | 97.0 | 97.8 | 95.5 | 96.4 | 97.7 | 97.7 | 97.7 | 10.0 | 10.0 |



**Table 3.1. Number of Labour Force in ASEAN, 2010-2019**

| Country                 | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Brunei Darussalam       | 196.5     | 202.5     | 206.0     | -         | 203.7     | -         | -         | 206.1     | 221.0     | 238.0     |
| Cambodia                | 7,701.0   | 7,907.2   | 7,718.0   | 7,974.0   | 8,260.0   | 8,359.0   | 8,624.0   | 8,779.3   | -         | -         |
| Indonesia               | 116,527.5 | 116,097.7 | 119,849.7 | 120,172.0 | 121,872.9 | 122,380.0 | 125,443.7 | 128,062.7 | 131,005.6 | 133,560.9 |
| Lao PDR                 | 3,826.6   | -         | -         | -         | -         | -         | -         | 1,940.2   | -         | -         |
| Malaysia                | 12,303.9  | 12,740.7  | 13,221.6  | 13,980.5  | 14,263.6  | 14,517.9  | 14,667.8  | 14,980.0  | 15,280.3  | 15,581.6  |
| Myanmar                 | 30,960.0  | 31,390.0  | 31,820.0  | 31,940.0  | 22,110.0  | 21,960.0  | -         | 22,280.0  | 22,680.0  | -         |
| Philippines             | 38,894.0  | 40,005.0  | 40,426.0  | 41,023.0  | 41,379.0  | 41,342.0  | 43,361.0  | 42,774.0  | 42,982.0  | 44,692.3  |
| Singapore <sup>1)</sup> | 2,047.3   | 2,080.1   | 2,119.6   | 2,138.8   | 2,185.2   | 2,232.3   | 2,257.6   | 2,269.7   | 2,292.7   | 2,328.5   |
| Thailand                | 41,749.8  | 35,103.7  | 39,407.8  | 39,383.8  | 38,576.2  | 38,548.2  | 38,266.6  | 38,099.8  | 38,433.6  | 38,178.0  |
| Viet Nam                | 50,392.9  | 51,398.4  | 52,348.0  | 53,245.6  | 53,748.0  | 53,984.2  | 54,445.3  | 54,823.8  | 55,357.5  | 55,774.6  |

Source:  
ASEAN Secretariat

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

**Table 3.2. Labour Force Participation Rate in ASEAN, 2010-2019**

| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam       | 71.4 | 68.9 | 72.2 | -    | 65.6 | -    | -    | 62.7 | 65.4 | 64.3 |
| Cambodia                | 84.4 | 85.1 | 84.2 | 83.0 | 82.6 | 82.7 | 78.3 | 84.3 | -    | -    |
| Indonesia               | 67.7 | 66.8 | 67.8 | 66.8 | 66.6 | 65.8 | 66.3 | 66.7 | 67.3 | 67.5 |
| Lao PDR                 | 77.7 | -    | -    | -    | -    | 68.0 | -    | 40.8 | -    | -    |
| Malaysia                | 63.7 | 64.5 | 65.6 | 67.3 | 67.6 | 67.9 | 67.7 | 68.0 | 68.3 | 68.7 |
| Myanmar                 | 66.1 | 66.0 | 66.3 | 66.9 | 67.0 | 64.7 | -    | 61.2 | 62.0 | -    |
| Philippines             | 64.1 | 64.6 | 64.2 | 63.9 | 64.6 | 63.7 | 63.5 | 61.2 | 60.1 | 61.3 |
| Singapore <sup>1)</sup> | 66.2 | 66.1 | 66.6 | 66.7 | 67.0 | 68.3 | 68.0 | 67.7 | 67.7 | 68.0 |
| Thailand                | 72.3 | 71.7 | 71.8 | 71.1 | 70.3 | 69.8 | 68.8 | 68.1 | 68.3 | 67.5 |
| Viet Nam                | 77.4 | 77.0 | 76.8 | 77.5 | 77.7 | 77.8 | 77.3 | 76.3 | 76.8 | 76.5 |

Source:  
ASEAN Secretariat

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

**Table 3.3. Labour Force Participation Rate in ASEAN by Gender, 2010-2019**

(in percent)

| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>             |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 80.1 | 77.3 | 80.5 | -    | 72.4 | -    | -    | 68.9 | 72.7 | 72.5 |
| Cambodia                | 88.3 | 89.0 | 89.1 | 88.7 | 87.9 | 88.5 | 84.7 | 88.8 | -    | -    |
| Indonesia               | 83.8 | 83.9 | 84.2 | 83.4 | 83.1 | 82.7 | 82.0 | 82.5 | 82.7 | 83.1 |
| Lao PDR                 | 79.3 | -    | -    | -    | -    | 62.0 | -    | 45.2 | -    | -    |
| Malaysia                | 79.3 | 79.7 | 80.5 | 81.0 | 80.6 | 80.6 | 80.2 | 80.1 | 80.4 | 80.8 |
| Myanmar                 | 82.4 | 82.4 | 82.7 | 83.5 | 85.2 | 80.2 | -    | 77.3 | 76.8 | -    |
| Philippines             | 78.5 | 79.0 | 78.5 | 78.1 | 78.6 | 77.3 | 77.6 | 76.2 | 73.9 | 74.8 |
| Singapore <sup>1)</sup> | 76.5 | 75.6 | 76.0 | 75.8 | 75.9 | 76.7 | 76.2 | 76.0 | 75.6 | 75.4 |
| Thailand                | 80.7 | 79.5 | 79.9 | 79.5 | 79.3 | 78.6 | 77.6 | 76.9 | 77.1 | 76.2 |
| Viet Nam                | 82.0 | 81.7 | 81.2 | 82.1 | 82.5 | 83.0 | 82.4 | 81.2 | 82.3 | 81.3 |
| <b>Female</b>           |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 62.0 | 59.9 | 63.2 | -    | 58.3 | -    | -    | 56.5 | 57.3 | 54.8 |
| Cambodia                | 80.8 | 81.6 | 79.7 | 77.8 | 77.5 | 72.2 | 72.5 | 80.1 | -    | -    |
| Indonesia               | 51.8 | 49.8 | 51.4 | 50.3 | 50.2 | 48.9 | 50.8 | 50.9 | 51.9 | 51.9 |
| Lao PDR                 | 76.2 | -    | -    | -    | -    | 69.0 | -    | 36.5 | -    | -    |
| Malaysia                | 46.8 | 48.0 | 49.5 | 52.6 | 53.7 | 54.1 | 54.3 | 54.7 | 55.2 | 55.6 |
| Myanmar                 | 50.0 | 50.0 | 50.2 | 50.7 | 50.5 | 51.6 | -    | 47.7 | 49.6 | -    |
| Philippines             | 49.7 | 50.4 | 50.0 | 49.9 | 50.7 | 50.1 | 49.3 | 46.2 | 46.2 | 47.6 |
| Singapore <sup>1)</sup> | 56.5 | 57.0 | 57.7 | 58.1 | 58.6 | 60.4 | 60.4 | 59.8 | 60.2 | 61.1 |
| Thailand                | 64.3 | 64.3 | 64.2 | 63.1 | 62.0 | 61.6 | 60.6 | 59.8 | 60.1 | 59.4 |
| Viet Nam                | 73.0 | 72.6 | 72.5 | 73.2 | 73.3 | 72.9 | 72.5 | 71.6 | 71.6 | 70.9 |

Source:  
ASEAN Secretariat

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

**Table 3.4. Number of Unemployment in ASEAN, 2010-2019**

(in thousand)

| Country                 | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Brunei Darussalam       | 17.9    | 18.8    | 19.8    | -       | 14.1    | -       | -       | 19.1    | 19.2    | 16.2    |
| Cambodia                | 27.5    | 16.0    | 12.0    | 8.0     | 15.0    | 8.0     | 16.0    | 12.9    | -       | -       |
| Indonesia               | 8,319.8 | 8,681.4 | 7,344.9 | 7,410.9 | 7,244.9 | 7,560.8 | 7,031.8 | 7,040.3 | 7,000.7 | 7,045.8 |
| Lao PDR                 | 805.4   | -       | -       | -       | -       | -       | -       | 182.5   | -       | -       |
| Malaysia                | 404.5   | 389.2   | 401.2   | 435.1   | 411.1   | 450.3   | 504.1   | 503.3   | 504.3   | 508.2   |
| Myanmar                 | 1,240.0 | 1,260.0 | 1,280.0 | 1,290.0 | 870.0   | 160.0   | -       | 350.0   | 230.0   | -       |
| Philippines             | 2,859.0 | 2,813.0 | 2,826.0 | 2,905.0 | 2,728.0 | 2,601.0 | 2,363.0 | 2,441.0 | 2,324.0 | 2,263.9 |
| Singapore <sup>1)</sup> | 64.8    | 60.6    | 60.0    | 59.8    | 61.2    | 62.4    | 67.4    | 71.0    | 66.9    | 72.8    |
| Thailand                | 402.2   | 253.5   | 253.8   | 281.7   | 322.7   | 340.6   | 377.5   | 450.7   | 404.3   | 373.4   |
| Viet Nam                | 1,344.0 | 1,045.0 | 926.0   | 1,037.0 | 1,003.0 | 1,144.0 | 1,143.0 | 1,120.4 | 1,104.9 | 1,106.0 |

Source:  
ASEAN Secretariat

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

**Table 3.5. Unemployment Rate of 15 Years Old and Over in ASEAN, 2010-2019**

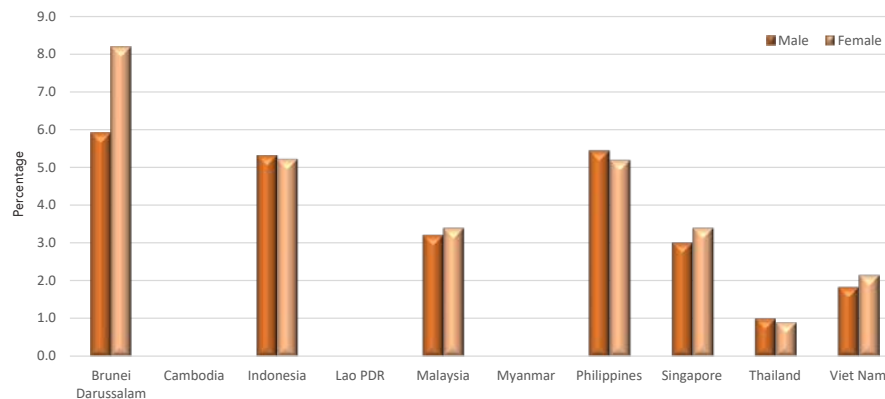
| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam       | 9.1  | 9.3  | 9.6  | -    | 6.9  | -    | -    | 9.3  | 8.7  | 6.8  |
| Cambodia                | 0.3  | 0.2  | 0.2  | 0.3  | 0.1  | 0.1  | 0.2  | 0.1  | -    | -    |
| Indonesia               | 7.1  | 7.5  | 6.1  | 6.2  | 5.9  | 6.2  | 5.6  | 5.5  | 5.3  | 5.3  |
| Lao PDR                 | -    | -    | -    | -    | -    | -    | -    | 9.4  | 9.1  | -    |
| Malaysia                | 3.3  | 3.1  | 3.0  | 3.1  | 2.9  | 3.1  | 3.4  | 3.4  | 3.3  | 3.3  |
| Myanmar                 | 4.0  | 4.0  | 4.0  | 4.0  | 4.0  | 0.8  | -    | 1.6  | 0.9  | -    |
| Philippines             | 7.4  | 7.0  | 7.0  | 7.1  | 6.6  | 6.3  | 5.4  | 5.7  | 5.4  | 5.3  |
| Singapore <sup>1)</sup> | 3.1  | 2.9  | 2.8  | 2.8  | 2.7  | 2.8  | 3.0  | 3.1  | 2.9  | 3.1  |
| Thailand                | 1.0  | 0.7  | 0.7  | 0.7  | 0.8  | 0.9  | 1.0  | 1.2  | 1.1  | 1.0  |
| Viet Nam                | 2.6  | 2.0  | 1.8  | 2.0  | 1.9  | 2.1  | 2.1  | 2.0  | 2.0  | 2.2  |

(in percent)

Source:  
ASEAN Secretariat

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

**Chart 3.1. Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2019**



Source: ASEAN Secretariat



**Table 3.6. Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2010-2019**

(in percent)

| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>             |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 7.6  | 7.5  | 7.6  | -    | 6.2  | -    | -    | 8.8  | 7.7  | 5.9  |
| Cambodia                | 0.4  | 0.3  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.1  | -    | -    |
| Indonesia               | 6.1  | 6.7  | 5.8  | 6.0  | 5.8  | 6.1  | 5.7  | 5.5  | 5.4  | 5.3  |
| Lao PDR                 | -    | -    | -    | -    | -    | -    | -    | 10.7 | -    | -    |
| Malaysia                | 3.1  | 2.9  | 3.0  | 2.9  | 2.7  | 2.9  | 3.1  | 3.3  | 3.1  | 3.2  |
| Myanmar                 | 3.7  | 3.7  | 3.7  | 3.7  | 3.9  | 0.7  | -    | 1.2  | 0.9  | -    |
| Philippines             | 7.6  | 7.3  | 7.2  | 7.3  | 6.9  | 6.6  | 5.6  | 6.0  | 5.4  | 5.4  |
| Singapore <sup>1)</sup> | 3.0  | 2.6  | 2.7  | 2.7  | 2.7  | 2.7  | 3.0  | 3.1  | 2.9  | 3.0  |
| Thailand                | 1.1  | 0.7  | 0.7  | 0.7  | 0.9  | 0.9  | 1.0  | 1.2  | 1.1  | 1.0  |
| Viet Nam                | 2.3  | 1.7  | 1.6  | 2.0  | 1.9  | 2.3  | 2.2  | 2.2  | 2.0  | 1.8  |
| <b>Female</b>           |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 11.3 | 11.7 | 12.4 | -    | 7.8  | -    | -    | 10.0 | 10.1 | 8.2  |
| Cambodia                | 0.3  | 0.1  | 0.2  | 0.3  | 0.1  | 0.1  | 0.1  | 0.1  | -    | -    |
| Indonesia               | 8.7  | 8.9  | 6.7  | 6.4  | 6.3  | 6.4  | 5.4  | 5.4  | 5.3  | 5.2  |
| Lao PDR                 | -    | -    | -    | -    | -    | -    | -    | 7.8  | -    | -    |
| Malaysia                | 3.6  | 3.3  | 3.2  | 3.4  | 3.2  | 3.4  | 3.9  | 3.5  | 3.6  | 3.4  |
| Myanmar                 | 4.6  | 4.6  | 4.6  | 4.6  | 4.1  | 0.9  | -    | 2.0  | 1.2  | -    |
| Philippines             | 6.9  | 6.6  | 6.7  | 6.8  | 6.1  | 5.8  | 5.2  | 5.2  | 5.5  | 5.2  |
| Singapore <sup>1)</sup> | 3.4  | 3.2  | 3.1  | 2.9  | 2.9  | 2.9  | 3.0  | 3.1  | 3.0  | 3.4  |
| Thailand                | 1.0  | 0.6  | 0.6  | 0.7  | 0.8  | 0.9  | 1.0  | 1.1  | 1.0  | 0.9  |
| Viet Nam                | 3.1  | 2.4  | 2.0  | 1.9  | 1.8  | 2.0  | 1.9  | 1.9  | 2.5  | 2.2  |

Source:  
ASEAN Secretariat

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

**Table 3.7. Unemployment Rate of 15-24 Years Old in ASEAN by Gender, 2010-2019**

(in percent)

| Country                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>             |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | -    | -    | -    | -    | 23.5 | -    | -    | 28.4 | 28.2 | 18.9 |
| Cambodia                | 0.7  | 0.4  | 0.3  | 0.2  | 0.2  | 0.1  | -    | -    | -    | -    |
| Indonesia               | 21.1 | 22.2 | 19.5 | 21.2 | 21.7 | 22.3 | 19.8 | 20.1 | 19.4 | 18.4 |
| Lao PDR                 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia                | 9.6  | 9.1  | 9.5  | 8.7  | 8.6  | 9.9  | 9.8  | 10.4 | 9.9  | 9.6  |
| Myanmar                 | -    | -    | -    | -    | 9.1  | 1.4  | -    | 3.3  | 1.7  | -    |
| Philippines             | -    | -    | -    | -    | -    | -    | 12.7 | 13.7 | -    | 12.8 |
| Singapore <sup>1)</sup> | 5.5  | 4.8  | 5.3  | 5.2  | 4.9  | 5.6  | 4.6  | 5.2  | 5.0  | 5.8  |
| Thailand                | 3.7  | 2.6  | 2.7  | 3.1  | 3.8  | 3.6  | 4.3  | 5.3  | 4.8  | 4.7  |
| Viet Nam                | 5.9  | 4.3  | 4.6  | 5.4  | 5.5  | 6.8  | 7.4  | 7.5  | 6.0  | 6.1  |
| <b>Female</b>           |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | -    | -    | -    | -    | 27.8 | -    | -    | 29.5 | 32.5 | 25.7 |
| Cambodia                | 0.4  | 0.3  | 0.2  | 0.1  | 0.1  | 0.1  | -    | -    | -    | -    |
| Indonesia               | 22.0 | 23.8 | 19.8 | 22.1 | 22.9 | 23.1 | 19.0 | 20.9 | 20.1 | 19.0 |
| Lao PDR                 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia                | 11.1 | 10.7 | 10.7 | 11.5 | 10.9 | 11.8 | 11.4 | 11.4 | 12.5 | 12.0 |
| Myanmar                 | -    | -    | -    | -    | 9.5  | 1.8  | -    | 4.8  | 2.1  | -    |
| Philippines             | -    | -    | -    | -    | -    | -    | 14.9 | 15.6 | -    | 14.8 |
| Singapore <sup>1)</sup> | 9.6  | 9.0  | 8.2  | 8.6  | 8.1  | 8.1  | 8.8  | 9.1  | 8.6  | 10.0 |
| Thailand                | 4.2  | 3.0  | 3.3  | 4.1  | 5.0  | 4.9  | 5.8  | 6.8  | 6.1  | 6.3  |
| Viet Nam                | 8.3  | 6.2  | 6.6  | 7.1  | 7.2  | 7.3  | 7.5  | 7.5  | 7.9  | 6.7  |

Source:  
ASEAN Secretariat

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

**Table 3.8. Number of Employment in ASEAN by 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       | 2017 | 2.5                             | 7.2           | 10.4         | 39.7   | 9.9                                    | 5.0   | 62.0            | 50.2   | 186.9     |
|                         | 2018 | 2.1                             | 8.1           | 20.6         | 42.4   | 10.0                                   | 4.6   | 59.2            | 54.6   | 201.7     |
|                         | 2019 | 4.3                             | 9.5           | 18.7         | 56.9   | 11.2                                   | 5.1   | 61.0            | 59.9   | 226.6     |
| Cambodia                | 2010 | 4,716.4                         | 624.8         | 202.4        | 964.9  | 219.0                                  | 22.5  | 215.2           | 990.3  | 7,955.3   |
|                         | 2011 | 4,796.3                         | 757.2         | 217.5        | 930.6  | 237.8                                  | 30.4  | 213.1           | 1,016.7  | 8,199.7   |
|                         | 2012 | 3,929.5                         | 940.6         | 356.1        | 1,219.0  | 321.2                                  | 29.1  | 232.9           | 953.7  | 7,982.1   |
| Indonesia               | 2017 | 35,924.5                        | 17,558.6      | 8,136.6      | 29,382.1   | 5,883.5                                | 3,693.5   | 12,341.9        | 8,101.7  | 121,022.4 |
|                         | 2018 | 35,703.1                        | 18,251.5      | 8,300.3      | 30,735.8   | 6,293.3                                | 3,851.6   | 12,596.6        | 8,272.9  | 124,005.0 |
|                         | 2019 | 34,577.8                        | 18,928.0      | 8,505.5      | 32,258.6   | 6,477.0                                | 4,074.8   | 13,130.7        | 8,562.6  | 126,515.1 |
| Lao PDR                 | 2010 | 2,155.1                         | 153.0         | 71.1         | 267.4  | 32.0                                   | 7.2   | 132.7           | -  | 2,818.5   |
|                         | 2015 | 2,500.8                         | 123.1         | 103.1        | 183.5  | 28.3                                   | 12.0  | 220.5           | -  | 3,171.2   |
|                         | 2017 | 550.7                           | 140.0         | 83.0         | 329.1  | 39.0                                   | 11.0  | 24.0            | 36.0   | 1,212.8   |
| Malaysia                | 2017 | 1,635.0                         | 2,513.3       | 1,258.9      | 3,808.6  | 878.5                                  | 453.5   | 742.2           | 348.8  | 11,638.8  |
|                         | 2018 | 1,570.3                         | 2,499.9       | 1,257.8      | 4,017.9  | 914.3                                  | 435.8   | 720.2           | 354.1  | 11,770.3  |
|                         | 2019 | 1,541.1                         | 2,681.5       | 1,276.4      | 4,144.2  | 881.5                                  | 812.9   | 806.2           | 621.0  | 12,764.8  |
| Myanmar                 | 2015 | 11,810.7                        | 2,309.8       | 740.9        | 3,028.9  | 915.2                                  | -   | 479.4           | 2,506.0  | 21,791.0  |
|                         | 2017 | 11,102.1                        | 2,303.8       | 921.5        | 3,795.8  | 1,053.2                                | 197.5   | 1,250.6         | 1,316.5  | 21,941.0  |
|                         | 2018 | 10,686.2                        | 2,379.7       | 1,369.5      | 4,041.0  | 1,167.4                                | 157.2   | 1,010.3         | 1,638.9  | 22,450.0  |
| Philippines             | 2017 | 10,261.0                        | 3,481.0       | 3,537.0      | 7,900.0  | 3,524.0                                | 692.0   | -               | 203.0  | 29,598.0  |
|                         | 2018 | 9,392.0                         | 3,639.0       | 3,894.0      | 7,803.0  | 3,639.0                                | 800.0   | -               | 205.0  | 29,372.0  |
|                         | 2019 | 9,698.3                         | 3,618.2       | 4,152.7      | 10,370.7   | 3,857.3                                | 813.2   | 2,784.8         | 7,133.1  | 42,428.4  |
| Singapore <sup>1)</sup> | 2017 | -                               | 223.6         | 100.6        | 490.6  | 284.5                                  | 535.2   | 519.1           | 21.7   | 2,175.3   |
|                         | 2018 | -                               | 228.2         | 104.0        | 486.8  | 291.2                                  | 544.3   | 527.6           | 21.6   | 2,203.7   |
|                         | 2019 | -                               | 214.4         | 98.0         | 487.8  | 305.5                                  | 562.3   | 538.9           | 23.5   | 2,230.4   |
| Thailand                | 2017 | 11,783.3                        | 6,107.5       | 2,160.2      | 9,099.1  | 1,451.9                                | 1,092.4   | 586.8           | 1,255.6  | 33,536.8  |
|                         | 2018 | 12,168.3                        | 6,258.6       | 2,112.4      | 9,104.4  | 1,458.9                                | 1,071.6   | 560.0           | 1,282.6  | 34,016.8  |
|                         | 2019 | 11,820.9                        | 6,124.7       | 2,191.2      | 9,095.4  | 1,497.5                                | 1,097.2   | 601.5           | 1,335.7  | 33,764.0  |
| Viet Nam                | 2017 | 21,564.8                        | 9,316.0       | 4,027.7      | 9,393.9  | 2,090.4                                | 610.4   | 4,605.1         | 2,095.1  | 53,703.4  |
|                         | 2018 | 20,465.1                        | 9,717.4       | 4,273.3      | 10,076.1   | 2,095.3                                | 689.3   | 4,739.6         | 2,193.2  | 54,249.4  |
|                         | 2019 | 18,979.9                        | 10,952.1      | 4,567.4      | 10,061.1   | 2,330.0                                | 827.1   | 4,526.8         | 2,412.7  | 54,657.1  |

Source:  
ASEAN Secretariat

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

**Table 3.9. Proportion of Employment in ASEAN by Major Industry Group**

(in percent)

| Country                 | Year | Agriculture, Fishery & Forestry | Manufacturing | Construction | Wholesales & Retail Trade, Restaurants, & Hotels | Transportation, Storage, Communication | Finance, Insurance, Real Estate and Business Services | Public Services | Others (Mining & Quarrying, Electricity, Gas & Water, Unknown) | Total |
|-------------------------|------|---------------------------------|---------------|--------------|--|--|---|-----------------|--|-------|
| Brunei Darussalam       | 2017 | 1.4                             | 3.8           | 5.5          | 21.3   | 5.3                                    | 2.7   | 33.2            | 26.9   | 100.0 |
|                         | 2018 | 1.1                             | 4.0           | 10.2         | 21.0   | 5.0                                    | 2.3   | 29.3            | 27.1   | 100.0 |
|                         | 2019 | 1.9                             | 4.2           | 8.3          | 25.1   | 4.9                                    | 2.3   | 26.9            | 26.4   | 100.0 |
| Cambodia                | 2010 | 59.3                            | 7.9           | 2.5          | 12.1   | 2.8                                    | 0.3   | 2.7             | 12.4   | 100.0 |
|                         | 2011 | 58.5                            | 9.2           | 2.7          | 11.3   | 2.9                                    | 0.4   | 2.6             | 12.4   | 100.0 |
|                         | 2012 | 49.2                            | 11.8          | 4.5          | 15.3   | 4.0                                    | 0.4   | 2.9             | 11.9   | 100.0 |
| Indonesia               | 2017 | 29.7                            | 14.5          | 6.7          | 24.3   | 4.9                                    | 3.1   | 10.2            | 6.7  | 100.0 |
|                         | 2018 | 28.8                            | 14.7          | 6.7          | 24.8   | 5.1                                    | 3.1   | 10.2            | 6.7  | 100.0 |
|                         | 2019 | 27.3                            | 15.0          | 6.7          | 25.5   | 5.1                                    | 3.2   | 10.4            | 6.8  | 100.0 |
| Lao PDR                 | 2010 | 76.5                            | 5.4           | 2.5          | 9.5  | 1.1                                    | 0.3   | 4.7             | -  | 100.0 |
|                         | 2015 | 78.9                            | 3.9           | 3.3          | 5.8  | 0.9                                    | 0.4   | 7.0             | -  | 100.0 |
|                         | 2017 | 45.4                            | 11.5          | 6.8          | 27.1   | 3.2                                    | 0.9   | 2.0             | 3.0  | 100.0 |
| Malaysia                | 2017 | 14.0                            | 21.6          | 10.8         | 32.7   | 7.5                                    | 3.9   | 6.4             | 3.0  | 100.0 |
|                         | 2018 | 13.3                            | 21.2          | 10.7         | 34.1   | 7.8                                    | 3.7   | 6.1             | 3.0  | 100.0 |
|                         | 2019 | 12.1                            | 21.0          | 10.0         | 32.5   | 6.9                                    | 6.4   | 6.3             | 4.9  | 100.0 |
| Myanmar                 | 2015 | 54.2                            | 10.6          | 3.4          | 13.9   | 4.2                                    | -   | 2.2             | 11.5   | 100.0 |
|                         | 2017 | 50.6                            | 10.5          | 4.2          | 17.3   | 4.8                                    | 0.9   | 5.7             | 6.0  | 100.0 |
|                         | 2018 | 47.6                            | 10.6          | 6.1          | 18.0   | 5.2                                    | 0.7   | 4.5             | 7.3  | 100.0 |
| Philippines             | 2017 | 34.7                            | 11.8          | 12.0         | 26.7   | 11.9                                   | 2.3   | -               | 0.7  | 100.0 |
|                         | 2018 | 32.0                            | 12.4          | 13.3         | 26.6   | 12.4                                   | 2.7   | -               | 0.7  | 100.0 |
|                         | 2019 | 22.9                            | 8.5           | 9.8          | 24.4   | 9.1                                    | 1.9   | 6.6             | 16.8   | 100.0 |
| Singapore <sup>1)</sup> | 2017 | -                               | 10.3          | 4.6          | 22.6   | 13.1                                   | 24.6  | 23.9            | 1.0  | 100.0 |
|                         | 2018 | -                               | 10.4          | 4.7          | 22.1   | 13.2                                   | 24.7  | 23.9            | 1.0  | 100.0 |
|                         | 2019 | -                               | 9.6           | 4.4          | 21.9   | 13.7                                   | 25.2  | 24.2            | 1.1  | 100.0 |
| Thailand                | 2017 | 35.1                            | 18.2          | 6.4          | 27.1   | 4.3                                    | 3.3   | 1.7             | 3.7  | 100.0 |
|                         | 2018 | 35.8                            | 18.4          | 6.2          | 26.8   | 4.3                                    | 3.2   | 1.6             | 3.8  | 100.0 |
|                         | 2019 | 35.0                            | 18.1          | 6.5          | 26.9   | 4.4                                    | 3.2   | 1.8             | 4.0  | 100.0 |
| Viet Nam                | 2017 | 40.2                            | 17.3          | 7.5          | 17.5   | 3.9                                    | 1.1   | 8.6             | 3.9  | 100.0 |
|                         | 2018 | 37.7                            | 17.9          | 7.9          | 18.6   | 3.9                                    | 1.3   | 8.7             | 4.0  | 100.0 |
|                         | 2019 | 34.7                            | 20.0          | 8.4          | 18.4   | 4.3                                    | 1.5   | 8.3             | 4.4  | 100.0 |

Source:  
ASEAN Secretariat

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

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

(in thousand)

| Occupation  | Brunei Darussalam (2019) | Cambodia (2012) | Indonesia (2019) | Lao PDR (2017) | Malaysia (2019) | Myanmar (2018)  | Philippines (2019) | Singapore <sup>1)</sup> (2019) | Thailand (2019) | Viet Nam (2019) |
|---|--------------------------|-----------------|------------------|----------------|-----------------|-----------------|--------------------|--------------------------------|-----------------|-----------------|
| Professionals, technical and related workers                                | 68.5                     | 277.8           | 9,647.0          | 138.3          | 3,457.4         | 1,032.7         | 4,133.9            | 956.1                          | 2,117.2         | 6,307.9         |
| Administrative, executive and managerial workers                            | 17.1                     | 61.9            | 1,936.1          | 189.4          | 694.5           | 112.3           | 4,839.6            | 343.6                          | 1,378.5         | 541.9           |
| Clerical and related workers  | 22.4                     | 200.0           | 7,554.8          | 33.6           | 1,272.1         | 381.7           | 2,580.9            | 233.6                          | 1,696.6         | 1,073.6         |
| Services and sales workers  | 44.9                     | 1,288.1         | 32,222.9         | 180.3          | 3,411.6         | 3,996.1         | 7,804.9            | 261.6                          | 7,573.0         | 9,539.0         |
| Agricultural, animal husbandry and forestry workers; fishermen and hunters  | 1.6                      | 3,365.7         | 33,611.6         | 696.7          | 932.8           | 8,643.3         | 4,995.9            | 0.0                            | 10,833.3        | 4,089.6         |
| Production and related workers, transport equipment operators and labourers | 32.3                     | 1,401.0         | 39,302.2         | 275.5          | 3,442.5         | 3,973.7         | 6,637.7            | 221.3                          | 7,967.2         | 14,063.0        |
| Others  | 35.0                     | 1,321.1         | 2,240.5          | 135.4          | 1,862.5         | 4,310.4         | 11,435.5           | 214.2                          | 6,047.6         | 18,931.7        |
| <b>Total</b>  | <b>221.8</b>             | <b>7,915.7</b>  | <b>126,515.1</b> | <b>1,649.2</b> | <b>15,073.4</b> | <b>22,450.0</b> | <b>42,428.4</b>    | <b>2,230.4</b>                 | <b>37,613.4</b> | <b>54,546.8</b> |

 Source:  
 ASEAN Secretariat

 Note:  
 1) Data for Singapore refer to resident only

**Table 3.11. Proportion of Employment in ASEAN by Occupation**

(in percent)

| Occupation  | Brunei Darussalam (2019) | Cambodia (2012) | Indonesia (2019) | Lao PDR (2017) | Malaysia (2019) | Myanmar (2018) | Philippines (2019) | Singapore <sup>1)</sup> (2019) | Thailand (2019) | Viet Nam (2019) |
|---|--------------------------|-----------------|------------------|----------------|-----------------|----------------|--------------------|--------------------------------|-----------------|-----------------|
| Professionals, technical and related workers                                | 30.9                     | 3.5             | 7.6              | 8.4            | 22.9            | 4.6            | 9.7                | 42.9                           | 5.6             | 11.6            |
| Administrative, executive and managerial workers                            | 7.7                      | 0.8             | 1.5              | 11.5           | 4.6             | 0.5            | 11.4               | 15.4                           | 3.7             | 1.0             |
| Clerical and related workers  | 10.1                     | 2.5             | 6.0              | 2.0            | 8.4             | 1.7            | 6.1                | 10.5                           | 4.5             | 2.0             |
| Services and sales workers  | 20.2                     | 16.3            | 25.5             | 10.9           | 22.6            | 17.8           | 18.4               | 11.7                           | 20.1            | 17.5            |
| Agricultural, animal husbandry and forestry workers; fishermen and hunters  | 0.7                      | 42.5            | 26.6             | 42.2           | 6.2             | 38.5           | 11.8               | 0.0                            | 28.8            | 7.5             |
| Production and related workers, transport equipment operators and labourers | 14.6                     | 17.7            | 31.1             | 16.7           | 22.8            | 17.7           | 15.6               | 9.9                            | 21.2            | 25.8            |
| Others  | 15.8                     | 16.7            | 1.8              | 8.2            | 12.4            | 19.2           | 27.0               | 9.6                            | 16.1            | 34.7            |
| <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>                   | <b>100.0</b>    | <b>100.0</b>    |

 Source:  
 ASEAN Secretariat

 Note:  
 1) Data for Singapore refer to resident only









**Table 4.1. GDP at Current Prices in National Currency in ASEAN, 2010-2019**

(in billions)

| Country           | GDP at Current Prices |             |             |             |              |              |              |              |              |              |
|-------------------|-----------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                   | 2010                  | 2011        | 2012        | 2013        | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |
| Brunei Darussalam | 18.7                  | 23.3        | 23.8        | 22.6        | 21.7         | 17.8         | 15.8         | 16.7         | 18.3         | 18.4         |
| Cambodia          | 47,048.0              | 52,068.7    | 56,616.8    | 62,219.5    | 67,740.4     | 73,422.7     | 81,241.9     | 88,982.6     | 99,544.3     | 110,014.0    |
| Indonesia         | 6,446,851.9           | 7,419,187.1 | 8,230,925.9 | 9,546,134.0 | 10,569,705.3 | 11,526,332.8 | 12,401,728.5 | 13,589,825.7 | 14,838,311.5 | 15,833,943.4 |
| Lao PDR           | 55,694.0              | 64,727.1    | 81,610.0    | 93,868.0    | 106,797.0    | 117,252.0    | 129,279.0    | 140,697.7    | 152,414.2    | 164,147.1    |
| Malaysia          | 821.4                 | 911.7       | 971.3       | 1,018.6     | 1,106.4      | 1,176.9      | 1,249.7      | 1,371.6      | 1,446.9      | 1,510.8      |
| Myanmar           | 39,776.8              | 46,307.9    | 51,259.3    | 58,011.6    | 65,261.9     | 72,714.0     | 79,760.1     | 90,450.9     | 105,482.3    | 105,258.5    |
| Philippines       | 9,399.5               | 10,144.7    | 11,060.6    | 12,050.6    | 13,206.8     | 13,944.2     | 15,132.4     | 16,556.7     | 18,265.2     | 19,516.4     |
| Singapore         | 327.0                 | 351.4       | 368.8       | 384.9       | 398.9        | 423.4        | 440.2        | 472.1        | 503.4        | 507.6        |
| Thailand          | 10,808.1              | 11,306.9    | 12,357.3    | 12,915.2    | 13,230.3     | 13,743.5     | 14,592.6     | 15,486.6     | 16,365.6     | 16,879.0     |
| Viet Nam          | 2,157,828.5           | 2,779,880.2 | 3,245,419.2 | 3,584,261.6 | 3,937,856.1  | 4,192,862.3  | 4,502,733.0  | 5,005,975.5  | 5,542,331.9  | 6,037,348.0  |

Source:  
ASEAN Secretariat

**Table 4.2. GDP at Constant Prices in National Currency in ASEAN, 2010-2019**

(in billions)

| Country           | GDP at Constant Prices |             |             |             |             |             |             |             |              |              |
|-------------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
|                   | 2010                   | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018         | 2019         |
| Brunei Darussalam | 18.7                   | 19.4        | 19.6        | 19.2        | 18.7        | 18.6        | 18.1        | 18.4        | 18.4         | 19.1         |
| Cambodia          | 30,403.3               | 32,552.7    | 34,916.5    | 37,528.2    | 40,182.0    | 43,009.3    | 45,969.4    | 49,176.9    | 52,850.0     | 56,578.1     |
| Indonesia         | 2,314,458.8            | 2,464,566.1 | 2,618,932.0 | 8,156,497.8 | 8,564,866.6 | 8,982,517.1 | 9,434,613.4 | 9,912,928.1 | 10,425,397.3 | 10,949,243.7 |
| Lao PDR           | 31,500.9               | 34,033.7    | 81,610.0    | 88,160.0    | 94,871.0    | 101,768.0   | 108,915.0   | 116,376.8   | 123,695.6    | 131,655.0    |
| Malaysia          | 821.4                  | 864.9       | 912.3       | 955.1       | 1,012.4     | 1,176.9     | 1,229.3     | 1,299.9     | 1,361.5      | 1,421.5      |
| Myanmar           | 39,776.8               | 42,000.9    | 45,080.7    | 48,879.2    | 52,785.2    | 56,476.2    | 59,787.1    | 63,827.9    | 68,168.2     | 89,147.3     |
| Philippines       | 11,183.9               | 11,615.4    | 12,416.5    | 13,254.6    | 14,096.0    | 14,990.9    | 16,062.7    | 17,176.0    | 18,265.2     | 19,368.5     |
| Singapore         | 322.4                  | 342.4       | 355.7       | 373.5       | 386.8       | 423.3       | 437.1       | 456.1       | 471.9        | 475.3        |
| Thailand          | 8,232.4                | 8,301.6     | 8,902.8     | 9,142.1     | 9,232.1     | 9,521.4     | 9,847.9     | 10,248.4    | 10,673.7     | 10,926.9     |
| Viet Nam          | 2,157,828.5            | 2,292,483.4 | 2,412,778.4 | 2,543,596.2 | 2,695,795.7 | 2,875,856.2 | 3,054,470.2 | 3,262,547.6 | 3,493,398.9  | 3,738,546.0  |

Source:  
ASEAN Secretariat

**Table 4.3. Rate of Economic Growth<sup>1</sup> in ASEAN, 2010-2019**

(in percent)

| Country                   | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       | 2019       | 2010-2019  |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Brunei Darussalam         | 2.6        | 3.7        | 0.9        | -2.1       | -2.5       | -0.4       | -2.5       | 1.3        | 0.1        | 3.9        | 0.2        |
| Cambodia                  | 6.0        | 7.1        | 7.3        | 7.5        | 7.1        | 7.0        | 6.9        | 7.0        | 7.5        | 7.1        | 7.1        |
| Indonesia                 | 6.2        | 6.5        | 6.3        | 5.6        | 5.0        | 4.9        | 5.0        | 5.1        | 5.2        | 5.0        | 4.8        |
| Lao PDR                   | 8.1        | 8.0        | 7.9        | 8.0        | 7.6        | 7.3        | 7.0        | 6.9        | 6.3        | 6.4        | 6.5        |
| Malaysia                  | 7.4        | 5.3        | 5.5        | 4.7        | 6.0        | 5.0        | 4.4        | 5.7        | 4.7        | 4.4        | 6.3        |
| Myanmar                   | 9.6        | 5.6        | 7.3        | 8.4        | 8.0        | 7.0        | 5.9        | 6.8        | 6.8        | 6.2        | 9.4        |
| Philippines               | 7.3        | 3.9        | 6.9        | 6.8        | 6.3        | 6.3        | 7.1        | 6.9        | 6.3        | 6.0        | 6.3        |
| Singapore                 | 15.2       | 6.4        | 4.1        | 5.1        | 3.9        | 2.2        | 3.3        | 4.3        | 3.5        | 0.7        | 4.4        |
| Thailand                  | 7.5        | 0.8        | 7.2        | 2.7        | 1.0        | 3.1        | 3.4        | 4.1        | 4.2        | 2.4        | 3.2        |
| Viet Nam                  | 6.4        | 6.2        | 5.2        | 5.4        | 6.0        | 6.7        | 6.2        | 6.8        | 7.1        | 7.0        | 6.3        |
| <b>ASEAN<sup>2)</sup></b> | <b>7.5</b> | <b>5.1</b> | <b>6.2</b> | <b>5.1</b> | <b>4.7</b> | <b>4.8</b> | <b>5.0</b> | <b>5.4</b> | <b>5.3</b> | <b>4.7</b> | <b>5.2</b> |

Source:  
ASEAN Secretariat

Note:

1) Computed based on Table 4.2 (GDP Constant Price)

2) ASEAN GDP growth is calculated as a weighted average using PPP-GDP share as used in the IMF-WEO Database of October 2020

**Table 4.4. GDP at Current Prices in USD<sup>1)</sup> in ASEAN, 2010-2019**

(in million US\$)

| Country                   | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam         | 13,741.1           | 18,534.2           | 19,049.6           | 18,100.5           | 17,102.6           | 12,943.2           | 11,447.6           | 12,136.0           | 13,567.7           | 13,483.2           |
| Cambodia                  | 11,229.3           | 12,803.9           | 14,010.9           | 15,442.9           | 16,763.6           | 18,091.1           | 19,426.6           | 22,041.8           | 24,608.7           | 27,102.1           |
| Indonesia                 | 710,068.3          | 846,522.6          | 874,638.9          | 904,691.9          | 889,384.6          | 855,020.1          | 930,836.5          | 1,014,003.2        | 1,039,929.1        | 1,121,298.3        |
| Lao PDR                   | 6,752.0            | 8,060.6            | 10,192.5           | 11,955.3           | 13,274.1           | 14,420.1           | 15,893.3           | 16,952.8           | 18,095.7           | 18,843.7           |
| Malaysia                  | 250,772.9          | 298,141.8          | 314,895.1          | 322,159.3          | 337,455.7          | 299,483.8          | 298,681.1          | 321,538.9          | 358,411.7          | 364,420.4          |
| Myanmar <sup>2)</sup>     | 41,003.6           | 56,502.0           | 60,281.7           | 61,862.6           | 66,331.1           | 59,795.3           | 64,632.3           | 67,268.0           | 76,330.5           | 66,499.6           |
| Philippines               | 208,752.9          | 234,227.9          | 262,284.0          | 280,771.9          | 297,831.8          | 306,213.1          | 318,375.0          | 328,781.6          | 344,893.2          | 377,116.2          |
| Singapore                 | 239,809.4          | 279,328.6          | 295,083.8          | 307,578.0          | 314,849.5          | 308,001.9          | 318,654.2          | 341,912.9          | 373,134.1          | 372,062.5          |
| Thailand                  | 341,518.9          | 370,932.8          | 397,764.0          | 420,616.2          | 407,303.5          | 401,658.3          | 413,453.6          | 456,818.7          | 506,554.4          | 543,957.7          |
| Viet Nam                  | 116,299.9          | 135,541.1          | 155,820.0          | 171,219.3          | 186,223.6          | 193,628.4          | 205,438.9          | 223,837.1          | 241,038.8          | 261,586.5          |
| <b>ASEAN<sup>3)</sup></b> | <b>1,939,948.4</b> | <b>2,260,595.6</b> | <b>2,404,020.4</b> | <b>2,514,397.7</b> | <b>2,546,520.3</b> | <b>2,469,255.2</b> | <b>2,596,838.9</b> | <b>2,805,290.8</b> | <b>2,996,563.9</b> | <b>3,166,370.2</b> |

Source:  
ASEAN Secretariat

Notes:

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

**Table 4.5. GDP per Capita at Current Prices in USD<sup>1)</sup> in ASEAN, 2010-2019**

(in US\$)

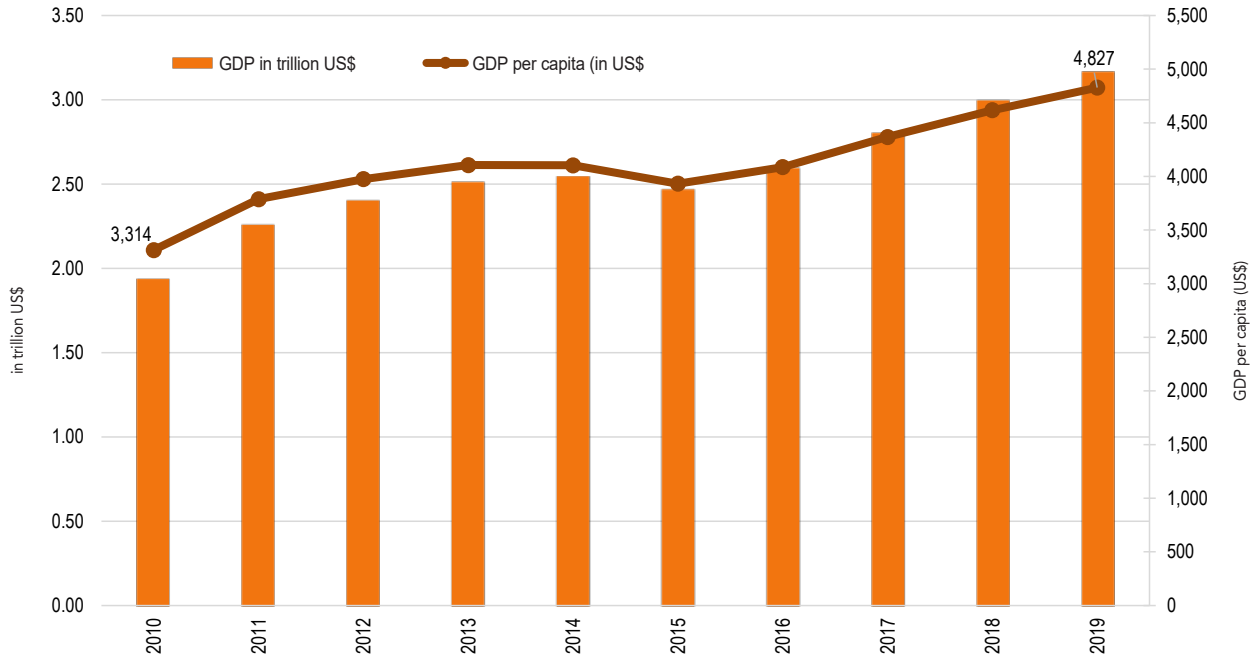
| Country                   | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Brunei Darussalam         | 35,525.2       | 47,116.2       | 47,647.8       | 44,560.5       | 41,521.3       | 31,385.0       | 27,435.5       | 28,806.0       | 30,668.4       | 29,343.3       |
| Cambodia                  | 785.1          | 881.7          | 950.4          | 1,052.2        | 1,122.6        | 1,190.9        | 1,257.1        | 1,402.4        | 1,539.8        | 1,663.8        |
| Indonesia                 | 3,032.1        | 3,498.2        | 3,563.8        | 3,636.0        | 3,527.0        | 3,347.0        | 3,598.1        | 3,879.8        | 3,936.7        | 4,201.0        |
| Lao PDR                   | 1,079.3        | 1,262.4        | 1,564.6        | 1,799.4        | 1,949.5        | 2,161.4        | 2,341.7        | 2,456.6        | 2,580.3        | 2,645.4        |
| Malaysia                  | 8,771.8        | 10,258.8       | 10,670.8       | 10,662.7       | 10,989.0       | 9,603.1        | 9,441.9        | 10,041.0       | 11,068.2       | 11,184.9       |
| Myanmar <sup>2)</sup>     | 811.4          | 1,126.7        | 1,189.8        | 1,208.6        | 1,275.8        | 1,140.0        | 1,221.4        | 1,260.0        | 1,423.4        | 1,229.2        |
| Philippines               | 2,241.4        | 2,470.1        | 2,717.7        | 2,859.3        | 2,981.9        | 3,015.0        | 3,083.7        | 3,133.6        | 3,235.4        | 3,483.0        |
| Singapore                 | 47,237.3       | 53,886.0       | 55,546.2       | 56,967.3       | 57,562.5       | 55,646.2       | 56,828.4       | 60,922.6       | 66,174.1       | 65,233.3       |
| Thailand                  | 5,180.7        | 5,602.0        | 5,982.2        | 6,300.9        | 6,078.9        | 5,973.9        | 6,129.4        | 6,752.4        | 7,467.8        | 8,006.6        |
| Viet Nam                  | 1,335.7        | 1,537.7        | 1,746.8        | 1,898.4        | 2,041.8        | 2,099.4        | 2,203.1        | 2,374.0        | 2,527.0        | 2,711.2        |
| <b>ASEAN<sup>3)</sup></b> | <b>3,313.6</b> | <b>3,787.4</b> | <b>3,975.1</b> | <b>4,105.2</b> | <b>4,103.5</b> | <b>3,932.3</b> | <b>4,086.5</b> | <b>4,367.7</b> | <b>4,616.8</b> | <b>4,827.4</b> |

Source:  
ASEAN Secretariat

Notes:

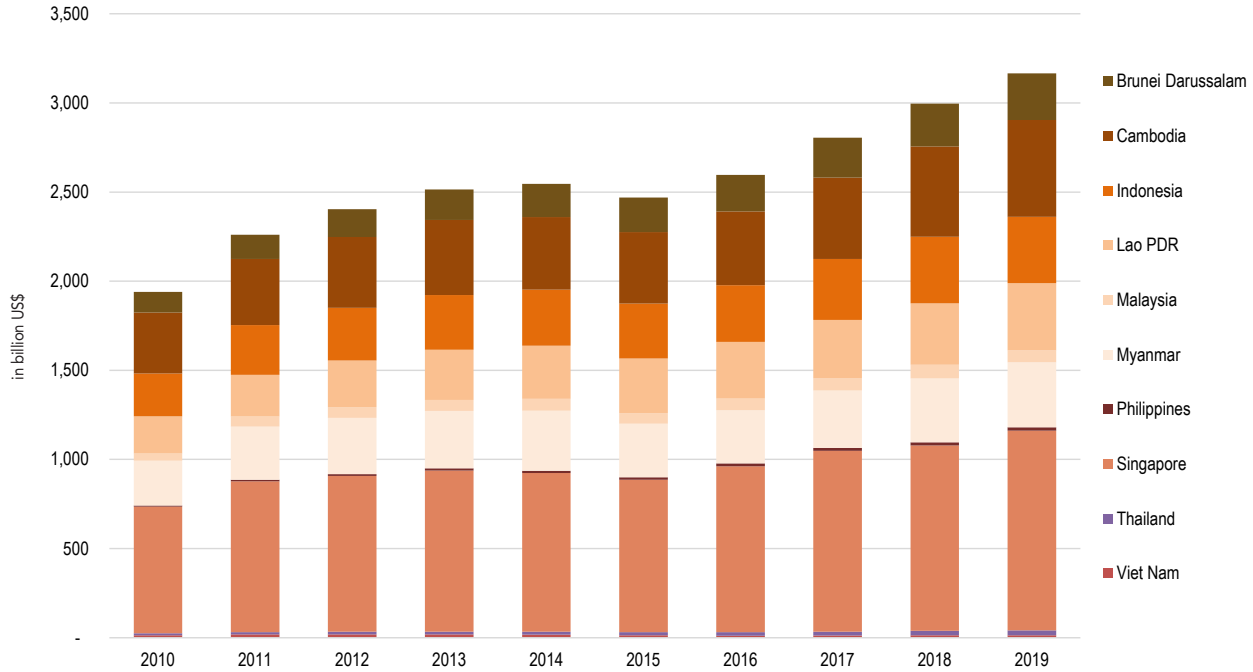
- 1) Computed based on Table 4.1, using period average exchange rate
- 2) Myanmar figures are calculated using the exchange rates as used in the IMF-WEO Database of October 2019
- 3) As a proxy, the combined GDP per capita as GDP at current price divided by number of population

Chart 4.1. ASEAN GDP (trillion US\$) and GDP per capita (US\$), 2010-2019



Source: ASEAN Secretariat

**Chart 4.2. Total GDP (billion US\$) by ASEAN Member States, 2010-2019**



Source: ASEAN Secretariat

**Table 4.6. ASEAN GDP Share of Major Group of Economic Sectors<sup>1)</sup>, 2017-2019**

(in percent)

| Country           | 2017        |          |          |           |       | 2018        |          |          |           |       | 2019        |          |          |           |       |
|-------------------|-------------|----------|----------|-----------|-------|-------------|----------|----------|-----------|-------|-------------|----------|----------|-----------|-------|
|                   | Agriculture | Industry | Services | Balancing | A+I+S | Agriculture | Industry | Services | Balancing | A+I+S | Agriculture | Industry | Services | Balancing | A+I+S |
| Brunei Darussalam | 0.8         | 63.2     | 37.9     | -1.9      | 100.0 | 0.8         | 62.9     | 38.2     | -1.9      | 100.0 | 0.8         | 63.1     | 37.9     | -1.8      | 100.0 |
| Cambodia          | 19.1        | 34.0     | 39.6     | 7.4       | 100.0 | 18.0        | 35.3     | 39.3     | 7.5       | 100.0 | 16.7        | 36.6     | 39.0     | 7.7       | 100.0 |
| Indonesia         | 12.7        | 40.2     | 43.3     | 3.9       | 100.0 | 12.5        | 39.8     | 43.6     | 4.0       | 100.0 | 12.4        | 39.4     | 44.1     | 4.1       | 100.0 |
| Lao PDR           | 15.3        | 35.2     | 39.4     | 10.2      | 100.0 | 14.5        | 35.7     | 39.6     | 10.2      | 100.0 | 14.0        | 35.9     | 39.9     | 10.2      | 100.0 |
| Malaysia          | 7.6         | 38.0     | 52.9     | 1.4       | 100.0 | 7.3         | 37.5     | 54.0     | 1.2       | 100.0 | 7.1         | 36.7     | 55.0     | 1.1       | 100.0 |
| Myanmar           | 25.8        | 31.7     | 42.6     | 0.0       | 100.0 | 24.6        | 32.1     | 43.2     | 0.1       | 100.0 | 22.3        | 36.0     | 41.7     | 0.0       | 100.0 |
| Philippines       | 10.1        | 30.3     | 59.6     | 0.0       | 100.0 | 9.7         | 30.6     | 59.8     | 0.0       | 100.0 | 9.2         | 30.2     | 60.6     | 0.0       | 100.0 |
| Singapore         | 0.0         | 24.7     | 64.6     | 10.7      | 100.0 | 0.0         | 25.0     | 64.6     | 10.4      | 100.0 | 0.0         | 24.7     | 64.8     | 10.5      | 100.0 |
| Thailand          | 6.2         | 35.7     | 59.9     | -1.9      | 100.0 | 6.3         | 35.2     | 60.5     | -2.0      | 100.0 | 6.2         | 34.5     | 61.7     | -2.3      | 100.0 |
| Viet Nam          | 14.8        | 35.0     | 38.8     | 11.4      | 100.0 | 14.3        | 35.6     | 38.8     | 11.3      | 100.0 | 13.7        | 36.2     | 38.9     | 11.3      | 100.0 |

Source:  
ASEAN Secretariat

Notes :

1) Major group of economic sectors:

a. Agriculture comprises: Fishing, Forestry

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

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

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

**Table 4.7. Inflation Rates in ASEAN, Year-on-Year End of Period, 2010-2019**

(in percent)

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | -2.1 | 1.8  | 0.4  | 0.2  | -0.2 | -1.0 | -1.6 | -0.1 | 0.0  | 0.3  |
| Cambodia          | 3.1  | 4.9  | 2.5  | 4.6  | 2.4  | 2.8  | 3.9  | 2.3  | 1.6  | 3.1  |
| Indonesia         | 7.0  | 3.8  | 4.3  | 8.4  | 2.7  | 3.4  | 3.0  | 3.6  | 3.1  | 2.7  |
| Lao PDR           | 5.8  | 7.7  | 4.7  | 6.6  | 2.4  | 0.9  | 2.5  | 0.1  | 1.5  | 6.3  |
| Malaysia          | 2.2  | 3.0  | 1.2  | 3.2  | 2.7  | 2.7  | 1.8  | 3.4  | 0.2  | 1.0  |
| Myanmar           | -    | 0.7  | 6.0  | 4.4  | -0.1 | 10.3 | 6.6  | 4.0  | 6.8  | 9.5  |
| Philippines       | 3.6  | 4.2  | 3.0  | 4.1  | 2.7  | 1.5  | 2.6  | 3.3  | 6.6  | 2.5  |
| Singapore         | 4.6  | 5.5  | 4.3  | 1.5  | -0.1 | -0.6 | 0.2  | 0.3  | 0.5  | 0.8  |
| Thailand          | 3.0  | 3.5  | 3.6  | 1.7  | 0.6  | -0.9 | 1.1  | 0.8  | 0.4  | 0.9  |
| Viet Nam          | 11.8 | 18.1 | 6.8  | 6.0  | 1.8  | 0.6  | 4.7  | 2.8  | 2.7  | 5.2  |

Source:  
ASEAN Secretariat

**Table 4.8. Inflation Rates in ASEAN, Year-on-Year Average of Period, 2010-2019**

(in percent)

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 0.4  | 1.7  | -5.9 | 0.4  | -0.2 | -0.4 | -0.7 | -0.2 | 0.1  | -0.3 |
| Cambodia          | 4.0  | 5.5  | 2.9  | 2.9  | 3.9  | 1.3  | 3.0  | 2.2  | 2.5  | 1.9  |
| Indonesia         | 5.1  | 5.4  | 4.3  | 7.0  | 8.4  | 6.4  | 3.5  | 3.6  | 3.2  | 3.0  |
| Lao PDR           | 6.0  | 7.6  | 4.3  | 6.4  | 4.2  | 1.3  | 1.6  | 0.8  | 2.0  | 3.3  |
| Malaysia          | 1.7  | 3.2  | 1.7  | 2.1  | 4.2  | 2.1  | 2.1  | 3.7  | 0.9  | 0.7  |
| Myanmar           | 8.2  | 2.8  | 2.8  | 5.7  | 5.5  | 10.8 | 7.0  | 4.5  | 6.9  | 8.8  |
| Philippines       | 3.8  | 4.7  | 3.2  | 2.9  | 4.2  | 1.4  | 1.8  | 3.2  | 5.3  | 2.5  |
| Singapore         | 2.8  | 5.3  | 4.6  | 2.4  | 1.0  | -0.5 | -0.5 | 0.6  | 0.4  | 0.6  |
| Thailand          | 3.3  | 3.8  | 3.0  | 2.2  | 1.9  | -0.9 | 0.2  | 0.7  | 1.1  | 0.7  |
| Viet Nam          | 9.2  | 18.6 | 9.1  | 6.6  | 4.1  | 0.6  | 2.7  | 3.5  | 3.5  | 2.8  |

Source:  
ASEAN Secretariat

**Table 4.9. Foreign Exchange Rates in ASEAN, Average of Period<sup>1)</sup>, 2010-2019**

(National currency per US\$)

| Country               | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     | 2019     |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Brunei Darussalam     | 1.4      | 1.3      | 1.2      | 1.2      | 1.3      | 1.4      | 1.4      | 1.4      | 1.3      | 1.4      |
| Cambodia              | 4,189.8  | 4,066.6  | 4,040.9  | 4,029.0  | 4,040.9  | 4,058.5  | 4,182.0  | 4,037.0  | 4,045.1  | 4,061.1  |
| Indonesia             | 9,085.8  | 8,767.6  | 9,410.6  | 10,585.9 | 11,884.5 | 13,481.8 | 13,327.5 | 13,401.0 | 14,267.3 | 14,147.7 |
| Lao PDR               | 8,248.5  | 8,030.1  | 8,006.9  | 7,851.6  | 8,045.5  | 8,131.1  | 8,134.2  | 8,299.4  | 8,422.7  | 8,679.4  |
| Malaysia              | 3.3      | 3.1      | 3.1      | 3.2      | 3.3      | 3.9      | 4.2      | 4.3      | 4.0      | 4.1      |
| Myanmar <sup>2)</sup> | 970.1    | 819.6    | 850.3    | 937.8    | 983.9    | 1,216.1  | 1,234.1  | 1,356.7  | 1,365.2  | 1,518.3  |
| Philippines           | 45.1     | 43.3     | 42.2     | 42.9     | 44.3     | 45.5     | 47.5     | 50.3     | 53.0     | 51.8     |
| Singapore             | 1.4      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      | 1.4      | 1.4      | 1.3      | 1.4      |
| Thailand              | 31.7     | 30.5     | 31.1     | 30.7     | 32.5     | 34.2     | 35.3     | 33.9     | 32.3     | 31.0     |
| Viet Nam              | 18,554.0 | 20,509.5 | 20,828.0 | 20,933.8 | 21,130.5 | 21,620.7 | 21,908.8 | 22,343.8 | 22,982.3 | 23,050.2 |

Source:  
ASEAN Secretariat

Note:

- 1) Average for the year was computed as a simple average of the quarterly averages
  - 2) Myanmar figures (average period) are based on the exchange rates used in the IMF-WEO Database of October 2020
- Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM); Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong

**Table 4.10. Foreign Exchange Rates in ASEAN, End of Period, 2010-2019**

(National currency per US\$)

| Country           | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     | 2019     |
|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Brunei Darussalam | 1.4      | 1.4      | 1.4      | 1.3      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      | 1.3      |
| Cambodia          | 4,004.0  | 4,121.0  | 4,185.5  | 4,050.5  | 4,061.5  | 3,995.0  | 3,995.0  | 4,075.0  | 4,051.7  | 4,075.0  |
| Indonesia         | 9,419.0  | 10,950.0 | 9,400.0  | 8,991.0  | 9,069.0  | 9,793.0  | 12,173.0 | 13,477.0 | 14,567.0 | 13,866.0 |
| Lao PDR           | 9,385.0  | 8,514.0  | 8,471.0  | 8,039.0  | 8,016.2  | 7,996.6  | 8,015.2  | 8,078.2  | 8,152.9  | 8,861.0  |
| Malaysia          | 3.3      | 3.5      | 3.4      | 3.1      | 3.2      | 3.1      | 3.3      | 3.5      | 4.1      | 4.1      |
| Myanmar           | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| Philippines       | 43.9     | 43.9     | 41.2     | 44.4     | 44.6     | 47.2     | 49.8     | 49.9     | 52.7     | 50.7     |
| Singapore         | 1.4      | 1.4      | 1.4      | 1.3      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      | 1.3      |
| Thailand          | 33.7     | 34.9     | 33.3     | 30.2     | 31.7     | 30.6     | 32.3     | 32.7     | 36.0     | 30.1     |
| Viet Nam          | 16,114.0 | 16,977.0 | 17,941.0 | 18,932.0 | 20,828.0 | 20,828.0 | 21,036.0 | 21,246.0 | 21,890.0 | 23,155.0 |

Source:  
ASEAN Secretariat

Note:

- Brunei Darussalam: Brunei dollar (B\$); Cambodia: Riel; Indonesia: Rupiah (Rp); Lao PDR: Kip; Malaysia: Ringgit (RM); Myanmar: Kyat; Philippines: Peso (PhP); Singapore: Singapore dollar (S\$); Thailand: Baht; Viet Nam: Dong
- '-' not available at the time of publication



**Table 4.11. Interest Rates in ASEAN: 3-Month Deposit<sup>1)</sup>, 2010-2019**

| Country           | 2010      | 2011        | 2012       | 2013       | 2014       | 2015       | 2016       | 2017  | 2018  | 2019 |
|-------------------|-----------|-------------|------------|------------|------------|------------|------------|-------|-------|------|
| Brunei Darussalam | 0.40      | 0.40        | 0.23       | 0.28       | 0.30       | 0.34       | 0.33       | 0.32  | 0.35  | 0.34 |
| Cambodia          | 4.50      | 4.33        | 4.08       | 4.03       | 4.19       | 4.71       | 4.84       | 3.29  | 3.91  | 1.44 |
| Indonesia         | 7.06      | 6.81        | 5.76       | 7.61       | 8.94       | 7.99       | 6.69       | 6.10  | 6.84  | 6.30 |
| Lao PDR           | 5.51      | 5.42        | 5.17       | 5.41       | 3.07       | 4.47       | 3.05       | 3.04  | 3.02  | 4.00 |
| Malaysia          | 2.74      | 2.99        | 2.97       | 2.97       | 3.13       | 3.13       | 2.92       | 2.94  | 3.15  | 2.98 |
| Myanmar           | 10.50     | 8.00-10.00  | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 10.00 | 11.00 | 8.00 |
| Philippines       | 3.00      | 4.00        | 3.03       | 1.17       | 1.64       | 1.78       | 1.60       | 2.60  | 4.10  | 4.08 |
| Singapore         | 0.19      | 0.14        | 0.14       | 0.14       | 0.14       | 0.18       | 0.19       | 4.19  | 8.19  | 0.20 |
| Thailand          | 0.95-1.30 | 1.85 - 2.25 | 1.60-2.05  | 1.50-2.50  | 1.00-2.50  | 0.25-2.00  | 1.06       | 1.00  | 2.00  | 1.42 |
| Viet Nam          | 13.25     | 14.00       | 10.50      | 7.14       | 4.64       | 5.09       | 5.08       | 4.65  | 5.65  | 4.98 |

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

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

**Table 4.12. Interest Rates in ASEAN: Minimum Lending Rate<sup>1)</sup>, 2010-2019**

| Country           | 2010      | 2011        | 2012      | 2013        | 2014        | 2015       | 2016       | 2017       | 2018       | 2019  |
|-------------------|-----------|-------------|-----------|-------------|-------------|------------|------------|------------|------------|-------|
| Brunei Darussalam | 5.50      | 5.50        | 5.27      | 5.22        | 5.20        | 5.16       | 5.17       | 5.18       | 5.50       | 5.50  |
| Cambodia          | 22.49     | 19.35       | 11.79     | 15.79       | 19.79       | 23.79      | 20.46      | 17.98      | 16.02      | -     |
| Indonesia         | 12.83     | 12.16       | 11.49     | 12.12       | 12.79       | 12.46      | 11.36      | 10.68      | 10.34      | 10.03 |
| Lao PDR           | 14.47     | 12.24       | 13.89     | 13.49       | 12.83       | 11.75      | 9.40       | 9.26       | 9.20       | -     |
| Malaysia          | 6.27      | 6.53        | 6.53      | 6.53        | 6.79        | 6.79       | 6.65       | 6.68       | 6.91       | 4.88  |
| Myanmar           | 17.00     | 15.00       | 13.00     | 13.00       | 13.00       | 13.00      | 13.00      | 13.00      | 14.00      | 16.00 |
| Philippines       | 6.00      | 6.00        | 5.46      | 5.72        | 5.59        | 6.63       | 10.63      | 14.63      | 18.63      | 7.10  |
| Singapore         | 5.38      | 5.38        | 5.38      | 5.38        | 5.35        | 5.35       | 5.35       | 5.28       | 5.33       | 5.25  |
| Thailand          | 6.12-6.50 | 7.25 - 7.63 | 7.00-7.50 | 7.00-7.40   | 7.28 - 7.88 | 7.10-7.92  | 6.25       | 6.25       | 7.25       | 4.08  |
| Viet Nam          | 14.47     | 18.68       | 13.47     | 11.50-13.00 | 9.50-11.00  | 9.30-10.50 | 9.30-10.30 | 9.30-10.30 | 9.00-11.00 | 7.71  |

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

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

**Table 4.13. Money Growth (M2)<sup>1)</sup> in ASEAN, Year-on-Year end of the period, 2010-2019**

(in percent)

| Country           | M2   |      |      |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|------|------|------|
|                   | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| Brunei Darussalam | 4.8  | 10.0 | 1.0  | 1.4  | 3.2  | -1.8 | 1.5  | -0.4 | 2.8  | 4.3  |
| Cambodia          | 20.0 | 21.5 | 20.9 | 14.6 | 30.0 | 14.7 | 17.9 | 47.3 | 4.2  | 18.2 |
| Indonesia         | 16.0 | 16.4 | 15.0 | 12.8 | 11.9 | 9.0  | 10.0 | 8.3  | 6.3  | 6.5  |
| Lao PDR           | 39.1 | 29.0 | 31.0 | 17.0 | 25.2 | 14.7 | 10.9 | 12.2 | 8.4  | -    |
| Malaysia          | 6.8  | 14.3 | 9.0  | 7.3  | 7.3  | 3.0  | 3.2  | 4.9  | 8.0  | 2.7  |
| Myanmar           | 42.6 | 30.4 | 31.7 | 32.5 | 21.0 | 30.7 | 17.4 | 22.9 | 14.6 | 15.5 |
| Philippines       | 13.0 | 29.2 | 9.6  | 29.5 | 12.2 | 9.3  | 13.4 | 11.4 | 8.7  | 9.8  |
| Singapore         | 8.3  | 10.1 | 7.6  | 4.3  | 3.4  | 1.7  | 7.7  | 3.2  | 1.7  | 5.0  |
| Thailand          | 9.9  | 16.2 | 15.9 | 7.3  | 4.6  | 4.4  | 4.2  | 5.0  | 4.7  | 3.6  |
| Viet Nam          | 33.3 | 7.0  | 15.8 | 21.4 | 19.7 | 14.9 | 17.9 | 13.8 | 12.4 | 13.6 |

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

Note:  
 1) M1 instead of M2 for Malaysia and M4 for Philippines; Myanmar's M2 figure for 2008 is y-o-y growth of Q2 figures.  
 '-' not available at the time of publication

**Table 4.14. Money Growth (M1)<sup>1)</sup> in ASEAN, Year-on-Year end of the period, 2010-2019**

(in percent)

| Country           | M1    |      |      |      |      |      |      |      |       |      |
|-------------------|-------|------|------|------|------|------|------|------|-------|------|
|                   | 2010  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018  | 2019 |
| Brunei Darussalam | -29.2 | 10.9 | 1.5  | 4.0  | -1.5 | 6.5  | -0.1 | -5.7 | -3.0  | 6.6  |
| Cambodia          | 3.2   | 22.8 | 2.3  | 20.6 | 30.4 | 6.7  | 7.2  | 85.9 | -24.4 | 18.0 |
| Indonesia         | 19.7  | 19.4 | 16.4 | 5.4  | 6.2  | 12.0 | 17.3 | 12.4 | 4.8   | 7.4  |
| Lao PDR           | 32.6  | 12.9 | 16.4 | 5.4  | 6.3  | 4.2  | -7.6 | 19.3 | 5.4   | 18.9 |
| Malaysia          | 11.7  | 15.4 | 11.9 | 13.1 | 5.6  | 4.0  | 5.6  | 11.0 | 0.9   | 3.5  |
| Myanmar           | 30.3  | 20.5 | 14.1 | 25.9 | 13.6 | 31.9 | 0.7  | 3.5  | 8.7   | 18.0 |
| Philippines       | 10.6  | 10.9 | 7.7  | 27.3 | 13.2 | 15.2 | 15.1 | 16.1 | 9.1   | 11.3 |
| Singapore         | 20.3  | 16.1 | 7.7  | 9.9  | 3.6  | 0.1  | 7.7  | 6.3  | 0.4   | 5.0  |
| Thailand          | 11.7  | 13.0 | 20.3 | 3.9  | 1.3  | 5.7  | 4.8  | 9.4  | 2.8   | 3.6  |
| Viet Nam          | 10.2  | -0.9 | 21.9 | 27.9 | 21.2 | 18.0 | 18.1 | 12.4 | 9.7   | 12.1 |

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

Note:  
 1) Myanmar's M1 figure for 2008 is y-o-y growth of Q2 figures.

**Table 4.15. Reserve Money in ASEAN, 2010-2019**

(in billions of national currency)

| Country           | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016        | 2017        | 2018        | 2019        |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|
| Brunei Darussalam | 2.1       | 3.3       | 4.3       | 4.5       | 4.7       | 4.7       | 4.8         | 4.8         | 4.6         | 5.8         |
| Cambodia          | 10,244.9  | 11,033.0  | 13,129.0  | 14,840.0  | 18,492.0  | 22,501.0  | 28,419.0    | 36,692.6    | 59,183.0    | 76,233.5    |
| Indonesia         | 518,447.3 | 613,487.5 | 704,843.2 | 821,679.2 | 918,433.7 | 945,915.9 | 989,565.0   | 1,085,796.3 | 1,069,554.0 | 1,116,772.0 |
| Lao PDR           | 5,151.1   | 4,771.6   | 6,476.7   | 6,840.1   | 12,907.0  | 18,223.6  | 18,966.0    | 19,718.8    | 8,257.9     | 9,267.6     |
| Malaysia          | 351.1     | 408.4     | 431.1     | 426.2     | 380.2     | 375.5     | 395.3       | 437.6       | 409.5       | 429.3       |
| Myanmar           | 5,700.6   | 6,671.8   | 8,410.3   | 10,050.0  | 11,855.0  | 12,477.0  | 6,030.1     | 7,073.7     | 7,708.6     | 8,842.7     |
| Philippines       | 1,119.7   | 1,322.4   | 1,475.3   | 1,925.9   | 2,323.9   | 2,467.1   | 2,757.8     | 3,136.7     | 4,193.9     | 4,636.5     |
| Singapore         | 315.3     | 306.7     | 332.3     | 347.6     | 331.5     | 346.3     | 346.8       | 393.5       | 394.9       | 389.4       |
| Thailand          | 1,243.3   | 1,366.3   | 1,497.8   | 1,581.3   | 1,666.8   | 1,710.1   | 1,816.4     | 1,939.9     | 6,644.4     | 6,965.7     |
| Viet Nam          | 439,622.0 | 522,809.0 | 655,511.0 | 695,652.9 | 825,687.4 | 985,307.4 | 1,111,230.3 | 1,096,536.3 | 1,274,428.3 | 1,805,636.9 |

Source:

ASEAN Secretariat

International Financial Statistics (IMF Database)

World Bank Database

**Table 4.16. Government Budget Deficit in ASEAN, as a Percentage of GDP, 2010-2019**

(as percent of GDP)

| Country           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015  | 2016  | 2017  | 2018 | 2019 |
|-------------------|------|------|------|------|------|-------|-------|-------|------|------|
| Brunei Darussalam | 7.7  | 25.6 | 15.5 | 7.6  | -1.0 | -14.0 | -21.7 | -10.4 | -3.6 | -7.1 |
| Cambodia          | 3.5  | 3.8  | -    | -    | -4.9 | -4.7  | -4.2  | 0.0   | -5.1 | 5.3  |
| Indonesia         | 0.1  | -1.1 | -1.9 | -2.2 | -2.1 | -1.9  | -2.4  | -2.9  | -2.2 | -1.9 |
| Lao PDR           | -2.2 | -1.9 | -1.3 | -4.3 | -3.6 | -5.9  | -5.2  | -5.6  | -4.6 | -5.0 |
| Malaysia          | 1.0  | 0.3  | -4.5 | -3.9 | 0.1  | -3.2  | -3.1  | -2.9  | -3.7 | -3.4 |
| Myanmar           | -    | -    | -    | -    | -    | -     | -     | -     | -    | -5.0 |
| Philippines       | -3.5 | -2.0 | -2.3 | -1.4 | -0.6 | -0.9  | -2.4  | -2.2  | -3.2 | -3.5 |
| Singapore         | 0.3  | 1.1  | 1.6  | 1.3  | 0.1  | -1.0  | 1.2   | 2.1   | 0.4  | -0.7 |
| Thailand          | -2.5 | -4.1 | -4.2 | -1.9 | -2.9 | -2.9  | -2.3  | 0.0   | -2.5 | -0.8 |
| Viet Nam          | -3.4 | -1.8 | -    | -    | -    | -     | -     | -     | -    | -3.4 |

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

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

**Table 4.17. Government Budget Deficit in ASEAN, 2010-2019**

(in million of national currency)

| Country           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Brunei Darussalam | 1,441.4        | 5,972.8        | 3,700.5        | 1,719.8        | -213.1         | -2,481.9       | -3,415.2       | -1,743.2       | -659.0         | 1,469.0        |
| Cambodia          | 1,659,776.5    | 1,969,751.0    | -              | -              | -3,319,080.0   | -3,450,430.0   | -3,415,210.0   | 0.0            | -5,076,758.0   | 5,868,930.1    |
| Indonesia         | -133,747,800.0 | -150,836,700.0 | -190,105,330.0 | -224,186,270.0 | -241,494,270.0 | -222,506,900.0 | -296,723,860.0 | -397,235,750.0 | -325,936,640.0 | -296,000,240.0 |
| Lao PDR           | -1,199,437.0   | -1,212,830.0   | -1,028,630.0   | -4,028,490.0   | -3,845,590.0   | -6,952,690.0   | -6,711,980.0   | -7,810,990.0   | -7,011,053.0   | -8,207,352.6   |
| Malaysia          | 8,019.0        | 2,825.0        | 2,376.0        | 2,101.0        | 1,037.0        | -37,194.0      | -38,400.9      | -40,321.0      | -53,327.0      | -52,080.0      |
| Myanmar           | -              | -              | -              | -              | -              | -              | -              | -              | -              | -5,249,855.9   |
| Philippines       | -314,458.0     | -197,754.0     | -242,909.0     | -164,000.0     | -73,092.0      | -121,689.0     | -353,422.0     | -350,637.0     | -557,638.5     | -692,280.1     |
| Singapore         | 980.0          | 4,002.7        | 5,821.1        | 4,998.2        | 571.5          | -4,049.7       | 5,180.0        | 9,608.0        | 1,964.7        | -3,436.0       |
| Thailand          | -265,861.0     | -465,800.0     | -516,500.0     | -239,000.0     | -384,400.0     | -402,300.0     | -341,800.0     | 0.0            | -407,950.8     | -135,032.2     |
| Viet Nam          | -72,337,000.0  | -49,405,000.0  | -              | -              | -              | -              | -              | -              | -              | -202,854,892.8 |

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

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

## CHAPTER 5

# Trade in Goods



Brunei Darussalam 97.0 99.0 94.4 91.0 98.6

Cambodia 80.0 81.0 81.9

Lao PDR

Malaysia

Philippines

Singapore

Thailand

Viet Nam



**Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2010-2019**

(in million US\$)

| Country                           | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>Total Trade in Goods</b>       |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 11,274.2           | 15,383.3           | 16,854.7           | 15,057.4           | 14,180.7           | 9,592.2            | 8,694.4            | 8,676.3            | 10,728.8           | 12,141.8           |
| Cambodia                          | 8,601.2            | 11,220.5           | 12,797.1           | 14,877.5           | 16,408.1           | 20,355.0           | 22,443.9           | 25,562.7           | 30,190.3           | 34,580.2           |
| Indonesia                         | 293,442.4          | 380,932.2          | 381,721.3          | 369,180.5          | 354,158.8          | 292,977.1          | 280,839.0          | 325,813.7          | 385,534.6          | 338,958.7          |
| Lao PDR                           | 3,745.4            | 4,480.1            | 4,194.7            | 6,540.0            | 7,024.6            | 6,763.5            | 9,015.3            | 10,069.4           | 11,248.4           | 11,606.8           |
| Malaysia                          | 363,234.4          | 415,559.1          | 423,942.4          | 434,019.5          | 442,777.8          | 375,168.7          | 358,089.2          | 412,471.5          | 466,642.8          | 443,013.8          |
| Myanmar                           | 11,866.6           | 15,232.7           | 17,173.2           | 23,275.5           | 27,256.7           | 28,275.9           | 27,542.4           | 33,131.4           | 36,058.7           | 36,575.0           |
| Philippines                       | 109,660.3          | 111,751.6          | 117,381.6          | 119,108.9          | 130,806.1          | 128,834.5          | 142,248.0          | 170,614.8          | 188,310.3          | 188,301.3          |
| Singapore                         | 666,318.1          | 788,754.7          | 801,432.0          | 807,988.7          | 793,292.7          | 666,003.8          | 629,992.6          | 700,945.8          | 782,656.9          | 749,953.0          |
| Thailand                          | 376,225.3          | 451,358.6          | 477,301.9          | 478,247.4          | 455,525.9          | 417,147.4          | 409,994.2          | 459,457.7          | 432,977.9          | 483,249.1          |
| Viet Nam                          | 157,075.2          | 203,655.5          | 227,793.3          | 264,774.0          | 293,777.1          | 327,743.7          | 351,038.5          | 424,557.0          | 480,567.6          | 518,052.4          |
| <b>Total</b>                      | <b>2,001,443.0</b> | <b>2,398,328.3</b> | <b>2,480,592.1</b> | <b>2,533,069.2</b> | <b>2,535,208.4</b> | <b>2,272,861.8</b> | <b>2,239,897.4</b> | <b>2,571,300.3</b> | <b>2,824,916.3</b> | <b>2,816,432.0</b> |
| <b>Intra-ASEAN Trade in Goods</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 2,330.6            | 3,282.4            | 3,707.2            | 4,488.0            | 3,860.7            | 2,644.9            | 2,783.1            | 3,126.4            | 3,193.5            | 4,124.3            |
| Cambodia                          | 1,989.5            | 2,623.5            | 3,282.3            | 3,345.0            | 3,278.0            | 5,366.8            | 5,483.7            | 6,647.5            | 7,985.5            | 8,949.9            |
| Indonesia                         | 80,472.2           | 93,399.1           | 95,654.5           | 94,661.0           | 90,571.3           | 72,485.0           | 68,647.6           | 78,629.4           | 92,058.4           | 81,352.4           |
| Lao PDR                           | 2,639.6            | 2,897.0            | 2,589.2            | 3,963.0            | 4,877.0            | 4,356.9            | 6,038.3            | 6,190.7            | 5,596.5            | 7,027.7            |
| Malaysia                          | 95,112.7           | 108,271.9          | 115,816.1          | 118,968.9          | 118,965.0          | 102,847.8          | 97,149.9           | 113,241.7          | 126,824.3          | 118,095.2          |
| Myanmar                           | 6,175.0            | 8,417.8            | 8,391.9            | 10,211.5           | 11,454.1           | 11,294.8           | 9,430.6            | 11,512.0           | 12,880.3           | 12,370.0           |
| Philippines                       | 27,827.5           | 23,675.6           | 24,758.3           | 22,786.2           | 25,616.1           | 25,578.9           | 30,895.5           | 36,735.1           | 41,147.9           | 41,434.8           |
| Singapore                         | 182,597.4          | 212,369.3          | 213,957.9          | 216,127.5          | 205,968.8          | 172,677.5          | 162,108.1          | 179,035.9          | 200,429.2          | 190,476.5          |
| Thailand                          | 76,960.9           | 93,508.0           | 99,535.5           | 103,668.6          | 102,725.3          | 96,236.8           | 94,258.6           | 104,436.9          | 102,222.3          | 111,742.8          |
| Viet Nam                          | 26,758.5           | 34,493.5           | 37,947.4           | 39,531.9           | 40,797.7           | 41,891.1           | 41,159.1           | 49,561.0           | 56,447.5           | 57,030.7           |
| <b>Total</b>                      | <b>502,863.8</b>   | <b>582,937.9</b>   | <b>605,640.2</b>   | <b>617,751.6</b>   | <b>608,113.8</b>   | <b>535,380.4</b>   | <b>517,954.4</b>   | <b>589,116.7</b>   | <b>648,785.4</b>   | <b>632,604.3</b>   |
| <b>Extra-ASEAN Trade in Goods</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 8,943.6            | 12,101.0           | 13,147.5           | 10,569.4           | 10,320.1           | 6,947.2            | 5,911.2            | 5,549.9            | 7,535.2            | 8,017.4            |
| Cambodia                          | 6,611.7            | 8,597.0            | 9,514.8            | 11,532.5           | 13,130.1           | 14,988.2           | 16,960.2           | 18,915.1           | 22,204.8           | 25,630.3           |
| Indonesia                         | 212,970.2          | 287,533.1          | 286,066.9          | 274,519.5          | 263,587.6          | 220,492.1          | 212,191.4          | 247,184.3          | 293,476.2          | 257,606.3          |
| Lao PDR                           | 1,105.8            | 1,583.1            | 1,605.5            | 2,577.1            | 2,147.6            | 2,406.6            | 2,977.1            | 3,878.7            | 5,651.8            | 4,579.2            |
| Malaysia                          | 268,121.7          | 307,287.2          | 308,126.3          | 315,050.6          | 323,812.9          | 272,321.0          | 260,939.3          | 299,229.8          | 339,818.5          | 324,918.6          |
| Myanmar                           | 5,691.7            | 6,814.9            | 8,781.2            | 13,064.0           | 15,802.6           | 16,981.1           | 18,111.9           | 21,619.4           | 23,178.5           | 24,205.0           |
| Philippines                       | 81,832.9           | 88,076.0           | 92,623.3           | 96,322.7           | 105,190.0          | 103,255.7          | 111,352.5          | 133,879.7          | 147,162.5          | 146,866.5          |
| Singapore                         | 483,720.6          | 576,385.4          | 587,474.0          | 591,861.1          | 587,323.9          | 493,326.3          | 467,884.5          | 521,909.9          | 582,227.7          | 559,476.6          |
| Thailand                          | 299,264.3          | 357,850.6          | 377,766.4          | 374,578.7          | 352,800.6          | 320,910.6          | 315,735.5          | 355,020.7          | 330,755.7          | 371,506.3          |
| Viet Nam                          | 130,316.7          | 169,162.1          | 189,845.9          | 225,242.1          | 252,979.4          | 285,852.6          | 309,879.4          | 374,996.0          | 424,120.1          | 461,021.6          |
| <b>TOTAL</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>1,737,481.4</b> | <b>1,721,943.1</b> | <b>1,982,183.6</b> | <b>2,176,130.9</b> | <b>2,183,827.7</b> |

Source:  
ASEAN Secretariat

**Table 5.2. ASEAN Exports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam | 8,837.2            | 12,440.5           | 13,180.6           | 11,445.6           | 10,584.1           | 6,353.9            | 6,024.1            | 5,588.3            | 6,571.4            | 7,039.1            |
| Cambodia          | 3,825.9            | 5,121.1            | 5,330.5            | 6,665.9            | 6,748.7            | 8,557.7            | 10,073.1           | 11,278.1           | 12,700.3           | 14,844.8           |
| Indonesia         | 157,779.1          | 203,496.6          | 190,031.8          | 182,551.8          | 175,980.0          | 150,282.3          | 145,186.2          | 168,828.2          | 180,012.7          | 167,683.0          |
| Lao PDR           | 1,908.7            | 1,898.0            | 1,597.1            | 2,987.8            | 2,572.2            | 2,985.1            | 4,531.8            | 4,909.7            | 5,400.4            | 5,809.4            |
| Malaysia          | 198,612.1          | 228,086.0          | 227,544.1          | 228,223.4          | 233,927.4          | 199,157.9          | 189,659.2          | 217,722.0          | 248,671.7          | 238,089.0          |
| Myanmar           | 7,871.1            | 7,418.9            | 8,374.8            | 11,232.9           | 11,030.6           | 11,432.3           | 11,836.6           | 13,878.0           | 16,703.7           | 17,997.1           |
| Philippines       | 51,431.7           | 48,042.2           | 51,995.2           | 53,978.3           | 62,101.6           | 58,648.4           | 56,312.9           | 68,712.9           | 69,307.4           | 70,927.0           |
| Singapore         | 353,242.6          | 416,202.1          | 415,613.9          | 419,936.7          | 415,377.8          | 357,905.9          | 338,083.2          | 383,252.4          | 411,973.3          | 390,689.9          |
| Thailand          | 193,298.1          | 222,579.1          | 229,529.3          | 228,730.2          | 227,573.6          | 214,396.2          | 215,326.6          | 236,694.2          | 241,010.5          | 246,140.7          |
| Viet Nam          | 72,236.7           | 96,905.7           | 114,510.7          | 132,664.1          | 148,091.5          | 162,013.9          | 176,575.1          | 213,931.5          | 243,698.7          | 264,610.3          |
| <b>TOTAL</b>      | <b>1,049,043.2</b> | <b>1,242,190.2</b> | <b>1,257,708.2</b> | <b>1,278,416.6</b> | <b>1,293,987.5</b> | <b>1,171,733.6</b> | <b>1,153,608.7</b> | <b>1,324,795.3</b> | <b>1,436,049.9</b> | <b>1,423,830.2</b> |

Source:  
ASEAN Secretariat

**Table 5.3. ASEAN Imports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010             | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|-------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam | 2,437.0          | 2,942.8            | 3,674.1            | 3,611.8            | 3,596.6            | 3,238.2            | 2,670.2            | 3,088.0            | 4,157.4            | 5,102.7            |
| Cambodia          | 4,775.3          | 6,099.4            | 7,466.6            | 8,211.6            | 9,659.4            | 11,797.3           | 12,370.9           | 14,284.5           | 17,490.0           | 19,735.4           |
| Indonesia         | 135,663.3        | 177,435.6          | 191,689.5          | 186,628.7          | 178,178.8          | 142,694.8          | 135,652.8          | 156,985.6          | 205,521.9          | 171,275.7          |
| Lao PDR           | 1,836.6          | 2,582.1            | 2,597.5            | 3,552.3            | 4,452.4            | 3,778.4            | 4,483.5            | 5,159.7            | 5,848.0            | 5,797.4            |
| Malaysia          | 164,622.2        | 187,473.1          | 196,398.3          | 205,796.1          | 208,850.5          | 176,010.8          | 168,430.0          | 194,749.5          | 217,971.1          | 204,924.9          |
| Myanmar           | 3,995.6          | 7,813.8            | 8,798.3            | 12,042.6           | 16,226.1           | 16,843.6           | 15,705.9           | 19,253.5           | 19,355.1           | 18,577.9           |
| Philippines       | 58,228.6         | 63,709.4           | 65,386.4           | 65,130.6           | 68,704.5           | 70,186.1           | 85,935.1           | 101,901.9          | 119,002.9          | 117,374.3          |
| Singapore         | 313,075.5        | 372,552.7          | 385,818.0          | 388,051.9          | 377,914.8          | 308,097.9          | 291,909.4          | 317,693.4          | 370,683.6          | 359,263.2          |
| Thailand          | 182,927.1        | 228,779.4          | 247,772.6          | 249,517.1          | 227,952.3          | 202,751.2          | 194,667.5          | 222,763.5          | 191,967.4          | 237,108.4          |
| Viet Nam          | 84,838.6         | 106,749.9          | 113,282.5          | 132,109.9          | 145,685.6          | 165,729.9          | 174,463.4          | 210,625.5          | 236,868.9          | 253,442.0          |
| <b>TOTAL</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>1,101,128.3</b> | <b>1,086,288.7</b> | <b>1,246,505.0</b> | <b>1,388,866.3</b> | <b>1,392,601.8</b> |

Source:  
ASEAN Secretariat



**Table 5.4. Extra-ASEAN Exports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017               | 2018               | 2019               |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam | 7,741.0          | 10,707.0         | 11,076.5         | 8,801.2          | 8,491.1          | 5,114.4          | 4,531.4          | 3,793.3            | 4,724.1            | 4,552.2            |
| Cambodia          | 3,512.4          | 4,704.2          | 4,813.7          | 6,139.1          | 6,386.5          | 7,868.2          | 9,202.9          | 10,155.5           | 11,745.6           | 13,484.6           |
| Indonesia         | 124,431.6        | 161,397.8        | 148,200.7        | 141,921.8        | 136,311.9        | 116,710.0        | 111,355.9        | 129,561.8          | 138,099.5          | 126,218.5          |
| Lao PDR           | 756.9            | 858.2            | 692.5            | 1,642.2          | 1,181.4          | 1,407.1          | 1,807.0          | 1,781.4            | 3,624.6            | 2,296.7            |
| Malaysia          | 148,216.4        | 171,987.7        | 166,597.2        | 164,275.9        | 168,688.7        | 142,988.8        | 133,913.8        | 154,490.2          | 177,539.1          | 169,531.9          |
| Myanmar           | 3,677.0          | 2,920.3          | 3,986.3          | 5,774.1          | 6,670.6          | 7,142.8          | 8,325.2          | 9,985.9            | 12,501.8           | 13,713.6           |
| Philippines       | 39,874.1         | 39,406.9         | 42,190.9         | 45,363.4         | 52,889.9         | 50,111.5         | 47,912.3         | 58,585.1           | 58,126.4           | 60,111.3           |
| Singapore         | 245,569.8        | 282,333.8        | 281,890.3        | 281,990.6        | 285,179.2        | 250,102.9        | 238,708.3        | 275,163.5          | 290,069.8          | 278,663.3          |
| Thailand          | 148,980.2        | 168,534.2        | 172,798.8        | 169,409.7        | 168,147.8        | 159,231.2        | 160,669.6        | 177,030.3          | 176,048.2          | 183,255.6          |
| Viet Nam          | 61,885.7         | 83,322.4         | 97,437.9         | 114,485.2        | 129,831.0        | 143,950.1        | 159,286.0        | 192,422.8          | 219,064.5          | 239,690.8          |
| <b>Total</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>875,712.4</b> | <b>1,012,970.0</b> | <b>1,091,543.4</b> | <b>1,091,518.3</b> |

Source:  
ASEAN Secretariat

**Table 5.5. Intra-ASEAN Exports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,096.2          | 1,733.6          | 2,104.2          | 2,644.4          | 2,093.0          | 1,239.5          | 1,492.7          | 1,794.9          | 1,847.3          | 2,486.8          |
| Cambodia          | 313.5            | 416.9            | 516.9            | 526.8            | 362.2            | 689.5            | 870.2            | 1,122.6          | 954.7            | 1,360.2          |
| Indonesia         | 33,347.5         | 42,098.9         | 41,831.1         | 40,630.0         | 39,668.1         | 33,572.3         | 33,830.3         | 39,266.4         | 41,913.2         | 41,464.5         |
| Lao PDR           | 1,151.8          | 1,039.8          | 904.7            | 1,345.6          | 1,390.8          | 1,578.0          | 2,724.9          | 3,128.3          | 1,775.8          | 3,512.7          |
| Malaysia          | 50,395.7         | 56,098.3         | 60,946.9         | 63,947.5         | 65,238.6         | 56,169.1         | 55,745.4         | 63,231.8         | 71,132.6         | 68,557.1         |
| Myanmar           | 4,194.1          | 4,498.6          | 4,388.5          | 5,458.8          | 4,360.0          | 4,289.5          | 3,511.4          | 3,892.1          | 4,201.9          | 4,283.5          |
| Philippines       | 11,557.6         | 8,635.3          | 9,804.4          | 8,614.9          | 9,211.7          | 8,536.9          | 8,400.6          | 10,127.8         | 11,181.1         | 10,815.7         |
| Singapore         | 107,672.9        | 133,868.3        | 133,723.7        | 137,946.1        | 130,198.7        | 107,802.9        | 99,374.9         | 108,088.9        | 121,903.5        | 112,026.6        |
| Thailand          | 44,317.9         | 54,044.9         | 56,730.5         | 59,320.5         | 59,425.8         | 55,165.0         | 54,657.0         | 59,663.9         | 64,962.3         | 62,885.1         |
| Viet Nam          | 10,351.0         | 13,583.3         | 17,072.8         | 18,178.9         | 18,260.5         | 18,063.7         | 17,289.1         | 21,508.6         | 24,634.2         | 24,919.6         |
| <b>Total</b>      | <b>264,398.2</b> | <b>316,017.7</b> | <b>328,023.5</b> | <b>338,613.4</b> | <b>330,209.5</b> | <b>287,106.4</b> | <b>277,896.3</b> | <b>311,825.3</b> | <b>344,506.5</b> | <b>332,311.9</b> |

Source:  
ASEAN Secretariat

**Table 5.6. Extra-ASEAN Imports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018               | 2019               |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|
| Brunei Darussalam | 1,202.6          | 1,394.0          | 2,071.0          | 1,768.2          | 1,828.9          | 1,832.8          | 1,379.8          | 1,756.5          | 2,811.2            | 3,465.2            |
| Cambodia          | 3,099.3          | 3,892.8          | 4,701.2          | 5,393.3          | 6,743.6          | 7,120.0          | 7,757.3          | 8,759.6          | 10,459.2           | 12,145.7           |
| Indonesia         | 88,538.6         | 126,135.4        | 137,866.1        | 132,597.7        | 127,275.7        | 103,782.1        | 100,835.5        | 117,622.6        | 155,376.7          | 131,387.8          |
| Lao PDR           | 348.9            | 724.9            | 913.0            | 934.9            | 966.2            | 999.5            | 1,170.1          | 2,097.3          | 2,027.3            | 2,282.5            |
| Malaysia          | 119,905.3        | 135,299.5        | 141,529.2        | 150,774.7        | 155,124.2        | 129,332.2        | 127,025.5        | 144,739.6        | 162,279.4          | 155,386.7          |
| Myanmar           | 2,014.7          | 3,894.6          | 4,794.9          | 7,289.9          | 9,132.0          | 9,838.3          | 9,786.7          | 11,633.5         | 10,676.7           | 10,491.4           |
| Philippines       | 41,958.8         | 48,669.1         | 50,432.5         | 50,959.3         | 52,300.0         | 53,144.2         | 63,440.3         | 75,294.6         | 89,036.1           | 86,755.2           |
| Singapore         | 238,150.9        | 294,051.6        | 305,583.8        | 309,870.5        | 302,144.7        | 243,223.4        | 229,176.3        | 246,746.4        | 292,157.9          | 280,813.3          |
| Thailand          | 150,284.1        | 189,316.4        | 204,967.6        | 205,169.0        | 184,652.8        | 161,679.3        | 155,065.9        | 177,990.4        | 154,707.4          | 188,250.7          |
| Viet Nam          | 68,431.0         | 85,839.7         | 92,408.0         | 110,756.9        | 123,148.4        | 141,902.5        | 150,593.4        | 182,573.1        | 205,055.6          | 221,330.9          |
| <b>Total</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>852,854.3</b> | <b>846,230.7</b> | <b>969,213.6</b> | <b>1,084,587.5</b> | <b>1,092,309.4</b> |

Source:

ASEAN Secretariat

**Table 5.7. Intra-ASEAN Imports of Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,234.4          | 1,548.8          | 1,603.0          | 1,843.7          | 1,767.7          | 1,405.4          | 1,290.4          | 1,331.5          | 1,346.2          | 1,637.5          |
| Cambodia          | 1,676.0          | 2,206.7          | 2,765.4          | 2,818.3          | 2,915.8          | 4,677.3          | 4,613.6          | 5,524.9          | 7,030.8          | 7,589.7          |
| Indonesia         | 47,124.7         | 51,300.2         | 53,823.4         | 54,031.0         | 50,903.1         | 38,912.7         | 34,817.3         | 39,363.0         | 50,145.2         | 39,887.9         |
| Lao PDR           | 1,487.7          | 1,857.2          | 1,684.5          | 2,617.4          | 3,486.2          | 2,778.9          | 3,313.4          | 3,062.4          | 3,820.7          | 3,514.9          |
| Malaysia          | 44,717.0         | 52,173.6         | 54,869.1         | 55,021.4         | 53,726.3         | 46,678.7         | 41,404.5         | 50,010.0         | 55,691.7         | 49,538.1         |
| Myanmar           | 1,980.9          | 3,919.2          | 4,003.5          | 4,752.7          | 7,094.1          | 7,005.3          | 5,919.2          | 7,619.9          | 8,678.4          | 8,086.5          |
| Philippines       | 16,269.8         | 15,040.3         | 14,953.9         | 14,171.4         | 16,404.4         | 17,042.0         | 22,494.8         | 26,607.3         | 29,966.8         | 30,619.1         |
| Singapore         | 74,924.6         | 78,501.0         | 80,234.2         | 78,181.4         | 75,770.1         | 64,874.5         | 62,733.2         | 70,947.0         | 78,525.7         | 78,449.9         |
| Thailand          | 32,643.0         | 39,463.1         | 42,805.0         | 44,348.1         | 43,299.5         | 41,071.8         | 39,601.6         | 44,773.1         | 37,260.0         | 48,857.7         |
| Viet Nam          | 16,407.5         | 20,910.2         | 20,874.6         | 21,353.0         | 22,537.1         | 23,827.4         | 23,870.1         | 28,052.4         | 31,813.3         | 32,111.2         |
| <b>Total</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>248,274.0</b> | <b>240,058.1</b> | <b>277,291.4</b> | <b>304,278.8</b> | <b>300,292.4</b> |

Source:

ASEAN Secretariat

**Table 5.8. ASEAN Balance of Trade<sup>1)</sup> in Goods by Country, 2010-2019**

(in million US\$)

| Country           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 6,400.2         | 9,497.7         | 9,506.5         | 7,833.7         | 6,987.6         | 3,115.7         | 3,353.9         | 2,500.2         | 2,414.0         | 1,936.4         |
| Cambodia          | -949.4          | -978.4          | -2,136.1        | -1,545.7        | -2,910.7        | -3,239.7        | -2,297.8        | -3,006.4        | -4,789.7        | -4,890.6        |
| Indonesia         | 22,115.8        | 26,061.1        | -1,657.6        | -4,076.9        | -2,198.8        | 7,587.4         | 9,533.4         | 11,842.6        | -25,509.2       | -3,592.8        |
| Lao PDR           | 72.1            | -684.1          | -1,000.4        | -564.5          | -1,880.2        | -793.3          | 48.3            | -250.0          | -447.7          | 11.9            |
| Malaysia          | 33,989.9        | 40,612.9        | 31,145.8        | 22,427.3        | 25,076.9        | 23,147.1        | 21,229.2        | 22,972.5        | 30,700.6        | 33,164.1        |
| Myanmar           | 3,875.5         | -394.9          | -423.5          | -809.7          | -5,195.4        | -5,411.3        | -3,869.3        | -5,375.5        | -2,651.4        | -580.8          |
| Philippines       | -6,796.9        | -15,667.2       | -13,391.2       | -11,152.4       | -6,602.9        | -11,537.7       | -29,622.2       | -33,189.0       | -49,695.5       | -46,447.3       |
| Singapore         | 40,167.2        | 43,649.4        | 29,795.9        | 31,884.8        | 37,463.0        | 49,807.9        | 46,173.8        | 65,559.1        | 41,289.7        | 31,426.7        |
| Thailand          | 10,371.0        | -6,200.3        | -18,243.3       | -20,786.9       | -378.7          | 11,645.1        | 20,659.1        | 13,930.7        | 49,043.1        | 9,032.3         |
| Viet Nam          | -12,601.9       | -9,844.2        | 1,228.2         | 554.2           | 2,405.9         | -3,716.0        | 2,111.7         | 3,305.9         | 6,829.8         | 11,168.3        |
| <b>Total</b>      | <b>96,643.5</b> | <b>86,052.1</b> | <b>34,824.4</b> | <b>23,764.0</b> | <b>52,766.6</b> | <b>70,605.3</b> | <b>67,320.0</b> | <b>78,290.2</b> | <b>47,183.6</b> | <b>31,228.5</b> |

 Source:  
 ASEAN Secretariat

Note:

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

**Table 5.9. ASEAN Trade in Goods by Trading Partners, 2010-2019**

(in million US\$)

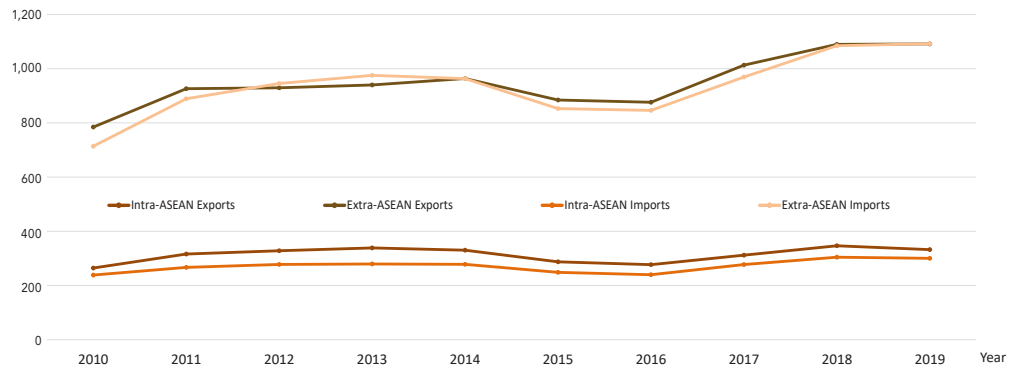
| Trading Partner    | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>ASEAN</b>       | <b>502,863.8</b>   | <b>582,937.9</b>   | <b>605,640.2</b>   | <b>617,751.6</b>   | <b>608,113.8</b>   | <b>535,380.4</b>   | <b>517,954.4</b>   | <b>589,116.7</b>   | <b>648,785.4</b>   | <b>632,604.3</b>   |
| Trading Partner    | 1,498,579.2        | 1,815,390.4        | 1,874,951.9        | 1,915,317.6        | 1,927,094.6        | 1,737,481.4        | 1,721,943.0        | 1,982,183.5        | 2,176,130.9        | 2,183,827.8        |
| Australia          | 57,434.8           | 67,488.0           | 70,438.8           | 69,053.1           | 73,395.2           | 57,492.6           | 52,878.8           | 59,108.1           | 66,168.1           | 63,090.9           |
| Canada             | 10,733.8           | 12,669.7           | 12,332.7           | 13,529.3           | 13,331.2           | 12,655.2           | 12,633.6           | 13,796.7           | 15,730.9           | 17,141.9           |
| China              | 235,513.6          | 294,989.4          | 319,389.7          | 351,583.4          | 366,711.2          | 363,496.8          | 368,567.3          | 440,973.3          | 482,493.8          | 507,963.2          |
| EU-28              | 203,880.6          | 240,118.8          | 242,680.4          | 246,534.6          | 248,179.2          | 230,655.1          | 233,579.1          | 260,759.6          | 288,067.4          | 280,818.5          |
| India              | 56,725.8           | 74,232.0           | 71,252.0           | 68,269.4           | 67,993.1           | 60,165.7           | 58,592.2           | 73,668.7           | 80,943.8           | 77,097.8           |
| Japan              | 218,927.3          | 256,410.7          | 264,459.1          | 240,430.9          | 229,094.7          | 202,800.1          | 202,417.6          | 218,805.8          | 231,649.1          | 226,029.2          |
| Korea, Republic of | 101,999.3          | 124,750.2          | 131,468.1          | 134,864.2          | 131,438.3          | 120,566.7          | 124,466.9          | 154,849.5          | 161,510.7          | 156,506.5          |
| New Zealand        | 7,608.9            | 9,043.1            | 9,286.8            | 9,789.0            | 10,706.0           | 8,753.0            | 7,899.6            | 9,504.6            | 10,322.0           | 10,341.3           |
| Russian Federation | 12,693.3           | 16,851.4           | 18,142.0           | 19,984.1           | 22,571.1           | 13,969.0           | 11,956.8           | 16,748.0           | 20,006.2           | 18,198.0           |
| USA                | 181,241.2          | 198,110.2          | 199,803.4          | 205,313.1          | 211,507.9          | 210,582.4          | 211,810.0          | 233,833.8          | 263,000.9          | 294,793.3          |
| Rest of The World  | 411,820.6          | 520,726.8          | 535,699.1          | 555,966.6          | 552,166.6          | 456,344.9          | 437,141.2          | 500,135.5          | 556,237.7          | 531,847.1          |
| <b>Total</b>       | <b>2,001,443.0</b> | <b>2,398,328.3</b> | <b>2,480,592.1</b> | <b>2,533,069.2</b> | <b>2,535,208.4</b> | <b>2,272,861.8</b> | <b>2,239,897.4</b> | <b>2,571,300.3</b> | <b>2,824,916.2</b> | <b>2,816,432.0</b> |

 Source:  
 ASEAN Secretariat

**Graph 5.1. ASEAN Total of Exports and Imports of Goods, 2010-2019**

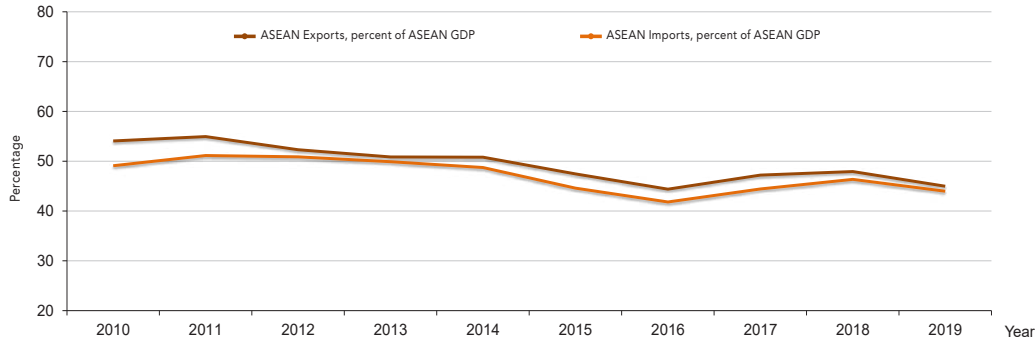


**Graph 5.2. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, 2010-2019**

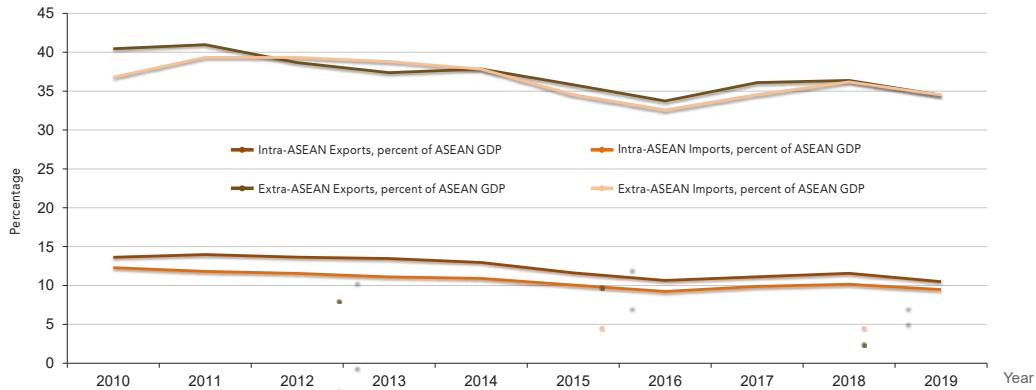


Source: ASEAN Secretariat

**Graph 5.3. ASEAN Total of Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2010-2019**

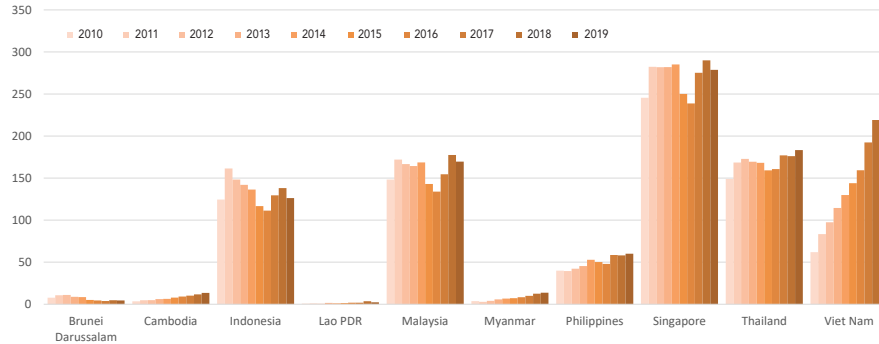


**Graph 5.4. ASEAN Total of Intra and Extra ASEAN Exports and Imports of Goods, Share to Gross Domestic Products (GDP), 2010-2019**

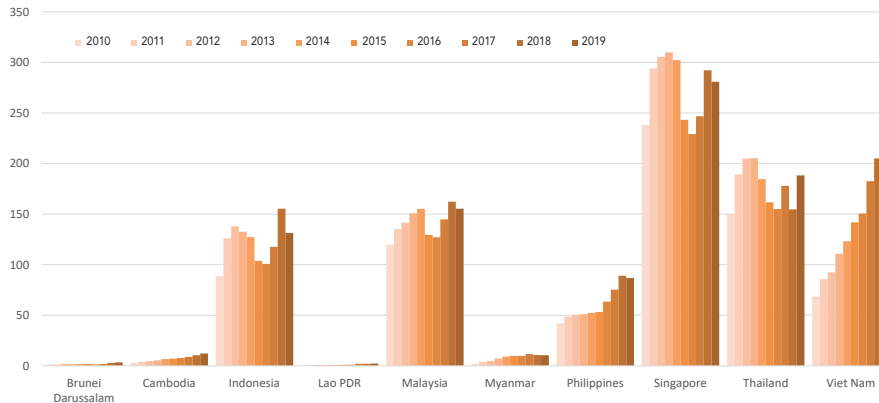


Source: ASEAN Secretariat

**Graph 5.5. ASEAN Total of Extra-ASEAN Exports of Goods by Country, 2010-2019**

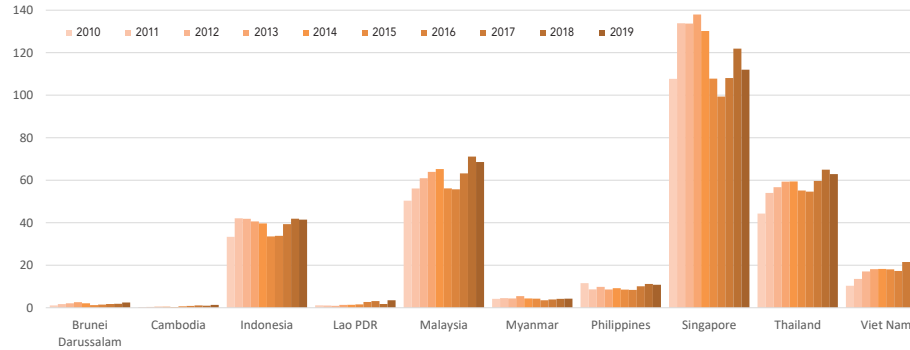


**Graph 5.6. ASEAN Total of Extra-ASEAN Imports of Goods by Country, 2010-2019**

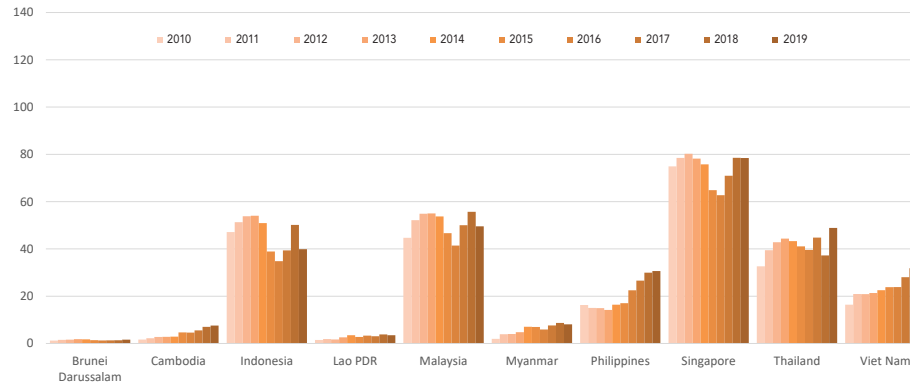


Source: ASEAN Secretariat

**Graph 5.7. ASEAN Total of Intra-ASEAN Exports of Goods by Country, 2010-2019**

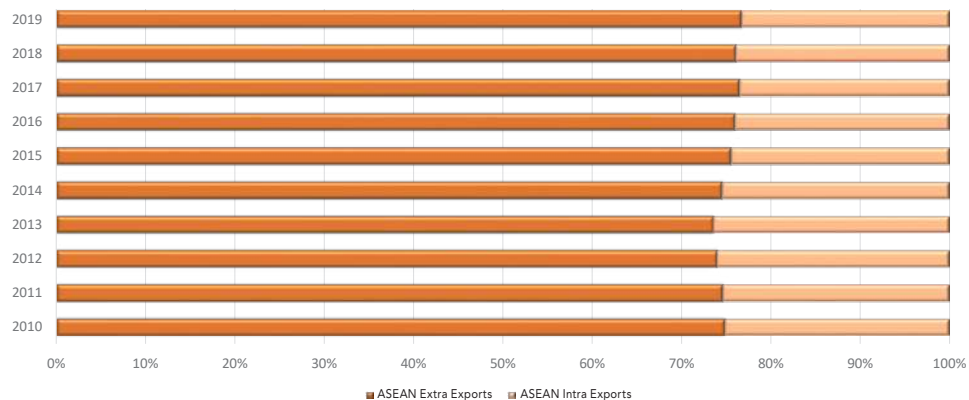


**Graph 5.8. ASEAN Total of Intra-ASEAN Imports of Goods by Country, 2010-2019**

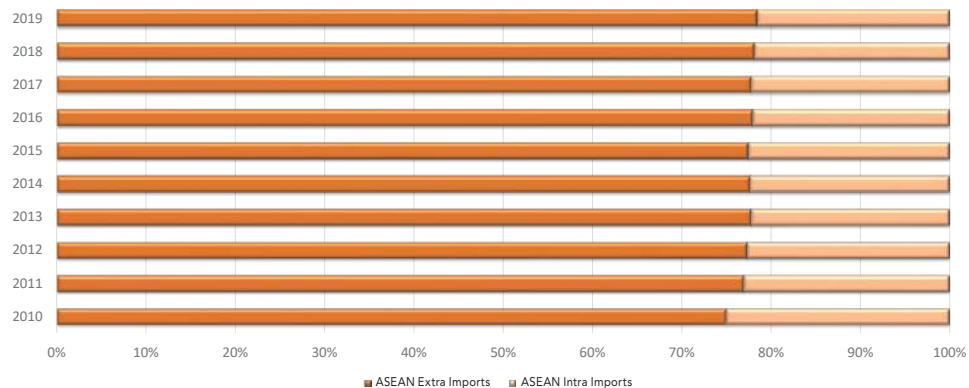


Source: ASEAN Secretariat

**Graph 5.9. Share of Extra and Intra - ASEAN to ASEAN Total Exports of Goods, 2010-2019**



**Graph 5.10. Share of Extra and Intra - ASEAN to ASEAN Total Imports of Goods, 2010-2019**



Source: ASEAN Secretariat



**Table 5.10. ASEAN Exports and Imports of Goods by Trading Partners, 2010-2019**

(in million US\$)

| Trading Partner        | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               | 2019               |
|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>EXPORT OF GOODS</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| <b>ASEAN</b>           | <b>264,398.2</b>   | <b>316,017.7</b>   | <b>328,023.5</b>   | <b>338,613.4</b>   | <b>330,209.5</b>   | <b>287,106.4</b>   | <b>277,896.3</b>   | <b>311,825.3</b>   | <b>344,506.5</b>   | <b>332,311.9</b>   |
| <b>Trading Partner</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>875,712.4</b>   | <b>1,012,970.0</b> | <b>1,091,543.4</b> | <b>1,091,518.3</b> |
| Australia              | 37,980.5           | 42,716.0           | 46,049.4           | 45,296.5           | 45,223.0           | 35,790.9           | 33,083.4           | 34,603.9           | 39,209.4           | 35,441.1           |
| Canada                 | 6,003.0            | 6,763.1            | 6,580.3            | 7,240.1            | 7,464.7            | 7,182.4            | 7,395.5            | 7,822.5            | 8,728.2            | 9,960.4            |
| China                  | 112,576.8          | 140,065.5          | 142,540.0          | 153,378.5          | 154,012.6          | 145,291.4          | 143,965.3          | 187,027.6          | 197,679.5          | 202,550.0          |
| EU-28                  | 115,164.1          | 131,143.6          | 124,826.1          | 124,545.5          | 132,506.4          | 127,387.0          | 130,433.3          | 157,666.8          | 160,778.6          | 154,107.8          |
| India                  | 37,083.7           | 45,989.2           | 43,595.1           | 42,326.3           | 43,694.2           | 40,553.4           | 37,762.6           | 45,393.9           | 50,613.6           | 48,299.7           |
| Japan                  | 102,990.8          | 128,069.6          | 127,932.7          | 122,553.7          | 120,158.4          | 101,941.2          | 96,554.8           | 105,945.6          | 114,767.3          | 109,910.5          |
| Korea, Republic of     | 45,034.3           | 54,163.4           | 55,390.1           | 52,842.0           | 51,625.4           | 45,420.8           | 45,917.6           | 56,731.9           | 60,485.7           | 59,379.9           |
| New Zealand            | 4,371.7            | 4,976.1            | 5,621.6            | 5,683.7            | 6,376.4            | 5,225.7            | 4,547.0            | 5,461.3            | 6,093.5            | 6,000.9            |
| Russian Federation     | 3,417.5            | 4,706.2            | 4,878.1            | 5,247.7            | 5,414.4            | 4,268.9            | 4,782.1            | 5,865.6            | 5,959.4            | 6,103.1            |
| USA                    | 99,893.6           | 105,109.5          | 107,827.5          | 113,786.0          | 121,213.2          | 125,442.9          | 131,076.3          | 142,481.0          | 160,261.2          | 183,794.3          |
| Rest of the World      | 220,129.0          | 262,470.2          | 264,443.9          | 266,903.3          | 276,089.3          | 246,122.5          | 240,194.5          | 263,969.9          | 286,967.1          | 275,970.6          |
| <b>Total</b>           | <b>1,049,043.2</b> | <b>1,242,190.2</b> | <b>1,257,708.2</b> | <b>1,278,416.6</b> | <b>1,293,987.5</b> | <b>1,171,733.6</b> | <b>1,153,608.7</b> | <b>1,324,795.3</b> | <b>1,436,049.9</b> | <b>1,423,830.2</b> |
| <b>IMPORT OF GOODS</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| <b>ASEAN</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>248,274.0</b>   | <b>240,058.1</b>   | <b>277,291.4</b>   | <b>304,278.8</b>   | <b>300,292.4</b>   |
| <b>Trading Partner</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>852,854.3</b>   | <b>846,230.7</b>   | <b>969,213.6</b>   | <b>1,084,587.4</b> | <b>1,092,309.4</b> |
| Australia              | 19,454.3           | 24,771.9           | 24,389.4           | 23,756.6           | 28,172.2           | 21,701.7           | 19,795.4           | 24,504.2           | 26,958.7           | 27,649.8           |
| Canada                 | 4,730.7            | 5,906.5            | 5,752.4            | 6,289.2            | 5,866.5            | 5,472.8            | 5,238.1            | 5,974.2            | 7,002.8            | 7,181.5            |
| China                  | 122,936.9          | 154,923.8          | 176,849.7          | 198,204.9          | 212,698.6          | 218,205.4          | 224,602.0          | 253,945.7          | 284,814.3          | 305,413.2          |
| EU-28                  | 88,716.5           | 108,975.2          | 117,854.3          | 121,989.1          | 115,672.8          | 103,268.1          | 103,145.8          | 103,092.8          | 127,288.8          | 126,710.7          |
| India                  | 19,642.1           | 28,242.9           | 27,656.9           | 25,943.1           | 24,298.9           | 19,612.3           | 20,829.6           | 28,274.8           | 30,330.3           | 28,798.1           |
| Japan                  | 115,936.4          | 128,341.1          | 136,526.3          | 117,877.2          | 108,936.3          | 100,858.9          | 105,862.8          | 112,860.2          | 116,881.9          | 116,118.7          |
| Korea, Republic of     | 56,965.0           | 70,586.8           | 76,078.0           | 82,022.2           | 79,812.9           | 75,145.9           | 78,549.3           | 98,117.5           | 101,025.0          | 97,126.6           |
| New Zealand            | 3,237.1            | 4,067.0            | 3,665.2            | 4,105.3            | 4,329.6            | 3,527.3            | 3,352.6            | 4,043.4            | 4,228.6            | 4,340.3            |
| Russian Federation     | 9,275.8            | 12,145.2           | 13,263.9           | 14,736.4           | 17,156.7           | 9,700.1            | 7,174.7            | 10,882.4           | 14,046.8           | 12,094.9           |
| USA                    | 81,347.5           | 93,000.7           | 91,975.9           | 91,527.1           | 90,294.7           | 85,139.6           | 80,733.7           | 91,352.8           | 102,739.6          | 110,999.1          |
| Rest of the World      | 191,691.6          | 258,256.6          | 271,255.2          | 289,063.3          | 276,077.4          | 210,222.3          | 196,946.6          | 236,165.6          | 269,270.7          | 255,876.5          |
| <b>Total</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>1,101,128.3</b> | <b>1,086,288.7</b> | <b>1,246,505.0</b> | <b>1,388,866.3</b> | <b>1,392,601.8</b> |

Source:  
ASEAN Secretariat

**Table 5.11. ASEAN Balance of Trade in Goods by Trading Partners, 2010-2019**

(in million US\$)

| Trading Partner            | 2010            | 2011            | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|----------------------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Trade Balance (X-M)</b> |                 |                 |                  |                  |                 |                 |                 |                 |                 |                 |
| <b>ASEAN</b>               | <b>25,932.6</b> | <b>49,097.5</b> | <b>50,406.9</b>  | <b>59,475.1</b>  | <b>52,305.1</b> | <b>38,832.4</b> | <b>37,838.3</b> | <b>34,533.9</b> | <b>40,227.7</b> | <b>32,019.5</b> |
| <b>Trading Partner</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>31,772.9</b> | <b>29,481.7</b> | <b>43,756.4</b> | <b>6,956.0</b>  | <b>-791.1</b>   |
| Australia                  | 18,526.1        | 17,944.1        | 21,660.0         | 21,539.9         | 17,050.7        | 14,089.2        | 13,288.0        | 10,099.7        | 12,250.7        | 7,791.3         |
| Canada                     | 1,272.3         | 856.6           | 827.8            | 951.0            | 1,598.2         | 1,709.7         | 2,157.3         | 1,848.3         | 1,725.4         | 2,778.9         |
| China                      | -10,360.1       | -14,858.3       | -34,309.7        | -44,826.4        | -58,686.0       | -72,914.0       | -80,636.6       | -66,918.1       | -87,134.8       | -102,863.3      |
| EU-28                      | 26,447.6        | 22,168.4        | 6,971.8          | 2,556.4          | 16,833.6        | 24,118.9        | 27,287.5        | 54,573.0        | 33,489.8        | 27,397.1        |
| India                      | 17,441.6        | 17,746.3        | 15,938.2         | 16,383.1         | 19,395.4        | 20,941.2        | 16,933.0        | 17,119.0        | 20,283.3        | 19,501.6        |
| Japan                      | -12,945.6       | -271.5          | -8,593.6         | 4,676.4          | 11,222.1        | 1,082.3         | -9,308.0        | -6,914.5        | -2,114.6        | -6,208.2        |
| Korea, Republic of         | -11,930.7       | -16,423.5       | -20,688.0        | -29,180.2        | -28,187.5       | -29,725.0       | -32,631.7       | -41,385.6       | -40,539.3       | -37,746.6       |
| New Zealand                | 1,134.6         | 909.1           | 1,956.4          | 1,578.4          | 2,046.9         | 1,698.4         | 1,194.4         | 1,417.9         | 1,864.9         | 1,660.6         |
| Russian Federation         | -5,858.3        | -7,439.0        | -8,385.8         | -9,488.6         | -11,742.3       | -5,431.2        | -2,392.5        | -5,016.8        | -8,087.4        | -5,991.9        |
| USA                        | 18,546.1        | 12,108.7        | 15,851.7         | 22,258.9         | 30,918.5        | 40,303.3        | 50,342.6        | 51,128.2        | 57,521.6        | 72,795.2        |
| Rest of the World          | 28,437.3        | 4,213.6         | -6,811.3         | -22,160.0        | 11.9            | 35,900.2        | 43,247.9        | 27,804.3        | 17,696.4        | 20,094.1        |
| <b>Total</b>               | <b>96,643.5</b> | <b>86,052.1</b> | <b>34,824.4</b>  | <b>23,764.0</b>  | <b>52,766.6</b> | <b>70,605.3</b> | <b>67,320.0</b> | <b>78,290.2</b> | <b>47,183.7</b> | <b>31,228.4</b> |

Source:  
ASEAN Secretariat

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

**Table 5.12. ASEAN Top Ten Destinations of Exports of Goods, 2018-2019**

| 2018                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 344,506.5           | 24.0         |
| China                     | 197,679.5           | 13.8         |
| EU-28                     | 160,778.6           | 11.2         |
| United States             | 160,261.2           | 11.2         |
| Japan                     | 114,767.3           | 8.0          |
| Hong Kong                 | 100,203.2           | 7.0          |
| Korea, Republic of        | 60,485.7            | 4.2          |
| India                     | 50,613.6            | 3.5          |
| Taiwan, Province of China | 39,733.5            | 2.8          |
| Australia                 | 39,209.4            | 2.7          |
| <b>Top Ten Countries</b>  | <b>1,268,238.5</b>  | <b>88.3</b>  |
| <b>Others</b>             | <b>167,811.4</b>    | <b>11.7</b>  |
| <b>Total</b>              | <b>1,436,049.9</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 332,311.9           | 23.3         |
| China                     | 202,550.0           | 14.2         |
| United states             | 183,794.3           | 12.9         |
| EU-28                     | 154,107.8           | 10.8         |
| Japan                     | 109,910.5           | 7.7          |
| Hong Kong                 | 92,205.9            | 6.5          |
| Korea, Republic of        | 59,379.9            | 4.2          |
| India                     | 48,299.7            | 3.4          |
| Taiwan, Province of China | 40,250.5            | 2.8          |
| Australia                 | 35,441.1            | 2.5          |
| <b>Top Ten Countries</b>  | <b>1,258,251.5</b>  | <b>88.4</b>  |
| <b>Others</b>             | <b>165,578.7</b>    | <b>11.6</b>  |
| <b>Total</b>              | <b>1,423,830.2</b>  | <b>100.0</b> |

**Table 5.13. ASEAN Top Ten Origins of Imports of Goods, 2018-2019**

| 2018                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 304,278.8           | 21.9         |
| China                     | 284,814.3           | 20.5         |
| EU-28                     | 127,288.8           | 9.2          |
| Japan                     | 116,881.9           | 8.4          |
| United states             | 102,739.6           | 7.4          |
| Korea, Republic of        | 101,025.0           | 7.3          |
| Taiwan, Province of China | 77,629.4            | 5.6          |
| Saudi Arabia              | 31,960.9            | 2.3          |
| India                     | 30,330.3            | 2.2          |
| Australia                 | 26,958.7            | 1.9          |
| <b>Top Ten Countries</b>  | <b>1,203,907.8</b>  | <b>86.7</b>  |
| <b>Others</b>             | <b>184,958.6</b>    | <b>13.3</b>  |
| <b>Total</b>              | <b>1,388,866.3</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| China                     | 305,413.2           | 21.9         |
| ASEAN                     | 300,292.4           | 21.6         |
| EU-28                     | 126,710.7           | 9.1          |
| Japan                     | 116,118.7           | 8.3          |
| United states             | 110,999.1           | 8.0          |
| Korea, Republic of        | 97,126.6            | 7.0          |
| Taiwan, Province of China | 79,043.2            | 5.7          |
| India                     | 28,798.1            | 2.1          |
| Australia                 | 27,649.8            | 2.0          |
| United Arab Emirates      | 27,134.5            | 1.9          |
| <b>Top Ten Countries</b>  | <b>1,219,286.2</b>  | <b>87.6</b>  |
| <b>Others</b>             | <b>173,315.6</b>    | <b>12.4</b>  |
| <b>Total</b>              | <b>1,392,601.8</b>  | <b>100.0</b> |

**Table 5.14. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 377,595.5           | 26.3         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 161,082.8           | 11.2         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 152,651.3           | 10.6         |
| 39                         | Plastics and articles thereof   | 47,375.5            | 3.3          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 46,988.9            | 3.3          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 44,237.6            | 3.1          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 40,981.7            | 2.9          |
| 40                         | Rubber and articles thereof   | 35,890.6            | 2.5          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 34,697.1            | 2.4          |
| 29                         | Organic chemicals   | 31,901.3            | 2.2          |
| <b>Top Ten Commodities</b> |   | <b>973,402.3</b>    | <b>67.8</b>  |
| <b>Others</b>              |   | <b>462,647.6</b>    | <b>32.2</b>  |
| <b>Total</b>               |   | <b>1,436,049.9</b>  | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 379,871.8           | 26.7         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 150,649.8           | 10.6         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 141,795.1           | 10.0         |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 48,201.1            | 3.4          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 47,405.0            | 3.3          |
| 39                         | Plastics and articles thereof   | 46,275.4            | 3.3          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 44,239.8            | 3.1          |
| 40                         | Rubber and articles thereof   | 35,854.9            | 2.5          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 31,043.6            | 2.2          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 29,914.0            | 2.1          |
| <b>Top Ten Commodities</b> |   | <b>955,250.4</b>    | <b>67.1</b>  |
| <b>Others</b>              |   | <b>468,579.8</b>    | <b>32.9</b>  |
| <b>Total</b>               |   | <b>1,423,830.2</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.15. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 321,585.5           | 23.2         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 223,826.7           | 16.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 166,653.6           | 12.0         |
| 39                         | Plastics and articles thereof   | 55,684.7            | 4.0          |
| 72                         | Iron and steel  | 49,250.8            | 3.5          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 45,608.1            | 3.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 40,932.8            | 2.9          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 36,467.2            | 2.6          |
| 29                         | Organic chemicals   | 28,339.5            | 2.0          |
| 73                         | Iron or steel articles  | 24,106.8            | 1.7          |
| <b>Top Ten Commodities</b> |   | <b>992,455.6</b>    | <b>71.5</b>  |
| <b>Others</b>              |   | <b>396,410.7</b>    | <b>28.5</b>  |
| <b>Total</b>               |   | <b>1,388,866.3</b>  | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 326,444.2           | 23.4         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 203,925.4           | 14.6         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 176,069.2           | 12.6         |
| 39                         | Plastics and articles thereof   | 57,024.0            | 4.1          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 49,021.1            | 3.5          |
| 72                         | Iron and steel  | 48,613.2            | 3.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 39,096.1            | 2.8          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 38,057.0            | 2.7          |
| 29                         | Organic chemicals   | 26,551.2            | 1.9          |
| 73                         | Iron or steel articles  | 24,621.5            | 1.8          |
| <b>Top Ten Commodities</b> |   | <b>989,422.9</b>    | <b>71.0</b>  |
| <b>Others</b>              |   | <b>403,178.9</b>    | <b>29.0</b>  |
| <b>Total</b>               |   | <b>1,392,601.8</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.16. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 77,556.6            | 22.5         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 70,476.3            | 20.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 38,275.8            | 11.1         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,702.8            | 4.6          |
| 39                         | Plastics and articles thereof   | 14,961.8            | 4.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 13,759.3            | 4.0          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,775.6             | 2.0          |
| 29                         | Organic chemicals   | 6,736.5             | 2.0          |
| 72                         | Iron and steel  | 5,713.6             | 1.7          |
| 73                         | Iron or steel articles  | 4,893.4             | 1.4          |
| <b>Top Ten Commodities</b> |   | <b>254,851.8</b>    | <b>74.0</b>  |
| <b>Others</b>              |   | <b>89,654.7</b>     | <b>26.0</b>  |
| <b>Total</b>               |   | <b>344,506.5</b>    | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 74,115.3            | 22.3         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 63,308.1            | 19.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 36,075.7            | 10.9         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 16,727.0            | 5.0          |
| 39                         | Plastics and articles thereof   | 14,133.8            | 4.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 11,749.3            | 3.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 7,166.6             | 2.2          |
| 72                         | Iron and steel  | 6,978.5             | 2.1          |
| 29                         | Organic chemicals   | 5,768.3             | 1.7          |
| 73                         | Iron or steel articles  | 4,723.8             | 1.4          |
| <b>Top Ten Commodities</b> |   | <b>240,746.3</b>    | <b>72.4</b>  |
| <b>Others</b>              |   | <b>91,565.6</b>     | <b>27.6</b>  |
| <b>Total</b>               |   | <b>332,311.9</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.17. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              | 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    | HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 74,365.3            | 24.4         | 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 65,544.0            | 21.8         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 66,540.6            | 21.9         | 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 65,296.0            | 21.7         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 29,031.1            | 9.5          | 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 28,114.9            | 9.4          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,991.4            | 5.3          | 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 17,195.8            | 5.7          |
| 39                         | Plastics and articles thereof   | 12,762.0            | 4.2          | 39                         | Plastics and articles thereof   | 12,175.5            | 4.1          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 7,244.3             | 2.4          | 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 11,802.8            | 3.9          |
| 29                         | Organic chemicals   | 6,412.2             | 2.1          | 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,280.4             | 2.1          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,302.5             | 1.7          | 72                         | Iron and steel  | 5,855.5             | 1.9          |
| 72                         | Iron and steel  | 4,469.3             | 1.5          | 29                         | Organic chemicals   | 5,573.7             | 1.9          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,110.7             | 1.4          | 38                         | Chemical products n.e.c.  | 4,058.2             | 1.4          |
| <b>Top Ten Commodities</b> |   | <b>226,229.2</b>    | <b>74.3</b>  | <b>Top Ten Commodities</b> |   | <b>221,896.7</b>    | <b>73.9</b>  |
| <b>Others</b>              |   | <b>78,049.6</b>     | <b>25.7</b>  | <b>Others</b>              |   | <b>78,395.7</b>     | <b>26.1</b>  |
| <b>Total</b>               |   | <b>304,278.8</b>    | <b>100.0</b> | <b>Total</b>               |   | <b>300,292.4</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.18. Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 11,746.7            | 30.0         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,308.6             | 16.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 3,859.4             | 9.8          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 3,268.4             | 8.3          |
| 39                         | Plastics and articles thereof   | 1,380.5             | 3.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 862.2               | 2.2          |
| 21                         | Miscellaneous edible preparations   | 639.7               | 1.6          |
| 73                         | Iron or steel articles  | 622.1               | 1.6          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 605.7               | 1.5          |
| 40                         | Rubber and articles thereof   | 533.9               | 1.4          |
| <b>Top Ten Commodities</b> |   | <b>29,827.1</b>     | <b>76.1</b>  |
| <b>Others</b>              |   | <b>9,382.3</b>      | <b>23.9</b>  |
| <b>Total</b>               |   | <b>39,209.4</b>     | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,346.1             | 23.5         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,427.3             | 15.3         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,032.9             | 11.4         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 3,234.2             | 9.1          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,439.3             | 4.1          |
| 39                         | Plastics and articles thereof   | 1,159.0             | 3.3          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 866.4               | 2.4          |
| 21                         | Miscellaneous edible preparations   | 669.1               | 1.9          |
| 40                         | Rubber and articles thereof   | 596.1               | 1.7          |
| 73                         | Iron or steel articles  | 523.0               | 1.5          |
| <b>Top Ten Commodities</b> |   | <b>26,293.3</b>     | <b>74.2</b>  |
| <b>Others</b>              |   | <b>9,147.8</b>      | <b>25.8</b>  |
| <b>Total</b>               |   | <b>35,441.1</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$



**Table 5.19. Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,073.9             | 29.9         |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 2,736.5             | 10.2         |
| 10                         | Cereals   | 1,785.6             | 6.6          |
| 26                         | Ores, slag and ash  | 1,586.3             | 5.9          |
| 02                         | Meat and edible meat offal  | 1,095.2             | 4.1          |
| 01                         | Animals; live   | 997.4               | 3.7          |
| 74                         | Copper and articles thereof   | 867.4               | 3.2          |
| 76                         | Aluminium and articles thereof  | 732.5               | 2.7          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 694.6               | 2.6          |
| 72                         | Iron and steel  | 669.3               | 2.5          |
| <b>Top Ten Commodities</b> |   | <b>19,238.6</b>     | <b>71.4</b>  |
| <b>Others</b>              |   | <b>7,720.2</b>      | <b>28.6</b>  |
| <b>Total</b>               |   | <b>26,958.7</b>     | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 9,840.6             | 35.6         |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 2,341.0             | 8.5          |
| 26                         | Ores, slag and ash  | 1,462.4             | 5.3          |
| 10                         | Cereals   | 1,460.9             | 5.3          |
| 74                         | Copper and articles thereof   | 1,173.5             | 4.2          |
| 01                         | Animals; live   | 1,066.0             | 3.9          |
| 02                         | Meat and edible meat offal  | 1,035.1             | 3.7          |
| 76                         | Aluminium and articles thereof  | 758.1               | 2.7          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 576.8               | 2.1          |
| 72                         | Iron and steel  | 561.5               | 2.0          |
| <b>Top Ten Commodities</b> |   | <b>20,275.8</b>     | <b>73.3</b>  |
| <b>Others</b>              |   | <b>7,373.9</b>      | <b>26.7</b>  |
| <b>Total</b>               |   | <b>27,649.8</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.20. Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2018-2019**

| 2018                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 1,564.9             | 17.9         |
| 61                         | Apparel and clothing accessories; knitted or crocheted   | 1,077.7             | 12.3         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 851.1               | 9.8          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 570.9               | 6.5          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 496.4               | 5.7          |
| 40                         | Rubber and articles thereof  | 433.0               | 5.0          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 313.9               | 3.6          |
| 94                         | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 302.1               | 3.5          |
| 03                         | Fish and crustaceans, molluscs and other aquatic invertebrates   | 242.3               | 2.8          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof   | 204.0               | 2.3          |
| <b>Top Ten Commodities</b> |  | <b>6,056.3</b>      | <b>69.4</b>  |
| <b>Others</b>              |  | <b>2,671.9</b>      | <b>30.6</b>  |
| <b>Total</b>               |  | <b>8,728.2</b>      | <b>100.0</b> |

| 2019                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 1,897.3             | 19.0         |
| 61                         | Apparel and clothing accessories; knitted or crocheted   | 1,128.3             | 11.3         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 991.2               | 10.0         |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 747.8               | 7.5          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 570.0               | 5.7          |
| 40                         | Rubber and articles thereof  | 434.6               | 4.4          |
| 94                         | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 347.5               | 3.5          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 326.0               | 3.3          |
| 88                         | Aircraft, spacecraft and parts thereof   | 302.4               | 3.0          |
| 72                         | Iron and steel   | 253.0               | 2.5          |
| <b>Top Ten Commodities</b> |  | <b>6,997.9</b>      | <b>70.3</b>  |
| <b>Others</b>              |  | <b>2,962.5</b>      | <b>29.7</b>  |
| <b>Total</b>               |  | <b>9,960.4</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.21. Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 10                         | Cereals   | 916.9               | 13.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 835.7               | 11.9         |
| 31                         | Fertilizers   | 830.3               | 11.9         |
| 47                         | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 697.0               | 10.0         |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 449.6               | 6.4          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 366.9               | 5.2          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 341.2               | 4.9          |
| 88                         | Aircraft, spacecraft and parts thereof  | 282.3               | 4.0          |
| 44                         | Wood and articles of wood; wood charcoal  | 254.4               | 3.6          |
| 12                         | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 193.8               | 2.8          |
| <b>Top Ten Commodities</b> |   | <b>5,168.2</b>      | <b>73.8</b>  |
| <b>Others</b>              |   | <b>1,834.6</b>      | <b>26.2</b>  |
| <b>Total</b>               |   | <b>7,002.8</b>      | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 1,180.4             | 16.4         |
| 10                         | Cereals   | 974.4               | 13.6         |
| 31                         | Fertilizers   | 644.2               | 9.0          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 517.9               | 7.2          |
| 47                         | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 490.7               | 6.8          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 393.7               | 5.5          |
| 88                         | Aircraft, spacecraft and parts thereof  | 295.9               | 4.1          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 278.8               | 3.9          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 225.1               | 3.1          |
| 12                         | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 214.7               | 3.0          |
| <b>Top Ten Commodities</b> |   | <b>5,216.0</b>      | <b>72.6</b>  |
| <b>Others</b>              |   | <b>1,965.6</b>      | <b>27.4</b>  |
| <b>Total</b>               |   | <b>7,181.5</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.22. Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 54,039.5            | 27.3         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 22,652.5            | 11.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 15,071.7            | 7.6          |
| 39                         | Plastics and articles thereof   | 12,489.7            | 6.3          |
| 29                         | Organic chemicals   | 9,023.6             | 4.6          |
| 40                         | Rubber and articles thereof   | 8,875.5             | 4.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 8,356.7             | 4.2          |
| 08                         | Fruit and nuts, edible; peel of citrus fruit or melons  | 4,694.9             | 2.4          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,594.1             | 2.3          |
| 26                         | Ores, slag and ash  | 3,768.9             | 1.9          |
| <b>Top Ten Commodities</b> |   | <b>143,567.1</b>    | <b>72.6</b>  |
| <b>Others</b>              |   | <b>54,112.4</b>     | <b>27.4</b>  |
| <b>Total</b>               |   | <b>197,679.5</b>    | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 54,005.4            | 26.7         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 21,741.1            | 10.7         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 14,600.7            | 7.2          |
| 39                         | Plastics and articles thereof   | 13,011.2            | 6.4          |
| 40                         | Rubber and articles thereof   | 8,201.2             | 4.0          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 7,914.9             | 3.9          |
| 29                         | Organic chemicals   | 7,139.9             | 3.5          |
| 08                         | Fruit and nuts, edible; peel of citrus fruit or melons  | 6,487.6             | 3.2          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 6,162.4             | 3.0          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 5,209.7             | 2.6          |
| <b>Top Ten Commodities</b> |   | <b>144,474.0</b>    | <b>71.3</b>  |
| <b>Others</b>              |   | <b>58,076.0</b>     | <b>28.7</b>  |
| <b>Total</b>               |   | <b>202,550.0</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.23. Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 85,520.5            | 30.0         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 47,605.6            | 16.7         |
| 72                         | Iron and steel  | 14,922.1            | 5.2          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 13,661.4            | 4.8          |
| 39                         | Plastics and articles thereof   | 10,852.9            | 3.8          |
| 73                         | Iron or steel articles  | 9,792.0             | 3.4          |
| 29                         | Organic chemicals   | 5,894.7             | 2.1          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,447.5             | 1.9          |
| 60                         | Fabrics; knitted or crocheted   | 5,352.8             | 1.9          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,260.8             | 1.8          |
| <b>Top Ten Commodities</b> |   | <b>204,310.3</b>    | <b>71.7</b>  |
| <b>Others</b>              |   | <b>80,504.0</b>     | <b>28.3</b>  |
| <b>Total</b>               |   | <b>284,814.3</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 90,341.6            | 29.6         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 52,485.0            | 17.2         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 17,309.7            | 5.7          |
| 39                         | Plastics and articles thereof   | 12,494.8            | 4.1          |
| 72                         | Iron and steel  | 12,316.0            | 4.0          |
| 73                         | Iron or steel articles  | 9,995.4             | 3.3          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,502.8             | 2.1          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,332.5             | 2.1          |
| 60                         | Fabrics; knitted or crocheted   | 5,854.4             | 1.9          |
| 29                         | Organic chemicals   | 5,778.5             | 1.9          |
| <b>Top Ten Commodities</b> |   | <b>219,410.6</b>    | <b>71.8</b>  |
| <b>Others</b>              |   | <b>86,002.6</b>     | <b>28.2</b>  |
| <b>Total</b>               |   | <b>305,413.2</b>    | <b>100.0</b> |

**Table 5.24. Top Ten Goods Exported from ASEAN to EU-28 by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 46,692.7            | 29.0         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,198.0            | 13.2         |
| 64                         | Footwear; gaiters and the like; parts of such articles  | 7,472.7             | 4.6          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,690.5             | 4.2          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 6,237.0             | 3.9          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 6,083.0             | 3.8          |
| 29                         | Organic chemicals   | 5,522.9             | 3.4          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,858.6             | 3.0          |
| 99                         | Other products  | 4,773.1             | 3.0          |
| 40                         | Rubber and articles thereof   | 4,630.3             | 2.9          |
| <b>Top Ten Commodities</b> |   | <b>114,158.8</b>    | <b>71.0</b>  |
| <b>Others</b>              |   | <b>46,619.8</b>     | <b>29.0</b>  |
| <b>Total</b>               |   | <b>160,778.6</b>    | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 44,633.0            | 29.0         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 19,530.7            | 12.7         |
| 64                         | Footwear; gaiters and the like; parts of such articles  | 7,590.9             | 4.9          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 7,089.0             | 4.6          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,776.4             | 4.4          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 6,105.3             | 4.0          |
| 40                         | Rubber and articles thereof   | 4,723.1             | 3.1          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 4,515.4             | 2.9          |
| 29                         | Organic chemicals   | 4,209.1             | 2.7          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,112.9             | 2.7          |
| <b>Top Ten Commodities</b> |   | <b>109,285.8</b>    | <b>70.9</b>  |
| <b>Others</b>              |   | <b>44,822.0</b>     | <b>29.1</b>  |
| <b>Total</b>               |   | <b>154,107.8</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.25. Top Ten Goods Imported to ASEAN from EU-28 by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 24,506.5            | 19.3         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 19,795.5            | 15.6         |
| 88                         | Aircraft, spacecraft and parts thereof  | 11,066.1            | 8.7          |
| 30                         | Pharmaceutical products   | 6,425.7             | 5.0          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,300.4             | 4.9          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,227.4             | 4.9          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,009.1             | 4.7          |
| 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 3,705.4             | 2.9          |
| 39                         | Plastics and articles thereof   | 3,137.8             | 2.5          |
| 22                         | Beverages, spirits and vinegar  | 2,935.2             | 2.3          |
| <b>Top Ten Commodities</b> |   | <b>90,109.2</b>     | <b>70.8</b>  |
| <b>Others</b>              |   | <b>37,179.6</b>     | <b>29.2</b>  |
| <b>Total</b>               |   | <b>127,288.8</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 26,100.4            | 20.6         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 19,994.1            | 15.8         |
| 88                         | Aircraft, spacecraft and parts thereof  | 9,207.1             | 7.3          |
| 30                         | Pharmaceutical products   | 7,287.5             | 5.8          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,327.2             | 5.0          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,274.0             | 5.0          |
| 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 3,988.9             | 3.1          |
| 39                         | Plastics and articles thereof   | 3,305.1             | 2.6          |
| 29                         | Organic chemicals   | 2,974.4             | 2.3          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,961.7             | 2.3          |
| <b>Top Ten Commodities</b> |   | <b>88,420.3</b>     | <b>69.8</b>  |
| <b>Others</b>              |   | <b>38,290.4</b>     | <b>30.2</b>  |
| <b>Total</b>               |   | <b>126,710.7</b>    | <b>100.0</b> |

**Table 5.26. Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,942.0             | 17.7         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 8,817.9             | 17.4         |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 5,181.9             | 10.2         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,669.1             | 9.2          |
| 29                         | Organic chemicals   | 2,651.5             | 5.2          |
| 39                         | Plastics and articles thereof   | 2,360.9             | 4.7          |
| 74                         | Copper and articles thereof   | 1,549.7             | 3.1          |
| 72                         | Iron and steel  | 1,436.5             | 2.8          |
| 40                         | Rubber and articles thereof   | 1,387.2             | 2.7          |
| 38                         | Chemical products n.e.c.  | 1,116.1             | 2.2          |
| <b>Top Ten Commodities</b> |   | <b>38,112.6</b>     | <b>75.3</b>  |
| <b>Others</b>              |   | <b>12,501.0</b>     | <b>24.7</b>  |
| <b>Total</b>               |   | <b>50,613.6</b>     | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 8,452.9             | 17.5         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,420.9             | 17.4         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,534.1             | 9.4          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,463.1             | 9.2          |
| 39                         | Plastics and articles thereof   | 2,256.4             | 4.7          |
| 29                         | Organic chemicals   | 1,968.9             | 4.1          |
| 72                         | Iron and steel  | 1,562.1             | 3.2          |
| 74                         | Copper and articles thereof   | 1,475.4             | 3.1          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,443.6             | 3.0          |
| 40                         | Rubber and articles thereof   | 1,217.0             | 2.5          |
| <b>Top Ten Commodities</b> |   | <b>35,794.2</b>     | <b>74.1</b>  |
| <b>Others</b>              |   | <b>12,505.4</b>     | <b>25.9</b>  |
| <b>Total</b>               |   | <b>48,299.7</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$



**Table 5.27. Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,994.4             | 23.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 2,531.9             | 8.3          |
| 29                         | Organic chemicals   | 2,211.8             | 7.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,785.9             | 5.9          |
| 72                         | Iron and steel  | 1,559.1             | 5.1          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,420.3             | 4.7          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,217.7             | 4.0          |
| 30                         | Pharmaceutical products   | 1,052.3             | 3.5          |
| 02                         | Meat and edible meat offal  | 944.5               | 3.1          |
| 52                         | Cotton  | 944.5               | 3.1          |
| <b>Top Ten Commodities</b> |   | <b>20,662.6</b>     | <b>68.1</b>  |
| <b>Others</b>              |   | <b>9,667.7</b>      | <b>31.9</b>  |
| <b>Total</b>               |   | <b>30,330.3</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,994.4             | 24.3         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 2,531.9             | 8.8          |
| 29                         | Organic chemicals   | 2,211.8             | 7.7          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,785.9             | 6.2          |
| 72                         | Iron and steel  | 1,559.1             | 5.4          |
| 76                         | Aluminium and articles thereof  | 938.9               | 3.3          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,420.3             | 4.9          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,217.7             | 4.2          |
| 30                         | Pharmaceutical products   | 1,052.3             | 3.7          |
| 02                         | Meat and edible meat offal  | 944.5               | 3.3          |
| <b>Top Ten Commodities</b> |   | <b>20,656.9</b>     | <b>71.7</b>  |
| <b>Others</b>              |   | <b>8,141.2</b>      | <b>28.3</b>  |
| <b>Total</b>               |   | <b>28,798.1</b>     | <b>100.0</b> |

**Table 5.28. Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 25,409.6            | 22.1         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 14,859.6            | 12.9         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 11,620.7            | 10.1         |
| 39                         | Plastics and articles thereof   | 4,795.6             | 4.2          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 3,670.5             | 3.2          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 3,619.0             | 3.2          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 3,356.2             | 2.9          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 3,340.9             | 2.9          |
| 44                         | Wood and articles of wood; wood charcoal  | 3,146.7             | 2.7          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof  | 2,816.6             | 2.5          |
| <b>Top Ten Commodities</b> |   | <b>76,635.5</b>     | <b>66.8</b>  |
| <b>Others</b>              |   | <b>38,131.8</b>     | <b>33.2</b>  |
| <b>Total</b>               |   | <b>114,767.3</b>    | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 25,856.6            | 23.5         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 11,917.7            | 10.8         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 11,003.8            | 10.0         |
| 39                         | Plastics and articles thereof   | 4,571.9             | 4.2          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 3,851.3             | 3.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 3,766.8             | 3.4          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 3,329.8             | 3.0          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof  | 3,128.2             | 2.8          |
| 44                         | Wood and articles of wood; wood charcoal  | 3,046.9             | 2.8          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 2,991.0             | 2.7          |
| <b>Top Ten Commodities</b> |   | <b>73,463.9</b>     | <b>66.8</b>  |
| <b>Others</b>              |   | <b>36,446.6</b>     | <b>33.2</b>  |
| <b>Total</b>               |   | <b>109,910.5</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.29. Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 27,053.2            | 23.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 22,780.6            | 19.5         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 12,019.6            | 10.3         |
| 72                         | Iron and steel  | 9,996.9             | 8.6          |
| 39                         | Plastics and articles thereof   | 5,798.0             | 5.0          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,508.4             | 3.9          |
| 73                         | Iron or steel articles  | 3,968.5             | 3.4          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 3,850.3             | 3.3          |
| 74                         | Copper and articles thereof   | 2,467.3             | 2.1          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,312.2             | 2.0          |
| <b>Top Ten Commodities</b> |   | <b>94,755.0</b>     | <b>81.1</b>  |
| <b>Others</b>              |   | <b>22,126.9</b>     | <b>18.9</b>  |
| <b>Total</b>               |   | <b>116,881.9</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 27,928.7            | 24.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,863.3            | 18.8         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 11,967.0            | 10.3         |
| 72                         | Iron and steel  | 10,046.0            | 8.7          |
| 39                         | Plastics and articles thereof   | 5,919.2             | 5.1          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,967.0             | 4.3          |
| 73                         | Iron or steel articles  | 3,854.8             | 3.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 2,688.1             | 2.3          |
| 38                         | Chemical products n.e.c.  | 2,153.8             | 1.9          |
| 74                         | Copper and articles thereof   | 2,151.8             | 1.9          |
| <b>Top Ten Commodities</b> |   | <b>93,539.8</b>     | <b>80.6</b>  |
| <b>Others</b>              |   | <b>22,578.9</b>     | <b>19.4</b>  |
| <b>Total</b>               |   | <b>116,118.7</b>    | <b>100.0</b> |

**Table 5.30. Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 17,616.5            | 29.1         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,158.6             | 13.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 5,333.4             | 8.8          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 2,784.1             | 4.6          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 2,645.5             | 4.4          |
| 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 1,803.6             | 3.0          |
| 44                         | Wood and articles of wood; wood charcoal  | 1,698.9             | 2.8          |
| 72                         | Iron and steel  | 1,444.3             | 2.4          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 1,391.7             | 2.3          |
| 38                         | Chemical products n.e.c.  | 1,179.7             | 2.0          |
| <b>Top Ten Commodities</b> |   | <b>44,056.3</b>     | <b>72.8</b>  |
| <b>Others</b>              |   | <b>16,429.4</b>     | <b>27.2</b>  |
| <b>Total</b>               |   | <b>60,485.7</b>     | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 18,457.2            | 31.1         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,262.4             | 10.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 5,577.5             | 9.4          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 2,720.8             | 4.6          |
| 90                         | Optical, photographic, cinematographic, measuring, c hecking, medical or surgical instruments and apparatus; parts and accessories  | 2,442.1             | 4.1          |
| 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 2,419.7             | 4.1          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 1,497.6             | 2.5          |
| 44                         | Wood and articles of wood; wood charcoal  | 1,354.8             | 2.3          |
| 72                         | Iron and steel  | 1,292.5             | 2.2          |
| 38                         | Chemical products n.e.c.  | 1,119.0             | 1.9          |
| <b>Top Ten Commodities</b> |   | <b>43,143.6</b>     | <b>72.7</b>  |
| <b>Others</b>              |   | <b>16,236.3</b>     | <b>27.3</b>  |
| <b>Total</b>               |   | <b>59,379.9</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.31. Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 43,553.4            | 43.1         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 10,521.5            | 10.4         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 7,326.7             | 7.3          |
| 39                         | Plastics and articles thereof   | 6,033.7             | 6.0          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,009.7             | 5.0          |
| 72                         | Iron and steel  | 4,663.0             | 4.6          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,847.2             | 1.8          |
| 40                         | Rubber and articles thereof   | 1,587.6             | 1.6          |
| 60                         | Fabrics; knitted or crocheted   | 1,525.5             | 1.5          |
| 29                         | Organic chemicals   | 1,523.4             | 1.5          |
| <b>Top Ten Commodities</b> |   | <b>83,591.7</b>     | <b>82.7</b>  |
| <b>Others</b>              |   | <b>17,433.3</b>     | <b>17.3</b>  |
| <b>Total</b>               |   | <b>101,025.0</b>    | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 39,938.3            | 41.1         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 10,726.6            | 11.0         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 7,442.8             | 7.7          |
| 39                         | Plastics and articles thereof   | 5,854.5             | 6.0          |
| 72                         | Iron and steel  | 5,053.5             | 5.2          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,064.1             | 4.2          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 2,289.3             | 2.4          |
| 73                         | Iron or steel articles  | 1,542.0             | 1.6          |
| 40                         | Rubber and articles thereof   | 1,519.0             | 1.6          |
| 60                         | Fabrics; knitted or crocheted   | 1,439.3             | 1.5          |
| <b>Top Ten Commodities</b> |   | <b>79,869.1</b>     | <b>82.2</b>  |
| <b>Others</b>              |   | <b>17,257.4</b>     | <b>17.8</b>  |
| <b>Total</b>               |   | <b>97,126.6</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.32. Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 1,390.6             | 22.8         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 918.0               | 15.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 854.8               | 14.0         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 533.7               | 8.8          |
| 39                         | Plastics and articles thereof   | 282.4               | 4.6          |
| 23                         | Food industries, residues and wastes thereof; prepared animal fodder  | 247.7               | 4.1          |
| 88                         | Aircraft, spacecraft and parts thereof  | 151.2               | 2.5          |
| 21                         | Miscellaneous edible preparations   | 116.2               | 1.9          |
| 40                         | Rubber and articles thereof   | 108.8               | 1.8          |
| 48                         | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 100.2               | 1.6          |
| <b>Top Ten Commodities</b> |   | <b>4,703.7</b>      | <b>77.2</b>  |
| <b>Others</b>              |   | <b>1,389.7</b>      | <b>22.8</b>  |
| <b>Total</b>               |   | <b>6,093.5</b>      | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 1,229.7             | 20.5         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 1,097.8             | 18.3         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 899.0               | 15.0         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 536.2               | 8.9          |
| 39                         | Plastics and articles thereof   | 237.8               | 4.0          |
| 23                         | Food industries, residues and wastes thereof; prepared animal fodder  | 188.7               | 3.1          |
| 21                         | Miscellaneous edible preparations   | 114.7               | 1.9          |
| 48                         | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 101.3               | 1.7          |
| 40                         | Rubber and articles thereof   | 100.6               | 1.7          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 99.1                | 1.7          |
| <b>Top Ten Commodities</b> |   | <b>4,604.9</b>      | <b>76.7</b>  |
| <b>Others</b>              |   | <b>1,396.1</b>      | <b>23.3</b>  |
| <b>Total</b>               |   | <b>6,000.9</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.33. Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2018-2019**

| 2018                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 04                         | Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included | 2,069.7             | 48.9         |
| 47                         | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard               | 234.3               | 5.5          |
| 02                         | Meat and edible meat offal   | 207.6               | 4.9          |
| 44                         | Wood and articles of wood; wood charcoal   | 200.6               | 4.7          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes             | 180.8               | 4.3          |
| 08                         | Fruit and nuts, edible; peel of citrus fruit or melons   | 164.4               | 3.9          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof                                    | 107.8               | 2.5          |
| 35                         | Albuminoid substances; modified starches; glues; enzymes   | 107.4               | 2.5          |
| 72                         | Iron and steel   | 105.0               | 2.5          |
| 21                         | Miscellaneous edible preparations  | 87.4                | 2.1          |
| <b>Top Ten Commodities</b> |  | <b>3,464.8</b>      | <b>81.9</b>  |
| <b>Others</b>              |  | <b>763.7</b>        | <b>18.1</b>  |
| <b>Total</b>               |  | <b>4,228.6</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 04                         | Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included | 2,108.3             | 48.6         |
| 08                         | Fruit and nuts, edible; peel of citrus fruit or melons   | 232.6               | 5.4          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof                                    | 230.9               | 5.3          |
| 44                         | Wood and articles of wood; wood charcoal   | 185.5               | 4.3          |
| 02                         | Meat and edible meat offal   | 169.4               | 3.9          |
| 47                         | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard               | 147.5               | 3.4          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes             | 145.0               | 3.3          |
| 21                         | Miscellaneous edible preparations  | 135.9               | 3.1          |
| 19                         | Preparations of cereals, flour, starch or milk; pastrycooks' products  | 126.6               | 2.9          |
| 48                         | Paper and paperboard; articles of paper pulp, of paper or paperboard   | 97.2                | 2.2          |
| <b>Top Ten Commodities</b> |  | <b>3,578.9</b>      | <b>82.5</b>  |
| <b>Others</b>              |  | <b>761.4</b>        | <b>17.5</b>  |
| <b>Total</b>               |  | <b>4,340.3</b>      | <b>100.0</b> |

**Table 5.34. Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,958.1             | 32.9         |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 583.3               | 9.8          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 490.7               | 8.2          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 429.6               | 7.2          |
| 40                         | Rubber and articles thereof   | 275.2               | 4.6          |
| 09                         | Coffee, tea, mate and spices  | 198.2               | 3.3          |
| 64                         | Footwear; gaiters and the like; parts of such articles  | 187.7               | 3.1          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 140.1               | 2.4          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 130.6               | 2.2          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 129.4               | 2.2          |
| <b>Top Ten Commodities</b> |   | <b>4,522.9</b>      | <b>75.9</b>  |
| <b>Others</b>              |   | <b>1,436.6</b>      | <b>24.1</b>  |
| <b>Total</b>               |   | <b>5,959.4</b>      | <b>100.0</b> |

| 2019                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 2,066.5             | 33.9         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 519.6               | 8.5          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 469.3               | 7.7          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 354.5               | 5.8          |
| 40                         | Rubber and articles thereof   | 263.9               | 4.3          |
| 64                         | Footwear; gaiters and the like; parts of such articles  | 228.0               | 3.7          |
| 09                         | Coffee, tea, mate and spices  | 189.9               | 3.1          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 185.2               | 3.0          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 177.7               | 2.9          |
| 03                         | Fish and crustaceans, molluscs and other aquatic invertebrates  | 127.0               | 2.1          |
| <b>Top Ten Commodities</b> |   | <b>4,581.7</b>      | <b>75.1</b>  |
| <b>Others</b>              |   | <b>1,521.4</b>      | <b>24.9</b>  |
| <b>Total</b>               |   | <b>6,103.1</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$



**Table 5.35. Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2018-2019**

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,493.0             | 60.5         |
| 72                         | Iron and steel  | 2,079.1             | 14.8         |
| 10                         | Cereals   | 1,210.5             | 8.6          |
| 31                         | Fertilizers   | 791.6               | 5.6          |
| 76                         | Aluminium and articles thereof  | 225.3               | 1.6          |
| 03                         | Fish and crustaceans, molluscs and other aquatic invertebrates  | 140.4               | 1.0          |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 105.1               | 0.7          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 104.1               | 0.7          |
| 40                         | Rubber and articles thereof   | 96.7                | 0.7          |
| 48                         | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 94.3                | 0.7          |
| <b>Top Ten Commodities</b> |   | <b>13,340.2</b>     | <b>95.0</b>  |
| <b>Others</b>              |   | <b>706.6</b>        | <b>5.0</b>   |
| <b>Total</b>               |   | <b>14,046.8</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes | 7,547.3             | 62.4         |
| 72                         | Iron and steel   | 1,813.9             | 15.0         |
| 31                         | Fertilizers  | 660.2               | 5.5          |
| 10                         | Cereals  | 445.3               | 3.7          |
| 76                         | Aluminium and articles thereof   | 173.0               | 1.4          |
| 03                         | Fish and crustaceans, molluscs and other aquatic invertebrates                                       | 167.3               | 1.4          |
| 26                         | Ores, slag and ash   | 132.0               | 1.1          |
| 48                         | Paper and paperboard; articles of paper pulp, of paper or paperboard                                 | 129.6               | 1.1          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof             | 114.0               | 0.9          |
| 40                         | Rubber and articles thereof  | 108.2               | 0.9          |
| <b>Top Ten Commodities</b> |  | <b>11,290.9</b>     | <b>93.4</b>  |
| <b>Others</b>              |  | <b>804.1</b>        | <b>6.6</b>   |
| <b>Total</b>               |  | <b>12,094.9</b>     | <b>100.0</b> |

**Table 5.36. Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2018-2019**

| 2018                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 39,626.2            | 24.7         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 23,372.5            | 14.6         |
| 61                         | Apparel and clothing accessories; knitted or crocheted   | 13,510.4            | 8.4          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 8,856.2             | 5.5          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 7,629.5             | 4.8          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories  | 7,358.5             | 4.6          |
| 40                         | Rubber and articles thereof  | 7,320.6             | 4.6          |
| 94                         | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 5,997.0             | 3.7          |
| 21                         | Miscellaneous edible preparations  | 3,374.6             | 2.1          |
| 03                         | Fish and crustaceans, molluscs and other aquatic invertebrates   | 2,681.8             | 1.7          |
| <b>Top Ten Commodities</b> |  | <b>119,727.2</b>    | <b>74.7</b>  |
| <b>Others</b>              |  | <b>40,534.0</b>     | <b>25.3</b>  |
| <b>Total</b>               |  | <b>160,261.2</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

| 2019                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| HS                         | Commodities  | Value <sup>1)</sup> | Share (%)    |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 49,693.9            | 27.0         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 26,097.1            | 14.2         |
| 61                         | Apparel and clothing accessories; knitted or crocheted   | 13,891.6            | 7.6          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 9,886.4             | 5.4          |
| 94                         | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 9,060.4             | 4.9          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 8,684.9             | 4.7          |
| 40                         | Rubber and articles thereof  | 8,259.7             | 4.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories  | 8,240.2             | 4.5          |
| 42                         | Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk-worm gut)  | 3,622.0             | 2.0          |
| 21                         | Miscellaneous edible preparations  | 3,420.8             | 1.9          |
| <b>Top Ten Commodities</b> |  | <b>140,856.7</b>    | <b>76.6</b>  |
| <b>Others</b>              |  | <b>42,937.5</b>     | <b>23.4</b>  |
| <b>Total</b>               |  | <b>183,794.3</b>    | <b>100.0</b> |

**Table 5.37. Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2018-2019**

| 2018                         |   |                     |              |
|------------------------------|---|---------------------|--------------|
| HS                           | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                           | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,254.1            | 20.7         |
| 85                           | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 19,960.2            | 19.4         |
| 88                           | Aircraft, spacecraft and parts thereof  | 8,939.2             | 8.7          |
| 90                           | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,021.0             | 5.9          |
| 27                           | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 5,683.2             | 5.5          |
| 39                           | Plastics and articles thereof   | 3,889.8             | 3.8          |
| 23                           | Food industries, residues and wastes thereof; prepared animal fodder  | 3,096.8             | 3.0          |
| 52                           | Cotton  | 2,617.8             | 2.5          |
| 38                           | Chemical products n.e.c.  | 2,586.0             | 2.5          |
| 12                           | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,509.5             | 2.4          |
| <b>Ten Major Commodities</b> |   | <b>76,557.4</b>     | <b>74.5</b>  |
| <b>Others</b>                |   | <b>26,182.2</b>     | <b>25.5</b>  |
| <b>Total</b>                 |   | <b>102,739.6</b>    | <b>100.0</b> |

| 2019                         |   |                     |              |
|------------------------------|---|---------------------|--------------|
| HS                           | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                           | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 23,809.5            | 21.5         |
| 85                           | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 21,289.2            | 19.2         |
| 88                           | Aircraft, spacecraft and parts thereof  | 9,013.1             | 8.1          |
| 90                           | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,469.6             | 5.8          |
| 27                           | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,275.2             | 5.7          |
| 39                           | Plastics and articles thereof   | 5,110.4             | 4.6          |
| 23                           | Food industries, residues and wastes thereof; prepared animal fodder  | 2,729.7             | 2.5          |
| 38                           | Chemical products n.e.c.  | 2,707.1             | 2.4          |
| 52                           | Cotton  | 2,426.1             | 2.2          |
| 12                           | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,278.5             | 2.1          |
| <b>Ten Major Commodities</b> |   | <b>82,108.3</b>     | <b>74.0</b>  |
| <b>Others</b>                |   | <b>28,890.7</b>     | <b>26.0</b>  |
| <b>Total</b>                 |   | <b>110,999.1</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in million US\$

**Table 5.38. Top Ten Intra-ASEAN Trade in Goods, 2019**

| Exports                |   |                    |                              |             |
|------------------------|---|--------------------|------------------------------|-------------|
| HS                     | Commodities   | To ASEAN (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)   |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 74,115.3           | 379,871.8                    | 19.5        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 63,308.1           | 141,795.1                    | 44.6        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 36,075.7           | 150,649.8                    | 23.9        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 16,727.0           | 47,405.0                     | 35.3        |
| 39                     | Plastics and articles thereof   | 14,133.8           | 46,275.4                     | 30.5        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 11,749.3           | 48,201.1                     | 24.4        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 7,166.6            | 44,239.8                     | 16.2        |
| 72                     | Iron and steel  | 6,978.5            | 19,344.9                     | 36.1        |
| 29                     | Organic chemicals   | 5,768.3            | 25,439.4                     | 22.7        |
| 73                     | Iron or steel articles  | 4,723.8            | 13,991.2                     | 33.8        |
| <b>Top Ten Exports</b> |   | <b>240,746.3</b>   | <b>917,213.4</b>             | <b>26.2</b> |
| <b>Others</b>          |   | <b>91,565.6</b>    | <b>506,616.8</b>             | <b>18.1</b> |
| <b>Total Exports</b>   |   | <b>332,311.9</b>   | <b>1,423,830.2</b>           | <b>23.3</b> |

| Imports                |   |                      |                              |             |
|------------------------|---|----------------------|------------------------------|-------------|
| HS                     | Commodities   | From ASEAN (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)   |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 65,544.0             | 203,925.4                    | 32.1        |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 65,296.0             | 326,444.2                    | 20.0        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 28,114.9             | 176,069.2                    | 16.0        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 17,195.8             | 49,021.1                     | 35.1        |
| 39                     | Plastics and articles thereof   | 12,175.5             | 57,024.0                     | 21.4        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 11,802.8             | 38,057.0                     | 31.0        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,280.4              | 39,096.1                     | 16.1        |
| 72                     | Iron and steel  | 5,855.5              | 48,613.2                     | 12.0        |
| 29                     | Organic chemicals   | 5,573.7              | 26,551.2                     | 21.0        |
| 38                     | Chemical products n.e.c.  | 4,058.2              | 19,501.7                     | 20.8        |
| <b>Top Ten Imports</b> |   | <b>221,896.7</b>     | <b>984,303.1</b>             | <b>22.5</b> |
| <b>Others</b>          |   | <b>78,395.7</b>      | <b>408,298.7</b>             | <b>19.2</b> |
| <b>Total Imports</b>   |   | <b>300,292.4</b>     | <b>1,392,601.8</b>           | <b>21.6</b> |

Source:  
ASEAN Secretariat

**Table 5.39. Top-Ten Traded Goods between Australia and ASEAN, 2019**

| Exports                |   |                        |                              |            |
|------------------------|---|------------------------|------------------------------|------------|
| HS                     | Commodities   | To Australia (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,346.1                | 141,795.1                    | 5.9        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,427.3                | 46,988.9                     | 11.6       |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,032.9                | 152,651.3                    | 2.6        |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 3,234.2                | 377,595.5                    | 0.9        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,439.3                | 47,375.4                     | 3.0        |
| 39                     | Plastics and articles thereof   | 1,159.0                | 44,237.6                     | 2.6        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 866.4                  | 10,678.2                     | 8.1        |
| 21                     | Miscellaneous edible preparations   | 669.1                  | 14,230.8                     | 4.7        |
| 40                     | Rubber and articles thereof   | 596.1                  | 40,981.3                     | 1.5        |
| 73                     | Iron or steel articles  | 523.0                  | 35,890.6                     | 1.5        |
| <b>Top Ten Exports</b> |   | <b>26,293.3</b>        | <b>912,424.7</b>             | <b>2.9</b> |
| <b>Others</b>          |   | <b>9,147.8</b>         | <b>511,405.6</b>             | <b>1.8</b> |
| <b>Total Exports</b>   |   | <b>35,441.1</b>        | <b>1,423,830.2</b>           | <b>2.5</b> |

| Imports                |   |                          |                              |            |
|------------------------|---|--------------------------|------------------------------|------------|
| HS                     | Commodities   | From Australia (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 9,840.6                  | 203,925.4                    | 4.8        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 2,341.0                  | 38,057.0                     | 6.2        |
| 26                     | Ores, slag and ash  | 1,462.4                  | 5,334.8                      | 27.4       |
| 10                     | Cereals   | 1,460.9                  | 12,834.5                     | 11.4       |
| 74                     | Copper and articles thereof   | 1,173.5                  | 13,779.0                     | 8.5        |
| 01                     | Animals; live   | 1,066.0                  | 1,917.3                      | 55.6       |
| 02                     | Meat and edible meat offal  | 1,035.1                  | 4,798.8                      | 21.6       |
| 76                     | Aluminium and articles thereof  | 758.1                    | 14,998.6                     | 5.1        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 576.8                    | 176,069.2                    | 0.3        |
| 72                     | Iron or steel   | 561.5                    | 48,613.2                     | 1.2        |
| <b>Top Ten Imports</b> |   | <b>20,275.8</b>          | <b>520,327.9</b>             | <b>3.9</b> |
| <b>Others</b>          |   | <b>7,373.9</b>           | <b>872,273.9</b>             | <b>0.8</b> |
| <b>Total Imports</b>   |   | <b>27,649.8</b>          | <b>1,392,601.8</b>           | <b>2.0</b> |

Source:  
ASEAN Secretariat

**Table 5.40. Top Ten Traded Goods between Canada and ASEAN, 2019**

| Exports                |  |                     |                              |            | Imports                |   |                       |                              |            |
|------------------------|--|---------------------|------------------------------|------------|------------------------|---|-----------------------|------------------------------|------------|
| HS                     | Commodities  | To Canada (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  | HS                     | Commodities   | From Canada (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 1,897.3             | 379,871.8                    | 0.5        | 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 1,180.4               | 176,069.2                    | 0.7        |
| 61                     | Apparel and clothing accessories; knitted or crocheted   | 1,128.3             | 29,914.0                     | 3.8        | 10                     | Cereals   | 974.4                 | 12,834.5                     | 7.6        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 991.2               | 150,649.8                    | 0.7        | 31                     | Fertilizers   | 644.2                 | 6,468.6                      | 10.0       |
| 62                     | Apparel and clothing accessories; not knitted or crocheted   | 747.8               | 28,022.2                     | 2.7        | 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 517.9                 | 326,444.2                    | 0.2        |
| 64                     | Footwear; gaiters and the like; parts of such articles   | 570.0               | 26,723.7                     | 2.1        | 47                     | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 490.7                 | 3,877.6                      | 12.7       |
| 40                     | Rubber and articles thereof  | 434.6               | 35,854.9                     | 1.2        | 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 393.7                 | 38,057.0                     | 1.0        |
| 94                     | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 347.5               | 17,338.2                     | 2.0        | 88                     | Aircraft, spacecraft and parts thereof  | 295.9                 | 21,796.7                     | 1.4        |
| 16                     | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 326.0               | 11,023.0                     | 3.0        | 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 278.8                 | 203,925.4                    | 0.1        |
| 88                     | Aircraft, spacecraft and parts thereof   | 302.4               | 12,527.8                     | 2.4        | 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 225.1                 | 39,096.1                     | 0.6        |
| 72                     | Iron and steel   | 253.0               | 19,344.9                     | 1.3        | 12                     | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 214.7                 | 4,942.3                      | 4.3        |
| <b>Top Ten Exports</b> |  | <b>6,997.9</b>      | <b>711,270.3</b>             | <b>1.0</b> | <b>Top Ten Imports</b> |   | <b>5,216.0</b>        | <b>833,511.6</b>             | <b>0.6</b> |
| <b>Others</b>          |  | <b>2,962.5</b>      | <b>712,559.9</b>             | <b>0.4</b> | <b>Others</b>          |   | <b>1,965.6</b>        | <b>559,090.2</b>             | <b>0.4</b> |
| <b>Total Exports</b>   |  | <b>9,960.4</b>      | <b>1,423,830.2</b>           | <b>0.7</b> | <b>Total Imports</b>   |   | <b>7,181.5</b>        | <b>1,392,601.8</b>           | <b>0.5</b> |

Source:  
ASEAN Secretariat

**Table 5.41. Top Ten Traded Goods between China and ASEAN, 2019**

| Exports                |   |                    |                              |             |
|------------------------|---|--------------------|------------------------------|-------------|
| HS                     | Commodities   | To China (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)   |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 54,005.4           | 379,871.8                    | 14.2        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 21,741.1           | 141,795.1                    | 15.3        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 14,600.7           | 150,649.8                    | 9.7         |
| 39                     | Plastics and articles thereof   | 13,011.2           | 46,275.4                     | 28.1        |
| 40                     | Rubber and articles thereof   | 8,201.2            | 35,854.9                     | 22.9        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 7,914.9            | 44,239.8                     | 17.9        |
| 29                     | Organic chemicals   | 7,139.9            | 25,439.4                     | 28.1        |
| 08                     | Fruit and nuts, edible; peel of citrus fruit or melons  | 6,487.6            | 14,247.1                     | 45.5        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 6,162.4            | 48,201.1                     | 12.8        |
| 15                     | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 5,209.7            | 31,043.6                     | 16.8        |
| <b>Top Ten Exports</b> |   | <b>144,474.0</b>   | <b>917,618.0</b>             | <b>15.7</b> |
| <b>Others</b>          |   | <b>58,076.0</b>    | <b>506,212.2</b>             | <b>11.5</b> |
| <b>Total Exports</b>   |   | <b>202,550.0</b>   | <b>1,423,830.2</b>           | <b>14.2</b> |

| Imports                |   |                      |                              |             |
|------------------------|---|----------------------|------------------------------|-------------|
| HS                     | Commodities   | From China (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)   |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 90,341.6             | 326,444.2                    | 27.7        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 52,485.0             | 176,069.2                    | 29.8        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 17,309.7             | 203,925.4                    | 8.5         |
| 39                     | Plastics and articles thereof   | 12,494.8             | 57,024.0                     | 21.9        |
| 72                     | Iron and steel  | 12,316.0             | 48,613.2                     | 25.3        |
| 73                     | Iron or steel articles  | 9,995.4              | 24,621.5                     | 40.6        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,502.8              | 49,021.1                     | 13.3        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,332.5              | 39,096.1                     | 16.2        |
| 60                     | Fabrics; knitted or crocheted   | 5,854.4              | 10,873.9                     | 53.8        |
| 29                     | Organic chemicals   | 5,778.5              | 26,551.2                     | 21.8        |
| <b>Top Ten Imports</b> |   | <b>219,410.6</b>     | <b>962,239.8</b>             | <b>22.8</b> |
| <b>Others</b>          |   | <b>86,002.6</b>      | <b>430,362.0</b>             | <b>20.0</b> |
| <b>Total Imports</b>   |   | <b>305,413.2</b>     | <b>1,392,601.8</b>           | <b>21.9</b> |

Source:  
ASEAN Secretariat

**Table 5.42. Top Ten Traded Goods between EU-28 and ASEAN, 2019**

| Exports                |   |                    |                              |             |
|------------------------|---|--------------------|------------------------------|-------------|
| HS                     | Commodities   | To EU-28 (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)   |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 44,633.0           | 379,871.8                    | 11.7        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 19,530.7           | 150,649.8                    | 13.0        |
| 64                     | Footwear; gaiters and the like; parts of such articles  | 7,590.9            | 26,723.7                     | 28.4        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 7,089.0            | 44,239.8                     | 16.0        |
| 62                     | Apparel and clothing accessories; not knitted or crocheted  | 6,776.4            | 28,022.2                     | 24.2        |
| 61                     | Apparel and clothing accessories; knitted or crocheted  | 6,105.3            | 29,914.0                     | 20.4        |
| 29                     | Organic chemicals   | 4,723.1            | 25,439.4                     | 18.6        |
| 15                     | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,515.4            | 31,043.6                     | 14.5        |
| 99                     | Other products  | 4,209.1            | 26,884.6                     | 15.7        |
| 40                     | Rubber and articles thereof   | 4,112.9            | 35,854.9                     | 11.5        |
| <b>Top Ten Exports</b> |   | <b>109,285.8</b>   | <b>778,643.7</b>             | <b>14.0</b> |
| <b>Others</b>          |   | <b>44,822.0</b>    | <b>645,186.5</b>             | <b>6.9</b>  |
| <b>Total Exports</b>   |   | <b>154,107.8</b>   | <b>1,423,830.2</b>           | <b>10.8</b> |

| Imports                |   |                      |                              |            |
|------------------------|---|----------------------|------------------------------|------------|
| HS                     | Commodities   | From EU-28 (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 26,100.4             | 176,069.2                    | 14.8       |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 19,994.1             | 326,444.2                    | 6.1        |
| 88                     | Aircraft, spacecraft and parts thereof  | 9,207.1              | 21,796.7                     | 42.2       |
| 30                     | Pharmaceutical products   | 7,287.5              | 14,288.7                     | 51.0       |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,327.2              | 39,096.1                     | 16.2       |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,274.0              | 49,021.1                     | 12.8       |
| 33                     | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 3,988.9              | 11,603.6                     | 34.4       |
| 39                     | Plastics and articles thereof   | 3,305.1              | 57,024.0                     | 5.8        |
| 29                     | Organic chemicals   | 2,974.4              | 26,551.2                     | 11.2       |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,961.7              | 203,925.4                    | 1.5        |
| <b>Top Ten Imports</b> |   | <b>88,420.3</b>      | <b>925,820.2</b>             | <b>9.6</b> |
| <b>Others</b>          |   | <b>38,290.4</b>      | <b>466,781.6</b>             | <b>8.2</b> |
| <b>Total Imports</b>   |   | <b>126,710.7</b>     | <b>1,392,601.8</b>           | <b>9.1</b> |

Source:  
ASEAN Secretariat



**Table 5.43. Top Ten Traded Goods between India and ASEAN, 2019**

| Exports                |  |                    |                              |            |
|------------------------|--|--------------------|------------------------------|------------|
| HS                     | Commodities  | To India (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories | 8,452.9            | 379,871.8                    | 2.2        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes   | 8,420.9            | 141,795.1                    | 5.9        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 4,534.1            | 150,649.8                    | 3.0        |
| 15                     | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes   | 4,463.1            | 31,043.6                     | 14.4       |
| 39                     | Plastics and articles thereof  | 2,256.4            | 46,275.4                     | 4.9        |
| 29                     | Organic chemicals  | 1,968.9            | 25,439.4                     | 7.7        |
| 72                     | Iron and steel   | 1,562.1            | 19,344.9                     | 8.1        |
| 74                     | Copper and articles thereof  | 1,475.4            | 11,555.7                     | 12.8       |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin        | 1,443.6            | 48,201.1                     | 3.0        |
| 40                     | Rubber and articles thereof  | 1,217.0            | 35,854.9                     | 3.4        |
| <b>Top Ten Exports</b> |  | <b>35,794.2</b>    | <b>890,031.6</b>             | <b>4.0</b> |
| <b>Others</b>          |  | <b>12,505.4</b>    | <b>533,798.6</b>             | <b>2.3</b> |
| <b>Total Exports</b>   |  | <b>48,299.7</b>    | <b>1,423,830.2</b>           | <b>3.4</b> |

| Imports                |   |                      |                              |            |
|------------------------|---|----------------------|------------------------------|------------|
| HS                     | Commodities   | From India (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,994.4              | 203,925.4                    | 3.4        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 2,531.9              | 176,069.2                    | 1.4        |
| 29                     | Organic chemicals   | 2,211.8              | 26,551.2                     | 8.3        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,785.9              | 38,057.0                     | 4.7        |
| 72                     | Iron and steel  | 1,559.1              | 48,613.2                     | 3.2        |
| 76                     | Aluminium and articles thereof  | 938.9                | 14,998.6                     | 6.3        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,420.3              | 49,021.1                     | 2.9        |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,217.7              | 326,444.2                    | 0.4        |
| 30                     | Pharmaceutical products   | 1,052.3              | 14,288.7                     | 7.4        |
| 02                     | Meat and edible meat offal  | 944.5                | 4,798.8                      | 19.7       |
| <b>Top Ten Imports</b> |   | <b>20,656.9</b>      | <b>902,767.5</b>             | <b>2.3</b> |
| <b>Others</b>          |   | <b>8,141.2</b>       | <b>489,834.3</b>             | <b>1.7</b> |
| <b>Total Imports</b>   |   | <b>28,798.1</b>      | <b>1,392,601.8</b>           | <b>2.1</b> |

Source:  
ASEAN Secretariat

**Table 5.44. Top Ten Traded Goods between Japan and ASEAN, 2019**

| Exports                |  |                    |                              |            |
|------------------------|--|--------------------|------------------------------|------------|
| HS                     | Commodities  | To Japan (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories | 25,856.6           | 379,871.8                    | 6.8        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes   | 11,917.7           | 141,795.1                    | 8.4        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 11,003.8           | 150,649.8                    | 7.3        |
| 39                     | Plastics and articles thereof  | 4,571.9            | 46,275.4                     | 9.9        |
| 62                     | Apparel and clothing accessories; not knitted or crocheted   | 3,851.3            | 28,022.2                     | 13.7       |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories                                  | 3,766.8            | 44,239.8                     | 8.5        |
| 61                     | Apparel and clothing accessories; knitted or crocheted   | 3,329.8            | 29,914.0                     | 11.1       |
| 16                     | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 3,128.2            | 11,023.0                     | 28.4       |
| 44                     | Wood and articles of wood; wood charcoal   | 3,046.9            | 13,796.6                     | 22.1       |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof   | 2,991.0            | 47,405.0                     | 6.3        |
| <b>Top Ten Exports</b> |  | <b>73,463.9</b>    | <b>892,992.7</b>             | <b>8.2</b> |
| <b>Others</b>          |  | <b>36,446.6</b>    | <b>530,837.5</b>             | <b>6.9</b> |
| <b>Total Exports</b>   |  | <b>109,910.5</b>   | <b>1,423,830.2</b>           | <b>7.7</b> |

| Imports                |  |                      |                              |             |
|------------------------|--|----------------------|------------------------------|-------------|
| HS                     | Commodities  | From Japan (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)   |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories | 27,928.7             | 326,444.2                    | 8.6         |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 21,863.3             | 176,069.2                    | 12.4        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof   | 11,967.0             | 49,021.1                     | 24.4        |
| 72                     | Iron and steel   | 10,046.0             | 48,613.2                     | 20.7        |
| 39                     | Plastics and articles thereof  | 5,919.2              | 57,024.0                     | 10.4        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories                                  | 4,967.0              | 39,096.1                     | 12.7        |
| 73                     | Iron or steel articles   | 3,854.8              | 24,621.5                     | 15.7        |
| 71                     | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin        | 2,688.1              | 38,057.0                     | 7.1         |
| 38                     | Chemical products n.e.c.   | 2,153.8              | 19,501.7                     | 11.0        |
| 74                     | Copper and articles thereof  | 2,151.8              | 13,779.0                     | 15.6        |
| <b>Top Ten Imports</b> |  | <b>93,539.8</b>      | <b>792,227.1</b>             | <b>11.8</b> |
| <b>Others</b>          |  | <b>22,578.9</b>      | <b>600,374.7</b>             | <b>3.8</b>  |
| <b>Total Imports</b>   |  | <b>116,118.7</b>     | <b>1,392,601.8</b>           | <b>8.3</b>  |

Source:  
ASEAN Secretariat

**Table 5.45. Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2019**

| Exports                |   |                  |                              |            | Imports                |   |                    |                              |            |
|------------------------|---|------------------|------------------------------|------------|------------------------|---|--------------------|------------------------------|------------|
| HS                     | Commodities   | To ROK (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  | HS                     | Commodities   | From ROK (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 18,457.2         | 379,871.8                    | 4.9        | 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 39,938.3           | 326,444.2                    | 12.2       |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,262.4          | 141,795.1                    | 4.4        | 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 10,726.6           | 203,925.4                    | 5.3        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 5,577.5          | 150,649.8                    | 3.7        | 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 7,442.8            | 176,069.2                    | 4.2        |
| 62                     | Apparel and clothing accessories; not knitted or crocheted  | 2,720.8          | 28,022.2                     | 9.7        | 39                     | Plastics and articles thereof   | 5,854.5            | 57,024.0                     | 10.3       |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 2,442.1          | 44,239.8                     | 5.5        | 72                     | Iron and steel  | 5,053.5            | 48,613.2                     | 10.4       |
| 33                     | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 2,419.7          | 13,980.5                     | 17.3       | 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,064.1            | 39,096.1                     | 10.4       |
| 61                     | Apparel and clothing accessories; knitted or crocheted  | 1,497.6          | 29,914.0                     | 5.0        | 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 2,289.3            | 49,021.1                     | 4.7        |
| 44                     | Wood and articles of wood; wood charcoal  | 1,354.8          | 13,796.6                     | 9.8        | 73                     | Iron or steel articles  | 1,542.0            | 24,621.5                     | 6.3        |
| 72                     | Iron and steel  | 1,292.5          | 19,344.9                     | 6.7        | 40                     | Rubber and articles thereof   | 1,519.0            | 13,385.7                     | 11.3       |
| 38                     | Chemical products n.e.c.  | 1,119.0          | 17,064.7                     | 6.6        | 60                     | Fabrics; knitted or crocheted   | 1,439.3            | 10,873.9                     | 13.2       |
| <b>Top Ten Exports</b> |   | <b>43,143.6</b>  | <b>838,679.4</b>             | <b>5.1</b> | <b>Top Ten Imports</b> |   | <b>79,869.1</b>    | <b>949,074.3</b>             | <b>8.4</b> |
| <b>Others</b>          |   | <b>16,236.3</b>  | <b>585,150.8</b>             | <b>2.8</b> | <b>Others</b>          |   | <b>17,257.4</b>    | <b>443,527.5</b>             | <b>3.9</b> |
| <b>Total Exports</b>   |   | <b>59,379.9</b>  | <b>1,423,830.2</b>           | <b>4.2</b> | <b>Total Imports</b>   |   | <b>97,126.6</b>    | <b>1,392,601.8</b>           | <b>7.0</b> |

Source:  
ASEAN Secretariat

**Table 5.46. Top Ten Traded Goods between New Zealand and ASEAN, 2019**

| Exports                |   |                          |                              |            |
|------------------------|---|--------------------------|------------------------------|------------|
| HS                     | Commodities   | To New Zealand (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 1,229.7                  | 150,649.8                    | 0.8        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 1,097.8                  | 141,795.1                    | 0.8        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 899.0                    | 47,405.0                     | 1.9        |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 536.2                    | 379,871.8                    | 0.1        |
| 39                     | Plastics and articles thereof   | 237.8                    | 46,275.4                     | 0.5        |
| 23                     | Food industries, residues and wastes thereof; prepared animal fodder  | 188.7                    | 4,214.1                      | 4.5        |
| 21                     | Miscellaneous edible preparations   | 114.7                    | 11,601.1                     | 1.0        |
| 48                     | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 101.3                    | 9,806.0                      | 1.0        |
| 40                     | Rubber and articles thereof   | 100.6                    | 35,854.9                     | 0.3        |
| 90                     | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 99.1                     | 44,239.8                     | 0.2        |
| <b>Top Ten Exports</b> |   | <b>4,604.9</b>           | <b>871,713.0</b>             | <b>0.5</b> |
| <b>Others</b>          |   | <b>1,396.1</b>           | <b>552,117.3</b>             | <b>0.3</b> |
| <b>Total Exports</b>   |   | <b>6,000.9</b>           | <b>1,423,830.2</b>           | <b>0.4</b> |

| Imports                |  |                            |                              |            |
|------------------------|--|----------------------------|------------------------------|------------|
| HS                     | Commodities  | From New Zealand (mn US\$) | Total ASEAN Import (mn US\$) | Share (%)  |
| 04                     | Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included | 2,108.3                    | 5,895.8                      | 35.8       |
| 08                     | Fruit and nuts, edible; peel of citrus fruit or melons   | 232.6                      | 7,442.2                      | 3.1        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof                                    | 230.9                      | 176,069.2                    | 0.1        |
| 44                     | Wood and articles of wood; wood charcoal   | 185.5                      | 5,394.0                      | 3.4        |
| 02                     | Meat and edible meat offal   | 169.4                      | 4,798.8                      | 3.5        |
| 47                     | Pulp of wood or other fibrous cellulosic material;   | 147.5                      | 3,877.6                      | 3.8        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes             | 145.0                      | 203,925.4                    | 0.1        |
| 21                     | Miscellaneous edible preparations  | 135.9                      | 7,073.3                      | 1.9        |
| 19                     | Preparations of cereals, flour, starch or milk; pastrycooks' products  | 126.6                      | 4,096.9                      | 3.1        |
| 48                     | Paper and paperboard; articles of paper pulp, of paper or paperboard   | 97.2                       | 11,778.5                     | 0.8        |
| <b>Top Ten Imports</b> |  | <b>3,578.9</b>             | <b>430,351.8</b>             | <b>0.8</b> |
| <b>Others</b>          |  | <b>761.4</b>               | <b>962,250.0</b>             | <b>0.1</b> |
| <b>Total Imports</b>   |  | <b>4,340.3</b>             | <b>1,392,601.8</b>           | <b>0.3</b> |

Source:  
ASEAN Secretariat

**Table 5.47. Top Ten Traded Goods between Russian Federation and ASEAN, 2019**

| Exports                |   |                     |                              |            |
|------------------------|---|---------------------|------------------------------|------------|
| HS                     | Commodities   | To Russia (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 85                     | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 2,066.5             | 379,871.8                    | 0.5        |
| 15                     | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 519.6               | 31,043.6                     | 1.7        |
| 84                     | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 469.3               | 150,649.8                    | 0.3        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 354.5               | 47,405.0                     | 0.7        |
| 40                     | Rubber and articles thereof   | 263.9               | 35,854.9                     | 0.7        |
| 09                     | Coffee, tea, mate and spices  | 228.0               | 5,566.0                      | 4.1        |
| 64                     | Footwear; gaiters and the like; parts of such articles  | 189.9               | 26,723.7                     | 0.7        |
| 61                     | Apparel and clothing accessories; knitted or crocheted  | 185.2               | 29,914.0                     | 0.6        |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 177.7               | 141,795.1                    | 0.1        |
| 62                     | Apparel and clothing accessories; not knitted or crocheted  | 127.0               | 28,022.2                     | 0.5        |
| <b>Top Ten Exports</b> |   | <b>4,581.7</b>      | <b>876,846.1</b>             | <b>0.5</b> |
| <b>Others</b>          |   | <b>1,521.4</b>      | <b>546,984.1</b>             | <b>0.3</b> |
| <b>Total Exports</b>   |   | <b>6,103.1</b>      | <b>1,423,830.2</b>           | <b>0.4</b> |

| Imports                |  |                       |                              |            |
|------------------------|--|-----------------------|------------------------------|------------|
| HS                     | Commodities  | From Russia (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 27                     | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes | 7,547.3               | 203,925.4                    | 3.7        |
| 72                     | Iron and steel   | 1,813.9               | 48,613.2                     | 3.7        |
| 31                     | Fertilizers  | 660.2                 | 6,468.6                      | 10.2       |
| 10                     | Cereals  | 445.3                 | 12,834.5                     | 3.5        |
| 76                     | Aluminium and articles thereof   | 173.0                 | 14,998.6                     | 1.2        |
| 03                     | Fish and crustaceans, molluscs and other aquatic invertebrates                                       | 167.3                 | 7,638.7                      | 2.2        |
| 26                     | Ores, slag and ash   | 132.0                 | 5,334.8                      | 2.5        |
| 48                     | Paper and paperboard; articles of paper pulp, of paper or paperboard                                 | 129.6                 | 11,778.5                     | 1.1        |
| 87                     | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof             | 114.0                 | 49,021.1                     | 0.2        |
| 40                     | Rubber and articles thereof  | 108.2                 | 13,385.7                     | 0.8        |
| <b>Top Ten Imports</b> |  | <b>11,290.9</b>       | <b>373,999.2</b>             | <b>3.0</b> |
| <b>Others</b>          |  | <b>804.1</b>          | <b>1,018,602.6</b>           | <b>0.1</b> |
| <b>Total Imports</b>   |  | <b>12,094.9</b>       | <b>1,392,601.8</b>           | <b>0.9</b> |

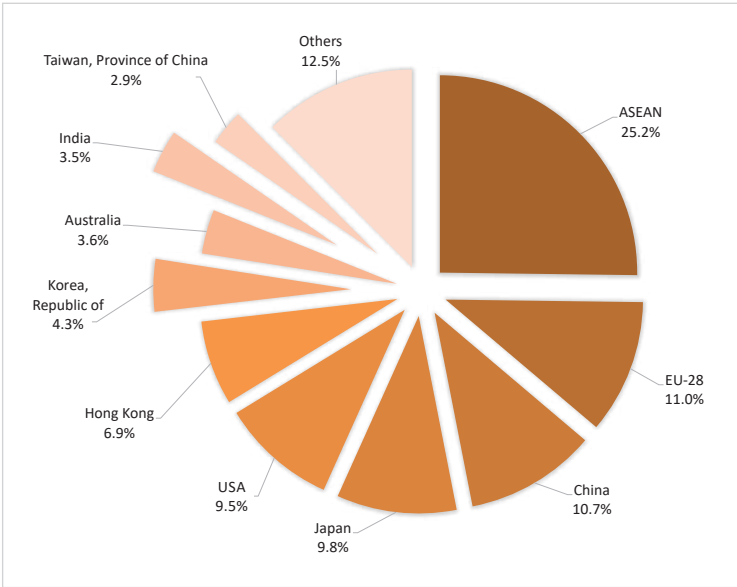
Source:  
ASEAN Secretariat

**Table 5.48. Top-Ten Traded Goods between USA and ASEAN, 2019**

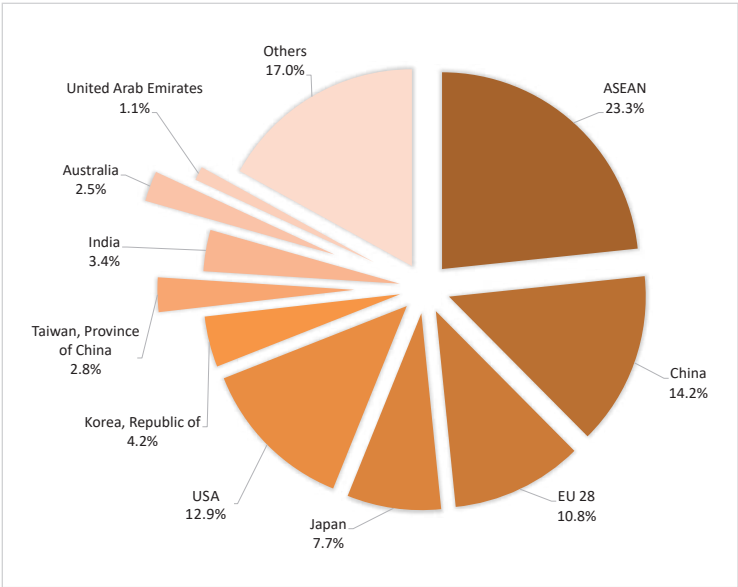
| Exports |  |                  |                              |             | Imports |   |                    |                              |            |
|---------|--|------------------|------------------------------|-------------|---------|---|--------------------|------------------------------|------------|
| HS      | Commodities  | To USA (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)   | HS      | Commodities   | From USA (mn US\$) | Total ASEAN Export (mn US\$) | Share (%)  |
| 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles                                | 49,693.9         | 379,871.8                    | 13.1        | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 23,809.5           | 176,069.2                    | 13.5       |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 26,097.1         | 150,649.8                    | 17.3        | 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 21,289.2           | 326,444.2                    | 6.5        |
| 61      | Apparel and clothing accessories; knitted or crocheted   | 13,891.6         | 29,914.0                     | 46.4        | 88      | Aircraft, spacecraft and parts thereof  | 9,013.1            | 21,796.7                     | 41.4       |
| 62      | Apparel and clothing accessories; not knitted or crocheted   | 9,886.4          | 28,022.2                     | 35.3        | 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,469.6            | 39,096.1                     | 16.5       |
| 94      | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 9,060.4          | 17,338.2                     | 52.3        | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,275.2            | 203,925.4                    | 3.1        |
| 64      | Footwear; gaiters and the like; parts of such articles   | 8,684.9          | 26,723.7                     | 32.5        | 39      | Plastics and articles thereof   | 5,110.4            | 57,024.0                     | 9.0        |
| 40      | Rubber and articles thereof  | 8,259.7          | 35,854.9                     | 23.0        | 23      | Food industries, residues and wastes thereof; prepared animal fodder  | 2,729.7            | 12,151.3                     | 22.5       |
| 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories  | 8,240.2          | 44,239.8                     | 18.6        | 38      | Chemical products n.e.c.  | 2,707.1            | 19,501.7                     | 13.9       |
| 42      | Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk-worm gut)  | 3,622.0          | 8,911.6                      | 40.6        | 52      | Cotton  | 2,426.1            | 8,645.6                      | 28.1       |
| 21      | Miscellaneous edible preparations  | 3,420.8          | 11,601.1                     | 29.5        | 12      | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,278.5            | 4,942.3                      | 46.1       |
|         | <b>Top Ten Exports</b>   | <b>140,856.7</b> | <b>733,127.1</b>             | <b>19.2</b> |         | <b>Top Ten Imports</b>  | <b>82,108.3</b>    | <b>869,596.4</b>             | <b>9.4</b> |
|         | <b>Others</b>  | <b>42,937.5</b>  | <b>690,703.2</b>             | <b>6.2</b>  |         | <b>Others</b>   | <b>28,890.7</b>    | <b>523,005.4</b>             | <b>5.5</b> |
|         | <b>Total Exports</b>   | <b>183,794.3</b> | <b>1,423,830.2</b>           | <b>12.9</b> |         | <b>Total Imports</b>  | <b>110,999.1</b>   | <b>1,392,601.8</b>           | <b>8.0</b> |

Source:  
ASEAN Secretariat

**Graph 5.11. ASEAN Markets of Exports of Goods, 2010**

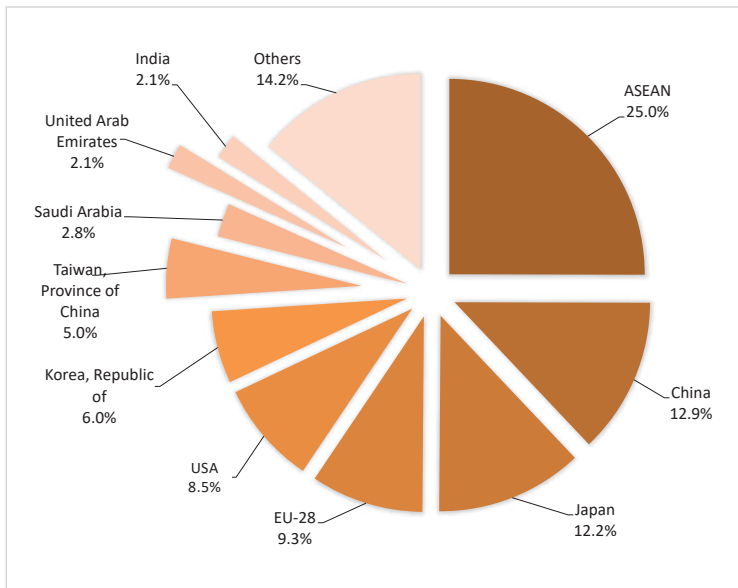


**Graph 5.12. ASEAN Markets of Exports of Goods, 2019**

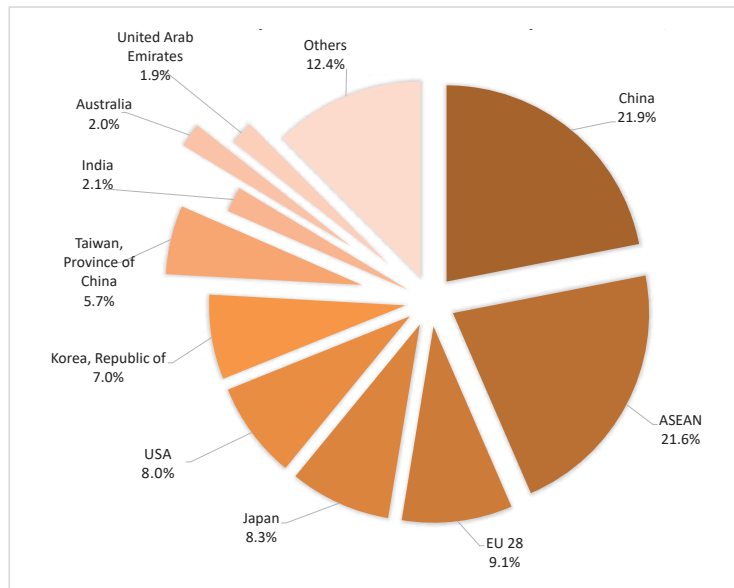


Source: ASEAN Secretariat

**Graph 5.13. ASEAN Source of Imports of Goods, 2010**



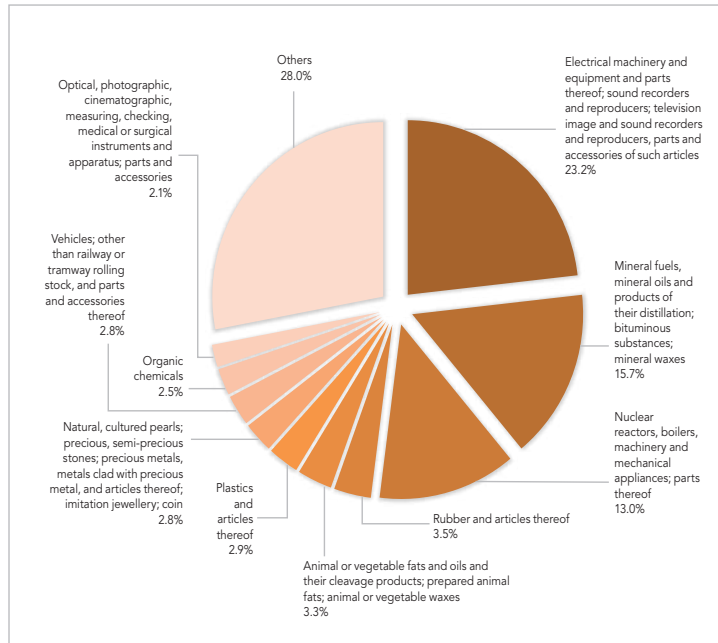
**Graph 5.14. ASEAN Source of Imports of Goods, 2019**



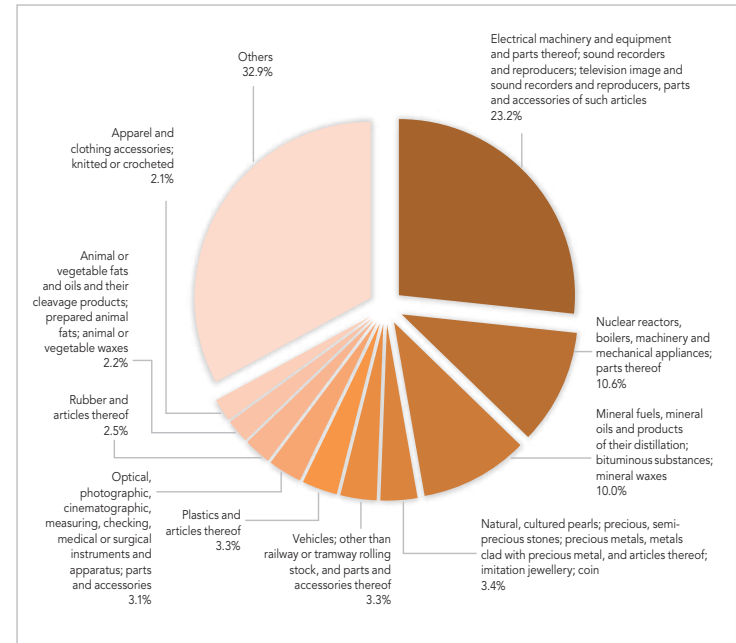
Source: ASEAN Secretariat



**Graph 5.15. Top Ten Exports of Commodities in ASEAN, 2010**

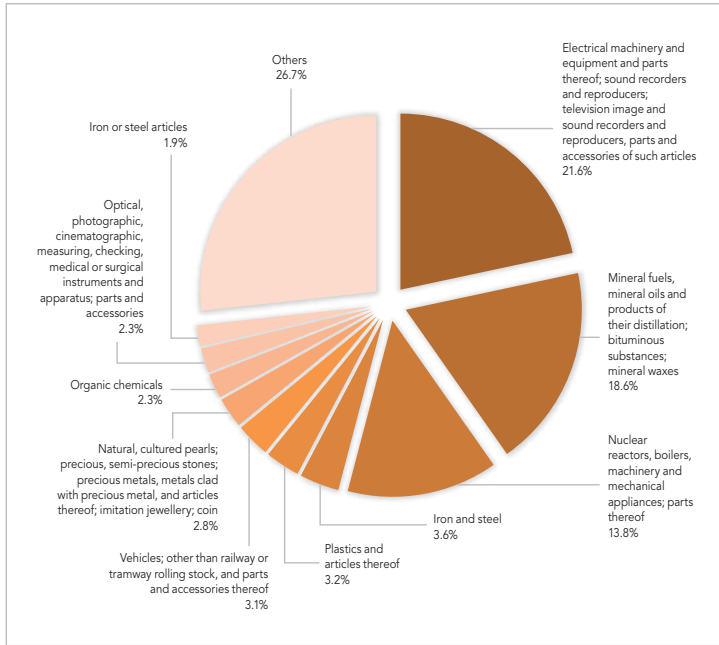


**Graph 5.16. Top Ten Exports of Commodities in ASEAN, 2019**

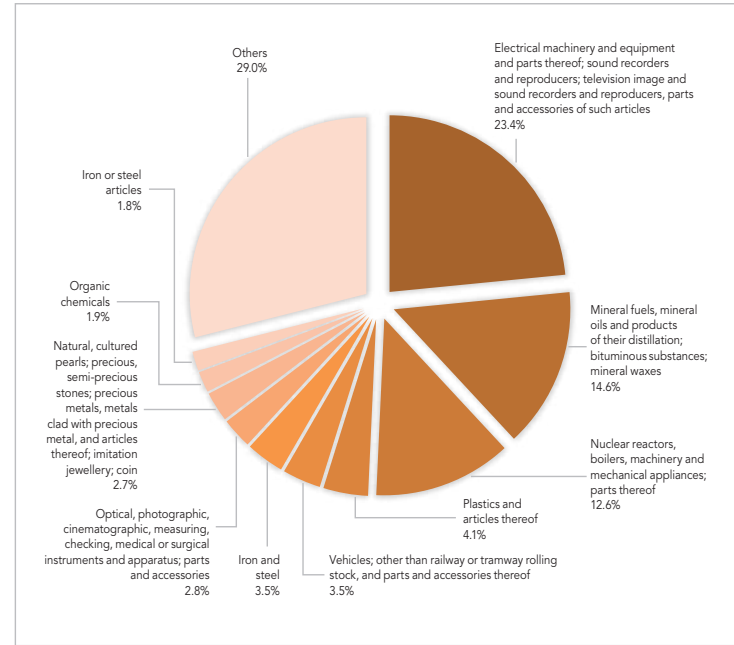


Source: ASEAN Secretariat

**Graph 5.17. Top Ten Imports of Goods in ASEAN, 2010**



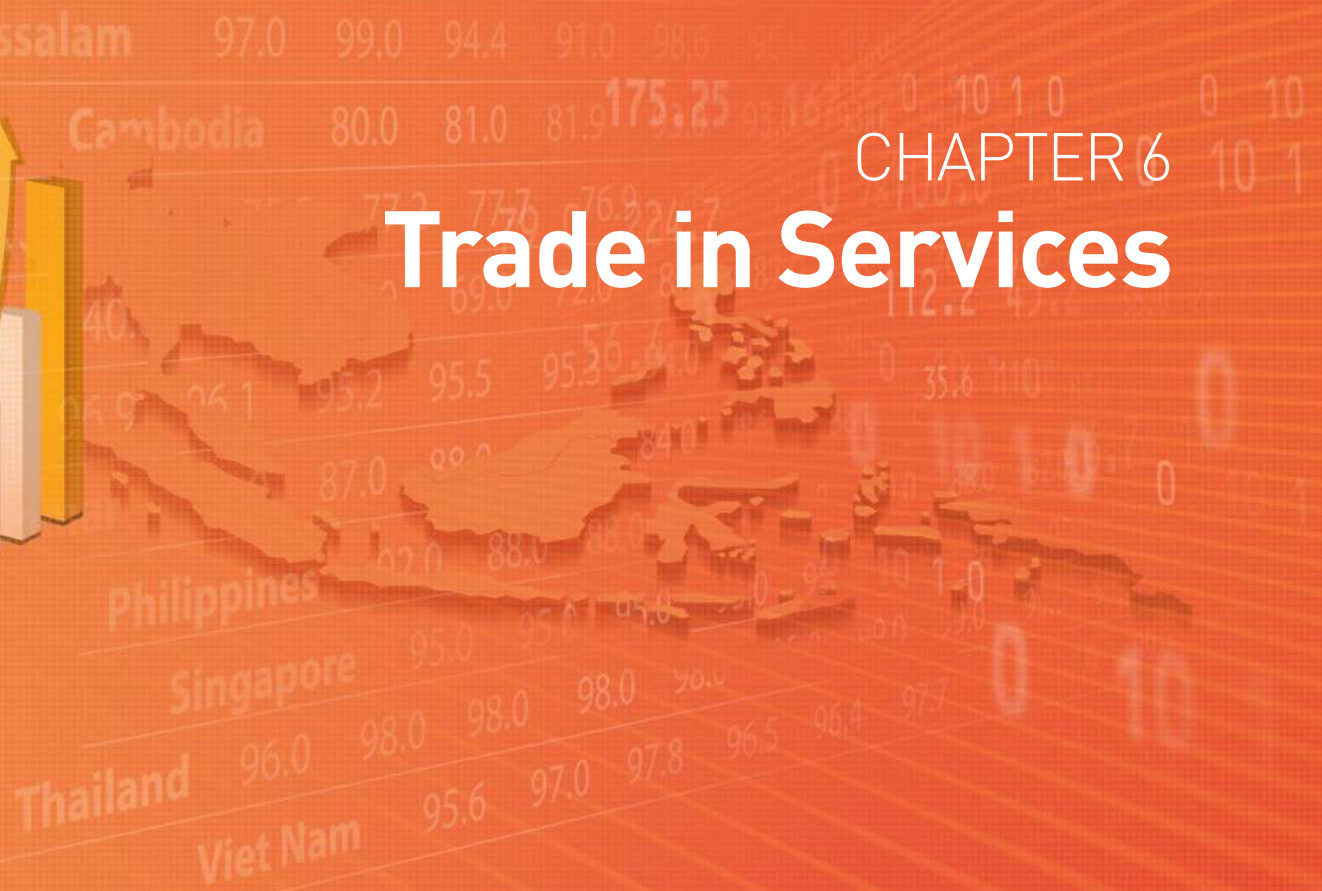
**Graph 5.18. Top Ten Imports of Goods in ASEAN, 2019**



Source: ASEAN Secretariat

## CHAPTER 6

# Trade in Services





**Table 6.1. ASEAN Exports of Services<sup>1</sup>, 2010-2019**

(in million US\$)

| Host Country      | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 460.5            | 500.6            | 482.7            | 492.8            | 557.8            | 650.6            | 530.4            | 551.4            | 570.6            | 617.9            |
| Cambodia          | 2,028.5          | 2,730.1          | 3,192.1          | 3,493.7          | 3,810.8          | 3,954.7          | 4,032.9          | 4,608.2          | 5,451.2          | 6,086.3          |
| Indonesia         | 16,670.5         | 21,888.2         | 23,660.2         | 22,944.1         | 23,530.9         | 22,220.9         | 23,323.5         | 25,327.7         | 31,206.9         | 31,644.8         |
| Lao PDR           | 511.0            | 549.7            | 643.4            | 780.6            | 764.4            | 844.1            | 834.9            | 780.5            | 921.4            | 1,179.2          |
| Malaysia          | 34,509.5         | 38,849.8         | 40,562.3         | 42,110.2         | 42,047.8         | 34,847.1         | 35,582.4         | 37,057.4         | 40,240.5         | 40,988.1         |
| Myanmar           | 376.8            | 765.5            | 1,233.0          | 2,760.1          | 3,113.8          | 3,753.4          | 3,785.1          | 3,817.8          | 4,653.5          | 6,662.8          |
| Philippines       | 17,782.0         | 18,878.0         | 20,439.2         | 23,335.2         | 25,498.1         | 29,065.0         | 31,203.6         | 34,831.6         | 38,396.8         | 40,973.6         |
| Singapore         | 100,383.1        | 119,256.7        | 129,446.4        | 142,027.7        | 153,771.0        | 153,202.4        | 151,695.2        | 169,713.2        | 202,583.4        | 204,807.4        |
| Thailand          | 34,339.8         | 41,544.6         | 46,521.4         | 54,804.1         | 51,940.2         | 58,082.1         | 63,786.4         | 70,964.2         | 77,473.6         | 81,994.2         |
| Viet Nam          | 7,459.7          | 8,691.0          | 9,620.0          | 10,710.0         | 12,231.0         | 12,580.0         | 22,511.7         | 22,826.3         | 27,040.0         | 29,824.9         |
| <b>ASEAN</b>      | <b>214,521.5</b> | <b>253,654.2</b> | <b>275,800.7</b> | <b>303,458.5</b> | <b>317,265.8</b> | <b>319,200.4</b> | <b>337,286.1</b> | <b>370,478.3</b> | <b>428,537.9</b> | <b>444,779.1</b> |

Source:  
ASEAN Secretariat

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

**Table 6.2. ASEAN Imports of Services<sup>1</sup>, 2010-2019**

(in million US\$)

| Host Country      | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,267.3          | 1,817.4          | 2,639.9          | 2,857.5          | 2,190.2          | 1,657.6          | 1,645.3          | 1,248.1          | 1,578.5          | 1,807.0          |
| Cambodia          | 1,018.4          | 1,387.9          | 1,591.8          | 1,790.6          | 2,083.8          | 2,242.4          | 2,430.5          | 2,745.1          | 3,056.1          | 3,273.9          |
| Indonesia         | 26,461.0         | 31,691.4         | 34,224.4         | 35,014.6         | 33,540.6         | 30,917.5         | 30,407.4         | 32,706.8         | 37,691.9         | 39,398.3         |
| Lao PDR           | 263.1            | 321.6            | 738.6            | 1,057.1          | 1,150.1          | 1,078.5          | 1,022.4          | 1,116.4          | 1,154.1          | 1,252.6          |
| Malaysia          | 32,479.9         | 38,373.8         | 43,326.6         | 45,154.6         | 45,319.0         | 40,129.8         | 40,143.0         | 42,372.2         | 44,581.2         | 43,624.3         |
| Myanmar           | 808.4            | 1,099.9          | 1,463.5          | 2,197.7          | 2,197.9          | 2,398.0          | 2,515.0          | 2,880.8          | 3,457.1          | 3,653.8          |
| Philippines       | 12,017.0         | 12,318.0         | 14,259.5         | 16,320.4         | 20,921.6         | 23,610.2         | 24,160.5         | 26,138.5         | 26,789.0         | 27,928.1         |
| Singapore         | 100,518.8        | 117,827.2        | 132,909.6        | 149,712.9        | 166,662.1        | 161,696.0        | 158,858.3        | 180,276.1        | 200,491.7        | 199,043.7        |
| Thailand          | 41,333.3         | 46,097.4         | 45,671.4         | 47,402.8         | 45,247.3         | 42,518.3         | 43,511.4         | 46,668.3         | 54,939.1         | 58,669.2         |
| Viet Nam          | 9,921.0          | 11,859.0         | 11,050.0         | 13,538.0         | 15,519.0         | 16,703.0         | 17,808.2         | 18,707.9         | 20,374.0         | 21,138.0         |
| <b>ASEAN</b>      | <b>226,088.2</b> | <b>262,793.6</b> | <b>287,875.3</b> | <b>315,046.0</b> | <b>334,831.6</b> | <b>322,951.4</b> | <b>322,502.0</b> | <b>354,860.1</b> | <b>394,112.7</b> | <b>399,788.9</b> |

Source:  
ASEAN Secretariat

Note:  
1) 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, 2010-2019**

(in million US\$)

| Service Heading   | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 2,618.9          | 4,053.5          | 3,391.7          | 4,122.1          | 3,307.0          | 2,907.6          | 14,362.1         | 14,853.4         | 17,893.9         | 19,470.9         |
| Maintenance and repair n.i.e.                             | 6,740.7          | 7,878.4          | 7,727.6          | 9,122.2          | 8,403.8          | 7,672.2          | 7,208.0          | 6,648.7          | 8,138.8          | 9,125.6          |
| Transport   | 56,440.8         | 61,456.4         | 63,238.2         | 65,514.0         | 70,297.7         | 65,703.4         | 60,043.9         | 68,840.4         | 85,294.3         | 83,672.5         |
| Travel  | 68,441.9         | 84,570.6         | 92,532.3         | 103,908.0        | 104,564.9        | 104,961.5        | 112,924.3        | 126,076.5        | 138,086.1        | 147,342.1        |
| Construction  | 3,266.4          | 3,793.9          | 4,233.1          | 4,639.3          | 3,693.8          | 3,104.1          | 2,989.9          | 2,909.3          | 3,239.2          | 3,138.8          |
| Insurance and pension                                     | 3,004.0          | 3,216.5          | 3,811.3          | 3,817.9          | 4,117.4          | 4,537.3          | 5,032.6          | 5,503.4          | 7,126.6          | 7,522.0          |
| Financial   | 13,434.6         | 16,804.6         | 17,986.3         | 20,485.6         | 22,548.6         | 22,739.6         | 23,860.9         | 27,731.7         | 31,008.1         | 31,631.8         |
| Charges for the use of intellectual property n.i.e        | 2,153.1          | 2,975.0          | 3,149.6          | 3,645.5          | 4,141.8          | 8,914.9          | 7,295.0          | 8,188.1          | 8,908.3          | 9,127.5          |
| Telecommunications, computer, and information             | 9,947.6          | 12,707.1         | 14,831.1         | 16,051.3         | 16,640.4         | 17,490.7         | 22,341.0         | 22,983.3         | 26,076.1         | 26,795.9         |
| Other business  | 46,326.1         | 53,708.2         | 62,196.4         | 69,263.2         | 76,558.2         | 77,976.6         | 78,040.0         | 83,431.7         | 98,889.1         | 102,918.7        |
| Personal, cultural, and recreational                      | 696.6            | 912.6            | 1,027.6          | 1,090.5          | 1,312.0          | 1,405.7          | 1,374.7          | 1,448.6          | 1,806.3          | 1,845.2          |
| Government goods and services, n.i.e.                     | 1,450.8          | 1,577.4          | 1,675.5          | 1,798.9          | 1,680.4          | 1,786.9          | 1,813.7          | 1,863.2          | 2,071.3          | 2,188.1          |
| <b>Total</b>  | <b>214,521.5</b> | <b>253,654.2</b> | <b>275,800.7</b> | <b>303,458.5</b> | <b>317,265.8</b> | <b>319,200.4</b> | <b>337,286.1</b> | <b>370,478.3</b> | <b>428,537.9</b> | <b>444,779.1</b> |

 Source:  
ASEAN Secretariat

 Note:  
1) 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, 2010-2019**

(in million US\$)

| Service Heading   | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 3,325.9          | 3,601.3          | 4,324.1          | 5,970.5          | 6,313.4          | 6,217.7          | 5,835.5          | 5,991.5          | 5,635.3          | 5,474.4          |
| Maintenance and repair services n.i.e.                    | 1,145.8          | 1,364.1          | 1,810.6          | 1,887.7          | 1,789.3          | 2,001.2          | 2,266.1          | 1,784.4          | 2,217.1          | 2,446.3          |
| Transport   | 78,345.6         | 90,924.5         | 93,767.9         | 98,559.0         | 103,820.5        | 98,178.2         | 92,608.0         | 105,074.5        | 121,857.9        | 119,562.3        |
| Travel  | 46,762.9         | 52,094.3         | 58,536.0         | 62,683.5         | 67,953.5         | 66,285.8         | 68,898.0         | 73,865.7         | 81,006.5         | 85,466.9         |
| Construction  | 3,607.2          | 3,211.0          | 4,349.2          | 5,492.0          | 5,392.4          | 5,046.3          | 4,628.3          | 5,562.2          | 4,942.6          | 3,922.4          |
| Insurance and pension services                            | 9,002.3          | 10,185.7         | 10,875.4         | 11,255.6         | 10,427.6         | 10,177.5         | 11,153.7         | 11,202.9         | 12,915.1         | 13,272.6         |
| Financial Services  | 4,415.2          | 5,245.8          | 5,619.0          | 6,258.3          | 6,674.6          | 7,050.7          | 7,451.9          | 8,997.7          | 10,078.7         | 11,417.9         |
| Charges for the use of intellectual property n.i.e        | 23,589.9         | 27,442.1         | 30,652.9         | 31,831.2         | 29,575.4         | 27,983.2         | 23,903.9         | 24,775.0         | 27,180.0         | 27,026.0         |
| Telecommunications, computer, and information services    | 7,311.3          | 10,730.3         | 13,004.4         | 15,679.2         | 22,697.8         | 18,081.2         | 20,126.5         | 22,570.0         | 22,984.1         | 24,307.7         |
| Other business services                                   | 45,933.6         | 55,204.4         | 61,739.6         | 71,918.2         | 76,593.4         | 78,856.9         | 82,751.1         | 91,886.9         | 101,848.2        | 103,427.8        |
| Personal, cultural, and recreational services             | 923.1            | 1,086.2          | 1,405.4          | 1,691.7          | 1,806.7          | 1,626.8          | 1,403.4          | 1,535.4          | 1,753.1          | 1,712.8          |
| Government goods and services, n.i.e.                     | 1,725.3          | 1,704.0          | 1,790.9          | 1,819.1          | 1,787.0          | 1,445.9          | 1,475.6          | 1,614.0          | 1,694.4          | 1,751.8          |
| <b>Total</b>  | <b>226,088.2</b> | <b>262,793.6</b> | <b>287,875.3</b> | <b>315,046.0</b> | <b>334,831.6</b> | <b>322,951.4</b> | <b>322,502.0</b> | <b>354,860.1</b> | <b>394,112.7</b> | <b>399,788.9</b> |

 Source:  
ASEAN Secretariat

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

**Table 6.5. Brunei Darussalam Exports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Manufacturing services on physical inputs owned by others | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Maintenance and repair services n.i.e.                    | 0.1          | 1.1          | 1.2          | 0.1          | 0.3          | 0.4          | 0.5          | 0.5          | 0.0          | 0.0          |
| Transport   | 334.4        | 361.5        | 329.1        | 337.4        | 433.0        | 468.7        | 345.2        | 347.3        | 303.1        | 278.0        |
| Travel  | 68.3         | 80.4         | 91.7         | 95.7         | 78.8         | 147.3        | 144.1        | 177.3        | 190.2        | 216.6        |
| Construction  | 4.2          | 2.6          | 2.8          | 0.0          | 0.3          | 0.0          | 0.0          | 0.0          | 49.4         | 94.3         |
| Insurance and pension services                            | 3.1          | 0.0          | 0.0          | 3.0          | 2.0          | 1.6          | 2.9          | 1.6          | 1.0          | 1.4          |
| Financial Services  | 1.1          | 3.3          | 3.5          | 15.2         | 1.3          | 1.4          | 1.6          | 0.9          | 0.2          | 0.4          |
| Charges for the use of intellectual property n.i.e        | 0.7          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Telecommunications, computer, and information services    | 2.6          | 0.0          | 0.0          | 0.1          | 0.2          | 0.1          | 0.0          | 0.0          | 1.0          | 0.9          |
| Other business services                                   | 25.0         | 28.9         | 30.4         | 17.3         | 18.2         | 12.5         | 14.4         | 5.3          | 6.8          | 7.6          |
| 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.                     | 21.0         | 22.8         | 24.0         | 24.0         | 23.7         | 18.6         | 21.7         | 18.5         | 18.9         | 18.7         |
| <b>Total</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>530.4</b> | <b>551.4</b> | <b>570.6</b> | <b>617.9</b> |

Source:  
ASEAN Secretariat

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

**Table 6.6. Brunei Darussalam Imports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 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.                    | 17.9           | 70.2           | 119.3          | 147.8          | 103.6          | 97.7           | 106.5          | 89.5           | 88.7           | 93.4           |
| Transport   | 164.6          | 194.7          | 243.5          | 453.0          | 363.0          | 233.2          | 213.3          | 259.7          | 226.0          | 234.4          |
| Travel  | 490.1          | 560.6          | 590.5          | 624.2          | 477.1          | 460.3          | 500.4          | 504.6          | 585.2          | 612.7          |
| Construction  | 231.4          | 59.2           | 100.7          | 263.9          | 260.7          | 124.9          | 26.2           | 26.8           | 118.8          | 242.3          |
| Insurance and pension services                            | 19.3           | 3.2            | 5.4            | 13.2           | 13.7           | 10.9           | 12.5           | 8.4            | 12.4           | 11.9           |
| Financial Services  | 2.0            | 0.0            | 0.1            | 78.0           | 30.7           | 0.7            | 43.7           | 35.2           | 10.6           | 2.4            |
| Charges for the use of intellectual property n.i.e        | 22.6           | 1.6            | 2.8            | 17.3           | 9.2            | 13.9           | 37.8           | 17.3           | 19.8           | 18.7           |
| Telecommunications, computer, and information services    | 45.3           | 27.0           | 45.9           | 82.8           | 129.3          | 100.0          | 53.6           | 39.8           | 64.6           | 96.1           |
| Other business services                                   | 244.8          | 881.1          | 1,497.9        | 1,145.3        | 771.3          | 586.8          | 619.2          | 231.7          | 422.0          | 464.8          |
| Personal, cultural, and recreational services             | 1.3            | 1.0            | 1.8            | 0.0            | 0.0            | 0.1            | 3.1            | 6.1            | 0.8            | 1.0            |
| Government goods and services, n.i.e.                     | 28.0           | 18.8           | 32.0           | 32.0           | 31.6           | 29.1           | 29.0           | 29.0           | 29.6           | 29.3           |
| <b>Total</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>1,645.3</b> | <b>1,248.1</b> | <b>1,578.5</b> | <b>1,807.0</b> |

Source:  
ASEAN Secretariat

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

**Table 6.7. Cambodia Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Transport   | 226.0          | 276.0          | 312.9          | 343.7          | 392.3          | 419.4          | 456.1          | 562.2          | 687.9          | 786.4          |
| Travel  | 1,518.7        | 2,083.8        | 2,462.8        | 2,660.4        | 2,953.0        | 3,137.0        | 3,212.3        | 3,639.3        | 4,361.8        | 4,772.8        |
| Construction  | 10.5           | 8.4            | 16.6           | 15.3           | 10.2           | 10.1           | 13.1           | 16.6           | 13.9           | 35.4           |
| Insurance and pension services                            | 1.0            | 5.4            | 1.4            | 0.6            | 0.5            | 0.2            | 0.4            | 1.6            | 3.1            | 7.2            |
| Financial Services  | 3.6            | 26.1           | 19.1           | 19.6           | 25.1           | 33.8           | 8.7            | 7.1            | 14.9           | 25.5           |
| Charges for the use of intellectual property n.i.e        | 0.3            | 1.0            | 3.8            | 2.4            | 2.7            | 0.6            | 1.5            | 1.0            | 2.4            | 12.2           |
| Telecommunications, computer, and information services    | 83.8           | 71.3           | 66.3           | 57.9           | 74.1           | 86.6           | 73.9           | 66.5           | 65.4           | 87.0           |
| Other business services                                   | 71.9           | 128.7          | 169.0          | 251.0          | 251.9          | 95.7           | 80.3           | 94.5           | 97.6           | 117.1          |
| Personal, cultural, and recreational services             | 1.5            | 2.0            | 2.5            | 3.0            | 3.6            | 0.5            | 1.2            | 1.8            | 1.7            | 10.7           |
| Government goods and services, n.i.e.                     | 111.2          | 127.5          | 137.8          | 139.7          | 97.4           | 170.8          | 185.5          | 217.7          | 202.5          | 231.9          |
| <b>Total</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>4,032.9</b> | <b>4,608.2</b> | <b>5,451.2</b> | <b>6,086.3</b> |

Source:  
ASEAN Secretariat

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

**Table 6.8. Cambodia Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Transport   | 604.3          | 746.3          | 841.6          | 982.3          | 1,105.7        | 1,206.9        | 1,298.1        | 1,441.0        | 1,485.8        | 1,683.7        |
| Travel  | 60.6           | 263.8          | 314.0          | 354.7          | 401.4          | 510.4          | 615.6          | 741.5          | 862.5          | 910.5          |
| Construction  | 141.0          | 140.7          | 156.5          | 134.2          | 124.6          | 118.8          | 137.8          | 156.3          | 167.7          | 165.7          |
| Insurance and pension services                            | 68.8           | 81.2           | 103.2          | 112.9          | 131.8          | 138.2          | 143.0          | 165.7          | 187.5          | 166.7          |
| Financial Services  | 21.1           | 3.9            | 5.5            | 29.3           | 8.6            | 3.1            | 8.2            | 3.5            | 4.5            | 5.5            |
| Charges for the use of intellectual property n.i.e        | 6.3            | 10.1           | 11.1           | 11.9           | 20.5           | 12.5           | 10.4           | 12.7           | 27.7           | 26.3           |
| Telecommunications, computer, and information services    | 46.6           | 43.9           | 46.0           | 51.6           | 118.8          | 133.8          | 113.0          | 104.5          | 167.1          | 140.5          |
| Other business services                                   | 41.9           | 67.4           | 74.3           | 79.3           | 136.7          | 83.1           | 69.4           | 84.5           | 128.1          | 131.1          |
| Personal, cultural, and recreational services             | 5.3            | 5.6            | 5.7            | 5.9            | 6.1            | 2.2            | 3.9            | 4.9            | 3.4            | 8.4            |
| Government goods and services, n.i.e.                     | 22.5           | 25.1           | 33.9           | 28.4           | 29.4           | 33.5           | 31.2           | 30.6           | 21.8           | 35.5           |
| <b>Total</b>  | <b>1,018.4</b> | <b>1,387.9</b> | <b>1,591.8</b> | <b>1,790.6</b> | <b>2,083.8</b> | <b>2,242.4</b> | <b>2,430.5</b> | <b>2,745.1</b> | <b>3,056.1</b> | <b>3,273.9</b> |

Source:  
ASEAN Secretariat

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



**Table 6.9. Indonesia Exports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -216.0          | 1,081.2         | 396.7           | 430.1           | 425.0           | 355.6           | 350.5           | 354.2           | 381.9           | 392.2           |
| Maintenance and repair services n.i.e.                    | 65.2            | 72.6            | 114.0           | 126.6           | 100.5           | 283.5           | 410.8           | 169.4           | 247.5           | 305.9           |
| Transport   | 2,665.4         | 3,456.2         | 3,822.3         | 3,610.6         | 3,791.0         | 3,456.2         | 3,571.9         | 3,472.1         | 3,592.3         | 3,923.9         |
| Travel  | 6,957.9         | 7,996.7         | 8,323.6         | 9,119.2         | 10,261.1        | 10,761.0        | 11,205.7        | 13,139.4        | 16,425.8        | 16,912.1        |
| Construction  | 520.1           | 551.3           | 862.7           | 848.5           | 711.7           | 378.7           | 225.7           | 369.0           | 404.8           | 487.0           |
| Insurance and pension services                            | 22.2            | 23.3            | 24.1            | 24.9            | 25.7            | 54.2            | 80.2            | 82.7            | 161.3           | 166.8           |
| Financial Services  | 387.7           | 450.9           | 225.4           | 254.1           | 222.9           | 247.7           | 336.0           | 639.8           | 659.5           | 420.3           |
| Charges for the use of intellectual property n.i.e        | 59.6            | 78.8            | 58.1            | 52.0            | 59.6            | 52.1            | 46.7            | 49.8            | 61.2            | 173.9           |
| Telecommunications, computer, and information services    | 1,239.7         | 1,657.7         | 1,293.8         | 1,040.7         | 1,139.9         | 971.1           | 970.4           | 996.7           | 1,225.7         | 1,320.6         |
| Other business services                                   | 4,309.4         | 5,788.6         | 7,739.2         | 6,640.5         | 6,032.5         | 4,917.4         | 5,358.5         | 5,260.9         | 6,962.6         | 6,593.9         |
| Personal, cultural, and recreational services             | 104.2           | 158.6           | 210.0           | 187.0           | 149.7           | 111.5           | 88.9            | 131.1           | 367.0           | 217.4           |
| Government goods and services, n.i.e.                     | 555.1           | 572.4           | 590.5           | 610.1           | 611.4           | 631.8           | 678.2           | 662.6           | 717.3           | 730.8           |
| <b>Total</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>23,323.5</b> | <b>25,327.7</b> | <b>31,206.9</b> | <b>31,644.8</b> |

Source:  
ASEAN Secretariat

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

**Table 6.10. Indonesia Imports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | 224.4           | 196.1           | 572.1           | 374.2           | 476.5           | 623.7           | 764.0           | 347.8           | 442.3           | 535.5           |
| Transport   | 8,672.7         | 12,149.3        | 12,500.9        | 12,539.0        | 11,974.5        | 9,601.8         | 9,116.2         | 10,335.9        | 12,429.9        | 11,608.2        |
| Travel  | 6,394.5         | 6,255.3         | 6,770.5         | 7,674.9         | 7,682.0         | 7,292.2         | 7,566.4         | 8,288.9         | 10,313.5        | 11,321.0        |
| Construction  | 592.5           | 497.4           | 631.8           | 853.2           | 660.0           | 452.5           | 133.0           | 186.3           | 143.3           | 496.6           |
| Insurance and pension services                            | 1,153.3         | 1,290.2         | 1,096.5         | 1,053.7         | 964.1           | 942.3           | 741.5           | 653.1           | 727.9           | 874.4           |
| Financial Services  | 597.2           | 754.1           | 694.6           | 707.4           | 620.8           | 744.4           | 913.3           | 1,081.6         | 1,118.0         | 887.4           |
| Charges for the use of intellectual property n.i.e        | 1,616.5         | 1,788.0         | 1,800.1         | 1,736.4         | 1,861.9         | 1,652.7         | 1,732.4         | 1,900.6         | 1,470.1         | 1,804.8         |
| Telecommunications, computer, and information services    | 1,131.2         | 1,520.9         | 1,443.3         | 1,548.1         | 1,620.5         | 1,791.1         | 2,145.7         | 2,533.1         | 2,876.6         | 3,133.4         |
| Other business services                                   | 5,456.1         | 6,492.9         | 7,848.1         | 7,671.6         | 6,972.1         | 7,587.3         | 7,194.1         | 7,207.5         | 8,032.7         | 8,571.5         |
| Personal, cultural, and recreational services             | 132.7           | 212.5           | 281.0           | 266.5           | 244.1           | 66.8            | 53.0            | 56.8            | 89.1            | 101.7           |
| Government goods and services, n.i.e.                     | 489.9           | 534.7           | 585.5           | 589.6           | 464.2           | 162.8           | 47.9            | 115.1           | 48.7            | 63.7            |
| <b>Total</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>30,407.4</b> | <b>32,706.8</b> | <b>37,691.9</b> | <b>39,398.3</b> |

Source:  
ASEAN Secretariat

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

**Table 6.11. Lao PDR Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019           |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -            | -            | -            | -            | -            | -            | -            | -              |
| Maintenance and repair services n.i.e.                    | -            | -            | -            | -            | -            | -            | -            | -            | -            | -              |
| Transport   | 55.8         | 51.3         | 54.3         | 70.6         | 57.3         | 67.5         | 81.0         | 83.2         | 114.8        | 167.0          |
| Travel  | 381.7        | 406.2        | 513.6        | 595.9        | 641.6        | 724.2        | 716.1        | 648.0        | 734.4        | 934.7          |
| Construction  | 13.1         | 12.0         | 11.6         | 8.6          | 3.9          | 5.0          | 4.4          | 4.4          | 36.7         | 14.9           |
| Insurance and pension services                            | 11.0         | 24.5         | 3.6          | 44.1         | 11.6         | 10.7         | 0.9          | 13.0         | 3.2          | 26.6           |
| Financial Services  | 0.0          | 0.6          | 1.3          | 1.3          | 0.8          | 1.3          | 1.4          | 1.8          | 1.4          | 1.8            |
| Charges for the use of intellectual property n.i.e        | -            | -            | -            | -            | -            | -            | -            | -            | -            | -              |
| Telecommunications, computer, and information services    | 27.3         | 31.0         | 34.8         | 40.1         | 38.6         | 34.3         | 29.8         | 24.0         | 24.0         | 33.4           |
| Other business services                                   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -              |
| Personal, cultural, and recreational services             | -            | -            | -            | -            | -            | -            | -            | -            | -            | -              |
| Government goods and services, n.i.e.                     | 22.2         | 24.1         | 24.3         | 20.1         | 10.7         | 1.1          | 1.3          | 6.1          | 7.0          | 0.8            |
| <b>Total</b>  | <b>511.0</b> | <b>549.7</b> | <b>643.4</b> | <b>780.6</b> | <b>764.4</b> | <b>844.1</b> | <b>834.9</b> | <b>780.5</b> | <b>921.4</b> | <b>1,179.2</b> |

 Source:  
 ASEAN Secretariat

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

**Table 6.12. Lao PDR Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010         | 2011         | 2012         | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -            | -              | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -            | -            | -            | -              | -              | -              | -              | -              | -              | -              |
| Transport   | 22.1         | 22.8         | 53.9         | 36.0           | 34.9           | 34.9           | 68.9           | 86.2           | 126.8          | 145.3          |
| Travel  | 202.7        | 237.1        | 604.9        | 903.9          | 1,051.1        | 998.0          | 911.5          | 922.0          | 925.5          | 1,024.0        |
| Construction  | 10.7         | 13.8         | 29.2         | 37.2           | 31.0           | 4.4            | 13.3           | 37.3           | 32.5           | 10.8           |
| Insurance and pension services                            | 13.2         | 32.2         | 32.9         | 52.9           | 12.3           | 15.0           | 11.4           | 39.4           | 35.8           | 37.8           |
| Financial Services  | 0.0          | 1.5          | 0.1          | 0.2            | 0.3            | 6.1            | 0.4            | 0.5            | 0.8            | 6.5            |
| Charges for the use of intellectual property n.i.e        | -            | -            | -            | -              | -              | -              | -              | -              | -              | -              |
| Telecommunications, computer, and information services    | 8.9          | 8.5          | 11.5         | 16.6           | 13.5           | 15.4           | 16.9           | 16.6           | 15.5           | 16.8           |
| Other business services                                   | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 8.9            | 10.7           | 6.6            |
| Personal, cultural, and recreational services             | -            | -            | -            | -              | -              | -              | -              | -              | -              | -              |
| Government goods and services, n.i.e.                     | 5.6          | 5.7          | 6.2          | 10.4           | 6.9            | 4.7            | 0.0            | 5.6            | 6.6            | 4.9            |
| <b>Total</b>  | <b>263.1</b> | <b>321.6</b> | <b>738.6</b> | <b>1,057.1</b> | <b>1,150.1</b> | <b>1,078.5</b> | <b>1,022.4</b> | <b>1,116.4</b> | <b>1,154.1</b> | <b>1,252.6</b> |

 Source:  
 ASEAN Secretariat

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

**Table 6.13. Malaysia Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | 2,564.0         | 2,627.2         | 2,593.0         | 2,360.3         | 2,428.1         | 2,151.4         | 2,275.8         | 2,493.6         | 2,892.8         | 2,869.7         |
| Maintenance and repair services n.i.e.                    | 218.4           | 294.4           | 265.3           | 315.2           | 368.9           | 373.8           | 362.4           | 421.9           | 527.4           | 512.8           |
| Transport   | 4,859.6         | 5,059.5         | 4,453.5         | 4,665.7         | 4,771.5         | 4,190.1         | 4,158.9         | 4,477.2         | 5,086.5         | 5,230.3         |
| Travel  | 18,065.1        | 19,655.6        | 20,242.0        | 21,496.4        | 22,594.8        | 17,584.2        | 18,076.1        | 18,354.8        | 19,622.4        | 19,820.0        |
| Construction  | 1,029.0         | 1,102.7         | 1,176.0         | 1,028.0         | 854.3           | 1,033.8         | 997.4           | 952.5           | 858.2           | 640.9           |
| Insurance and pension services                            | 329.6           | 439.3           | 538.3           | 449.2           | 461.7           | 374.7           | 320.3           | 290.7           | 313.3           | 354.1           |
| Financial Services  | 193.7           | 352.4           | 322.8           | 317.8           | 346.3           | 341.1           | 492.4           | 535.2           | 606.0           | 631.0           |
| Charges for the use of intellectual property n.i.e        | 99.1            | 148.8           | 134.9           | 108.7           | 75.8            | 89.8            | 114.6           | 286.7           | 266.2           | 221.5           |
| Telecommunications, computer, and information services    | 2,120.9         | 2,422.3         | 2,923.3         | 2,856.6         | 2,761.8         | 2,655.8         | 2,577.1         | 2,675.3         | 2,832.1         | 2,990.1         |
| Other business services                                   | 4,832.2         | 6,497.2         | 7,661.3         | 8,215.3         | 7,016.8         | 5,571.6         | 5,751.9         | 6,007.4         | 6,657.9         | 7,060.5         |
| Personal, cultural, and recreational services             | 110.9           | 159.1           | 168.8           | 202.1           | 283.0           | 386.3           | 367.5           | 469.0           | 501.1           | 571.3           |
| Government goods and services, n.i.e.                     | 87.0            | 91.3            | 83.2            | 95.1            | 84.8            | 94.4            | 87.9            | 93.2            | 76.7            | 85.9            |
| <b>Total</b>  | <b>34,509.5</b> | <b>38,849.8</b> | <b>40,562.3</b> | <b>42,110.2</b> | <b>42,047.8</b> | <b>34,847.1</b> | <b>35,582.4</b> | <b>37,057.4</b> | <b>40,240.5</b> | <b>40,988.1</b> |

Source:  
ASEAN SecretariatNote:  
1) Based on IMF Balance of Payments Manual, 6<sup>th</sup> Edition**Table 6.14. Malaysia Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | 24.8            | 34.3            | 43.7            | 53.4            | 45.1            | 54.1            | 60.8            | 78.2            | 133.3           | 136.2           |
| Maintenance and repair services n.i.e.                    | 148.4           | 198.4           | 235.3           | 329.9           | 302.2           | 378.1           | 405.3           | 447.1           | 478.3           | 538.7           |
| Transport   | 10,174.6        | 11,414.3        | 11,586.2        | 12,253.7        | 12,730.6        | 10,480.0        | 9,814.3         | 11,364.3        | 11,948.2        | 11,482.4        |
| Travel  | 8,276.5         | 10,191.8        | 12,209.1        | 12,239.7        | 12,440.8        | 10,685.9        | 10,478.4        | 10,805.5        | 12,133.7        | 12,381.4        |
| Construction  | 1,174.6         | 1,350.2         | 2,398.3         | 2,570.6         | 2,650.5         | 2,701.0         | 2,946.2         | 3,904.7         | 2,878.7         | 1,347.0         |
| Insurance and pension services                            | 2,174.9         | 2,528.9         | 2,879.5         | 2,764.8         | 2,764.1         | 2,361.4         | 2,235.0         | 2,280.6         | 2,449.3         | 2,342.2         |
| Financial Services  | 481.5           | 494.7           | 521.6           | 454.9           | 414.3           | 430.5           | 526.1           | 551.1           | 641.3           | 665.1           |
| Charges for the use of intellectual property n.i.e        | 1,312.7         | 1,638.1         | 1,542.7         | 1,394.9         | 1,423.6         | 1,288.7         | 1,348.1         | 1,824.8         | 2,009.0         | 2,219.0         |
| Telecommunications, computer, and information services    | 1,974.2         | 2,368.0         | 2,766.8         | 3,194.2         | 3,139.6         | 3,266.3         | 3,242.8         | 3,034.8         | 3,261.6         | 3,530.0         |
| Other business services                                   | 6,205.9         | 7,545.3         | 8,321.5         | 8,854.1         | 8,244.9         | 7,420.1         | 8,067.1         | 6,859.5         | 7,563.6         | 7,918.0         |
| Personal, cultural, and recreational services             | 289.3           | 347.5           | 604.4           | 880.0           | 971.9           | 815.0           | 770.6           | 803.1           | 819.6           | 806.6           |
| Government goods and services, n.i.e.                     | 242.5           | 262.4           | 217.5           | 164.4           | 191.3           | 248.7           | 248.3           | 418.3           | 264.4           | 257.6           |
| <b>Total</b>  | <b>32,479.9</b> | <b>38,373.8</b> | <b>43,326.6</b> | <b>45,154.6</b> | <b>45,319.0</b> | <b>40,129.8</b> | <b>40,143.0</b> | <b>42,372.2</b> | <b>44,581.2</b> | <b>43,624.3</b> |

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

**Table 6.15. Myanmar Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010         | 2011         | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | 58.5         | 138.1        | 202.2          | 1,105.3        | 118.9          | 148.5          | 253.9          | 427.6          | 1,208.8        | 1,711.6        |
| Maintenance and repair services n.i.e.                    | -            | -            | -              | -              | 57.4           | 141.7          | 175.5          | 24.7           | 22.8           | 42.3           |
| Transport   | 151.5        | 217.8        | 194.4          | 233.6          | 411.8          | 356.6          | 285.4          | 139.5          | 342.0          | 379.4          |
| Travel  | 73.6         | 328.2        | 539.4          | 962.8          | 1,613.3        | 2,122.5        | 2,197.2        | 1,968.9        | 1,651.5        | 2,477.1        |
| Construction  | 0.0          | 15.1         | 0.0            | 0.0            | 131.8          | 82.6           | 63.7           | 207.5          | 148.0          | 135.0          |
| Insurance and pension services                            | 0.0          | 0.0          | 3.8            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Financial Services  | -            | -            | -              | -              | 6.0            | 6.3            | 26.8           | 15.5           | 7.2            | 10.9           |
| Charges for the use of intellectual property n.i.e        | -            | -            | -              | -              | 24.9           | 21.6           | 11.3           | 2.4            | 2.6            | 16.9           |
| Telecommunications, computer, and information services    | -            | -            | 75.8           | 80.5           | 188.9          | 351.2          | 219.7          | 112.7          | 65.7           | 149.4          |
| Other business services                                   | 60.7         | 34.5         | 168.5          | 310.3          | 501.8          | 392.7          | 392.6          | 800.5          | 937.6          | 1,471.1        |
| Personal, cultural, and recreational services             | -            | -            | -              | -              | 23.6           | 71.7           | 71.4           | 28.1           | 35.4           | 45.7           |
| Government goods and services, n.i.e.                     | 32.6         | 31.8         | 48.8           | 67.6           | 35.5           | 57.9           | 87.6           | 90.4           | 232.0          | 223.5          |
| <b>Total</b>  | <b>376.8</b> | <b>765.5</b> | <b>1,233.0</b> | <b>2,760.1</b> | <b>3,113.8</b> | <b>3,753.4</b> | <b>3,785.1</b> | <b>3,817.8</b> | <b>4,653.5</b> | <b>6,662.8</b> |

Source:  
ASEAN Secretariat

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

**Table 6.16. Myanmar Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010         | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -              | -              | 722.1          | 75.6           | 96.4           | 200.3          | 2.7            | 2.3            | 0.6            |
| Maintenance and repair services n.i.e.                    | -            | -              | -              | -              | 24.5           | 42.5           | 70.9           | 64.9           | 61.1           | 114.9          |
| Transport   | 459.6        | 757.1          | 695.1          | 859.1          | 1,357.0        | 1,403.7        | 1,355.1        | 1,510.8        | 1,537.2        | 1,601.2        |
| Travel  | 54.4         | 124.6          | 257.3          | 115.0          | 37.4           | 25.3           | 36.6           | 105.0          | 88.7           | 185.5          |
| Construction  | -            | -              | -              | -              | 92.6           | 38.6           | 23.5           | 113.3          | 252.0          | 125.7          |
| Insurance and pension services                            | -            | -              | 85.0           | 104.1          | 40.0           | 42.2           | 40.3           | 52.1           | 53.2           | 52.1           |
| Financial Services  | -            | -              | -              | -              | 0.3            | 0.4            | 6.5            | 3.8            | 2.8            | 7.8            |
| Charges for the use of intellectual property n.i.e        | -            | -              | -              | -              | 295.7          | 272.6          | 231.6          | 26.4           | 47.1           | 32.4           |
| Telecommunications, computer, and information services    | -            | -              | 3.0            | 7.7            | 75.7           | 187.9          | 200.6          | 162.7          | 181.8          | 260.6          |
| Other business services                                   | 246.9        | 194.2          | 391.6          | 364.3          | 184.0          | 269.5          | 318.6          | 795.3          | 1,106.7        | 1,137.0        |
| Personal, cultural, and recreational services             | 11.1         | 0.1            | 5.7            | 0.1            | 7.4            | 16.7           | 13.3           | 24.0           | 40.7           | 54.6           |
| Government goods and services, n.i.e.                     | 36.4         | 23.8           | 25.8           | 25.2           | 7.8            | 2.3            | 17.8           | 19.7           | 83.5           | 81.4           |
| <b>Total</b>  | <b>808.4</b> | <b>1,099.9</b> | <b>1,463.5</b> | <b>2,197.7</b> | <b>2,197.9</b> | <b>2,398.0</b> | <b>2,515.0</b> | <b>2,880.8</b> | <b>3,457.1</b> | <b>3,653.8</b> |

Source:  
ASEAN Secretariat

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

**Table 6.17. Philippines Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | 2,725.0         | 3,453.3         | 4,140.3         | 4,338.7         |
| Maintenance and repair services n.i.e.                    | 106.0           | 75.0            | 95.5            | 67.6            | 92.4            | 77.1            | 82.6            | 80.3            | 82.5            | 110.2           |
| Transport   | 1,347.0         | 1,424.0         | 1,594.0         | 1,636.7         | 1,874.7         | 1,933.5         | 1,896.8         | 2,484.8         | 2,702.8         | 2,872.3         |
| Travel  | 2,645.0         | 3,198.0         | 4,060.5         | 4,689.7         | 5,030.1         | 5,272.5         | 5,142.7         | 6,988.1         | 8,239.8         | 9,806.0         |
| Construction  | 121.0           | 46.0            | 99.8            | 88.5            | 60.6            | 59.6            | 71.3            | 57.3            | 61.0            | 65.8            |
| Insurance and pension services                            | 67.0            | 74.0            | 74.4            | 100.7           | 129.0           | 118.6           | 76.7            | 85.3            | 86.3            | 90.0            |
| Financial Services  | 116.0           | 104.0           | 100.5           | 84.7            | 189.9           | 414.2           | 394.2           | 237.3           | 279.1           | 230.7           |
| Charges for the use of intellectual property n.i.e        | 4.0             | 5.0             | 7.6             | 3.0             | 9.8             | 11.2            | 9.5             | 16.9            | 44.1            | 27.9            |
| Telecommunications, computer, and information services    | 2,236.0         | 2,769.0         | 3,003.2         | 3,335.9         | 3,472.4         | 3,460.9         | 5,493.2         | 5,638.4         | 5,940.0         | 5,948.0         |
| Other business services                                   | 11,087.0        | 11,113.0        | 11,305.6        | 13,207.6        | 14,473.2        | 17,550.5        | 15,125.2        | 15,579.9        | 16,653.2        | 17,304.4        |
| Personal, cultural, and recreational services             | 41.0            | 58.0            | 84.3            | 106.9           | 151.5           | 149.2           | 169.1           | 190.8           | 149.0           | 160.6           |
| Government goods and services, n.i.e.                     | 12.0            | 12.0            | 13.8            | 13.9            | 14.6            | 17.7            | 17.4            | 19.1            | 18.8            | 19.1            |
| <b>Total</b>  | <b>17,782.0</b> | <b>18,878.0</b> | <b>20,439.2</b> | <b>23,335.2</b> | <b>25,498.1</b> | <b>29,065.0</b> | <b>31,203.6</b> | <b>34,831.6</b> | <b>38,396.8</b> | <b>40,973.6</b> |

 Source:  
 ASEAN Secretariat

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

**Table 6.18. Philippines Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | 22.0            | 91.0            | 117.1           | 256.3           | 91.2            | 83.2            | 111.7           | 131.8           | 136.5           | 178.7           |
| Transport   | 3,321.0         | 3,207.0         | 3,610.7         | 3,418.6         | 3,869.4         | 3,855.8         | 4,338.1         | 5,017.6         | 5,355.8         | 4,921.5         |
| Travel  | 5,487.0         | 5,616.0         | 6,548.0         | 7,832.8         | 10,597.6        | 11,342.6        | 11,135.1        | 11,849.6        | 11,863.0        | 12,038.9        |
| Construction  | 20.0            | 51.0            | 41.9            | 77.2            | 70.0            | 42.4            | 59.8            | 63.4            | 73.4            | 70.8            |
| Insurance and pension services                            | 880.0           | 939.0           | 881.3           | 805.2           | 814.9           | 897.1           | 1,345.2         | 1,502.0         | 1,465.0         | 1,569.1         |
| Financial Services  | 228.0           | 274.0           | 253.0           | 301.8           | 367.0           | 450.7           | 558.5           | 505.7           | 566.5           | 754.7           |
| Charges for the use of intellectual property n.i.e        | 446.0           | 442.0           | 471.3           | 529.4           | 547.0           | 612.6           | 546.4           | 751.4           | 917.0           | 832.7           |
| Telecommunications, computer, and information services    | 237.0           | 341.0           | 349.4           | 526.6           | 634.1           | 772.9           | 671.5           | 851.8           | 991.3           | 1,334.3         |
| Other business services                                   | 1,021.0         | 1,014.0         | 1,651.6         | 2,267.0         | 3,561.2         | 5,110.8         | 4,911.1         | 4,983.9         | 4,628.1         | 5,502.0         |
| Personal, cultural, and recreational services             | 52.0            | 40.0            | 37.0            | 43.6            | 54.5            | 187.3           | 126.1           | 187.7           | 274.4           | 186.6           |
| Government goods and services, n.i.e.                     | 303.0           | 303.0           | 298.2           | 262.1           | 314.7           | 254.8           | 356.8           | 293.7           | 518.1           | 538.8           |
| <b>Total</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>24,160.5</b> | <b>26,138.5</b> | <b>26,789.0</b> | <b>27,928.1</b> |

 Source:  
 ASEAN Secretariat

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

**Table 6.19. Singapore Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 212.3            | 207.0            | 199.7            | 226.3            | 334.9            | 252.0            | 206.2            | 176.1            | 290.2            | 254.7            |
| Maintenance and repair services n.i.e.                    | 6,342.8          | 7,427.4          | 7,244.2          | 8,604.8          | 7,776.1          | 6,775.7          | 6,156.1          | 5,928.7          | 7,222.6          | 8,118.3          |
| Transport   | 38,582.0         | 42,549.5         | 44,479.7         | 46,216.7         | 50,445.0         | 46,622.9         | 41,061.8         | 47,579.6         | 60,386.0         | 58,441.4         |
| Travel  | 14,177.6         | 17,927.7         | 18,794.4         | 19,230.6         | 19,159.8         | 16,617.3         | 18,944.3         | 19,894.8         | 20,414.4         | 20,051.8         |
| Construction  | 1,031.5          | 1,543.0          | 1,538.2          | 1,706.7          | 1,163.6          | 852.6            | 986.8            | 768.2            | 1,167.4          | 1,186.9          |
| Insurance and pension services                            | 2,433.2          | 2,413.1          | 2,717.9          | 2,904.6          | 3,347.4          | 3,864.3          | 4,426.9          | 4,890.1          | 6,370.5          | 6,629.2          |
| Financial Services  | 12,213.6         | 15,206.8         | 16,559.7         | 18,869.3         | 21,043.7         | 21,006.5         | 21,760.8         | 25,426.8         | 28,449.2         | 29,379.4         |
| Charges for the use of intellectual property n.i.e        | 1,933.4          | 2,659.5          | 2,812.4          | 3,414.4          | 3,909.3          | 8,651.5          | 7,038.4          | 7,725.9          | 8,364.4          | 8,472.6          |
| Telecommunications, computer, and information services    | 3,543.2          | 4,960.6          | 6,724.2          | 7,633.9          | 7,966.7          | 8,873.3          | 11,848.0         | 12,400.6         | 14,599.9         | 14,789.5         |
| Other business services                                   | 19,331.6         | 23,626.3         | 27,590.8         | 32,398.9         | 37,680.0         | 38,777.2         | 38,365.3         | 44,076.9         | 54,361.9         | 56,517.7         |
| Personal, cultural, and recreational services             | 317.8            | 442.6            | 479.0            | 508.7            | 632.5            | 620.3            | 607.5            | 549.5            | 651.4            | 660.8            |
| Government goods and services, n.i.e.                     | 264.0            | 293.3            | 306.3            | 312.9            | 312.0            | 288.8            | 293.2            | 296.0            | 305.4            | 305.2            |
| <b>Total</b>  | <b>100,383.1</b> | <b>119,256.7</b> | <b>129,446.4</b> | <b>142,027.7</b> | <b>153,771.0</b> | <b>153,202.4</b> | <b>151,695.2</b> | <b>169,713.2</b> | <b>202,583.4</b> | <b>204,807.4</b> |

Source:  
ASEAN Secretariat

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

**Table 6.20. Singapore Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 3,301.1          | 3,567.0          | 4,280.4          | 5,195.0          | 6,192.7          | 6,067.2          | 5,566.2          | 5,886.7          | 5,473.6          | 5,310.5          |
| Maintenance and repair services n.i.e.                    | 641.1            | 693.5            | 669.8            | 675.5            | 695.1            | 676.0            | 662.3            | 585.4            | 792.2            | 789.0            |
| Transport   | 29,558.5         | 33,221.6         | 35,615.3         | 39,383.6         | 45,633.6         | 47,724.5         | 43,402.6         | 50,919.2         | 62,492.3         | 61,127.2         |
| Travel  | 18,699.9         | 21,417.9         | 23,138.2         | 24,406.9         | 25,545.5         | 23,657.9         | 24,081.8         | 25,104.7         | 26,241.2         | 26,604.9         |
| Construction  | 503.6            | 525.8            | 519.2            | 543.3            | 392.7            | 339.6            | 372.1            | 376.5            | 554.8            | 575.6            |
| Insurance and pension services                            | 2,376.5          | 2,638.2          | 2,799.3          | 3,402.3          | 2,848.6          | 3,183.5          | 4,383.6          | 4,015.0          | 5,104.3          | 5,305.3          |
| Financial Services  | 2,562.4          | 3,112.4          | 3,228.1          | 3,713.9          | 4,342.2          | 4,505.4          | 4,607.4          | 5,611.9          | 6,505.7          | 7,625.6          |
| Charges for the use of intellectual property n.i.e        | 17,029.4         | 20,344.1         | 23,105.1         | 22,992.0         | 20,876.7         | 19,400.6         | 15,467.8         | 15,406.0         | 16,808.9         | 16,150.3         |
| Telecommunications, computer, and information services    | 3,290.9          | 5,712.8          | 7,614.5          | 9,424.3          | 16,029.7         | 10,861.4         | 12,769.7         | 14,891.0         | 14,390.3         | 14,493.4         |
| Other business services                                   | 21,952.1         | 25,927.9         | 31,287.7         | 39,280.0         | 43,379.1         | 44,581.7         | 46,927.5         | 56,856.2         | 61,420.5         | 60,328.7         |
| Personal, cultural, and recreational services             | 411.8            | 458.7            | 446.4            | 466.8            | 493.5            | 498.4            | 392.5            | 411.0            | 476.9            | 502.1            |
| Government goods and services, n.i.e.                     | 191.6            | 207.3            | 205.5            | 229.4            | 232.9            | 199.8            | 224.8            | 212.5            | 230.9            | 231.1            |
| <b>Total</b>  | <b>100,518.8</b> | <b>117,827.2</b> | <b>132,909.6</b> | <b>149,712.9</b> | <b>166,662.1</b> | <b>161,696.0</b> | <b>158,858.3</b> | <b>180,276.1</b> | <b>200,491.7</b> | <b>199,043.7</b> |

Source:  
ASEAN Secretariat

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

**Table 6.21. Thailand Exports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Transport   | 5,913.5         | 5,830.5         | 5,923.5         | 6,144.1         | 5,723.3         | 5,743.5         | 5,724.1         | 6,873.9         | 7,694.3         | 7,196.1         |
| Travel  | 20,104.1        | 27,184.1        | 30,654.4        | 37,807.3        | 34,822.2        | 41,245.7        | 44,785.9        | 52,376.0        | 56,366.0        | 60,521.1        |
| Construction  | 472.0           | 441.8           | 440.5           | 817.2           | 612.8           | 533.0           | 462.7           | 358.1           | 286.5           | 243.2           |
| Insurance and pension services                            | 67.0            | 155.9           | 383.8           | 230.8           | 81.6            | 57.9            | 68.2            | 81.4            | 124.9           | 181.7           |
| Financial Services  | 326.9           | 452.5           | 604.1           | 740.6           | 537.7           | 580.2           | 724.0           | 752.3           | 782.4           | 721.8           |
| Charges for the use of intellectual property n.i.e        | 35.4            | 57.0            | 104.8           | 62.0            | 56.7            | 84.7            | 69.1            | 101.5           | 163.0           | 197.5           |
| Telecommunications, computer, and information services    | 470.8           | 561.2           | 473.8           | 538.8           | 527.9           | 495.6           | 522.9           | 450.1           | 602.5           | 691.7           |
| Other business services                                   | 6,588.2         | 6,477.2         | 7,517.1         | 7,995.7         | 9,163.5         | 8,919.8         | 11,078.5        | 9,605.0         | 11,043.6        | 11,682.1        |
| Personal, cultural, and recreational services             | 121.2           | 92.1            | 82.6            | 76.9            | 61.1            | 58.1            | 60.1            | 68.3            | 88.8            | 165.7           |
| Government goods and services, n.i.e.                     | 240.8           | 292.3           | 336.8           | 390.7           | 353.3           | 363.8           | 290.9           | 297.6           | 321.7           | 393.1           |
| <b>Total</b>  | <b>34,339.8</b> | <b>41,544.6</b> | <b>46,521.4</b> | <b>54,804.1</b> | <b>51,940.2</b> | <b>58,082.1</b> | <b>63,786.4</b> | <b>70,964.2</b> | <b>77,473.6</b> | <b>81,994.2</b> |

Source:  
ASEAN Secretariat

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

**Table 6.22. Thailand Imports of Services<sup>1)</sup>, 2010-2019**

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Transport   | 18,857.8        | 21,094.4        | 21,759.7        | 21,347.6        | 19,063.9        | 15,662.3        | 15,063.1        | 16,829.4        | 18,934.8        | 18,891.4        |
| Travel  | 5,627.2         | 5,717.3         | 6,247.6         | 6,481.4         | 7,070.6         | 7,718.2         | 9,072.2         | 10,504.0        | 12,083.3        | 14,238.1        |
| Construction  | 711.2           | 307.2           | 224.1           | 709.2           | 762.6           | 850.0           | 517.7           | 279.0           | 265.6           | 415.0           |
| Insurance and pension services                            | 1,835.3         | 2,105.7         | 2,118.3         | 2,035.4         | 1,818.1         | 1,571.9         | 1,441.2         | 1,816.6         | 2,299.7         | 2,293.1         |
| Financial Services  | 328.0           | 388.2           | 741.0           | 794.9           | 705.4           | 690.3           | 647.8           | 985.5           | 1,037.5         | 1,268.9         |
| Charges for the use of intellectual property n.i.e        | 3,080.5         | 3,121.3         | 3,609.7         | 4,593.4         | 3,970.8         | 4,121.5         | 3,979.5         | 4,280.8         | 5,274.4         | 5,311.9         |
| Telecommunications, computer, and information services    | 363.3           | 478.1           | 514.5           | 599.5           | 679.3           | 612.3           | 555.2           | 568.4           | 646.3           | 874.7           |
| Other business services                                   | 10,254.5        | 12,693.2        | 10,213.9        | 10,527.9        | 10,844.0        | 10,952.2        | 11,887.2        | 11,089.5        | 14,082.8        | 15,043.9        |
| Personal, cultural, and recreational services             | 19.6            | 20.8            | 23.3            | 20.8            | 19.3            | 29.4            | 29.8            | 31.8            | 37.2            | 40.8            |
| Government goods and services, n.i.e.                     | 255.8           | 171.1           | 219.4           | 292.7           | 313.2           | 310.3           | 317.9           | 283.5           | 277.7           | 291.4           |
| <b>Total</b>  | <b>41,333.3</b> | <b>46,097.4</b> | <b>45,671.4</b> | <b>47,402.8</b> | <b>45,247.3</b> | <b>42,518.3</b> | <b>43,511.4</b> | <b>46,668.3</b> | <b>54,939.1</b> | <b>58,669.2</b> |

Source:  
ASEAN Secretariat

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

**Table 6.23. Viet Nam Exports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010           | 2011           | 2012           | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -              | -               | -               | -               | 8,550.7         | 7,948.6         | 8,980.0         | 9,904.0         |
| Maintenance and repair services n.i.e.                    | 8.2            | 8.0            | 7.4            | 7.9             | 8.3             | 20.0            | 20.1            | 23.1            | 36.0            | 36.1            |
| Transport   | 2,305.5        | 2,230.0        | 2,074.6        | 2,255.1         | 2,398.0         | 2,445.0         | 2,462.7         | 2,820.7         | 4,384.6         | 4,397.7         |
| Travel  | 4,450.0        | 5,710.0        | 6,850.0        | 7,250.0         | 7,410.0         | 7,350.0         | 8,500.0         | 8,890.0         | 10,080.0        | 11,830.0        |
| Construction  | 65.0           | 71.0           | 85.0           | 126.5           | 144.5           | 148.6           | 164.9           | 175.7           | 213.3           | 235.3           |
| Insurance and pension services                            | 70.0           | 81.0           | 64.0           | 60.0            | 58.0            | 55.0            | 56.0            | 57.0            | 63.0            | 65.0            |
| Financial Services  | 192.0          | 208.0          | 150.0          | 183.0           | 175.0           | 107.0           | 115.0           | 115.0           | 208.0           | 210.0           |
| Charges for the use of intellectual property n.i.e        | 20.6           | 25.0           | 28.0           | 3.0             | 3.0             | 3.5             | 3.8             | 4.0             | 4.5             | 5.0             |
| Telecommunications, computer, and information services    | 223.3          | 234.0          | 236.0          | 466.9           | 470.0           | 561.7           | 606.1           | 618.9           | 719.8           | 785.3           |
| Other business services                                   | 20.1           | 13.8           | 14.5           | 226.6           | 1,420.3         | 1,739.2         | 1,873.3         | 2,001.3         | 2,167.8         | 2,164.4         |
| Personal, cultural, and recreational services             | 0.0            | 0.2            | 0.5            | 6.0             | 7.0             | 8.0             | 9.0             | 10.0            | 12.0            | 13.0            |
| Government goods and services, n.i.e.                     | 105.0          | 110.0          | 110.0          | 125.0           | 137.0           | 142.0           | 150.0           | 162.0           | 171.0           | 179.0           |
| <b>Total</b>  | <b>7,459.7</b> | <b>8,691.0</b> | <b>9,620.0</b> | <b>10,710.0</b> | <b>12,231.0</b> | <b>12,580.0</b> | <b>22,511.7</b> | <b>22,826.3</b> | <b>27,040.0</b> | <b>29,824.9</b> |

Source:  
ASEAN Secretariat

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

**Table 6.24. Viet Nam Imports of Services<sup>1)</sup>, 2010-2019**

(in million US\$)

| Service Heading   | 2010           | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -              | -               | -               | -               | -               | -               | 8.2             | 23.9            | 26.0            | 27.0            |
| Maintenance and repair services n.i.e.                    | 92.1           | 114.8           | 97.1            | 104.0           | 96.2            | 100.1           | 145.3           | 117.9           | 218.0           | 196.0           |
| Transport   | 6,510.4        | 8,117.2         | 6,860.9         | 7,286.0         | 7,687.8         | 7,975.2         | 7,938.3         | 7,310.4         | 7,321.1         | 7,867.0         |
| Travel  | 1,470.0        | 1,710.0         | 1,856.0         | 2,050.0         | 2,650.0         | 3,595.0         | 4,500.0         | 5,040.0         | 5,910.0         | 6,150.0         |
| Construction  | 222.2          | 265.7           | 247.5           | 303.3           | 347.6           | 374.2           | 398.7           | 418.5           | 455.8           | 472.9           |
| Insurance and pension services                            | 481.0          | 567.0           | 874.0           | 911.0           | 1,020.0         | 1,015.0         | 800.0           | 670.0           | 580.0           | 620.0           |
| Financial Services  | 195.0          | 217.0           | 175.0           | 178.0           | 185.0           | 219.0           | 140.0           | 219.0           | 191.0           | 194.0           |
| Charges for the use of intellectual property n.i.e        | 76.0           | 97.0            | 110.0           | 556.0           | 570.0           | 608.0           | 550.0           | 555.0           | 606.0           | 630.0           |
| Telecommunications, computer, and information services    | 213.9          | 230.0           | 209.5           | 227.9           | 257.2           | 340.0           | 357.7           | 367.3           | 389.0           | 427.9           |
| Other business services                                   | 510.4          | 388.3           | 453.0           | 1,728.8         | 2,500.2         | 2,265.5         | 2,757.0         | 3,769.9         | 4,453.1         | 4,324.2         |
| Personal, cultural, and recreational services             | 0.0            | 0.0             | 0.0             | 8.0             | 10.0            | 11.0            | 11.0            | 10.0            | 11.0            | 11.0            |
| Government goods and services, n.i.e.                     | 150.0          | 152.0           | 167.0           | 185.0           | 195.0           | 200.0           | 202.0           | 206.0           | 213.0           | 218.0           |
| <b>Total</b>  | <b>9,921.0</b> | <b>11,859.0</b> | <b>11,050.0</b> | <b>13,538.0</b> | <b>15,519.0</b> | <b>16,703.0</b> | <b>17,808.2</b> | <b>18,707.9</b> | <b>20,374.0</b> | <b>21,138.0</b> |

Source:  
ASEAN Secretariat

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



**Table 6.25. Intra-ASEAN Exports of Services<sup>1</sup>, 2010-2019**

|   | (in million US\$) |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Service Heading   | 2010              | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
| Manufacturing services on physical inputs owned by others | 165.6             | 185.8           | 154.6           | 165.1           | 177.7           | 114.2           | 1,257.4         | 1,025.5         | 2,267.1         | 2,410.3         |
| Maintenance and repair services n.i.e.                    | 890.7             | 897.7           | 994.1           | 862.4           | 767.7           | 796.7           | 772.8           | 473.9           | 518.4           | 707.1           |
| Transport   | 7,088.8           | 8,198.2         | 8,948.0         | 9,132.1         | 8,094.0         | 7,504.4         | 7,238.4         | 7,290.0         | 10,034.2        | 10,495.7        |
| Travel  | 22,891.1          | 26,562.9        | 27,925.4        | 29,901.1        | 29,958.9        | 26,763.0        | 28,971.6        | 29,988.4        | 28,764.1        | 29,455.1        |
| Construction  | 768.0             | 840.1           | 1,056.3         | 1,320.2         | 1,236.6         | 1,344.1         | 1,020.1         | 999.3           | 1,249.8         | 1,132.3         |
| Insurance and pension services                            | 569.9             | 716.1           | 1,014.3         | 1,020.3         | 1,340.8         | 1,426.3         | 1,498.0         | 1,601.3         | 1,839.0         | 1,968.3         |
| Financial Services  | 1,156.8           | 1,259.9         | 1,305.2         | 1,481.5         | 1,410.6         | 1,498.4         | 1,708.1         | 1,974.4         | 2,286.6         | 2,401.7         |
| Charges for the use of intellectual property n.i.e        | 411.0             | 475.1           | 519.7           | 591.1           | 620.3           | 556.8           | 501.4           | 638.0           | 951.9           | 832.9           |
| Telecommunications, computer, and information services    | 1,621.6           | 1,976.2         | 2,255.4         | 2,501.1         | 2,732.4         | 2,926.9         | 3,112.3         | 3,451.7         | 3,413.5         | 3,635.7         |
| Other business services                                   | 6,079.4           | 7,420.7         | 8,807.4         | 9,363.2         | 9,834.5         | 9,232.6         | 10,685.4        | 11,738.3        | 13,636.2        | 14,302.9        |
| Personal, cultural, and recreational services             | 115.4             | 150.2           | 171.4           | 181.9           | 234.9           | 282.9           | 347.7           | 302.0           | 316.8           | 411.2           |
| Government goods and services, n.i.e.                     | 302.0             | 180.3           | 170.2           | 333.5           | 188.1           | 214.4           | 137.4           | 202.4           | 137.6           | 144.1           |
| <b>Total</b>  | <b>42,060.4</b>   | <b>48,863.1</b> | <b>53,322.0</b> | <b>56,853.7</b> | <b>56,596.4</b> | <b>52,660.9</b> | <b>57,250.4</b> | <b>59,685.1</b> | <b>65,415.1</b> | <b>67,897.3</b> |

Source:  
ASEAN Secretariat

Note:  
1) 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>, 2010-2019**

|   | (in million US\$) |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Service Heading   | 2010              | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
| Manufacturing services on physical inputs owned by others | 667.5             | 677.1           | 710.8           | 676.4           | 733.8           | 847.8           | 1,018.9         | 1,021.4         | 1,009.1         | 1,131.1         |
| Maintenance and repair services n.i.e.                    | 128.1             | 146.2           | 231.8           | 321.3           | 262.7           | 363.1           | 294.5           | 271.8           | 276.7           | 384.3           |
| Transport   | 9,705.9           | 11,054.2        | 11,079.6        | 11,021.8        | 11,494.8        | 10,582.1        | 9,557.2         | 10,828.2        | 12,200.0        | 11,509.3        |
| Travel  | 17,023.1          | 20,224.3        | 23,891.7        | 25,533.8        | 26,103.3        | 23,424.9        | 21,786.9        | 23,150.1        | 19,805.7        | 20,266.0        |
| Construction  | 523.8             | 630.8           | 1,098.9         | 1,224.9         | 1,043.4         | 929.9           | 791.8           | 507.4           | 962.2           | 1,075.6         |
| Insurance and pension services                            | 1,290.2           | 1,550.7         | 1,870.0         | 1,888.8         | 1,618.8         | 1,779.0         | 1,682.5         | 1,942.9         | 2,103.6         | 2,570.6         |
| Financial Services  | 564.9             | 636.9           | 665.5           | 593.7           | 459.1           | 607.9           | 680.4           | 719.4           | 881.9           | 1,262.2         |
| Charges for the use of intellectual property n.i.e        | 499.3             | 615.0           | 645.7           | 709.5           | 715.5           | 785.7           | 810.0           | 715.9           | 1,163.7         | 1,210.8         |
| Telecommunications, computer, and information services    | 1,816.3           | 2,262.3         | 2,527.3         | 2,843.2         | 2,642.4         | 2,851.3         | 2,824.7         | 3,098.0         | 3,461.4         | 3,684.5         |
| Other business services                                   | 6,762.3           | 8,495.6         | 8,940.5         | 10,843.6        | 10,438.1        | 10,427.0        | 11,314.9        | 11,591.7        | 13,118.7        | 13,672.1        |
| Personal, cultural, and recreational services             | 154.9             | 155.3           | 207.5           | 265.6           | 309.7           | 249.7           | 207.8           | 350.9           | 477.0           | 418.9           |
| Government goods and services, n.i.e.                     | 141.2             | 81.1            | 127.1           | 151.7           | 206.8           | 119.3           | 207.8           | 257.0           | 257.2           | 304.2           |
| <b>Total</b>  | <b>39,277.7</b>   | <b>46,529.4</b> | <b>51,996.4</b> | <b>56,074.4</b> | <b>56,028.4</b> | <b>52,967.8</b> | <b>51,177.4</b> | <b>54,454.8</b> | <b>55,717.1</b> | <b>57,489.7</b> |

Source:  
ASEAN Secretariat

Note:  
1) 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 (FDI) Inward Flows to ASEAN by Host Country, 2010-2019**

(in million US\$)

| Host Country      | 2010             | 2011            | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019 <sup>1)</sup> |
|-------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Brunei Darussalam | 625.4            | 1,208.3         | 864.8            | 725.5            | 568.2            | 171.3            | -150.4           | 460.1            | 517.3            | 374.6              |
| Cambodia          | 782.6            | 891.7           | 1,557.1          | 1,274.9          | 1,726.5          | 1,701.0          | 2,279.7          | 2,732.2          | 3,102.6          | 3,663.0            |
| Indonesia         | 13,770.2         | 19,241.6        | 19,137.9         | 18,443.8         | 21,810.4         | 16,642.1         | 3,920.7          | 20,579.2         | 20,563.5         | 23,943.2           |
| Lao PDR           | 332.6            | 466.8           | 294.4            | 426.7            | 913.2            | 1,079.2          | 1,075.7          | 1,695.4          | 1,358.0          | 755.5              |
| Malaysia          | 9,155.9          | 12,000.9        | 9,400.0          | 12,107.1         | 10,875.3         | 10,180.0         | 11,290.3         | 9,295.8          | 7,611.3          | 7,698.0            |
| Myanmar           | 2,248.8          | 2,058.2         | 1,354.2          | 2,620.9          | 946.2            | 2,824.5          | 2,989.5          | 4,002.4          | 1,609.8          | 1,729.9            |
| Philippines       | 1,298.0          | 1,815.9         | 2,797.0          | 3,859.8          | 5,814.6          | 5,639.2          | 8,279.5          | 10,256.4         | 9,948.6          | 7,685.3            |
| Singapore         | 57,460.6         | 39,886.6        | 60,101.9         | 56,670.9         | 73,284.5         | 59,702.3         | 68,820.0         | 83,618.3         | 79,723.1         | 92,078.2           |
| Thailand          | 14,746.7         | 2,473.7         | 12,899.0         | 15,936.0         | 4,975.5          | 8,927.6          | 3,486.2          | 8,285.2          | 13,186.3         | 4,816.6            |
| Viet Nam          | 8,000.0          | 7,519.0         | 8,368.0          | 8,900.0          | 9,200.1          | 11,800.0         | 12,600.0         | 14,100.0         | 15,500.0         | 16,120.0           |
| <b>ASEAN</b>      | <b>108,420.7</b> | <b>87,562.8</b> | <b>116,774.3</b> | <b>120,965.5</b> | <b>130,114.5</b> | <b>118,667.1</b> | <b>114,591.1</b> | <b>155,025.0</b> | <b>153,120.4</b> | <b>158,864.4</b>   |

Source:  
ASEAN Secretariat

Notes:  
1) Data for 2019 are preliminary figures

**Table 7.2. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2010-2019**

(in million US\$)

| Source Country            | 2010             | 2011            | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019 <sup>1)</sup> |
|---------------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>ASEAN<sup>2)</sup></b> | <b>15,520.9</b>  | <b>15,836.7</b> | <b>23,900.8</b>  | <b>18,464.2</b>  | <b>22,180.9</b>  | <b>20,819.3</b>  | <b>24,988.8</b>  | <b>25,888.6</b>  | <b>24,249.6</b>  | <b>22,074.7</b>    |
| <b>REST OF THE WORLD</b>  | <b>92,899.8</b>  | <b>71,726.1</b> | <b>92,873.5</b>  | <b>102,501.3</b> | <b>107,933.6</b> | <b>97,847.8</b>  | <b>89,602.3</b>  | <b>129,136.4</b> | <b>128,870.8</b> | <b>136,789.7</b>   |
| Australia                 | 1,716.7          | 4,847.3         | 741.1            | 2,165.5          | 4,032.1          | 1,407.2          | 861.9            | 700.5            | 1,328.9          | 2,770.4            |
| Canada                    | 1,232.6          | 922.7           | 3,870.8          | 790.0            | 2,239.7          | 1,179.7          | 1,187.9          | 547.7            | 773.0            | 3,166.0            |
| China                     | 3,630.8          | 7,194.3         | 7,975.2          | 6,165.2          | 6,811.7          | 6,571.8          | 11,272.1         | 15,495.4         | 12,240.9         | 8,895.9            |
| EU-28                     | 20,958.1         | 24,419.3        | -2,536.7         | 15,718.5         | 28,943.3         | 20,373.0         | 34,242.4         | 17,389.1         | 25,842.2         | 15,405.5           |
| India                     | 4,391.3          | -2,106.2        | 7,040.7          | 1,731.2          | 1,163.5          | 1,473.4          | 227.8            | 1,985.5          | 1,023.0          | 1,892.4            |
| Japan                     | 12,855.2         | 7,797.6         | 14,852.8         | 24,608.6         | 13,436.1         | 12,962.3         | 14,037.8         | 16,140.0         | 23,337.5         | 20,635.6           |
| Korea, Republic of        | 5,577.8          | 1,774.3         | 1,278.5          | 4,302.7          | 5,257.2          | 5,608.8          | 6,284.4          | 4,610.5          | 5,460.0          | 2,390.8            |
| New Zealand               | 335.8            | 24.6            | -945.8           | 270.0            | 496.3            | -58.3            | 154.9            | 164.6            | 65.7             | -104.2             |
| Russian Federation        | 54.5             | 10.1            | 189.1            | 608.0            | -113.5           | -24.4            | 63.4             | 47.8             | 56.1             | 83.3               |
| USA                       | 15,430.5         | 8,197.4         | 18,911.4         | 11,457.9         | 21,141.3         | 22,912.5         | 15,691.0         | 26,775.3         | -23,462.0        | 24,079.6           |
| Others <sup>3)</sup>      | 26,716.7         | 18,644.7        | 41,496.4         | 34,683.8         | 24,526.0         | 25,441.9         | 5,578.6          | 45,280.1         | 82,205.5         | 57,574.2           |
| <b>Total</b>              | <b>108,420.7</b> | <b>87,562.8</b> | <b>116,774.3</b> | <b>120,965.5</b> | <b>130,114.5</b> | <b>118,667.1</b> | <b>114,591.1</b> | <b>155,025.0</b> | <b>153,120.4</b> | <b>158,864.4</b>   |

Source:  
ASEAN Secretariat

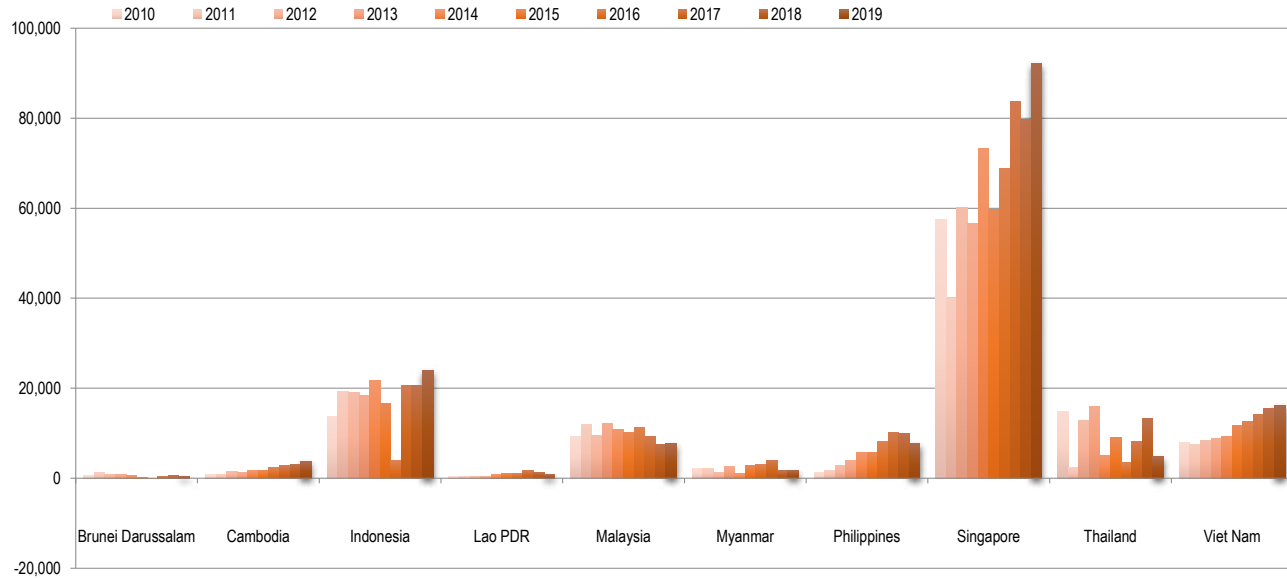
Notes:

1) Data for 2019 are preliminary figures

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

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

**Chart 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2010-2019**



Source: ASEAN Secretariat

**Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2010-2019**

(in million US\$)

| Host Country              | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019 <sup>1)</sup> |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| Brunei Darussalam         | 89.5            | 67.5            | 31.5            | -58.0           | 141.2           | 86.7            | -64.7           | 535.3           | 82.8            | -17.9              |
| Cambodia                  | 349.0           | 223.8           | 523.0           | 298.8           | 372.5           | 425.4           | 635.8           | 603.5           | 788.7           | 707.5              |
| Indonesia                 | 5,904.2         | 8,334.5         | 7,587.9         | 8,721.1         | 13,083.7        | 9,228.6         | 9,907.5         | 10,189.7        | 11,157.0        | 7,098.4            |
| Lao PDR                   | 135.4           | 75.0            | 73.6            | 104.6           | 137.9           | 221.8           | 196.6           | 171.2           | 147.2           | 72.4               |
| Malaysia                  | 525.6           | 2,664.3         | 2,813.9         | 2,150.0         | 2,284.0         | 2,931.4         | 2,098.7         | 2,219.2         | 256.1           | 1,335.3            |
| Myanmar                   | 25.5            | 84.6            | 151.2           | 1,186.8         | 683.6           | 2,230.6         | 1,682.9         | 2,590.4         | 910.8           | 1,171.3            |
| Philippines               | 40.2            | -74.1           | 145.2           | -41.7           | 137.1           | 57.3            | 608.3           | 725.5           | 1,070.2         | 480.9              |
| Singapore                 | 4,929.6         | 1,991.6         | 12,057.3        | 3,495.7         | 4,734.5         | 3,050.4         | 5,613.7         | 4,508.6         | 5,358.9         | 3,542.8            |
| Thailand                  | 2,220.9         | 952.2           | -745.4          | 528.2           | -940.7          | 433.6           | 2,003.4         | 1,814.0         | 1,626.6         | 5,242.7            |
| Viet Nam                  | 1,300.9         | 1,517.3         | 1,262.5         | 2,078.6         | 1,547.1         | 2,153.5         | 2,306.6         | 2,531.2         | 2,851.3         | 2,441.3            |
| <b>ASEAN<sup>2)</sup></b> | <b>15,520.9</b> | <b>15,836.7</b> | <b>23,900.8</b> | <b>18,464.2</b> | <b>22,180.9</b> | <b>20,819.3</b> | <b>24,988.8</b> | <b>25,888.6</b> | <b>24,249.6</b> | <b>22,074.7</b>    |

Source:  
ASEAN Secretariat

Notes:

- 1) Data for 2019 are preliminary figures
- 2) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat



**Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2010-2019**

(in million US\$)

| Source Country            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019 <sup>1)</sup> |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| Brunei Darussalam         | -40.5           | 156.4           | 845.9           | 225.4           | -593.1          | 52.5            | 229.4           | 39.5            | -54.0           | 26.6               |
| Cambodia                  | 17.2            | 33.1            | 2.4             | -1.6            | 20.4            | 47.1            | -7.4            | 20.4            | 42.3            | 46.0               |
| Indonesia                 | 1,298.7         | 1,888.5         | 6,307.3         | 2,314.1         | 1,173.4         | 838.1           | 1,807.8         | 1,451.5         | 868.2           | 570.1              |
| Lao PDR                   | 34.5            | 0.4             | 0.1             | 1.1             | 1.8             | 2.2             | 23.9            | 6.7             | 29.5            | 7.8                |
| Malaysia                  | 3,422.8         | 3,370.9         | 3,894.9         | 1,385.3         | 1,647.1         | 3,743.6         | 4,258.1         | 4,200.9         | 3,496.0         | 2,602.3            |
| Myanmar                   | 69.8            | 118.5           | 98.7            | 95.8            | 101.0           | 29.5            | 51.4            | 11.6            | -61.3           | -26.5              |
| Philippines               | -105.8          | -557.2          | 867.8           | -321.9          | 334.1           | 905.0           | 250.1           | 365.0           | 1,627.2         | -140.3             |
| Singapore                 | 8,931.4         | 12,716.8        | 9,814.7         | 13,267.9        | 15,721.2        | 13,702.2        | 15,459.5        | 17,486.6        | 15,727.9        | 15,590.8           |
| Thailand                  | 1,454.4         | -2,205.0        | 1,477.5         | 1,022.1         | 3,598.5         | 1,084.7         | 2,613.9         | 1,863.5         | 2,101.6         | 2,820.9            |
| Viet Nam                  | 411.4           | 290.2           | 442.7           | 338.5           | 304.0           | 399.3           | 266.5           | 410.8           | 416.8           | 507.2              |
| Unspecified               | 27.1            | 24.1            | 148.8           | 137.5           | -127.7          | 15.1            | 35.6            | 32.1            | 55.4            | 69.9               |
| <b>ASEAN<sup>2)</sup></b> | <b>15,520.9</b> | <b>15,836.7</b> | <b>23,900.8</b> | <b>18,464.2</b> | <b>22,180.9</b> | <b>20,819.3</b> | <b>24,988.8</b> | <b>25,888.6</b> | <b>24,249.6</b> | <b>22,074.7</b>    |

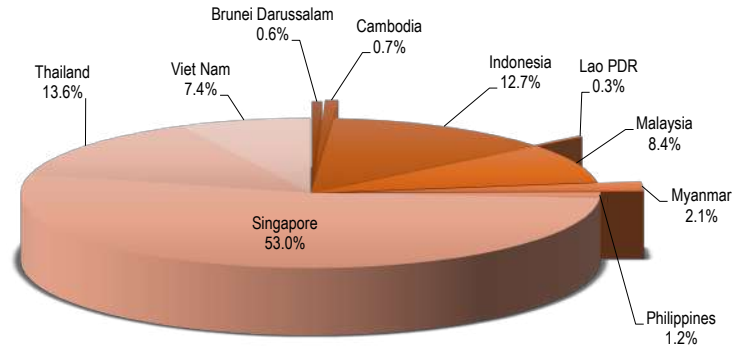
Source:  
ASEAN Secretariat

Notes:

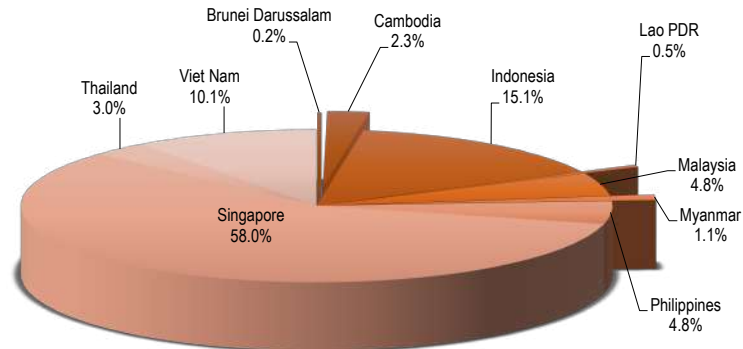
1) Data for 2019 are preliminary figures

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

**Chart. 7.2. Foreign Direct Investment (FDI) in ASEAN by Host Country, 2010**

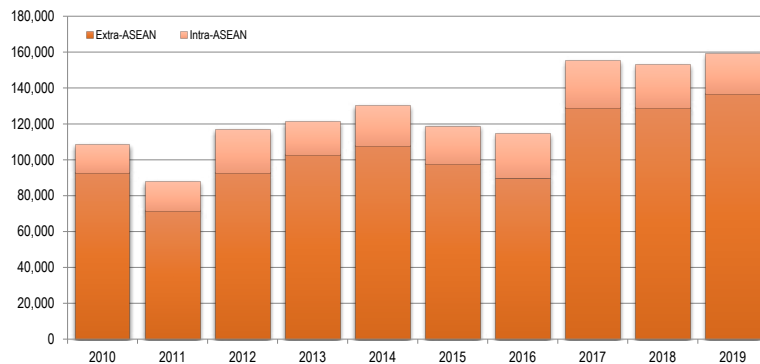


**Chart. 7.3. Foreign Direct Investment (FDI) in ASEAN by Host Country, 2019**

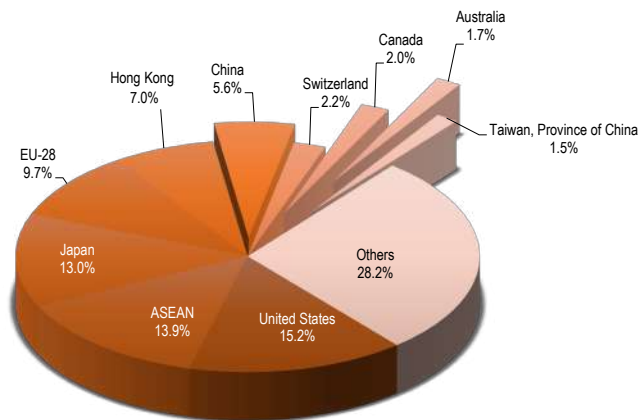


Source: ASEAN Secretariat

**Chart 7.4. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2010-2019**



**Chart 7.5. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2010-2019**



Source: ASEAN Secretariat

**Table 7.5. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2017-2019**

| 2017                      |                         |              | 2018                      |                         |              | 2019                      |                         |              |
|---------------------------|-------------------------|--------------|---------------------------|-------------------------|--------------|---------------------------|-------------------------|--------------|
| Country                   | Value<br>(million US\$) | Share<br>(%) | Country                   | Value<br>(million US\$) | Share<br>(%) | Country                   | Value<br>(million US\$) | Share<br>(%) |
| USA                       | 26,775.3                | 17.3         | EU-28                     | 25,842.2                | 16.9         | USA                       | 24,079.6                | 15.2         |
| ASEAN                     | 25,888.6                | 16.7         | ASEAN                     | 24,249.6                | 15.8         | ASEAN                     | 22,074.7                | 13.9         |
| EU-28                     | 17,389.1                | 11.2         | Japan                     | 23,337.5                | 15.2         | Japan                     | 20,635.6                | 13.0         |
| Japan                     | 16,140.0                | 10.4         | Hong Kong                 | 12,601.6                | 8.2          | EU-28                     | 15,405.5                | 9.7          |
| China                     | 15,495.4                | 10.0         | China                     | 12,240.9                | 8.0          | Hong Kong                 | 11,096.6                | 7.0          |
| Hong Kong                 | 6,014.5                 | 3.9          | Korea, Republic of        | 5,460.0                 | 3.6          | China                     | 8,895.9                 | 5.6          |
| Korea, Republic of        | 4,610.5                 | 3.0          | Taiwan, Province of China | 1,978.4                 | 1.3          | Switzerland               | 3,525.9                 | 2.2          |
| Taiwan, Province of China | 2,139.3                 | 1.4          | Australia                 | 1,328.9                 | 0.9          | Canada                    | 3,166.0                 | 2.0          |
| India                     | 1,985.5                 | 1.3          | India                     | 1,023.0                 | 0.7          | Australia                 | 2,770.4                 | 1.7          |
| Australia                 | 700.5                   | 0.5          | Virgin Islands, British   | 795.1                   | 0.5          | Taiwan, Province of China | 2,456.1                 | 1.5          |
| <b>Top Ten Countries</b>  | <b>117,138.6</b>        | <b>75.6</b>  | <b>Top Ten Countries</b>  | <b>108,857.2</b>        | <b>71.1</b>  | <b>Top Ten Countries</b>  | <b>114,106.5</b>        | <b>71.8</b>  |
| <b>Others</b>             | <b>37,886.4</b>         | <b>24.4</b>  | <b>Others</b>             | <b>44,263.1</b>         | <b>28.9</b>  | <b>Others</b>             | <b>44,757.9</b>         | <b>28.2</b>  |
| <b>TOTAL</b>              | <b>155,025.0</b>        | <b>100.0</b> | <b>TOTAL</b>              | <b>153,120.4</b>        | <b>100.0</b> | <b>TOTAL</b>              | <b>158,864.4</b>        | <b>100.0</b> |

Source:  
ASEAN Secretariat

**Table 7.6. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Agriculture, forestry, and fishing                                    | 1,746.9          | 2,330.2          | 4,716.7          | 5,389.0          | 2,683.3          | 4,275.5          | 3,723.8          | 2,424.5          |
| Mining and quarrying  | 6,461.8          | 8,103.6          | 7,492.0          | 6,542.0          | 3,921.4          | 2,253.2          | -6,911.0         | 2,033.2          |
| Manufacturing   | -8,169.1         | 39,905.2         | 26,887.9         | 28,490.7         | 18,688.2         | 31,731.6         | 55,066.7         | 56,272.4         |
| Electricity, gas, steam and air conditioning supply                   | 192.2            | 1,193.8          | 406.3            | 2,039.9          | 1,047.3          | 7,320.0          | 1,404.5          | 1,528.0          |
| Water supply; sewerage, waste management and remediation activities   | 247.7            | 597.9            | 89.3             | -40.2            | 397.5            | 544.8            | 153.9            | 568.7            |
| Construction  | -256.4           | 836.3            | 1,053.2          | 249.4            | 514.9            | 1,845.1          | 3,161.3          | 2,974.8          |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 38,317.8         | 17,384.3         | 21,912.9         | 10,603.6         | 14,894.6         | 29,671.4         | 21,867.1         | 17,348.2         |
| Transportation and storage  | 3,622.5          | 2,612.4          | -717.1           | 4,327.4          | 2,535.4          | 220.6            | 3,526.9          | 1,472.3          |
| Accommodation and food service activities                             | 148.7            | 21.2             | 229.6            | 449.1            | 1,297.2          | 333.0            | 805.9            | -54.5            |
| Information and communication   | 2,407.6          | 1,827.0          | 2,396.3          | 1,763.6          | 1,888.0          | 2,418.9          | 2,952.7          | 44.9             |
| Financial and Insurance activities                                    | 39,801.7         | 22,078.1         | 44,395.8         | 32,141.4         | 42,522.8         | 41,109.2         | 32,965.8         | 51,432.5         |
| Real estate activities  | 11,054.3         | 9,312.1          | 9,699.3          | 8,865.5          | 10,398.5         | 13,866.8         | 13,290.3         | 9,845.4          |
| Professional, scientific and technical activities                     | 5,506.4          | 421.1            | 2,047.8          | -36.2            | 1,186.6          | 503.7            | 1,255.2          | 793.2            |
| Administrative and support service activities                         | 244.9            | 62.2             | 200.6            | 298.2            | 249.0            | 220.0            | 563.6            | 167.0            |
| Public administration and defence; compulsory social security         | 0.0              | 0.0              | 0.0              | 0.0              | 24.8             | 34.2             | 10.8             | 11.4             |
| Education   | 2.3              | 65.8             | 53.0             | 1.4              | 65.2             | 96.5             | 51.2             | 41.3             |
| Human health and social work activities                               | 293.4            | 131.1            | 206.3            | 127.0            | -105.2           | 331.3            | 816.6            | 2,318.8          |
| Arts, entertainment and recreation                                    | 119.1            | 221.2            | -35.3            | -14.9            | 727.2            | 46.9             | 684.7            | 66.0             |
| Other services activities.  | 13,275.2         | 10,210.5         | 4,864.5          | 13,508.2         | 5,917.4          | 11,292.9         | 10,126.1         | 3,334.0          |
| Others  | 1,757.4          | 3,651.6          | 4,215.2          | 3,961.8          | 5,736.9          | 6,909.5          | 7,604.4          | 6,242.3          |
| <b>Total</b>  | <b>116,774.3</b> | <b>120,965.5</b> | <b>130,114.5</b> | <b>118,667.1</b> | <b>114,591.1</b> | <b>155,025.0</b> | <b>153,120.4</b> | <b>158,864.4</b> |

Source:  
ASEAN Secretariat

**Table 7.7. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Australia by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012         | 2013           | 2014           | 2015           | 2016         | 2017         | 2018           | 2019           |
|---|--------------|----------------|----------------|----------------|--------------|--------------|----------------|----------------|
| Agriculture, forestry, and fishing                                    | 4.6          | 3.1            | 10.2           | 2.6            | 0.9          | 3.5          | -0.2           | 0.4            |
| Mining and quarrying  | 14.4         | 193.5          | 216.6          | 34.4           | -115.9       | 194.6        | -21.5          | 81.9           |
| Manufacturing   | -822.3       | 516.6          | -84.0          | 64.2           | 321.3        | -237.6       | -931.9         | 356.0          |
| Electricity, gas, steam and air conditioning supply                   | 0.1          | 4.9            | 0.5            | 13.0           | 2.1          | 14.1         | 12.3           | 4.4            |
| Water supply; sewerage, waste management and remediation activities   | 0.0          | 0.1            | 0.2            | 0.1            | 4.9          | 0.8          | 2.0            | 1.5            |
| Construction  | -118.1       | 144.4          | 18.9           | -110.7         | 58.0         | -41.9        | 19.7           | -235.0         |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | -588.3       | 85.4           | 295.0          | 3,322.9        | 138.5        | 404.5        | 862.9          | 90.8           |
| Transportation and storage  | 326.4        | 112.1          | 206.9          | -77.3          | -97.3        | 134.9        | 171.3          | 32.9           |
| Accommodation and food service activities                             | -0.0         | 2.7            | 1.4            | 0.6            | 3.9          | 0.9          | 4.4            | 1.3            |
| Information and communication   | -9.8         | 12.4           | -71.7          | -17.1          | -8.7         | 6.0          | 3.9            | 21.6           |
| Financial and Insurance activities                                    | 917.3        | 862.5          | 3,836.9        | 197.1          | -555.8       | -88.3        | 845.6          | 2,211.8        |
| Real estate activities  | 117.7        | -15.4          | 166.5          | -16.7          | 129.8        | 115.8        | 73.1           | -7.7           |
| Professional, scientific and technical activities                     | 161.3        | -2.7           | -28.4          | -10.5          | 7.9          | -0.6         | 9.8            | -6.0           |
| Administrative and support service activities                         | 4.7          | -5.4           | -4.9           | 1.0            | 4.3          | 1.0          | 13.1           | -0.4           |
| Public administration and defence; compulsory social security         | 0.0          | 0.0            | 0.0            | 0.0            | 0.0          | 0.0          | 0.0            | 0.0            |
| Education   | 0.0          | 0.3            | 0.2            | 0.1            | 0.6          | 0.2          | 0.7            | 0.2            |
| Human health and social work activities                               | 10.8         | 9.6            | 7.9            | 5.0            | 0.7          | 0.7          | 1.2            | 0.7            |
| Arts, entertainment and recreation                                    | 0.1          | 0.1            | -0.2           | 0.1            | 3.1          | 2.2          | 12.3           | 39.8           |
| Other services activities.  | 45.3         | 51.9           | -55.5          | -2,042.8       | 941.5        | 189.6        | 250.3          | 176.3          |
| Others  | 676.9        | 189.3          | -484.1         | 41.2           | 22.0         | 0.0          | 0.0            | 0.0            |
| <b>Total</b>  | <b>741.1</b> | <b>2,165.5</b> | <b>4,032.1</b> | <b>1,407.2</b> | <b>861.9</b> | <b>700.5</b> | <b>1,328.9</b> | <b>2,770.4</b> |

Source:  
ASEAN Secretariat

**Table 7.8. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Canada by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012           | 2013         | 2014           | 2015           | 2016           | 2017         | 2018         | 2019           |
|---|----------------|--------------|----------------|----------------|----------------|--------------|--------------|----------------|
| Agriculture, forestry, and fishing                                    | 0.3            | 0.3          | 1.0            | 0.0            | 0.2            | 0.1          | 0.2          | 0.2            |
| Mining and quarrying  | -2.8           | 20.3         | 62.8           | 25.1           | -24.9          | -29.5        | -15.2        | -4.1           |
| Manufacturing   | 128.1          | 103.0        | 166.9          | 8.5            | 68.0           | -33.7        | -14.6        | 43.1           |
| Electricity, gas, steam and air conditioning supply                   | 0.1            | 1.0          | 1.3            | 0.4            | 0.3            | 4.2          | 1.8          | 2.0            |
| Water supply; sewerage, waste management and remediation activities   | 0.0            | 0.1          | 0.3            | 4.3            | 1.5            | -0.1         | 2.4          | 2.4            |
| Construction  | 0.3            | 0.1          | 6.3            | 0.1            | 10.4           | 0.5          | 1.4          | 888.8          |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 519.8          | 5.5          | -42.0          | 29.9           | -56.5          | 72.3         | -69.3        | 50.3           |
| Transportation and storage  | 38.5           | 3.7          | 0.7            | -0.1           | -14.4          | 15.7         | 37.3         | 2.1            |
| Accommodation and food service activities                             | 3.6            | 0.1          | 2.8            | 0.0            | 0.7            | 0.3          | 0.8          | 0.7            |
| Information and communication   | -0.4           | 0.3          | 0.4            | 0.0            | 0.4            | 0.4          | 1.3          | 2.5            |
| Financial and Insurance activities                                    | 621.1          | 714.4        | 858.0          | 1,075.6        | 643.5          | 631.2        | 942.1        | 2,054.8        |
| Real estate activities  | 12.5           | 20.9         | 22.6           | 15.1           | 44.8           | 61.2         | 51.8         | 9.9            |
| Professional, scientific and technical activities                     | 2,259.0        | -118.6       | 830.2          | -31.1          | 590.7          | -179.2       | 12.1         | 7.3            |
| Administrative and support service activities                         | 0.0            | -0.1         | 0.1            | -0.2           | 0.3            | 1.1          | 1.0          | 0.1            |
| Public administration and defence; compulsory social security         | 0.0            | 0.0          | 0.0            | 0.0            | 0.0            | 0.0          | 0.0          | 0.0            |
| Education   | -4.0           | 9.9          | 5.3            | -9.1           | 6.0            | 23.3         | 18.4         | -9.1           |
| Human health and social work activities                               | 0.2            | 0.1          | 2.4            | 0.0            | 0.1            | 0.2          | 0.1          | 0.4            |
| Arts, entertainment and recreation                                    | 0.2            | 0.0          | -0.5           | 0.0            | 0.5            | 0.0          | 1.2          | 0.1            |
| Other services activities.  | 0.1            | 0.1          | 0.1            | 3.0            | 1.3            | 3.5          | 1.0          | 5.5            |
| Others  | 294.2          | 29.1         | 321.0          | 58.0           | -84.6          | -23.6        | -200.6       | 108.9          |
| <b>Total</b>  | <b>3,870.8</b> | <b>790.0</b> | <b>2,239.7</b> | <b>1,179.7</b> | <b>1,187.9</b> | <b>547.7</b> | <b>773.0</b> | <b>3,166.0</b> |

Source:  
ASEAN Secretariat

**Table 7.9. Foreign Direct Investment (FDI) Inward Flows to ASEAN from China by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012           | 2013           | 2014           | 2015           | 2016            | 2017            | 2018            | 2019           |
|---|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|
| Agriculture, forestry, and fishing                                    | 58.7           | 88.0           | 51.5           | 62.2           | 75.2            | 238.6           | 323.4           | 336.1          |
| Mining and quarrying  | 285.1          | 553.4          | 1,122.4        | 274.7          | 110.9           | 679.6           | -196.6          | -498.7         |
| Manufacturing   | -108.5         | 1,191.2        | 601.4          | 741.6          | 1,094.5         | 1,691.8         | 1,451.6         | 3,642.1        |
| Electricity, gas, steam and air conditioning supply                   | 6.5            | 87.7           | 387.3          | 554.5          | 491.5           | 916.8           | 324.5           | 397.2          |
| Water supply; sewerage, waste management and remediation activities   | 3.0            | 1.9            | -2.8           | 45.9           | 16.2            | 16.9            | 14.2            | 89.3           |
| Construction  | 267.9          | 8.6            | 191.5          | 72.4           | 671.1           | 640.0           | 816.6           | 471.7          |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 1,319.3        | 780.1          | 488.5          | 372.2          | 1,773.0         | 2,823.9         | 2,080.7         | 273.9          |
| Transportation and storage  | 1,714.9        | -102.4         | -164.1         | 169.8          | 138.6           | 84.2            | 1,069.8         | -2.1           |
| Accommodation and food service activities                             | 0.1            | 12.2           | 23.6           | 46.8           | 809.0           | -180.1          | 226.2           | 124.0          |
| Information and communication   | 41.8           | -1.8           | -2.9           | 3.4            | 29.1            | 155.3           | 1,920.8         | 75.5           |
| Financial and Insurance activities                                    | 523.7          | 112.7          | 2,195.3        | 1,801.5        | 3,301.5         | 5,193.5         | 961.1           | 1,646.1        |
| Real estate activities  | 1,906.7        | 1,570.9        | 2,105.5        | 2,006.2        | 2,402.6         | 3,175.7         | 2,773.3         | 1,987.7        |
| Professional, scientific and technical activities                     | -0.4           | 8.8            | 23.5           | 12.3           | 53.1            | 58.5            | 80.9            | 155.1          |
| Administrative and support service activities                         | 0.2            | -2.0           | 1.4            | 1.5            | 7.7             | 2.8             | 9.1             | 9.3            |
| Public administration and defence; compulsory social security         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0             | 0.0            |
| Education   | 0.0            | 5.2            | 0.7            | 0.5            | 2.4             | 7.0             | -13.5           | -2.3           |
| Human health and social work activities                               | 1.4            | 4.0            | 4.0            | 2.2            | 6.5             | 18.8            | 19.6            | 18.1           |
| Arts, entertainment and recreation                                    | 1.6            | 2.2            | -0.8           | 0.0            | 13.6            | 0.9             | 34.4            | 3.2            |
| Other services activities.  | 1,472.4        | 878.1          | -290.1         | 293.2          | 63.7            | -28.9           | 344.7           | 169.6          |
| Others  | 480.8          | 966.4          | 75.8           | 110.9          | 211.8           | 0.0             | 0.0             | 0.1            |
| <b>Total</b>  | <b>7,975.2</b> | <b>6,165.2</b> | <b>6,811.7</b> | <b>6,571.8</b> | <b>11,272.1</b> | <b>15,495.4</b> | <b>12,240.9</b> | <b>8,895.9</b> |

Source:  
ASEAN Secretariat



**Table 7.10. Foreign Direct Investment (FDI) Inward Flows to ASEAN from European Union by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Agriculture, forestry, and fishing                                    | 228.3           | 471.2           | 332.8           | 61.5            | 42.2            | 84.0            | -465.6          | 269.1           |
| Mining and quarrying  | 741.6           | 1,574.7         | 1,626.8         | 1,820.4         | 844.4           | 3,304.4         | 122.0           | 721.1           |
| Manufacturing   | -14,572.5       | 3,976.9         | 6,890.2         | 3,789.2         | 4,009.2         | 5,928.3         | 3,518.2         | 2,616.9         |
| Electricity, gas, steam and air conditioning supply                   | 182.4           | 248.1           | 178.2           | -249.7          | -210.3          | 2,132.5         | 62.5            | -518.4          |
| Water supply; sewerage, waste management and remediation activities   | 78.5            | 101.5           | 82.1            | -143.4          | 78.6            | 297.7           | 11.8            | 32.5            |
| Construction  | -21.2           | 202.6           | 188.4           | 9.1             | -201.8          | 29.2            | 80.2            | 74.8            |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 10,268.6        | 7,109.0         | 2,638.7         | 2,174.3         | 3,450.8         | 9,934.7         | 9,065.4         | 7,150.7         |
| Transportation and storage  | -394.5          | -769.1          | 433.7           | 529.3           | 600.4           | 207.4           | 2,300.8         | 108.0           |
| Accommodation and food service activities                             | 3.5             | -3.0            | 33.5            | 16.2            | 15.3            | 24.6            | 17.0            | 96.3            |
| Information and communication   | 811.3           | 333.4           | 408.0           | 320.6           | 37.7            | 239.9           | 302.9           | -199.7          |
| Financial and Insurance activities                                    | -5,944.0        | -1,045.4        | 10,681.4        | -2,260.1        | 14,352.7        | -12,371.2       | 5,362.3         | 6,604.2         |
| Real estate activities  | 364.5           | 334.1           | 453.4           | 720.8           | 475.0           | 559.8           | 1,122.3         | 498.8           |
| Professional, scientific and technical activities                     | 130.3           | 181.6           | 229.4           | 173.8           | 36.4            | 182.8           | -457.0          | -75.5           |
| Administrative and support service activities                         | 53.0            | 31.1            | -9.3            | 38.5            | 122.1           | 17.5            | 126.3           | 21.0            |
| Public administration and defence; compulsory social security         | 0.0             | 0.0             | 0.0             | 0.0             | 18.4            | 33.5            | 13.0            | 13.4            |
| Education   | -2.3            | 0.7             | 2.0             | 0.4             | 3.5             | 9.5             | 6.1             | 6.8             |
| Human health and social work activities                               | 4.4             | 1.6             | 10.6            | 0.6             | 36.0            | 18.0            | 4.1             | 35.8            |
| Arts, entertainment and recreation                                    | 5.8             | 11.5            | -9.2            | 3.8             | 9.6             | 4.3             | 25.6            | 2.5             |
| Other services activities.  | 4,889.0         | 2,027.2         | 363.0           | 12,359.8        | 7,505.4         | 6,752.1         | 4,116.0         | 1,246.1         |
| Others  | 636.7           | 930.7           | 4,409.3         | 1,007.9         | 3,017.0         | 0.0             | 508.5           | -3,298.8        |
| <b>Total</b>  | <b>-2,536.7</b> | <b>15,718.5</b> | <b>28,943.3</b> | <b>20,373.0</b> | <b>34,242.4</b> | <b>17,389.1</b> | <b>25,842.2</b> | <b>15,405.5</b> |

Source:  
ASEAN Secretariat

**Table 7.11. Foreign Direct Investment (FDI) Inward Flows to ASEAN from India by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012           | 2013           | 2014           | 2015           | 2016         | 2017           | 2018           | 2019           |
|---|----------------|----------------|----------------|----------------|--------------|----------------|----------------|----------------|
| Agriculture, forestry, and fishing                                    | 8.7            | 4.6            | 4.7            | 3.5            | 4.8          | 4.7            | 2.3            | 4.8            |
| Mining and quarrying  | -0.7           | 0.4            | -0.1           | 0.2            | 2.9          | -93.5          | -213.8         | -133.0         |
| Manufacturing   | 109.4          | 66.7           | 29.2           | -129.0         | 39.3         | 59.5           | 134.6          | -11.8          |
| Electricity, gas, steam and air conditioning supply                   | 0.1            | 0.1            | 0.2            | 8.9            | 0.4          | 17.3           | 3.5            | 0.6            |
| Water supply; sewerage, waste management and remediation activities   | 0.0            | 0.0            | 0.1            | 0.1            | 1.1          | 1.2            | 0.8            | 0.1            |
| Construction  | 12.2           | -1.4           | -5.9           | 11.4           | 0.2          | 0.6            | 17.0           | 7.8            |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 697.1          | 249.8          | 67.3           | 144.5          | 138.8        | 131.3          | 643.5          | 600.8          |
| Transportation and storage  | -451.6         | -11.0          | 76.1           | -2.6           | 3.7          | -4.0           | -65.9          | -6.9           |
| Accommodation and food service activities                             | -0.2           | -0.2           | 1.5            | 0.4            | 0.9          | 1.1            | 1.3            | 0.3            |
| Information and communication   | 0.2            | -0.1           | -3.6           | 0.6            | 2.8          | 6.2            | 0.7            | -2.5           |
| Financial and Insurance activities                                    | 5,345.3        | 607.7          | 658.9          | 1,015.9        | -1,006.3     | 1,159.9        | -129.3         | 1,162.3        |
| Real estate activities  | 9.1            | 1.3            | 428.7          | 292.2          | 271.5        | 324.9          | 153.8          | 173.0          |
| Professional, scientific and technical activities                     | 1.0            | -1.1           | 1.1            | 11.9           | 0.1          | -0.6           | 11.1           | 1.9            |
| Administrative and support service activities                         | -0.0           | -0.1           | 0.1            | 0.2            | -0.4         | 0.3            | 0.9            | -1.1           |
| Public administration and defence; compulsory social security         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 0.0            |
| Education   | 7.1            | -5.2           | -8.2           | -3.9           | -2.2         | -5.4           | -6.7           | -5.2           |
| Human health and social work activities                               | 0.1            | 0.0            | 0.3            | 0.9            | 1.9          | 2.3            | 14.2           | -0.7           |
| Arts, entertainment and recreation                                    | 0.1            | 0.0            | -0.1           | 0.0            | 0.7          | 0.5            | 2.4            | 0.0            |
| Other services activities.  | 492.1          | 376.1          | -85.6          | 110.2          | 775.2        | 379.0          | 452.8          | 101.8          |
| Others  | 810.7          | 443.5          | -1.2           | 8.0            | -7.7         | 0.0            | 0.0            | 0.1            |
| <b>Total</b>  | <b>7,040.7</b> | <b>1,731.2</b> | <b>1,163.5</b> | <b>1,473.4</b> | <b>227.8</b> | <b>1,985.5</b> | <b>1,023.0</b> | <b>1,892.4</b> |

Source:  
ASEAN Secretariat

**Table 7.12. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Japan by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Agriculture, forestry, and fishing                                    | 77.6            | 50.0            | 73.0            | 50.0            | 11.5            | 21.3            | 21.3            | -20.9           |
| Mining and quarrying  | 198.2           | -292.0          | 637.6           | 514.5           | 615.2           | 635.0           | 225.0           | 57.0            |
| Manufacturing   | 2,524.8         | 12,604.5        | 6,671.7         | 7,273.4         | 4,754.0         | 6,001.9         | 11,014.4        | 5,817.8         |
| Electricity, gas, steam and air conditioning supply                   | 29.4            | 217.9           | 13.1            | 181.2           | 61.0            | 950.7           | 241.9           | 161.9           |
| Water supply; sewerage, waste management and remediation activities   | -2.5            | 420.3           | -17.2           | -2.2            | 29.2            | 58.5            | 35.6            | 43.1            |
| Construction  | -300.2          | 125.4           | -37.9           | -139.1          | -122.8          | 347.7           | 316.9           | 590.0           |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 4,305.4         | 1,491.0         | 647.3           | 1,856.9         | 2,857.9         | 3,032.9         | 5,459.2         | 2,140.8         |
| Transportation and storage  | -336.0          | 245.0           | 114.5           | 464.6           | 595.5           | -592.4          | 2,537.6         | 210.7           |
| Accommodation and food service activities                             | 18.9            | 29.2            | 23.0            | 57.7            | 55.5            | 103.3           | 145.5           | 117.9           |
| Information and communication   | 204.3           | 95.7            | 170.9           | 192.8           | 178.4           | 462.8           | 170.6           | 73.4            |
| Financial and Insurance activities                                    | 6,217.8         | 8,105.0         | 4,777.3         | 1,999.7         | 1,982.6         | 3,177.3         | 29.8            | 6,345.4         |
| Real estate activities  | 390.8           | 355.7           | 358.8           | 118.1           | 469.1           | 884.7           | 1,082.4         | 562.9           |
| Professional, scientific and technical activities                     | 128.6           | 198.8           | -44.8           | -10.0           | 46.3            | 120.8           | 367.9           | 140.4           |
| Administrative and support service activities                         | 69.7            | 16.4            | 86.0            | 130.1           | 41.2            | 41.6            | 86.7            | -25.4           |
| Public administration and defence; compulsory social security         | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Education   | 0.5             | 13.0            | 4.3             | 2.6             | 4.9             | 13.4            | 13.5            | 15.5            |
| Human health and social work activities                               | 9.8             | 53.1            | 22.0            | 70.2            | -252.5          | 103.3           | 155.6           | 2,104.6         |
| Arts, entertainment and recreation                                    | 25.8            | 11.0            | -3.3            | -3.8            | 22.7            | 33.4            | 122.2           | 8.0             |
| Other services activities.  | 961.2           | 562.2           | -687.5          | 79.5            | 1,033.1         | 743.7           | 1,311.5         | 2,290.5         |
| Others  | 328.7           | 306.4           | 627.3           | 125.9           | 1,655.0         | 0.0             | 0.0             | 2.0             |
| <b>Total</b>  | <b>14,852.8</b> | <b>24,608.6</b> | <b>13,436.1</b> | <b>12,962.3</b> | <b>14,037.8</b> | <b>16,140.0</b> | <b>23,337.5</b> | <b>20,635.6</b> |

Source:  
ASEAN Secretariat

**Table 7.13. Foreign Direct Investment (FDI) Inward Flows to ASEAN from Republic of Korea by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Agriculture, forestry, and fishing                                    | 18.0           | 37.0           | 90.5           | 100.3          | 49.9           | 54.7           | 27.1           | 61.0           |
| Mining and quarrying  | 33.7           | 25.4           | 58.9           | 6.1            | 43.0           | -524.4         | -550.2         | -310.3         |
| Manufacturing   | 501.9          | 2,420.7        | 2,917.5        | 2,706.9        | 2,847.8        | 2,079.0        | 1,886.5        | 3,569.9        |
| Electricity, gas, steam and air conditioning supply                   | 4.1            | 166.3          | 34.3           | 484.4          | 175.6          | 850.6          | 179.0          | 97.3           |
| Water supply; sewerage, waste management and remediation activities   | -0.1           | 4.2            | 10.1           | 15.7           | 87.2           | 53.2           | 23.2           | 22.7           |
| Construction  | -93.7          | 142.2          | 230.3          | -248.8         | -468.4         | -166.7         | -62.7          | 169.9          |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 952.7          | 916.0          | 441.2          | 826.2          | 1,321.5        | 1,291.1        | 1,374.3        | 857.3          |
| Transportation and storage  | -206.6         | -78.4          | 10.8           | -27.3          | 196.5          | 62.9           | -1.0           | 266.5          |
| Accommodation and food service activities                             | 2.4            | 34.9           | 105.8          | 51.3           | 93.9           | 69.7           | 64.6           | 43.8           |
| Information and communication   | 25.7           | 1.1            | -5.9           | 16.5           | 20.1           | 14.6           | 20.3           | 46.0           |
| Financial and Insurance activities                                    | -373.7         | 207.1          | 397.7          | 422.1          | 1,039.3        | 240.7          | 707.3          | -3,568.6       |
| Real estate activities  | 96.1           | 102.8          | 424.1          | 425.4          | 331.3          | 322.1          | 633.8          | 425.8          |
| Professional, scientific and technical activities                     | 46.1           | 34.7           | 15.5           | 33.5           | 145.1          | 130.2          | 215.8          | 155.5          |
| Administrative and support service activities                         | 0.3            | 0.2            | 1.6            | 8.1            | 25.5           | 11.4           | 21.8           | 8.5            |
| Public administration and defence; compulsory social security         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Education   | 0.1            | 9.6            | 11.6           | 4.5            | 9.1            | 11.2           | 8.4            | 6.2            |
| Human health and social work activities                               | 13.2           | 9.0            | 62.4           | 2.5            | 7.8            | 36.0           | 11.8           | 18.7           |
| Arts, entertainment and recreation                                    | 5.7            | 4.1            | -12.5          | 0.5            | 49.4           | 3.6            | 101.3          | 6.0            |
| Other services activities.  | 165.5          | 191.6          | -141.1         | -23.7          | 68.9           | 31.2           | 13.2           | 32.9           |
| Others  | 87.0           | 74.1           | 604.1          | 804.6          | 241.0          | 39.3           | 785.6          | 481.6          |
| <b>Total</b>  | <b>1,278.5</b> | <b>4,302.7</b> | <b>5,257.2</b> | <b>5,608.8</b> | <b>6,284.4</b> | <b>4,610.5</b> | <b>5,460.0</b> | <b>2,390.8</b> |

Source:  
ASEAN Secretariat

**Table 7.14. Foreign Direct Investment (FDI) Inward Flows to ASEAN from USA by Industry, 2012-2019**

(in million US\$)

| Source Country  | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018             | 2019            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|
| Agriculture, forestry, and fishing                                    | 2.6             | 54.0            | -20.9           | 9.3             | 6.0             | 5.6             | 21.3             | 4.0             |
| Mining and quarrying  | 675.6           | 906.9           | -833.8          | 560.7           | -902.5          | -3,136.0        | -4,243.4         | 710.5           |
| Manufacturing   | -8,661.1        | 5,432.8         | 1,664.9         | 330.7           | -2,831.8        | -1,108.6        | 15,371.2         | 8,078.8         |
| Electricity, gas, steam and air conditioning supply                   | -31.4           | 25.0            | 8.2             | 62.3            | 10.1            | 76.8            | 32.7             | 13.1            |
| Water supply; sewerage, waste management and remediation activities   | -65.8           | 0.4             | -1.9            | 0.8             | -7.4            | 2.6             | -1.0             | 2.3             |
| Construction  | 8.7             | 7.9             | 25.8            | 85.1            | 8.3             | 91.2            | -46.3            | 39.5            |
| Wholesale and retail trade; repair of motor vehicles and motor cycles | 12,968.4        | 3,436.9         | 12,454.5        | 1,012.4         | 924.6           | 4,581.4         | -19,198.9        | 2,767.5         |
| Transportation and storage  | 341.7           | 34.3            | 58.8            | 150.4           | 551.9           | 35.8            | 448.0            | 117.6           |
| Accommodation and food service activities                             | 12.0            | 110.0           | -74.9           | 63.2            | 48.8            | -2.2            | 7.4              | -570.9          |
| Information and communication   | 36.4            | 22.0            | 54.2            | 24.8            | 337.9           | 9.0             | 7.3              | 128.5           |
| Financial and Insurance activities                                    | 6,574.1         | -1,582.5        | 3,786.1         | 18,477.7        | 17,676.5        | 25,369.2        | -27,036.0        | 10,454.5        |
| Real estate activities  | 521.2           | 430.8           | 355.6           | 527.3           | 530.2           | 976.6           | 694.5            | 611.3           |
| Professional, scientific and technical activities                     | 2,372.1         | -65.3           | 901.7           | -68.0           | -42.8           | -100.7          | 76.9             | 101.5           |
| Administrative and support service activities                         | 41.4            | 25.3            | 57.0            | 54.5            | 32.9            | -27.4           | 44.0             | 5.3             |
| Public administration and defence; compulsory social security         | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0              | 0.0             |
| Education   | 0.5             | 0.6             | 0.7             | 0.5             | 0.6             | 1.1             | 0.6              | 0.4             |
| Human health and social work activities                               | 2.1             | 27.8            | 9.8             | 17.8            | -0.8            | 0.3             | 114.8            | -2.5            |
| Arts, entertainment and recreation                                    | 9.8             | 0.9             | -0.3            | 0.3             | 2.8             | -1.9            | 7.9              | 0.4             |
| Other services activities.  | 140.2           | 337.8           | -179.2          | -132.2          | -1,749.6        | -36.6           | 10,237.1         | 1,617.8         |
| Others  | 3,963.0         | 2,252.4         | 2,875.0         | 1,735.0         | 1,095.3         | 39.0            | 0.0              | 0.0             |
| <b>Total</b>  | <b>18,911.4</b> | <b>11,457.9</b> | <b>21,141.3</b> | <b>22,912.5</b> | <b>15,691.0</b> | <b>26,775.3</b> | <b>-23,462.0</b> | <b>24,079.6</b> |

Source:  
ASEAN Secretariat





## CHAPTER 8

# Transport

|                   |      |      |      |        |      |      |      |      |      |      |     |      |      |
|-------------------|------|------|------|--------|------|------|------|------|------|------|-----|------|------|
| Brunei Darussalam | 97.0 | 99.0 | 94.4 | 91.0   | 98.6 | 90.0 | 98.0 | 90.0 | 10.0 | 10.0 | 0.0 | 10.0 | 10.0 |
| Cambodia          | 80.0 | 81.0 | 81.9 | 175.25 | 93.0 | 93.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Laos              | 77.2 | 77.0 | 76.9 | 224.7  | 80.0 | 80.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Lao PDR           | 40.0 | 69.0 | 72.0 | 80.0   | 80.0 | 80.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Malaysia          | 87.0 | 88.0 | 88.0 | 88.0   | 88.0 | 88.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Philippines       | 95.0 | 95.0 | 95.0 | 95.0   | 95.0 | 95.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Singapore         | 96.0 | 98.0 | 98.0 | 98.0   | 96.0 | 96.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Thailand          | 96.0 | 98.0 | 98.0 | 98.0   | 96.0 | 96.0 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |
| Viet Nam          | 95.6 | 97.0 | 97.8 | 96.5   | 96.4 | 97.7 | 10.0 | 10.0 | 0.0  | 10.0 | 0.0 | 10.0 | 10.0 |





**Table 8.1. ASEAN Road Infrastructure, 2010-2019**

| Road Infrastructure                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR  | Malaysia  | Myanmar   | Philippines | Singapore | Thailand  | Viet Nam  |
|-------------------------------------|------|-------------------|----------|-----------|----------|-----------|-----------|-------------|-----------|-----------|-----------|
| <b>Total Length (Km)</b>            | 2010 | 2,763.4           | 44,919.0 | 487,314.0 | 39,586.0 | 137,219.5 | 136,749.0 | 31,242.4    | 3,380.0   | 229,430.6 | 295,100.0 |
|                                     | 2011 | 2,868.7           | 44,919.0 | 496,607.0 | 41,032.0 | 157,167.2 | 150,816.0 | 31,359.0    | 3,410.0   | 231,215.6 | 300,848.0 |
|                                     | 2012 | 2,908.8           | 51,422.0 | 504,184.0 | 43,601.0 | 182,699.3 | 151,298.0 | 31,597.7    | 3,430.0   | 231,789.6 | 326,000.0 |
|                                     | 2013 | 2,935.8           | 51,404.0 | 508,000.0 | 45,825.0 | 204,170.1 | 164,969.0 | 32,227.0    | 3,453.0   | 232,195.6 | 334,845.0 |
|                                     | 2014 | 2,976.1           | 55,026.0 | 517,753.0 | 51,596.0 | 203,791.0 | 165,723.2 | 32,526.0    | 3,496.0   | 233,174.6 | 357,222.0 |
|                                     | 2015 | 2,998.5           | 58,000.0 | 523,974.0 | 56,330.0 | 216,837.1 | 147,821.6 | 32,633.4    | 3,500.0   | 234,072.6 | 360,216.0 |
|                                     | 2016 | 3,049.0           | 58,946.0 | 537,838.0 | 58,885.0 | 238,789.9 | 164,028.1 | 32,770.3    | 3,512.0   | 454,025.2 | 368,779.0 |
|                                     | 2017 | 3,053.0           | 61,508.4 | 539,415.0 | 59,870.0 | 237,022.4 | 164,376.8 | 32,868.1    | 3,500.0   | 457,221.2 | 370,664.0 |
|                                     | 2018 | 3,059.0           | 62,442.0 | 542,310.0 | 60,340.0 | 250,023.4 | 162,766.2 | 32,932.7    | 3,515.0   | 702,359.3 | 387,653.5 |
|                                     | 2019 | 3,714.0           | 63,432.4 | 544,917.0 | -        | -         | 138,272.4 | -           | -         | 701,847.1 | -         |
| <b>Length of Paved Network (Km)</b> | 2010 | 2,338.5           | 2,852.0  | 277,755.0 | 5,427.0  | 111,377.5 | 28,569.0  | 24,126.6    | 3,377.0   | 159,678.8 | 190,149.5 |
|                                     | 2011 | 2,467.1           | 3,881.0  | 283,102.0 | 5,703.0  | 127,517.0 | 33,014.0  | 24,834.4    | 3,412.0   | 160,485.1 | 197,682.0 |
|                                     | 2012 | 2,707.4           | 5,474.0  | 283,102.0 | 6,496.3  | 143,012.3 | 32,535.0  | 25,443.4    | 3,426.0   | 160,771.2 | 216,000.0 |
|                                     | 2013 | 2,742.6           | 5,619.0  | 285,252.0 | 6,888.0  | 158,005.2 | 39,076.0  | 26,773.0    | 3,453.0   | 162,230.1 | 218,000.0 |
|                                     | 2014 | 2,783.1           | 7,576.0  | 295,968.0 | 8,272.0  | 154,696.7 | 38,423.1  | 27,816.0    | 3,496.0   | 163,170.4 | 222,000.0 |
|                                     | 2015 | 2,804.7           | 6,549.5  | 317,119.0 | 8,830.3  | 164,035.6 | 37,119.3  | 28,919.2    | 3,500.0   | 164,372.5 | 229,790.6 |
|                                     | 2016 | 2,857.0           | 8,800.0  | 326,629.0 | 9,044.0  | 180,193.9 | 37,662.5  | 30,010.0    | 3,512.0   | 278,421.4 | 254,340.4 |
|                                     | 2017 | 2,860.0           | 10,685.3 | 321,093.0 | 9,251.0  | 179,517.6 | 39,496.5  | 31,035.3    | 3,500.0   | 282,586.5 | 262,857.3 |
|                                     | 2018 | 2,863.0           | 11,096.4 | 329,926.0 | 11,728.1 | 189,800.1 | 53,418.3  | 31,622.8    | 3,515.0   | 407,881.8 | 281,652.4 |
|                                     | 2019 | 3,223.2           | 12,008.7 | -         | -        | 12,617.2  | -         | 40,626.9    | -         | -         | 407,970.1 |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.2. ASEAN Road Fleet, 2010-2019**

| Road Fleet   | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Total number of registered road motor vehicles in ('000) | 2010 | 113.7             | 261.0    | 76,907.1  | 1,008.9 | 20,188.6 | 2,299.0 | 6,634.9     | 945.8     | 28,484.8 | 1,274.0  |
|  | 2011 | 148.2             | 251.7    | 85,601.4  | 1,089.6 | 21,401.3 | 2,354.0 | 7,139.0     | 956.7     | 30,194.9 | 1,463.0  |
|  | 2012 | 238.0             | 271.2    | 94,373.0  | 1,288.3 | 22,702.2 | 3,614.3 | 7,463.0     | 969.9     | 32,477.0 | 1,590.0  |
|  | 2013 | 261.0             | 282.1    | 103,913.0 | 1,439.0 | 23,819.3 | 4,017.0 | 7,690.0     | 974.2     | 34,624.4 | 1,669.0  |
|  | 2014 | 294.0             | 344.2    | 113,354.0 | 1,577.2 | 25,101.2 | 4,908.0 | 8,081.0     | 972.0     | 35,835.2 | 1,837.0  |
|  | 2015 | -                 | 398.5    | 120,786.0 | 1,717.5 | 26,302.0 | 5,385.0 | 8,707.0     | 957.2     | 36,731.0 | 2,107.0  |
|  | 2016 | 390.4             | 525.8    | 128,069.0 | 1,850.0 | 27,613.3 | 6,126.3 | 9,252.0     | 956.4     | 37,338.1 | 2,516.0  |
|  | 2017 | 409.0             | 441.8    | 130,562.0 | 1,978.0 | 28,738.2 | 6,801.0 | 10,411.0    | 961.8     | 38,308.8 | 2,902.0  |
|  | 2018 | 282.3             | 580.9    | 146,858.8 | 2,105.0 | 29,956.5 | 7,215.5 | 11,595.0    | 957.0     | 39,551.8 | 3,274.4  |
|  | 2019 | 290.0             | 646.0    | 154,376.4 | 2,236.7 | -        | 7,334.0 | -           | 973.1     | 40,712.0 | -        |
| Number of public buses ('000)                            | 2010 | 1.08              | -        | 20.80     | -       | -        | 28.00   | 23.00       | 3.98      | 87.55    | 86.00    |
|  | 2011 | 1.59              | -        | 21.16     | -       | -        | 25.00   | 25.00       | 4.11      | 89.09    | 70.70    |
|  | 2012 | 0.11              | -        | 21.72     | 0.03    | -        | 23.00   | 27.00       | 4.21      | 88.90    | 78.50    |
|  | 2013 | 0.11              | -        | 22.88     | 0.04    | -        | 24.00   | 24.00       | 5.00      | 87.51    | -        |
|  | 2014 | 0.12              | -        | 22.54     | 0.05    | -        | 83.10   | 17.00       | 5.00      | 86.44    | -        |
|  | 2015 | 0.12              | -        | 23.46     | 0.06    | -        | 29.20   | 18.00       | 5.00      | 85.76    | -        |
|  | 2016 | 0.12              | -        | 22.74     | 0.07    | -        | 33.00   | 17.00       | 5.00      | 83.80    | -        |
|  | 2017 | 0.14              | -        | 16.24     | 0.07    | -        | 33.00   | 19.00       | 5.00      | 78.89    | -        |
|  | 2018 | 2.51              | -        | 16.35     | 0.07    | -        | 33.00   | 19.00       | 6.00      | 75.84    | -        |
|  | 2019 | 2.59              | -        | 12.37     | 0.07    | -        | 141.60  | -           | -         | 72.89    | -        |

**Table 8.2. ASEAN Road Fleet, 2010-2019 (Continued)**

| Road Fleet  | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>Total Vehicles per 1000 population</b>         | 2010 | 293.8             | 18.2     | 328.4     | 161.3   | 706.2    | 45.5    | 71.2        | 186.3     | 432.1    | 14.6     |
|   | 2011 | 376.7             | 17.3     | 353.7     | 170.7   | 736.4    | 46.9    | 75.3        | 184.6     | 456.0    | 16.6     |
|   | 2012 | 595.3             | 18.4     | 384.5     | 197.8   | 769.3    | 71.3    | 77.3        | 182.6     | 488.4    | 17.8     |
|   | 2013 | 642.5             | 19.2     | 417.6     | 216.6   | 788.4    | 78.5    | 78.3        | 180.4     | 518.7    | 18.5     |
|   | 2014 | 713.8             | 23.1     | 449.5     | 231.6   | 817.4    | 94.4    | 80.9        | 177.7     | 534.8    | 20.1     |
|   | 2015 |                   | 26.2     | 472.6     | 257.4   | 843.4    | 102.7   | 85.7        | 172.9     | 546.3    | 22.8     |
|   | 2016 | 935.6             | 34.0     | 495.4     | 272.6   | 872.9    | 115.8   | 89.6        | 170.6     | 553.5    | 27.0     |
|   | 2017 | 970.8             | 28.1     | 499.6     | 286.6   | 897.4    | 127.4   | 99.2        | 171.4     | 566.3    | 30.8     |
|   | 2018 | 638.1             | 36.3     | 555.9     | 300.2   | 925.1    | 134.6   | 108.8       | 169.7     | 583.1    | 34.3     |
|   | 2019 | 631.1             | 39.7     | 578.4     | 314.0   | -        | 135.6   | -           | 170.6     | 598.8    | -        |
| <b>Number of public buses per 1000 population</b> | 2010 | 2.79              | -        | 0.09      | -       | -        | 0.55    | 0.25        | 0.78      | 1.33     | 0.99     |
|   | 2011 | 4.04              | -        | 0.09      | -       | -        | 0.50    | 0.26        | 0.79      | 1.35     | 0.80     |
|   | 2012 | 0.28              | -        | 0.09      | 0.00    | -        | 0.45    | 0.28        | 0.79      | 1.34     | 0.88     |
|   | 2013 | 0.27              | -        | 0.09      | 0.01    | -        | 0.47    | 0.24        | 0.93      | 1.31     | -        |
|   | 2014 | 0.29              | -        | 0.09      | 0.01    | -        | 1.60    | 0.17        | 0.91      | 1.29     | -        |
|   | 2015 | 0.28              | -        | 0.09      | 0.01    | -        | 0.56    | 0.18        | 0.90      | 1.28     | -        |
|   | 2016 | 0.29              | -        | 0.09      | 0.01    | -        | 0.62    | 0.16        | 0.89      | 1.24     | -        |
|   | 2017 | 0.33              | -        | 0.06      | 0.01    | -        | 0.62    | 0.18        | 0.89      | 1.17     | -        |
|   | 2018 | 5.67              | -        | 0.06      | 0.01    | -        | 0.62    | 0.18        | 1.06      | 1.12     | -        |
|   | 2019 | 5.64              | -        | 0.05      | 0.01    | -        | 2.62    | -           | -         | 1.07     | -        |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.3. ASEAN Railways, 2010-2019**

| Railways, Passenger and Freight | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar  | Philippines | Singapore | Thailand  | Viet Nam |
|---------------------------------|------|-------------------|----------|-----------|---------|----------|----------|-------------|-----------|-----------|----------|
| Route Length (Km)               | 2010 | n.a.              | 652.0    | 4,816.0   | 3.5     | 1,703.2  | 5,672.2  | 528.7       | n.a.      | 4,122.0   | 2,576.6  |
|                                 | 2011 | n.a.              | 652.0    | 4,827.0   | 3.5     | 1,703.2  | 5,844.0  | 528.7       | n.a.      | 4,122.0   | 2,600.0  |
|                                 | 2012 | n.a.              | 652.0    | 4,861.0   | 3.5     | 1,703.2  | 5,844.0  | 528.7       | n.a.      | 4,122.0   | 2,600.0  |
|                                 | 2013 | n.a.              | 650.0    | 5,107.0   | 3.5     | 1,703.2  | 5,959.0  | 528.7       | n.a.      | 4,128.0   | 3,143.0  |
|                                 | 2014 | n.a.              | 650.0    | 5,196.0   | 3.5     | 1,705.4  | 6,110.5  | 528.7       | n.a.      | 4,128.0   | 3,143.0  |
|                                 | 2015 | n.a.              | 650.0    | 5,350.0   | 3.5     | 1,705.4  | 6,110.5  | 528.7       | n.a.      | 4,128.0   | 3,147.0  |
|                                 | 2016 | n.a.              | 650.0    | 5,384.0   | 3.5     | 1,705.4  | 6,076.7  | 528.7       | n.a.      | 4,151.0   | 3,160.0  |
|                                 | 2017 | n.a.              | 650.0    | 5,723.0   | 3.5     | 1,799.4  | 6,112.3  | 528.7       | n.a.      | 4,153.8   | 3,160.0  |
|                                 | 2018 | n.a.              | 650.0    | 6,061.0   | 3.5     | 1,799.4  | 6,112.3  | 528.7       | n.a.      | 4,632.7   | 3,162.9  |
|                                 | 2019 | n.a.              | 652.0    | 6,301.0   | -       | -        | 6,112.3  | -           | n.a.      | 4,644.7   | -        |
| Passenger Carried ('000)        | 2010 | n.a.              | -        | 201,930.0 | 120.0   | 4,216.0  | 68,800.0 | 381,997.0   | n.a.      | 253,746.2 | 11,200.0 |
|                                 | 2011 | n.a.              | -        | 191,686.0 | 120.0   | 3,686.0  | 66,900.0 | 395,336.1   | n.a.      | 292,265.6 | 11,900.0 |
|                                 | 2012 | n.a.              | -        | 202,881.0 | 340.0   | 3,056.0  | 54,800.0 | 431,196.0   | n.a.      | 330,643.5 | 12,200.0 |
|                                 | 2013 | n.a.              | -        | 220,414.1 | 320.0   | 2,703.0  | 53,700.0 | 438,777.2   | n.a.      | 347,919.6 | 12,100.0 |
|                                 | 2014 | n.a.              | -        | 277,683.0 | 380.0   | 2,223.0  | 49,536.0 | 435,583.2   | n.a.      | 365,277.0 | 12,000.0 |
|                                 | 2015 | n.a.              | -        | 327,824.0 | 380.0   | 2,014.0  | 42,707.0 | 340,885.7   | n.a.      | 379,311.9 | 11,200.0 |
|                                 | 2016 | n.a.              | 14.0     | 352,561.0 | 308.0   | 2,791.0  | 42,602.0 | 370,813.2   | n.a.      | 395,032.2 | 9,800.0  |
|                                 | 2017 | n.a.              | 39.1     | 392,363.0 | 320.0   | 3,092.0  | 46,937.0 | 379,074.4   | n.a.      | 418,127.1 | 9,500.0  |
|                                 | 2018 | n.a.              | 0.6      | 422,332.0 | 320.0   | 3,527.0  | 43,611.0 | 296,000.0   | n.a.      | 432,113.2 | 8,600.0  |
|                                 | 2019 | n.a.              | 62.5     | 453,486.0 | -       | -        | 34,169.0 | -           | n.a.      | 438,552.5 | -        |

**Table 8.3. ASEAN Railways, 2010-2019 (Continued)**

| Railways, Passenger and Freight                         | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>Passenger-Kilometer<br/>(Mn passenger-kilometer)</b> | 2010 | n.a.              | -        | 20.3      | 0.4     | 1,528.9  | 5,335.6 | 31,404.0    | n.a.      | 9,415.1  | 4,377.9  |
|   | 2011 | n.a.              | -        | 17.8      | 0.5     | 1,425.6  | 5,281.5 | 32,500.6    | n.a.      | 9,061.4  | 4,571.0  |
|   | 2012 | n.a.              | -        | 15.3      | 0.9     | 1,216.1  | 3,921.2 | 35,448.6    | n.a.      | 9,407.4  | 4,600.6  |
|   | 2013 | n.a.              | -        | 17.6      | 0.9     | 1,080.9  | 3,610.1 | 36,071.9    | n.a.      | 8,856.6  | 4,416.6  |
|   | 2014 | n.a.              | -        | 15.2      | 1.2     | 618.0    | 3,465.9 | 35,809.3    | n.a.      | 8,707.6  | 4,481.9  |
|   | 2015 | n.a.              | -        | 22.1      | 0.9     | 428.0    | 3,110.5 | 28,024.2    | n.a.      | 8,513.7  | 4,149.6  |
|   | 2016 | n.a.              | -        | 21.6      | 0.1     | 272.0    | 3,111.9 | 30,484.6    | n.a.      | 8,563.1  | 3,421.6  |
|   | 2017 | n.a.              | -        | 16.2      | 0.7     | 179.6    | 3,200.4 | 31,163.7    | n.a.      | 9,095.5  | 3,625.1  |
|   | 2018 | n.a.              | -        | 16.9      | 0.1     | 178.0    | 3,073.0 | 55,820.6    | n.a.      | 8,674.7  | 3,511.7  |
|   | 2019 | n.a.              | -        | -         | -       | -        | 2,916.0 | -           | n.a.      | 9,062.8  | -        |
| <b>Freight-Kilometer<br/>(Mn ton kilometer)</b>         | 2010 | n.a.              | 0.0      | 7.0       | -       | 1,483.0  | 1,085.2 | n.a.        | n.a.      | 2,582.0  | 3,960.9  |
|   | 2011 | n.a.              | 8.2      | 6.5       | -       | 1,535.0  | 1,159.6 | n.a.        | n.a.      | 2,455.0  | 4,162.0  |
|   | 2012 | n.a.              | -        | 7.3       | -       | 1,564.0  | 1,041.0 | n.a.        | n.a.      | 2,342.0  | 4,023.4  |
|   | 2013 | n.a.              | -        | 8.2       | -       | 1,760.0  | 841.3   | n.a.        | n.a.      | 2,566.4  | 3,804.1  |
|   | 2014 | n.a.              | -        | 9.5       | -       | 1,741.0  | 808.1   | n.a.        | n.a.      | 2,294.9  | 4,311.5  |
|   | 2015 | n.a.              | -        | 6.8       | -       | 1,474.0  | 771.6   | n.a.        | n.a.      | 2,545.3  | 4,035.5  |
|   | 2016 | n.a.              | -        | 11.2      | -       | 1,349.0  | 706.0   | n.a.        | n.a.      | 2,646.5  | 3,198.2  |
|   | 2017 | n.a.              | -        | 13.4      | -       | 1,233.6  | 679.7   | n.a.        | n.a.      | 2,846.1  | 3,616.7  |
|   | 2018 | n.a.              | -        | 15.1      | -       | 1,314.7  | 728.7   | n.a.        | n.a.      | 2,769.1  | 4,025.4  |
|   | 2019 | n.a.              | -        | 15.6      | -       | -        | 767.5   | n.a.        | n.a.      | 2,623.6  | -        |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2010-2019**

| Maritime Port and Fleet                  | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>No of Domestic Ports</b>              | 2010 | 1                 | 7        | 2,187     | n.a.    | 14       | 22      | 395         | n.a.      | 215      | n.a.     |
|  | 2011 | 1                 | 5        | 2,187     | n.a.    | 13       | 22      | 395         | n.a.      | 216      | n.a.     |
|  | 2012 | 1                 | 5        | 2,187     | n.a.    | 13       | 22      | 501         | n.a.      | 242      | n.a.     |
|  | 2013 | 2                 | 5        | 2,075     | n.a.    | 13       | 22      | 501         | n.a.      | 242      | n.a.     |
|  | 2014 | 2                 | 5        | 2,150     | n.a.    | 13       | 22      | 520         | n.a.      | 242      | n.a.     |
|  | 2015 | 2                 | 5        | -         | n.a.    | 13       | 22      | 534         | n.a.      | 242      | n.a.     |
|  | 2016 | 2                 | 5        | 1,697     | n.a.    | 13       | 22      | 524         | n.a.      | 242      | n.a.     |
|  | 2017 | 2                 | 5        | 639       | n.a.    | 13       | 22      | 538         | n.a.      | 246      | n.a.     |
|  | 2018 | 2                 | 5        | 1,714     | n.a.    | 13       | 9       | 597         | n.a.      | 382      | n.a.     |
|  | 2019 | 2                 | 5        | 1,950     | n.a.    | 13       | 9       | -           | n.a.      | 404      | n.a.     |
| <b>Domestic Passenger Traffic ('000)</b> | 2010 | n.a.              | -        | 5,097.0   | n.a.    | 14,620.1 | 150.3   | 67,590.7    | n.a.      | 13,985.4 | 359.9    |
|  | 2011 | n.a.              | -        | 5,658.0   | n.a.    | 14,718.5 | 85.1    | 65,070.2    | n.a.      | 21,442.3 | 414.4    |
|  | 2012 | n.a.              | -        | 6,746.0   | n.a.    | 15,274.9 | 73.9    | 66,152.6    | n.a.      | 22,601.1 | 1,248.4  |
|  | 2013 | n.a.              | -        | 6,618.0   | n.a.    | 16,802.4 | 122.7   | 70,920.8    | n.a.      | 20,229.0 | -        |
|  | 2014 | n.a.              | -        | 6,907.0   | n.a.    | 3,321.6  | 28.0    | 72,257.4    | n.a.      | 20,311.8 | -        |
|  | 2015 | n.a.              | -        | -         | n.a.    | 5,293.1  | 11.8    | 80,876.2    | n.a.      | 28,893.4 | -        |
|  | 2016 | n.a.              | -        | -         | n.a.    | 5,126.8  | 2.0     | 89,047.6    | n.a.      | 29,679.0 | -        |
|  | 2017 | n.a.              | -        | 3,359.0   | n.a.    | 5,257.8  | 1.9     | 93,237.7    | n.a.      | 33,251.0 | -        |
|  | 2018 | n.a.              | -        | -         | n.a.    | 5,168.0  | 1.4     | 98,278.2    | n.a.      | 32,954.1 | -        |
|  | 2019 | n.a.              | -        | -         | n.a.    | -        | 0.3     | -           | n.a.      | 39,288.4 | -        |

**Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2010-2019 (Continued)**

| Maritime Port and Fleet              | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam  |
|--------------------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|-----------|
| Domestic Cargo Throughput ('000 ton) | 2010 | 3.0               | 1,578.0  | 308,990.0 | n.a.    | -        | 2,519.0 | 69,796.0    | n.a.      | 30,457.2 | 75,500.0  |
|                                      | 2011 | 4.0               | 1,578.0  | 320,268.0 | n.a.    | -        | 2,421.0 | 74,171.0    | n.a.      | 41,272.8 | 87,941.0  |
|                                      | 2012 | 5.0               | 1,578.0  | 355,023.0 | n.a.    | -        | 2,701.0 | 75,876.0    | n.a.      | 44,262.9 | 79,783.5  |
|                                      | 2013 | 6.0               | 1,578.0  | 387,546.0 | n.a.    | -        | 2,543.0 | 77,961.0    | n.a.      | 45,441.0 | -         |
|                                      | 2014 | 8.0               | 1,578.0  | 408,606.0 | n.a.    | -        | 3,342.0 | 79,713.0    | n.a.      | 46,672.8 | -         |
|                                      | 2015 | 13.0              | 1,578.0  | -         | n.a.    | -        | 3,023.0 | 89,051.0    | n.a.      | 51,872.5 | 139,568.0 |
|                                      | 2016 | 9.0               | 1,578.0  | -         | n.a.    | -        | 3,510.0 | 94,364.0    | n.a.      | 50,894.5 | 160,902.0 |
|                                      | 2017 | 9.0               | 2,007.0  | 965,126.0 | n.a.    | -        | 4,782.0 | 101,496.0   | n.a.      | 60,850.0 | 175,132.0 |
|                                      | 2018 | -                 | -        | 775,289.2 | n.a.    | -        | 4,535.0 | 146,903.0   | n.a.      | 61,797.7 | 212,281.0 |
|                                      | 2019 | -                 | -        | 851,408.6 | n.a.    | -        | 3,983.0 | -           | n.a.      | 61,772.3 | -         |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2010-2019**

| Maritime Port and Fleet                       | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>No. of International Ports</b>             | 2010 | 1                 | 2        | 141       | n.a.    | 10       | 9       | 171         | 2         | 7        | 250      |
|   | 2011 | 1                 | 3        | 141       | n.a.    | 15       | 9       | 171         | 2         | 7        | 329      |
|   | 2012 | 1                 | 3        | 141       | n.a.    | 15       | 9       | 171         | 2         | 7        | 240      |
|   | 2013 | 1                 | 3        | 136       | n.a.    | 15       | 9       | 171         | 2         | 7        | -        |
|   | 2014 | 1                 | 3        | 136       | n.a.    | 15       | 9       | 171         | 2         | 7        | -        |
|   | 2015 | 1                 | 3        | -         | n.a.    | 15       | 9       | 179         | 2         | 7        | -        |
|   | 2016 | 1                 | 3        | 128       | n.a.    | 15       | 9       | 191         | 2         | 7        | 160      |
|   | 2017 | 1                 | 3        | 85        | n.a.    | 15       | 9       | 190         | 2         | 7        | 163      |
|   | 2018 | 1                 | 3        | 144       | n.a.    | 15       | 1       | 205         | 2         | 7        | -        |
|   | 2019 | 1                 | 3        | 144       | n.a.    | 15       | 1       | -           | 2         | 7        | -        |
| <b>International Passenger Traffic ('000)</b> | 2010 | 239.0             | 24.0     | 1,723.0   | n.a.    | 4,348.1  | 1.1     | 63.0        | -         | 485.9    | -        |
|   | 2011 | 227.0             | 8.0      | 1,797.0   | n.a.    | 3,050.2  | 7.0     | 50.0        | -         | 552.2    | -        |
|   | 2012 | 230.0             | 20.0     | 1,933.0   | n.a.    | 2,423.2  | 6.3     | 51.0        | -         | 612.4    | -        |
|   | 2013 | 222.0             | 16.0     | 1,757.0   | n.a.    | 2,750.5  | 6.7     | 35.0        | -         | 495.2    | -        |
|   | 2014 | 203.0             | 22.0     | 1,909.0   | n.a.    | 1,060.4  | 18.5    | 44.0        | -         | 515.2    | -        |
|   | 2015 | 208.0             | 44.0     | -         | n.a.    | 1,964.7  | 34.3    | 92.0        | -         | 450.6    | -        |
|   | 2016 | 197.0             | 50.0     | -         | n.a.    | 1,714.7  | 22.0    | 101.0       | -         | 476.0    | -        |
|   | 2017 | 186.0             | 26.0     | 1,490.0   | n.a.    | 2,100.2  | 5.9     | 145.0       | -         | 494.1    | -        |
|   | 2018 | 210.0             | 41.0     | 1,831.9   | n.a.    | 7,269.0  | 8.5     | 482.0       | -         | 644.0    | -        |
|   | 2019 | -                 | 48.0     | 1,985.0   | n.a.    | -        | 10.7    | -           | -         | 787.4    | -        |



**Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2010-2019 (Continued)**

| Maritime Port and Fleet                    | Year | Brunei Darussalam | Cambodia | Indonesia   | Lao PDR | Malaysia  | Myanmar  | Philippines | Singapore | Thailand  | Viet Nam  |
|--|------|-------------------|----------|-------------|---------|-----------|----------|-------------|-----------|-----------|-----------|
| International Cargo Throughput ('000 ton)  | 2010 | 1,050.0           | 2,208.3  | 567,208.0   | n.a.    | 449,787.0 | 19,798.0 | 96,598.0    | 503,342.1 | 130,315.5 | 154,154.0 |
|  | 2011 | 1,044.0           | 2,439.4  | 580,878.0   | n.a.    | 497,695.0 | 21,541.0 | 104,106.0   | 531,175.6 | 157,174.3 | 154,876.0 |
|  | 2012 | 1,212.0           | 2,659.8  | 597,665.0   | n.a.    | 500,578.0 | 24,584.0 | 117,899.0   | 538,012.1 | 178,362.2 | 173,704.0 |
|  | 2013 | 1,041.0           | 3,012.2  | 609,088.0   | n.a.    | 510,815.0 | 24,921.0 | 124,097.0   | 560,887.7 | 170,435.5 | -         |
|  | 2014 | 845.0             | 3,423.9  | 653,270.0   | n.a.    | 541,744.0 | 27,276.0 | 135,099.0   | 581,268.0 | 183,112.6 | -         |
|  | 2015 | 1,931.0           | 3,763.3  | -           | n.a.    | 570,401.0 | 28,415.0 | 134,620.0   | 575,845.8 | 208,427.2 | 231,918.0 |
|  | 2016 | 1,846.0           | 4,040.2  | 982,350.0   | n.a.    | 569,120.0 | 32,550.0 | 149,393.0   | 593,296.7 | 211,894.5 | 255,473.0 |
|  | 2017 | 1,873.0           | 4,367.7  | 1,172,091.0 | n.a.    | 544,711.0 | 36,240.0 | 152,063.0   | 627,688.1 | 215,869.0 | 281,486.0 |
|  | 2018 | 1,350.0           | 5,328.0  | 405,468.6   | n.a.    | 570,701.0 | 34,745.0 | 169,966.0   | 630,125.3 | 231,884.2 | 316,940.0 |
|  | 2019 | 1,569.6           | 51,479.0 | 405,480.8   | n.a.    | -         | 34,301.0 | -           | 626,521.2 | 238,019.3 | -         |
| International Cargo Throughput ('000 TEU1) | 2010 | 91.6              | 223.0    | 465.0       | n.a.    | 18,173.8  | 303.4    | 2,857.0     | 28,431.1  | 7,498.9   | 5,363.0   |
|  | 2011 | 101.0             | 238.0    | 525.0       | n.a.    | 19,978.7  | 346.6    | 3,008.0     | 29,937.7  | 7,091.4   | 5,823.0   |
|  | 2012 | 116.0             | 255.0    | 602.0       | n.a.    | 20,556.7  | 408.0    | 3,147.0     | 31,649.4  | 7,055.9   | 6,519.0   |
|  | 2013 | 112.0             | 286.0    | 710.0       | n.a.    | 20,876.3  | 478.0    | 3,181.0     | 32,578.7  | 7,421.8   | -         |
|  | 2014 | 106.0             | 333.0    | 785.0       | n.a.    | 22,373.3  | 617.2    | 3,353.0     | 33,869.0  | 7,929.0   | -         |
|  | 2015 | 103.0             | 391.0    | -           | n.a.    | 23,876.3  | 745.2    | 3,482.0     | 30,922.0  | 8,271.3   | 9,123.0   |
|  | 2016 | 98.0              | 400.0    | -           | n.a.    | 24,847.8  | 1,026.0  | 3,883.0     | 30,904.0  | 8,506.8   | 10,320.0  |
|  | 2017 | 104.0             | 459.8    | 503.0       | n.a.    | 23,783.9  | 1,048.0  | 4,173.0     | 33,667.0  | 9,089.9   | 11,497.0  |
|  | 2018 | 113.0             | 541.0    | -           | n.a.    | 24,941.4  | 1,110.0  | 4,871.0     | 36,599.0  | 9,430.0   | 12,305.0  |
|  | 2019 | -                 | 621.0    | -           | n.a.    | -         | 1,128.0  | -           | 37,195.6  | 9,444.5   | -         |

Source:  
ASEAN Secretariat  
AMS' website

Note:

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

'-' not available at the time of publication

n.a. not applicable

**Table 8.6. ASEAN Domestic Civil Aviation, 2010-2019**

| Civil Aviation                           | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>No of Domestic Airports</b>           | 2010 | n.a.              | 5        | 204       | 9       | 15       | 30      | 76          | n.a.      | 28       | 14       |
|  | 2011 | n.a.              | 5        | 211       | 9       | 16       | 30      | 76          | n.a.      | 28       | 14       |
|  | 2012 | n.a.              | 5        | 216       | 9       | 22       | 30      | 75          | n.a.      | 28       | 12       |
|  | 2013 | n.a.              | 5        | 208       | 9       | 35       | 30      | 74          | n.a.      | 28       | 12       |
|  | 2014 | n.a.              | 5        | 208       | 9       | 35       | 30      | 74          | n.a.      | 28       | 13       |
|  | 2015 | n.a.              | 5        | 208       | 9       | 35       | 30      | 75          | n.a.      | 29       | 13       |
|  | 2016 | n.a.              | 5        | 238       | 9       | 35       | 31      | 75          | n.a.      | 29       | 13       |
|  | 2017 | n.a.              | 5        | 236       | 9       | 35       | 31      | 75          | n.a.      | 29       | 13       |
|  | 2018 | n.a.              | 5        | 234       | 9       | 35       | 31      | 75          | n.a.      | 29       | 13       |
|  | 2019 | n.a.              | 5        | 263       | 9       | 35       | 31      | 75          | n.a.      | 29       | -        |
| <b>Domestic Passenger Traffic ('000)</b> | 2010 | n.a.              | 136.0    | 51,775.0  | 283.0   | 30,791.0 | 862.1   | 33,524.5    | n.a.      | 27,258.2 | 10,348.5 |
|  | 2011 | n.a.              | 144.0    | 60,197.0  | 311.3   | 34,239.0 | 1,381.2 | 37,848.3    | n.a.      | 31,699.1 | 11,918.4 |
|  | 2012 | n.a.              | 172.0    | 71,421.5  | 463.0   | 35,634.0 | 1,602.1 | 43,188.3    | n.a.      | 36,330.8 | 12,159.0 |
|  | 2013 | n.a.              | 214.0    | 75,770.0  | 447.4   | 42,983.8 | 1,774.6 | 41,322.3    | n.a.      | 42,585.9 | 14,300.0 |
|  | 2014 | n.a.              | 299.0    | 76,498.0  | 512.2   | 45,103.8 | 1,965.5 | 41,777.4    | n.a.      | 50,256.1 | 17,162.0 |
|  | 2015 | n.a.              | 436.0    | 76,628.0  | 494.9   | 45,931.0 | 2,097.3 | 44,183.6    | n.a.      | 62,623.7 | 21,260.1 |
|  | 2016 | n.a.              | 423.0    | 89,385.0  | 506.0   | 47,965.8 | 2,352.5 | 48,099.8    | n.a.      | 70,662.9 | 27,883.1 |
|  | 2017 | n.a.              | 572.0    | 96,890.0  | 810.0   | 49,739.6 | 2,892.6 | 51,527.7    | n.a.      | 75,881.0 | 31,112.5 |
|  | 2018 | n.a.              | 636.0    | 101,961.0 | 1,010.0 | 50,186.2 | 2,823.0 | 41,701.3    | n.a.      | 79,194.4 | 32,936.8 |
|  | 2019 | n.a.              | 699.0    | 79,466.0  | -       | -        | 2,981.0 | -           | n.a.      | 72,238.8 | -        |

**Table 8.6. ASEAN Domestic Civil Aviation, 2010-2019 (Continued)**

| Civil Aviation                           | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| <b>Domestic Cargo Traffic ('000 ton)</b> | 2010 | n.a.              | -        | 415.6     | 0.7     | 174.0    | 0.8     | 364.3       | n.a.      | 121.5    | 123.5    |
|  | 2011 | n.a.              | 0.0      | 484.0     | 0.4     | 178.0    | 0.9     | 756.4       | n.a.      | 132.7    | 130.3    |
|  | 2012 | n.a.              | 0.0      | 572.0     | 0.5     | 167.3    | 1.3     | 417.0       | n.a.      | 130.5    | 118.0    |
|  | 2013 | n.a.              | 6.0      | 539.0     | 1.6     | 168.4    | 2.4     | 821.4       | n.a.      | 119.8    | 129.5    |
|  | 2014 | n.a.              | 183.0    | 584.0     | 1.5     | 181.5    | 4.0     | 406.6       | n.a.      | 113.5    | 151.4    |
|  | 2015 | n.a.              | 252.0    | 564.0     | 1.1     | 193.0    | 1.7     | 1,142.5     | n.a.      | 114.7    | 170.9    |
|  | 2016 | n.a.              | 153.0    | 604.0     | 0.7     | 188.9    | 1.4     | 571.4       | n.a.      | 120.4    | 184.9    |
|  | 2017 | n.a.              | 76.0     | 587.0     | 1.1     | 189.3    | 1.9     | 530.2       | n.a.      | 112.5    | 166.6    |
|  | 2018 | n.a.              | 0.4      | 651.0     | 1.4     | 197.4    | 1.4     | 632.0       | n.a.      | 97.5     | 256.2    |
|  | 2019 | n.a.              | -        | 577.0     | -       | -        | 1.8     | -           | n.a.      | 73.8     | -        |
| <b>No. of Aircraft Traffic ('000)</b>    | 2010 | n.a.              | 5.5      | 417.7     | -       | 383.5    | 23.9    | 462.1       | n.a.      | 245.0    | 82.3     |
|  | 2011 | n.a.              | 6.0      | 504.5     | -       | 416.9    | 38.1    | 598.4       | n.a.      | 289.0    | 102.5    |
|  | 2012 | n.a.              | 6.3      | 614.7     | 196.3   | 417.3    | 45.9    | 688.9       | n.a.      | 318.4    | 105.3    |
|  | 2013 | n.a.              | 8.7      | 638.0     | 215.8   | 501.7    | 50.0    | 595.7       | n.a.      | 368.5    | -        |
|  | 2014 | n.a.              | 9.9      | 636.4     | 240.4   | 543.7    | 56.3    | 618.2       | n.a.      | 433.4    | -        |
|  | 2015 | n.a.              | 12.7     | 659.1     | 252.4   | 558.2    | 63.0    | 651.3       | n.a.      | 505.5    | -        |
|  | 2016 | n.a.              | 12.0     | 764.0     | 270.0   | 551.5    | 61.6    | 744.2       | n.a.      | 546.5    | -        |
|  | 2017 | n.a.              | 16.8     | 829.6     | 399.2   | 557.5    | 62.0    | 831.1       | n.a.      | 569.8    | -        |
|  | 2018 | n.a.              | 16.9     | 875.0     | 347.6   | 558.7    | 53.6    | 520.7       | n.a.      | 586.0    | -        |
|  | 2019 | n.a.              | 13.9     | 729.4     | -       | -        | 53.2    | -           | n.a.      | 524.6    | -        |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.7. ASEAN International Civil Aviation, 2010-2019**

| Indicator                              | Year    | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|---------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| No of International Airports           | 2010    | 1                 | 3        | 29        | 4       | 6        | 2       | 9           | 2         | 7        | 6        |
|  | 2011    | 1                 | 3        | 29        | 4       | 6        | 2       | 9           | 2         | 7        | 6        |
|  | 2012    | 1                 | 3        | 29        | 4       | 6        | 2       | 10          | 2         | 7        | 9        |
|  | 2013    | 1                 | 3        | 29        | 4       | 6        | 3       | 11          | 2         | 7        | 9        |
|  | 2014    | 1                 | 3        | 29        | 4       | 6        | 3       | 11          | 2         | 7        | 9        |
|  | 2015    | 1                 | 3        | 29        | 4       | 6        | 3       | 11          | 2         | 7        | 8        |
|  | 2016    | 1                 | 3        | 29        | 4       | 6        | 3       | 11          | 2         | 7        | 8        |
|  | 2017    | 1                 | 3        | 29        | 4       | 6        | 3       | 11          | 2         | 7        | 8        |
|  | 2018    | 1                 | 3        | 30        | 4       | 6        | 3       | 11          | 2         | 7        | 9        |
| 2019                                   | 1       | 3                 | 34       | 4         | 6       | 3        | 11      | 2           | 7         | -        |          |
| International Passenger Traffic ('000) | 2010    | 1,699.0           | 3,052.0  | 6,614.0   | 472.0   | 27,574.0 | 1,212.3 | 14,451.7    | 40,924.0  | 35,470.3 | 10,725.5 |
|  | 2011    | 2,017.0           | 3,481.0  | 8,152.0   | 372.1   | 30,462.0 | 1,455.6 | 15,716.5    | 45,429.0  | 41,769.7 | 11,897.1 |
|  | 2012    | 1,681.0           | 3,997.0  | 9,938.3   | 642.0   | 32,396.9 | 2,034.7 | 17,432.7    | 49,910.0  | 46,920.5 | 13,208.0 |
|  | 2013    | 1,715.0           | 4,606.0  | 10,964.0  | 728.7   | 38,032.4 | 2,651.8 | 18,582.3    | 52,775.0  | 54,448.9 | 14,867.6 |
|  | 2014    | 1,647.0           | 5,169.0  | 10,252.0  | 921.2   | 39,984.2 | 3,187.2 | 19,402.8    | 53,288.0  | 49,531.4 | 15,332.0 |
|  | 2015    | 1,717.0           | 5,606.0  | 24,897.0  | 1,073.0 | 40,017.0 | 3,428.1 | 21,279.7    | 54,835.6  | 60,593.7 | 17,696.1 |
|  | 2016    | 1,726.0           | 6,201.0  | 27,396.0  | 944.0   | 43,490.7 | 4,027.0 | 23,796.9    | 58,158.0  | 67,247.4 | 20,682.0 |
|  | 2017    | 1,774.0           | 7,666.0  | 31,953.0  | 1,620.0 | 49,783.3 | 4,377.7 | 26,812.5    | 61,574.0  | 75,207.9 | 25,330.2 |
|  | 2018    | 1,774.0           | 9,376.0  | 36,326.0  | 2,306.0 | 52,246.8 | 4,465.8 | 28,914.7    | 64,889.0  | 83,157.9 | 34,534.1 |
| 2019                                   | 1,845.7 | 10,326.0          | 37,278.0 | -         | -       | 5,538.7  | -       | 67,601.0    | 81,427.6  | -        |          |
| Cargo Loaded ('000 ton)                | 2010    | 1.0               | 8.5      | 79.5      | 0.4     | 393.0    | 9.3     | 172.4       | 872.4     | 748.9    | 186.1    |
|  | 2011    | 1.0               | 9.7      | 72.2      | 0.9     | 375.0    | 9.6     | 158.3       | 882.1     | 740.8    | 243.7    |
|  | 2012    | 3.0               | 12.3     | 90.7      | 1.0     | 361.0    | 7.2     | 169.6       | 853.0     | 719.5    | 264.4    |
|  | 2013    | 1.0               | 16.7     | 192.0     | 0.1     | 355.5    | 8.3     | 158.1       | 842.0     | 664.1    | 469.9    |
|  | 2014    | 1.0               | 17.0     | 206.0     | 0.6     | 392.0    | 9.5     | 210.8       | 839.0     | 701.4    | 313.4    |
|  | 2015    | 1.0               | 18.0     | 195.0     | 0.2     | 374.0    | 8.4     | 185.7       | 837.8     | 710.0    | 321.7    |
|  | 2016    | 1.0               | 24.2     | 204.0     | 2.4     | 331.4    | 13.2    | 178.2       | 885.0     | 744.0    | 337.7    |
|  | 2017    | 1.0               | 37.0     | 224.0     | 1.4     | 367.1    | 25.2    | 223.4       | 969.0     | 819.2    | 421.9    |
|  | 2018    | 1.0               | 30.4     | 249.0     | 2.6     | 361.1    | 25.0    | 234.2       | 990.0     | 858.0    | 485.6    |
| 2019                                   | -       | 43.0              | 257.0    | -         | -       | 25.7     | -       | 930.4       | 765.1     | -        |          |

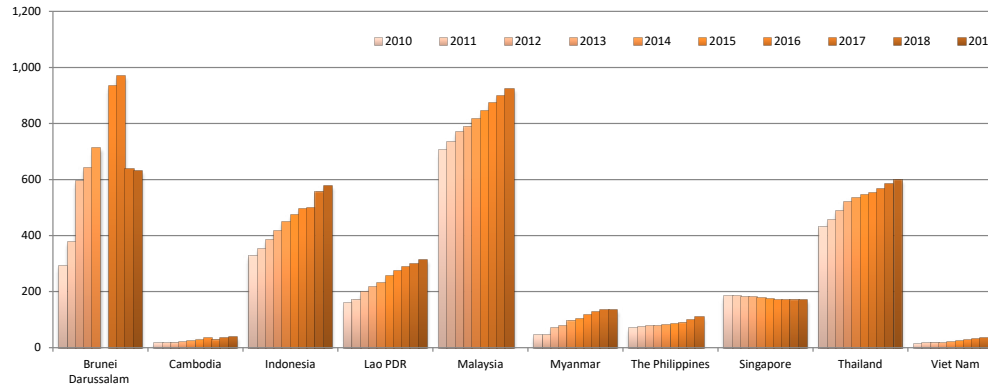
**Table 8.7. ASEAN International Civil Aviation, 2010-2019 (Continued)**

| Indicator                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Cargo Unloaded ('000 ton) | 2010 | 5.0               | 9.1      | 158.0     | -       | 352.0    | 6.4     | 462.1       | 941.0     | 516.5    | 153.3    |
|                           | 2011 | 8.0               | 1.0      | 162.2     | 0.6     | 348.0    | 6.3     | 598.4       | 983.0     | 580.3    | 163.0    |
|                           | 2012 | 7.0               | 15.4     | 193.6     | 1.0     | 352.0    | 8.0     | 688.9       | 976.0     | 587.6    | 191.8    |
|                           | 2013 | 8.0               | 14.8     | 208.0     | 0.0     | 373.3    | 10.7    | 595.7       | 996.0     | 549.7    | -        |
|                           | 2014 | 6.0               | 15.7     | 187.0     | 0.7     | 413.9    | 15.0    | 618.2       | 1,005.0   | 523.8    | -        |
|                           | 2015 | 8.0               | 19.0     | 195.0     | 0.4     | 393.0    | 17.9    | 651.3       | 1,015.3   | 524.5    | -        |
|                           | 2016 | 7.0               | 22.1     | 188.0     | 1.4     | 353.1    | 21.4    | 744.2       | 1,084.0   | 585.1    | -        |
|                           | 2017 | 7.0               | 27.2     | 224.0     | 0.4     | 391.8    | 29.7    | 831.1       | 1,156.0   | 658.4    | -        |
|                           | 2018 | 7.0               | 42.8     | 207.0     | 2.3     | 407.3    | 29.6    | 520.7       | 1,165.0   | 687.2    | -        |
| 2019                      | 8.6  | 33.0              | 218.0    | -         | -       | 30.1     | -       | 1,083.7     | 604.1     | -        |          |
| Aircraft Traffic ('000)   | 2010 | 29.4              | 34.1     | 50.8      | -       | 206.5    | 11.2    | 49.7        | 265.6     | 233.4    | 75.3     |
|                           | 2011 | 27.8              | 37.4     | 61.8      | -       | 227.9    | 14.2    | 90.3        | 301.7     | 274.1    | 85.4     |
|                           | 2012 | 22.7              | 40.4     | 69.9      | -       | 241.6    | 18.4    | 100.7       | 324.7     | 293.3    | 93.3     |
|                           | 2013 | 25.5              | 47.4     | 83.0      | -       | 274.2    | 25.3    | 112.5       | 343.8     | 343.1    | -        |
|                           | 2014 | 24.7              | 51.0     | 163.0     | -       | 290.8    | 30.0    | 116.7       | 341.4     | 331.0    | -        |
|                           | 2015 | 25.6              | 52.9     | 174.2     | -       | 299.0    | 30.8    | 129.3       | 346.3     | 384.6    | -        |
|                           | 2016 | 24.2              | 57.0     | 174.6     | -       | 302.6    | 36.9    | 134.5       | 360.5     | 422.3    | -        |
|                           | 2017 | 20.4              | 67.9     | 199.5     | -       | 337.1    | 41.7    | 148.2       | 373.2     | 446.0    | -        |
|                           | 2018 | 20.4              | 82.3     | 229.3     | -       | 357.3    | 40.6    | 155.3       | 386.0     | 500.5    | -        |
| 2019                      | 17.9 | 90.9              | 226.8    | -         | -       | 47.0     | -       | 382.3       | 508.4     | -        |          |

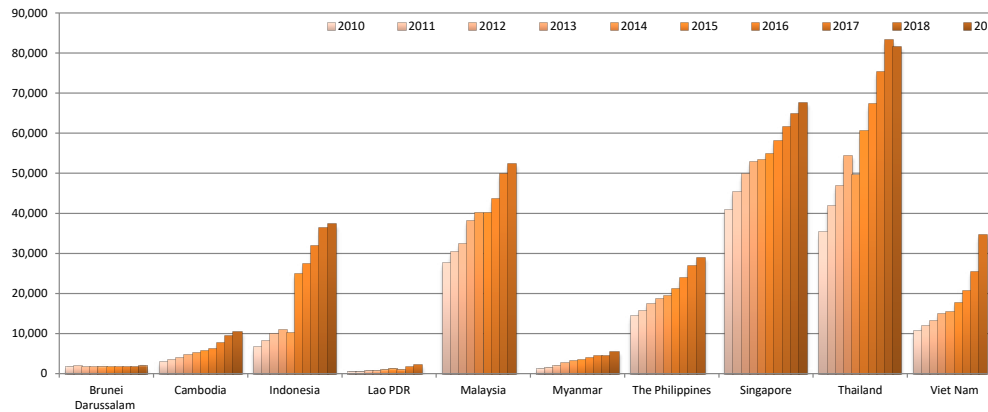
Source:  
ASEAN Secretariat  
AMS' website

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

**Chart 8.1. Total Number of Vehicles in ASEAN per 1000 Population, 2010-2019**

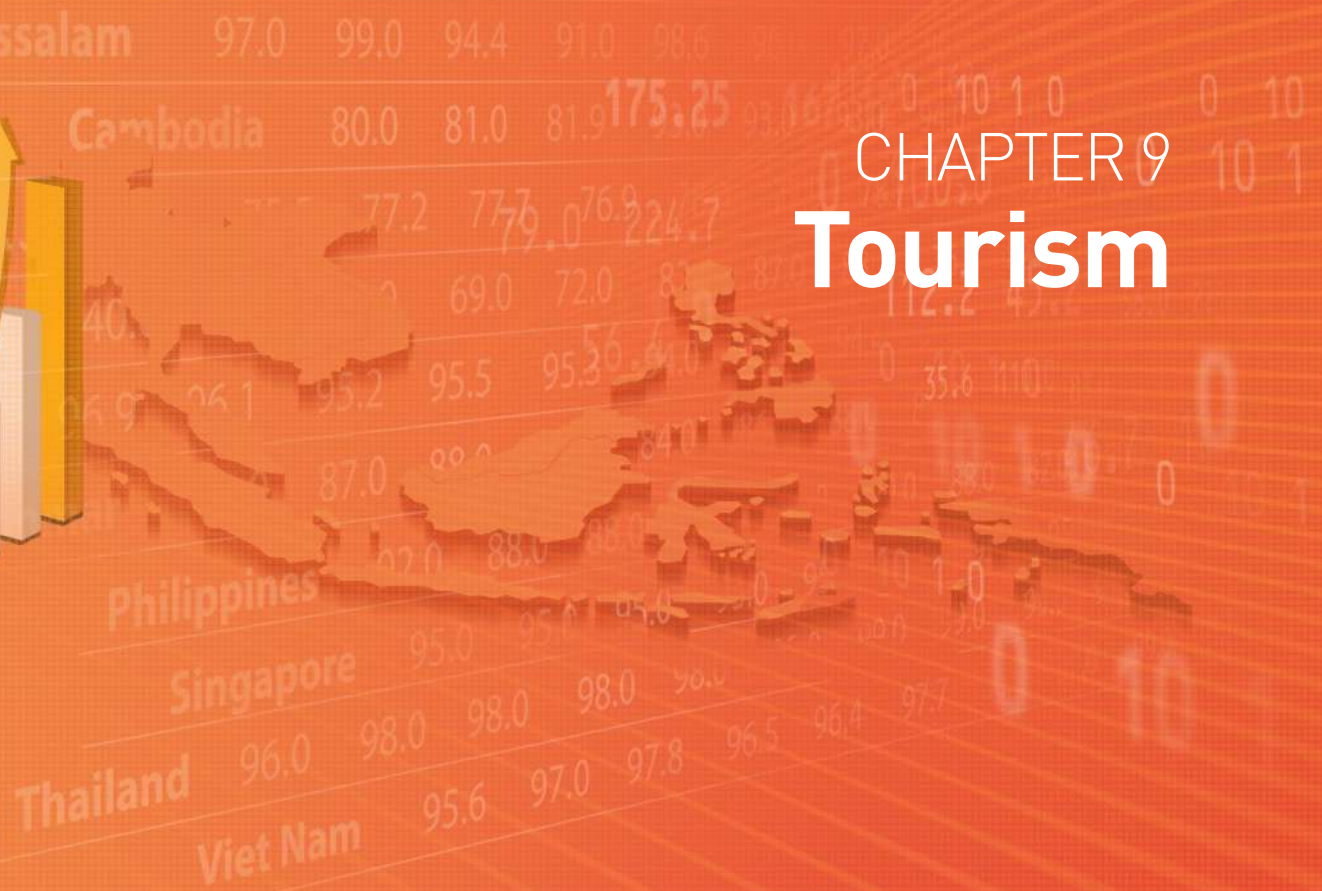


**Chart 8.2. International Air Passenger Traffic in ASEAN, 2010-2019**



Source: ASEAN Secretariat

# CHAPTER 9 Tourism







**Table 9.1. Visitor Arrivals by Country of Destination, 2010-2019**

(in thousands)

| Country of Destination          | 2010            | 2011            | 2012            | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|---------------------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam <sup>1)</sup> | 214.3           | 242.1           | 209.1           | 3,279.2          | 3,885.5          | 218.2            | 218.8            | 259.0            | 278.1            | 333.2            |
| Cambodia                        | 2,508.3         | 2,881.9         | 3,584.3         | 4,210.2          | 4,502.8          | 4,775.2          | 5,011.7          | 5,602.2          | 6,201.1          | 6,610.6          |
| Indonesia                       | 7,002.9         | 7,649.7         | 8,044.5         | 8,802.1          | 9,435.4          | 10,406.8         | 11,519.3         | 14,039.8         | 15,810.3         | 16,107.0         |
| Lao PDR                         | 2,513.0         | 2,723.6         | 3,330.1         | 3,779.5          | 4,158.7          | 4,684.4          | 4,239.0          | 3,868.8          | 4,186.4          | 4,791.1          |
| Malaysia                        | 24,577.2        | 24,714.3        | 25,032.7        | 25,715.5         | 27,437.3         | 25,721.3         | 26,757.4         | 25,948.5         | 25,832.4         | 26,100.8         |
| Myanmar                         | 791.5           | 816.4           | 1,059.0         | 2,044.3          | 3,081.4          | 4,681.0          | 2,907.2          | 3,443.1          | 3,549.4          | 4,364.1          |
| Philippines                     | 3,520.5         | 3,917.5         | 4,272.8         | 4,681.3          | 4,833.4          | 5,360.7          | 5,967.0          | 6,620.9          | 7,127.7          | 8,260.9          |
| Singapore                       | 11,638.7        | 13,171.3        | 14,491.2        | 15,567.9         | 15,095.2         | 15,231.5         | 16,403.6         | 17,424.6         | 18,508.3         | 19,113.8         |
| Thailand                        | 15,936.4        | 19,098.3        | 22,353.9        | 26,546.7         | 24,779.8         | 29,881.1         | 32,529.6         | 35,592.0         | 38,178.2         | 39,797.4         |
| Viet Nam                        | 5,049.9         | 6,014.0         | 6,847.7         | 7,572.4          | 7,874.3          | 7,943.7          | 10,012.7         | 12,922.2         | 15,497.8         | 18,008.6         |
| <b>ASEAN</b>                    | <b>73,752.6</b> | <b>81,229.0</b> | <b>89,225.2</b> | <b>102,199.1</b> | <b>105,083.8</b> | <b>108,903.8</b> | <b>115,566.4</b> | <b>125,721.0</b> | <b>135,169.7</b> | <b>143,487.5</b> |

Source:  
ASEAN Secretariat

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

**Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2010-2019**

(in thousands)

| Country of Destination          | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam <sup>1)</sup> | 109.9           | 124.2           | 115.9           | 3,053.5         | 3,662.2         | 118.7           | 117.5           | 131.4           | 134.6           | 168.7           |
| Cambodia                        | 853.2           | 1,101.1         | 1,514.3         | 1,831.5         | 1,991.9         | 2,097.8         | 2,121.2         | 2,161.3         | 2,067.5         | 2,228.2         |
| Indonesia                       | 2,338.5         | 3,258.5         | 2,607.7         | 3,516.1         | 3,683.8         | 3,860.7         | 3,817.5         | 4,524.6         | 5,453.3         | 6,157.2         |
| Lao PDR                         | 1,990.9         | 2,191.2         | 2,712.5         | 3,041.2         | 3,224.1         | 3,588.5         | 3,083.4         | 2,747.1         | 2,886.8         | 3,198.8         |
| Malaysia                        | 18,937.2        | 18,885.3        | 18,809.7        | 19,105.9        | 20,372.8        | 19,146.5        | 20,271.1        | 19,478.6        | 18,114.4        | 17,880.2        |
| Myanmar                         | 512.3           | 100.4           | 151.1           | 218.7           | 1,598.3         | 1,762.9         | 402.9           | 1,730.4         | 1,918.3         | 2,123.3         |
| Philippines                     | 298.2           | 331.7           | 375.2           | 422.1           | 461.5           | 481.6           | 461.7           | 488.3           | 530.3           | 526.8           |
| Singapore                       | 4,779.6         | 5,372.2         | 5,732.7         | 6,114.7         | 6,113.0         | 5,748.2         | 5,936.4         | 6,225.1         | 6,521.0         | 6,623.9         |
| Thailand                        | 4,534.2         | 5,529.9         | 6,462.6         | 7,410.4         | 6,620.2         | 7,886.1         | 8,897.3         | 9,322.5         | 10,191.4        | 10,626.5        |
| Viet Nam                        | 688.7           | 838.4           | 1,363.8         | 1,440.3         | 1,495.1         | 1,300.8         | 1,461.2         | 1,683.5         | 1,781.3         | 2,037.3         |
| <b>Total</b>                    | <b>35,042.8</b> | <b>37,732.9</b> | <b>39,845.5</b> | <b>46,154.4</b> | <b>49,223.0</b> | <b>45,991.8</b> | <b>46,570.2</b> | <b>48,492.8</b> | <b>49,599.0</b> | <b>51,570.9</b> |

Source:  
ASEAN Secretariat

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

**Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2010-2019**

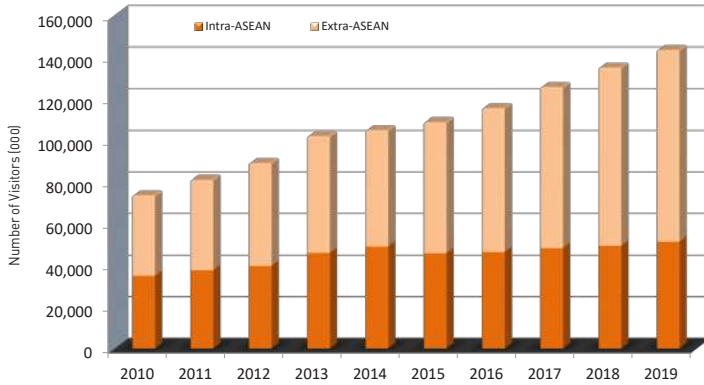
(in thousands)

| Country of Destination          | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam <sup>1)</sup> | 104.4           | 117.9           | 93.2            | 225.6           | 223.4           | 99.5            | 101.3           | 127.6           | 143.5           | 164.5           |
| Cambodia                        | 1,655.1         | 1,780.8         | 2,070.0         | 2,378.7         | 2,510.9         | 2,677.5         | 2,890.5         | 3,440.9         | 4,133.6         | 4,382.4         |
| Indonesia                       | 4,664.4         | 4,391.2         | 5,436.8         | 5,286.1         | 5,751.6         | 6,546.1         | 7,701.8         | 9,515.2         | 10,357.0        | 9,949.8         |
| Lao PDR                         | 522.1           | 532.3           | 617.6           | 738.3           | 934.6           | 1,095.9         | 1,155.7         | 1,121.7         | 1,299.6         | 1,592.2         |
| Malaysia                        | 5,640.0         | 5,829.0         | 6,223.0         | 6,609.6         | 7,064.5         | 6,574.7         | 6,486.2         | 6,469.9         | 7,717.9         | 8,220.6         |
| Myanmar                         | 279.2           | 716.0           | 907.9           | 1,825.6         | 1,483.2         | 2,918.1         | 2,504.3         | 1,712.7         | 1,631.2         | 2,240.8         |
| Philippines                     | 3,222.3         | 3,585.8         | 3,897.6         | 4,259.2         | 4,371.9         | 4,879.1         | 5,505.3         | 6,132.6         | 6,597.4         | 7,734.1         |
| Singapore                       | 6,859.0         | 7,799.1         | 8,758.5         | 9,453.2         | 8,982.1         | 9,483.3         | 10,467.2        | 11,199.5        | 11,987.3        | 12,489.9        |
| Thailand                        | 11,402.2        | 13,568.4        | 15,891.3        | 19,136.3        | 18,159.5        | 21,995.0        | 23,632.3        | 26,269.5        | 27,986.8        | 29,170.9        |
| Viet Nam                        | 4,361.1         | 5,175.6         | 5,483.9         | 6,132.1         | 6,379.2         | 6,642.8         | 8,551.6         | 11,238.6        | 13,716.5        | 15,971.3        |
| <b>Total</b>                    | <b>38,709.8</b> | <b>43,496.1</b> | <b>49,379.8</b> | <b>56,044.6</b> | <b>55,860.8</b> | <b>62,912.0</b> | <b>68,996.2</b> | <b>77,228.1</b> | <b>85,570.7</b> | <b>91,916.6</b> |

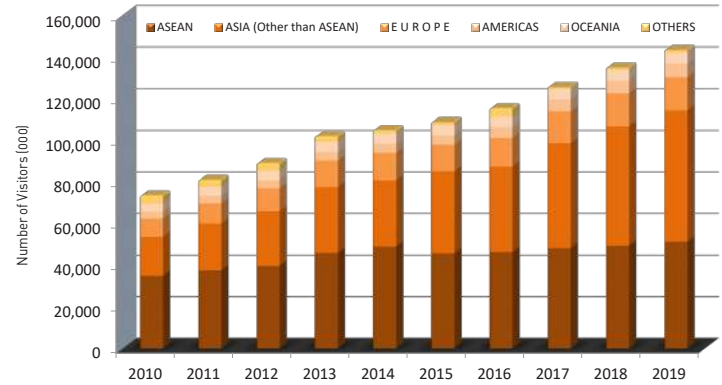
Source:  
ASEAN Secretariat

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

**Chart 9.1. Intra and Extra-ASEAN Visitor Arrivals, 2010-2019**



**Chart 9.2. Visitor Arrivals to ASEAN by Origin, 2010-2019**



Source: ASEAN Secretariat

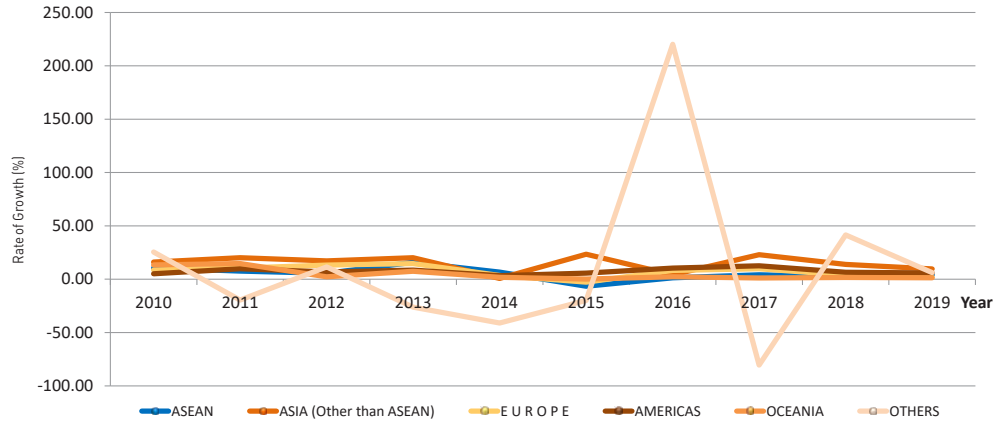
**Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2010-2019**

(in thousands)

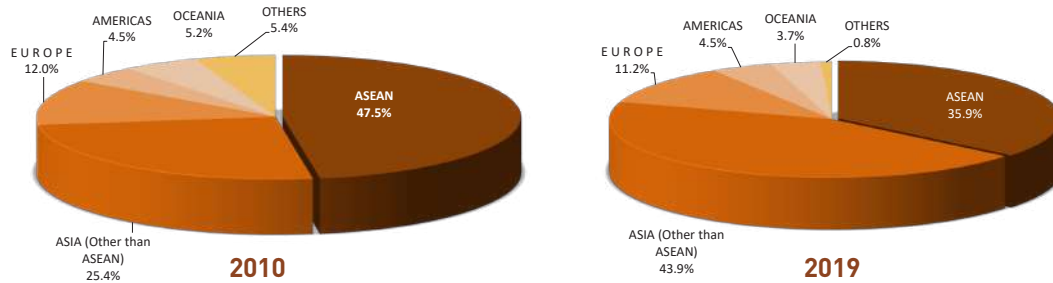
| Country of Origin | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 1,453.0         | 1,363.3         | 1,350.5         | 1,367.9         | 1,338.0         | 1,250.5         | 1,512.4         | 1,786.7         | 1,508.3         | 1,333.7         |
| Cambodia          | 204.7           | 735.9           | 830.7           | 910.3           | 1,104.6         | 874.7           | 979.0           | 1,215.3         | 1,378.8         | 1,289.0         |
| Indonesia         | 5,163.3         | 5,170.2         | 5,811.9         | 6,618.1         | 6,779.2         | 6,446.6         | 6,690.7         | 6,800.0         | 7,912.9         | 8,406.6         |
| Lao PDR           | 838.3           | 1,046.8         | 1,425.4         | 1,559.9         | 1,569.3         | 1,791.4         | 1,953.7         | 2,384.8         | 2,253.9         | 2,343.4         |
| Malaysia          | 4,597.2         | 5,444.1         | 5,550.1         | 9,012.1         | 9,246.2         | 6,827.8         | 7,021.2         | 7,714.3         | 8,797.5         | 9,472.8         |
| Myanmar           | 249.9           | 297.5           | 317.5           | 377.5           | 433.4           | 491.6           | 595.9           | 669.4           | 670.4           | 686.8           |
| Philippines       | 1,468.0         | 1,635.5         | 1,789.3         | 2,172.4         | 2,273.3         | 2,051.0         | 2,001.1         | 2,080.8         | 2,118.3         | 2,356.3         |
| Singapore         | 14,974.8        | 15,772.5        | 15,730.7        | 16,390.6        | 17,074.5        | 16,047.1        | 16,528.8        | 15,639.4        | 14,079.3        | 13,795.7        |
| Thailand          | 4,307.1         | 4,039.4         | 4,333.9         | 4,552.4         | 6,013.4         | 6,520.8         | 5,424.3         | 6,580.0         | 7,031.0         | 7,677.7         |
| Viet Nam          | 1,786.4         | 2,227.7         | 2,705.4         | 3,193.2         | 3,391.0         | 3,690.2         | 3,655.3         | 3,622.2         | 3,848.6         | 4,094.4         |
| Unspecified       | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 207.7           | 0.0             | 0.0             | 114.5           |
| <b>Total</b>      | <b>35,042.8</b> | <b>37,732.9</b> | <b>39,845.5</b> | <b>46,154.4</b> | <b>49,223.0</b> | <b>45,991.8</b> | <b>46,570.2</b> | <b>48,492.8</b> | <b>49,599.0</b> | <b>51,570.9</b> |

Source:  
ASEAN Secretariat

**Chart 9.3. Growth of Visitor Arrivals to ASEAN by Origin , 2010-2019**



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



Source: ASEAN Secretariat

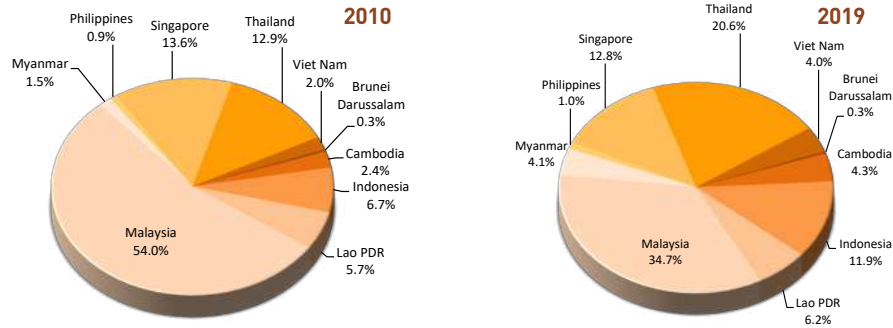
**Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2010-2019**

(in thousands)

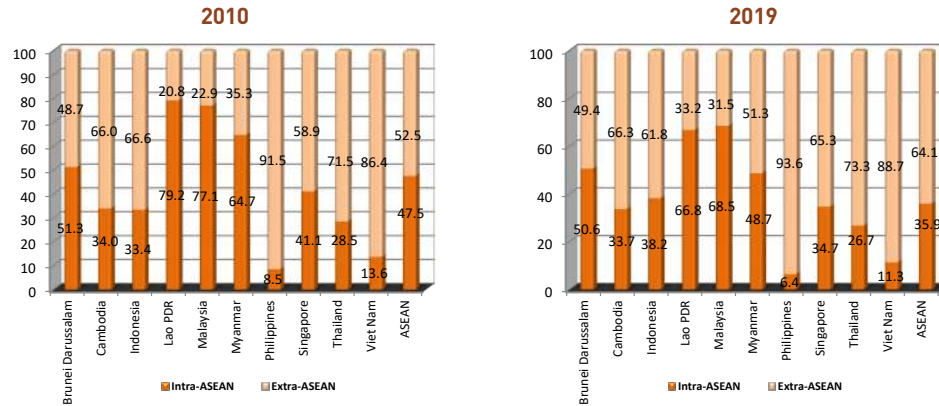
| Country of Origin              | 2010            | 2011            | 2012            | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|--------------------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Intra-ASEAN</b>             | <b>35,042.8</b> | <b>37,732.9</b> | <b>39,845.5</b> | <b>46,154.4</b>  | <b>49,223.0</b>  | <b>45,991.8</b>  | <b>46,570.2</b>  | <b>48,492.8</b>  | <b>49,599.0</b>  | <b>51,570.9</b>  |
| <b>Extra-ASEAN</b>             | <b>38,709.8</b> | <b>43,496.1</b> | <b>49,379.8</b> | <b>56,044.6</b>  | <b>55,860.8</b>  | <b>62,912.0</b>  | <b>68,996.2</b>  | <b>77,228.1</b>  | <b>85,570.7</b>  | <b>91,916.6</b>  |
| <b>ASIA (Other than ASEAN)</b> | <b>18,698.9</b> | <b>22,467.1</b> | <b>26,333.2</b> | <b>31,648.4</b>  | <b>31,877.9</b>  | <b>39,344.5</b>  | <b>41,002.8</b>  | <b>50,416.7</b>  | <b>57,388.1</b>  | <b>62,964.0</b>  |
| China                          | 5,415.9         | 7,315.6         | 9,283.2         | 12,651.2         | 13,059.5         | 18,596.3         | 20,339.3         | 25,285.2         | 29,116.9         | 32,280.1         |
| Hongkong                       | 905.7           | 1,091.5         | 1,299.0         | 1,501.7          | 1,376.9          | 1,514.7          | 1,498.7          | 1,560.0          | 1,782.3          | 1,761.5          |
| India                          | 2,478.0         | 2,711.3         | 2,839.6         | 2,945.7          | 3,071.0          | 3,307.9          | 2,787.1          | 4,153.2          | 4,672.1          | 5,319.7          |
| Japan                          | 3,350.9         | 3,664.4         | 4,275.3         | 4,724.3          | 4,634.2          | 4,703.0          | 4,781.8          | 5,027.8          | 5,228.6          | 5,655.5          |
| Korea, Republic of             | 3,286.1         | 3,862.0         | 4,011.4         | 4,873.5          | 5,018.4          | 5,838.5          | 6,464.7          | 7,861.6          | 9,031.4          | 10,460.8         |
| Taiwan, Province of China      | 1,549.8         | 1,808.1         | 1,846.0         | 2,060.7          | 1,920.4          | 2,099.0          | 2,354.5          | 2,582.4          | 2,833.0          | 3,244.7          |
| Other Asia                     | 1,712.6         | 2,014.2         | 2,778.7         | 2,891.3          | 2,797.6          | 3,285.1          | 2,776.8          | 3,946.5          | 4,723.7          | 4,241.7          |
| <b>EUROPE</b>                  | <b>8,867.5</b>  | <b>9,788.5</b>  | <b>11,088.4</b> | <b>12,712.7</b>  | <b>13,162.4</b>  | <b>12,801.6</b>  | <b>13,865.0</b>  | <b>15,224.4</b>  | <b>15,811.2</b>  | <b>16,089.2</b>  |
| France                         | 1,260.8         | 1,350.4         | 1,462.1         | 1,691.9          | 1,660.5          | 1,709.8          | 1,814.2          | 1,904.4          | 1,990.4          | 2,012.3          |
| Germany                        | 1,242.7         | 1,254.7         | 1,490.5         | 1,461.4          | 1,694.2          | 1,783.9          | 1,974.3          | 2,039.3          | 2,105.0          | 2,127.6          |
| Italy                          | 317.3           | 378.8           | 384.3           | 468.8            | 520.0            | 555.3            | 587.2            | 634.8            | 686.5            | 698.7            |
| Netherlands                    | 598.0           | 582.2           | 618.7           | 648.6            | 686.0            | 693.2            | 733.1            | 754.5            | 787.9            | 809.0            |
| United Kingdom                 | 2,151.4         | 2,156.9         | 2,313.8         | 2,487.4          | 2,639.5          | 2,733.9          | 2,891.2          | 2,975.6          | 3,065.9          | 3,113.7          |
| Other Europe                   | 3,297.4         | 4,065.4         | 4,819.0         | 5,954.5          | 5,962.2          | 5,325.6          | 5,864.9          | 6,915.8          | 7,175.4          | 7,327.9          |
| <b>AMERICAS</b>                | <b>3,303.5</b>  | <b>3,626.1</b>  | <b>3,871.9</b>  | <b>4,199.9</b>   | <b>4,339.1</b>   | <b>4,587.9</b>   | <b>5,067.5</b>   | <b>5,705.3</b>   | <b>6,080.6</b>   | <b>6,435.6</b>   |
| Canada                         | 498.5           | 594.2           | 709.0           | 768.7            | 800.4            | 833.9            | 875.6            | 964.7            | 1,049.8          | 1,088.3          |
| USA                            | 2,680.5         | 2,838.0         | 2,984.2         | 3,178.3          | 3,254.3          | 3,382.3          | 3,787.9          | 4,109.3          | 4,497.6          | 4,816.7          |
| Other Americas                 | 124.5           | 194.0           | 178.8           | 252.9            | 284.4            | 371.7            | 403.9            | 631.2            | 533.3            | 530.6            |
| <b>OCEANIA</b>                 | <b>3,823.8</b>  | <b>4,385.5</b>  | <b>4,486.8</b>  | <b>4,822.9</b>   | <b>4,911.8</b>   | <b>4,920.0</b>   | <b>5,032.2</b>   | <b>5,094.2</b>   | <b>5,176.5</b>   | <b>5,244.2</b>   |
| Australia                      | 3,464.9         | 3,926.3         | 4,059.6         | 4,303.0          | 4,383.6          | 4,190.6          | 4,314.0          | 4,343.2          | 4,412.9          | 4,520.8          |
| New Zealand                    | 292.0           | 390.3           | 358.0           | 438.8            | 458.0            | 475.2            | 481.3            | 529.5            | 550.3            | 582.4            |
| Other Oceania                  | 66.9            | 68.9            | 69.3            | 81.1             | 70.2             | 254.1            | 236.9            | 221.5            | 213.4            | 140.9            |
| <b>OTHERS</b>                  | <b>4,016.1</b>  | <b>3,228.8</b>  | <b>3,599.4</b>  | <b>2,660.6</b>   | <b>1,569.6</b>   | <b>1,258.1</b>   | <b>4,028.6</b>   | <b>787.6</b>     | <b>1,114.3</b>   | <b>1,183.6</b>   |
| <b>Total</b>                   | <b>73,752.6</b> | <b>81,229.0</b> | <b>89,225.2</b> | <b>102,199.1</b> | <b>105,083.8</b> | <b>108,903.8</b> | <b>115,566.4</b> | <b>125,721.0</b> | <b>135,169.7</b> | <b>143,487.5</b> |

Source:  
ASEAN Secretariat

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



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



Source: ASEAN Secretariat

**Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010         | 2011         | 2012         | 2013           | 2014           | 2015         | 2016         | 2017         | 2018         | 2019         |
|--------------------------------|--------------|--------------|--------------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|
| <b>Intra-ASEAN</b>             | <b>109.9</b> | <b>124.2</b> | <b>115.9</b> | <b>3,053.5</b> | <b>3,662.2</b> | <b>118.7</b> | <b>117.5</b> | <b>131.4</b> | <b>134.6</b> | <b>168.7</b> |
| <b>Extra-ASEAN</b>             | <b>104.4</b> | <b>117.9</b> | <b>93.2</b>  | <b>225.6</b>   | <b>223.4</b>   | <b>99.5</b>  | <b>101.3</b> | <b>127.6</b> | <b>143.5</b> | <b>164.5</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>41.9</b>  | <b>50.5</b>  | <b>48.8</b>  | <b>102.7</b>   | <b>105.2</b>   | <b>58.3</b>  | <b>65.1</b>  | <b>86.5</b>  | <b>99.8</b>  | <b>116.4</b> |
| China                          | 24.6         | 32.9         | 27.5         | 39.9           | 38.8           | 36.9         | 40.8         | 52.4         | 65.6         | 74.5         |
| Hongkong                       | 1.2          | 1.3          | 1.6          | 2.3            | 2.6            | 1.6          | 1.9          | 2.2          | 2.7          | 0.0          |
| India                          | 4.9          | 4.6          | 5.1          | 30.3           | 31.0           | 6.4          | 7.2          | 8.7          | 8.6          | 8.9          |
| Japan                          | 3.6          | 4.1          | 4.3          | 9.0            | 9.8            | 4.3          | 4.5          | 5.2          | 5.4          | 10.7         |
| Korea, Republic of             | 1.7          | 1.7          | 4.3          | 4.8            | 5.7            | 2.9          | 3.6          | 8.7          | 9.1          | 15.8         |
| Taiwan, Province of China      | 1.9          | 1.4          | 2.5          | 4.4            | 3.9            | 1.7          | 1.6          | 1.7          | 0.0          | 0.0          |
| Other Asia                     | 3.9          | 4.5          | 3.5          | 11.9           | 13.4           | 4.4          | 5.5          | 7.6          | 8.5          | 6.6          |
| <b>EUROPE</b>                  | <b>26.2</b>  | <b>28.6</b>  | <b>20.8</b>  | <b>68.2</b>    | <b>65.3</b>    | <b>20.2</b>  | <b>18.1</b>  | <b>20.7</b>  | <b>21.9</b>  | <b>20.4</b>  |
| France                         | 1.3          | 2.3          | 1.8          | 3.9            | 4.0            | 1.7          | 1.3          | 1.4          | 1.3          | 1.4          |
| Germany                        | 1.7          | 1.8          | 1.7          | 17.8           | 8.4            | 1.9          | 1.7          | 1.9          | 1.8          | 1.8          |
| Italy                          | 0.5          | 0.7          | 0.6          | 1.1            | 1.5            | 0.5          | 0.5          | 0.6          | 0.5          | 0.6          |
| Netherlands                    | 1.1          | 1.3          | 1.4          | 4.9            | 6.3            | 1.3          | 1.0          | 1.3          | 1.2          | 1.4          |
| United Kingdom                 | 17.4         | 18.2         | 11.4         | 29.9           | 34.0           | 11.1         | 10.4         | 12.1         | 12.0         | 14.2         |
| Other Europe                   | 4.1          | 4.2          | 4.0          | 10.6           | 11.2           | 3.6          | 3.2          | 3.5          | 5.0          | 1.0          |
| <b>AMERICAS</b>                | <b>5.9</b>   | <b>6.6</b>   | <b>6.3</b>   | <b>17.4</b>    | <b>17.7</b>    | <b>5.9</b>   | <b>5.4</b>   | <b>6.5</b>   | <b>6.4</b>   | <b>6.7</b>   |
| Canada                         | 2.2          | 2.4          | 2.2          | 8.0            | 8.5            | 2.2          | 2.0          | 2.3          | 2.3          | 2.3          |
| USA                            | 3.7          | 4.2          | 4.1          | 9.4            | 9.2            | 3.7          | 3.4          | 4.2          | 4.1          | 4.4          |
| Other Americas                 | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>OCEANIA</b>                 | <b>27.6</b>  | <b>29.2</b>  | <b>13.5</b>  | <b>28.5</b>    | <b>24.8</b>    | <b>11.6</b>  | <b>9.4</b>   | <b>10.0</b>  | <b>11.1</b>  | <b>11.5</b>  |
| Australia                      | 17.2         | 18.8         | 11.9         | 22.6           | 19.2           | 10.0         | 8.0          | 8.6          | 9.7          | 10.2         |
| New Zealand                    | 10.3         | 10.4         | 1.6          | 5.9            | 5.7            | 1.6          | 1.5          | 1.4          | 1.4          | 1.3          |
| Other Oceania                  | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>OTHERS</b>                  | <b>2.8</b>   | <b>3.0</b>   | <b>3.7</b>   | <b>8.8</b>     | <b>10.3</b>    | <b>3.4</b>   | <b>3.3</b>   | <b>3.9</b>   | <b>4.4</b>   | <b>9.6</b>   |
| <b>Total</b>                   | <b>214.3</b> | <b>242.1</b> | <b>209.1</b> | <b>3,279.2</b> | <b>3,885.5</b> | <b>218.2</b> | <b>218.8</b> | <b>259.0</b> | <b>278.1</b> | <b>333.2</b> |

Source:  
ASEAN Secretariat



**Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>853.2</b>   | <b>1,101.1</b> | <b>1,514.3</b> | <b>1,831.5</b> | <b>1,991.9</b> | <b>2,097.8</b> | <b>2,121.2</b> | <b>2,161.3</b> | <b>2,067.5</b> | <b>2,228.2</b> |
| <b>Extra-ASEAN</b>             | <b>1,655.1</b> | <b>1,780.8</b> | <b>2,070.0</b> | <b>2,378.7</b> | <b>2,510.9</b> | <b>2,677.5</b> | <b>2,890.5</b> | <b>3,440.9</b> | <b>4,133.6</b> | <b>4,382.4</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>747.9</b>   | <b>895.9</b>   | <b>1,075.1</b> | <b>1,259.4</b> | <b>1,368.2</b> | <b>1,484.0</b> | <b>1,594.4</b> | <b>2,014.0</b> | <b>2,804.7</b> | <b>3,098.5</b> |
| China                          | 177.6          | 247.2          | 333.9          | 463.1          | 560.3          | 694.7          | 830.0          | 1,210.8        | 2,024.4        | 2,361.8        |
| Hongkong                       | 4.4            | 5.3            | 8.3            | 8.6            | 9.8            | 14.8           | 16.0           | 13.5           | 12.2           | 2.2            |
| India                          | 0.0            | 15.2           | 19.0           | 23.6           | 28.5           | 36.7           | 46.1           | 59.6           | 65.9           | 75.3           |
| Japan                          | 151.8          | 161.8          | 179.3          | 206.9          | 215.8          | 193.3          | 191.6          | 203.4          | 210.5          | 207.6          |
| Korea, Republic of             | 289.7          | 342.8          | 0.0            | 435.0          | 424.4          | 395.3          | 357.2          | 345.1          | 301.8          | 254.9          |
| Taiwan, Province of China      | 91.2           | 98.4           | 92.8           | 97.0           | 97.5           | 109.7          | 104.8          | 121.0          | 134.6          | 138.4          |
| Other Asia                     | 33.1           | 25.2           | 441.8          | 25.2           | 31.7           | 39.5           | 48.7           | 60.7           | 55.3           | 58.3           |
| <b>EUROPE</b>                  | <b>486.3</b>   | <b>539.6</b>   | <b>608.0</b>   | <b>693.5</b>   | <b>703.9</b>   | <b>710.2</b>   | <b>723.0</b>   | <b>844.1</b>   | <b>793.7</b>   | <b>767.6</b>   |
| France                         | 113.3          | 117.4          | 121.2          | 131.5          | 141.1          | 145.7          | 150.3          | 166.4          | 170.8          | 164.1          |
| Germany                        | 62.9           | 63.4           | 72.5           | 81.6           | 84.1           | 94.0           | 108.8          | 118.3          | 99.0           | 94.4           |
| Italy                          | 19.8           | 20.8           | 22.6           | 25.2           | 29.5           | 32.2           | 35.8           | 40.3           | 34.0           | 40.9           |
| Netherlands                    | 23.5           | 22.7           | 24.6           | 28.1           | 26.6           | 29.0           | 30.9           | 32.5           | 28.9           | 28.3           |
| United Kingdom                 | 103.1          | 104.1          | 110.2          | 123.9          | 133.3          | 154.3          | 159.5          | 171.2          | 162.4          | 163.2          |
| Other Europe                   | 163.8          | 211.2          | 256.9          | 303.2          | 289.3          | 255.0          | 237.8          | 315.6          | 298.6          | 276.7          |
| <b>AMERICAS</b>                | <b>199.1</b>   | <b>217.5</b>   | <b>244.3</b>   | <b>263.2</b>   | <b>276.7</b>   | <b>315.5</b>   | <b>353.0</b>   | <b>395.0</b>   | <b>369.3</b>   | <b>354.0</b>   |
| Canada                         | 38.7           | 42.5           | 47.8           | 50.9           | 52.3           | 56.8           | 60.7           | 69.1           | 61.6           | 60.2           |
| USA                            | 146.0          | 154.0          | 173.1          | 185.0          | 191.4          | 217.5          | 238.7          | 256.5          | 250.8          | 248.9          |
| Other Americas                 | 14.4           | 21.1           | 23.4           | 27.3           | 33.0           | 41.2           | 53.7           | 69.4           | 57.0           | 44.9           |
| <b>OCEANIA</b>                 | <b>107.3</b>   | <b>121.6</b>   | <b>136.9</b>   | <b>156.3</b>   | <b>155.6</b>   | <b>158.0</b>   | <b>171.8</b>   | <b>174.2</b>   | <b>152.2</b>   | <b>147.1</b>   |
| Australia                      | 93.6           | 105.0          | 117.7          | 132.0          | 134.2          | 134.7          | 146.8          | 143.9          | 127.4          | 123.3          |
| New Zealand                    | 13.7           | 16.5           | 19.0           | 20.6           | 21.3           | 23.0           | 24.8           | 29.9           | 24.5           | 23.3           |
| Other Oceania                  | 0.0            | 0.1            | 0.1            | 3.7            | 0.2            | 0.2            | 0.2            | 0.4            | 0.3            | 0.5            |
| <b>OTHERS</b>                  | <b>114.5</b>   | <b>6.2</b>     | <b>5.8</b>     | <b>6.2</b>     | <b>6.6</b>     | <b>9.8</b>     | <b>48.3</b>    | <b>13.6</b>    | <b>13.6</b>    | <b>15.2</b>    |
| <b>TOTAL</b>                   | <b>2,508.3</b> | <b>2,881.9</b> | <b>3,584.3</b> | <b>4,210.2</b> | <b>4,502.8</b> | <b>4,775.2</b> | <b>5,011.7</b> | <b>5,602.2</b> | <b>6,201.1</b> | <b>6,610.6</b> |

Source:  
ASEAN Secretariat

**Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010           | 2011           | 2012           | 2013           | 2014           | 2015            | 2016            | 2017            | 2018            | 2019            |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>2,338.5</b> | <b>3,258.5</b> | <b>2,607.7</b> | <b>3,516.1</b> | <b>3,683.8</b> | <b>3,860.7</b>  | <b>3,817.5</b>  | <b>4,524.6</b>  | <b>5,453.3</b>  | <b>6,157.2</b>  |
| <b>Extra-ASEAN</b>             | <b>4,664.4</b> | <b>4,391.2</b> | <b>5,436.8</b> | <b>5,286.1</b> | <b>5,751.6</b> | <b>6,546.1</b>  | <b>7,701.8</b>  | <b>9,515.2</b>  | <b>10,357.0</b> | <b>9,949.8</b>  |
| <b>ASIA (Other than ASEAN)</b> | <b>1,579.5</b> | <b>2,038.8</b> | <b>1,893.8</b> | <b>2,580.7</b> | <b>2,782.6</b> | <b>3,224.7</b>  | <b>3,791.6</b>  | <b>5,392.8</b>  | <b>6,100.9</b>  | <b>5,494.9</b>  |
| China                          | 421.5          | 574.2          | 618.2          | 807.4          | 926.8          | 1,260.7         | 1,556.8         | 2,093.2         | 2,139.2         | 2,072.3         |
| Hongkong                       | 59.3           | 86.6           | 75.3           | 112.8          | 112.3          | 94.1            | 101.4           | 98.3            | 91.2            | 50.3            |
| India                          | 145.2          | 154.2          | 177.2          | 201.0          | 223.6          | 319.6           | 422.0           | 536.9           | 595.6           | 657.3           |
| Japan                          | 406.0          | 412.6          | 445.1          | 491.6          | 525.4          | 549.7           | 545.4           | 573.3           | 530.6           | 519.6           |
| Korea, Republic of             | 281.8          | 306.1          | 303.9          | 343.6          | 370.1          | 387.5           | 386.8           | 423.2           | 358.9           | 388.3           |
| Taiwan, Province of China      | 191.1          | 221.9          | 180.6          | 245.3          | 244.0          | 227.9           | 252.8           | 264.3           | 208.3           | 207.5           |
| Other Asia                     | 74.6           | 283.2          | 93.5           | 378.9          | 380.3          | 385.2           | 526.4           | 1,403.7         | 2,177.1         | 1,599.6         |
| <b>EUROPE</b>                  | <b>716.3</b>   | <b>1,045.9</b> | <b>776.9</b>   | <b>1,243.0</b> | <b>1,332.6</b> | <b>1,462.4</b>  | <b>1,767.1</b>  | <b>1,965.9</b>  | <b>2,006.3</b>  | <b>2,068.4</b>  |
| France                         | 158.3          | 148.4          | 178.9          | 190.9          | 210.1          | 212.6           | 256.2           | 274.1           | 287.9           | 283.8           |
| Germany                        | 138.7          | 145.2          | 152.4          | 168.1          | 184.8          | 203.6           | 243.9           | 267.8           | 274.2           | 277.7           |
| Italy                          | 0.0            | 46.1           | 0.0            | 63.0           | 68.0           | 69.4            | 79.4            | 90.0            | 94.3            | 91.2            |
| Netherlands                    | 153.3          | 159.1          | 147.7          | 158.2          | 169.3          | 175.3           | 200.8           | 210.4           | 210.0           | 215.3           |
| United Kingdom                 | 187.0          | 192.7          | 203.6          | 228.7          | 249.2          | 292.7           | 352.0           | 378.1           | 392.1           | 397.7           |
| Other Europe                   | 79.1           | 354.4          | 94.3           | 434.1          | 451.1          | 508.8           | 634.8           | 745.3           | 747.8           | 802.7           |
| <b>AMERICAS</b>                | <b>171.5</b>   | <b>297.1</b>   | <b>207.0</b>   | <b>333.2</b>   | <b>358.7</b>   | <b>411.6</b>    | <b>476.0</b>    | <b>537.0</b>    | <b>566.3</b>    | <b>649.0</b>    |
| Canada                         | 0.0            | 52.0           | 0.0            | 56.8           | 61.4           | 75.8            | 86.8            | 96.1            | 97.9            | 103.6           |
| USA                            | 171.5          | 202.3          | 207.0          | 234.1          | 251.4          | 276.0           | 316.8           | 344.8           | 387.9           | 457.8           |
| Other Americas                 | 0.0            | 42.8           | 0.0            | 42.2           | 45.9           | 59.8            | 72.4            | 96.1            | 80.6            | 87.5            |
| <b>OCEANIA</b>                 | <b>730.9</b>   | <b>974.9</b>   | <b>909.2</b>   | <b>1,071.8</b> | <b>1,212.7</b> | <b>1,377.4</b>  | <b>1,571.9</b>  | <b>1,507.9</b>  | <b>1,574.6</b>  | <b>1,617.2</b>  |
| Australia                      | 730.9          | 931.1          | 909.2          | 998.0          | 1,128.5        | 1,099.1         | 1,302.3         | 1,256.9         | 1,301.5         | 1,386.8         |
| New Zealand                    | 0.0            | 36.7           | 0.0            | 66.5           | 76.5           | 87.9            | 105.4           | 106.9           | 128.4           | 149.0           |
| Other Oceania                  | 0.0            | 7.2            | 0.0            | 7.3            | 7.7            | 190.4           | 164.2           | 144.1           | 144.7           | 81.4            |
| <b>OTHERS</b>                  | <b>1,466.1</b> | <b>34.6</b>    | <b>1,649.9</b> | <b>57.5</b>    | <b>65.0</b>    | <b>69.9</b>     | <b>95.1</b>     | <b>111.5</b>    | <b>108.9</b>    | <b>120.3</b>    |
| <b>Total</b>                   | <b>7,002.9</b> | <b>7,649.7</b> | <b>8,044.5</b> | <b>8,802.1</b> | <b>9,435.4</b> | <b>10,406.8</b> | <b>11,519.3</b> | <b>14,039.8</b> | <b>15,810.3</b> | <b>16,107.0</b> |

Source:  
ASEAN Secretariat

**Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>1,990.9</b> | <b>2,191.2</b> | <b>2,712.5</b> | <b>3,041.2</b> | <b>3,224.1</b> | <b>3,588.5</b> | <b>3,083.4</b> | <b>2,747.1</b> | <b>2,886.8</b> | <b>3,198.8</b> |
| <b>Extra-ASEAN</b>             | <b>522.1</b>   | <b>532.3</b>   | <b>617.6</b>   | <b>738.3</b>   | <b>934.6</b>   | <b>1,095.9</b> | <b>1,155.7</b> | <b>1,121.7</b> | <b>1,299.6</b> | <b>1,592.2</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>237.9</b>   | <b>240.9</b>   | <b>312.6</b>   | <b>394.3</b>   | <b>584.3</b>   | <b>736.4</b>   | <b>802.0</b>   | <b>862.9</b>   | <b>1,035.3</b> | <b>1,292.8</b> |
| China                          | 161.9          | 150.8          | 199.9          | 245.0          | 422.4          | 511.4          | 545.5          | 639.2          | 805.8          | 1,022.7        |
| Hongkong                       | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| India                          | 3.3            | 3.2            | 3.3            | 4.6            | 4.5            | 5.5            | 8.2            | 4.3            | 4.9            | 8.2            |
| Japan                          | 34.1           | 37.9           | 42.0           | 48.6           | 44.9           | 43.8           | 49.2           | 32.1           | 39.0           | 41.7           |
| Korea, Republic of             | 27.3           | 34.7           | 53.8           | 81.8           | 96.1           | 165.3          | 173.3          | 170.6          | 174.4          | 203.2          |
| Taiwan, Province of China      | 3.3            | 5.0            | 4.0            | 4.8            | 5.5            | 6.1            | 14.0           | 4.3            | 4.8            | 7.0            |
| Other Asia                     | 8.0            | 9.3            | 9.6            | 9.5            | 10.9           | 4.2            | 11.8           | 12.4           | 6.4            | 10.0           |
| <b>EUROPE</b>                  | <b>178.1</b>   | <b>181.5</b>   | <b>185.8</b>   | <b>212.6</b>   | <b>209.3</b>   | <b>217.3</b>   | <b>221.9</b>   | <b>161.2</b>   | <b>165.8</b>   | <b>182.5</b>   |
| France                         | 44.8           | 44.4           | 46.9           | 52.4           | 52.1           | 55.2           | 55.0           | 36.8           | 39.3           | 44.4           |
| Germany                        | 22.6           | 21.3           | 23.4           | 29.3           | 29.8           | 31.9           | 34.0           | 23.8           | 22.9           | 25.3           |
| Italy                          | 7.1            | 7.0            | 6.3            | 8.8            | 9.7            | 9.0            | 10.1           | 7.5            | 6.2            | 7.3            |
| Netherlands                    | 10.0           | 9.2            | 9.3            | 10.9           | 8.7            | 8.4            | 7.0            | 5.5            | 7.8            | 8.9            |
| United Kingdom                 | 37.3           | 35.6           | 35.7           | 41.7           | 39.1           | 41.5           | 39.2           | 27.7           | 26.8           | 32.0           |
| Other Europe                   | 56.3           | 64.1           | 64.2           | 69.4           | 69.9           | 71.3           | 76.7           | 59.9           | 62.8           | 64.5           |
| <b>AMERICAS</b>                | <b>67.3</b>    | <b>70.0</b>    | <b>75.9</b>    | <b>85.9</b>    | <b>86.0</b>    | <b>89.0</b>    | <b>86.2</b>    | <b>64.2</b>    | <b>69.1</b>    | <b>82.7</b>    |
| Canada                         | 13.6           | 14.4           | 16.7           | 17.1           | 19.1           | 19.8           | 19.3           | 13.5           | 10.8           | 12.9           |
| USA                            | 49.8           | 50.1           | 53.4           | 61.6           | 61.5           | 63.1           | 58.1           | 38.8           | 49.2           | 61.2           |
| Other Americas                 | 3.9            | 5.5            | 5.7            | 7.2            | 5.5            | 6.1            | 8.8            | 12.0           | 9.2            | 8.6            |
| <b>OCEANIA</b>                 | <b>34.9</b>    | <b>36.8</b>    | <b>39.3</b>    | <b>40.9</b>    | <b>50.2</b>    | <b>39.5</b>    | <b>37.9</b>    | <b>24.1</b>    | <b>23.1</b>    | <b>28.7</b>    |
| Australia                      | 30.5           | 31.9           | 33.9           | 35.5           | 45.0           | 34.7           | 33.1           | 20.9           | 19.6           | 24.8           |
| New Zealand                    | 4.4            | 4.9            | 5.4            | 5.5            | 5.2            | 4.8            | 4.8            | 3.2            | 3.5            | 4.0            |
| Other Oceania                  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>OTHERS</b>                  | <b>3.9</b>     | <b>3.2</b>     | <b>4.1</b>     | <b>4.6</b>     | <b>4.9</b>     | <b>13.8</b>    | <b>7.7</b>     | <b>9.3</b>     | <b>6.3</b>     | <b>5.6</b>     |
| <b>Total</b>                   | <b>2,513.0</b> | <b>2,723.6</b> | <b>3,330.1</b> | <b>3,779.5</b> | <b>4,158.7</b> | <b>4,684.4</b> | <b>4,239.0</b> | <b>3,868.8</b> | <b>4,186.4</b> | <b>4,791.1</b> |

Source:  
ASEAN Secretariat

**Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>18,937.2</b> | <b>18,885.3</b> | <b>18,809.7</b> | <b>19,105.9</b> | <b>20,372.8</b> | <b>19,146.5</b> | <b>20,271.1</b> | <b>19,478.6</b> | <b>18,114.4</b> | <b>17,880.2</b> |
| <b>Extra-ASEAN</b>             | <b>5,640.0</b>  | <b>5,829.0</b>  | <b>6,223.0</b>  | <b>6,609.6</b>  | <b>7,064.5</b>  | <b>6,574.7</b>  | <b>6,486.2</b>  | <b>6,469.9</b>  | <b>7,717.9</b>  | <b>8,220.6</b>  |
| <b>ASIA (Other than ASEAN)</b> | <b>2,950.0</b>  | <b>3,087.9</b>  | <b>3,895.9</b>  | <b>4,220.5</b>  | <b>4,421.6</b>  | <b>4,328.5</b>  | <b>3,499.3</b>  | <b>4,568.9</b>  | <b>5,452.8</b>  | <b>5,895.5</b>  |
| China                          | 1,130.3         | 1,250.5         | 1,558.8         | 1,791.4         | 1,613.4         | 1,677.2         | 2,124.9         | 2,281.7         | 2,944.1         | 3,114.3         |
| Hongkong                       | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| India                          | 690.8           | 693.1           | 691.3           | 651.0           | 770.1           | 722.1           | 0.0             | 552.7           | 600.3           | 735.3           |
| Japan                          | 415.9           | 387.0           | 470.0           | 513.1           | 553.1           | 483.6           | 413.8           | 392.8           | 394.5           | 424.7           |
| Korea, Republic of             | 264.1           | 263.4           | 284.0           | 274.7           | 385.8           | 421.2           | 444.4           | 484.5           | 616.8           | 673.1           |
| Taiwan, Province of China      | 211.1           | 233.8           | 242.5           | 286.3           | 274.7           | 283.2           | 300.9           | 332.9           | 383.9           | 382.9           |
| Other Asia                     | 237.8           | 260.1           | 649.3           | 704.1           | 824.6           | 741.2           | 215.3           | 524.3           | 513.1           | 565.3           |
| <b>EUROPE</b>                  | <b>1,024.3</b>  | <b>975.1</b>    | <b>1,046.8</b>  | <b>1,066.2</b>  | <b>1,211.9</b>  | <b>1,201.2</b>  | <b>1,111.9</b>  | <b>1,077.2</b>  | <b>1,054.7</b>  | <b>1,055.8</b>  |
| France                         | 111.2           | 128.0           | 136.2           | 145.1           | 170.0           | 151.5           | 134.3           | 131.7           | 139.4           | 141.7           |
| Germany                        | 130.9           | 124.7           | 131.3           | 136.7           | 158.5           | 144.9           | 130.3           | 109.8           | 128.9           | 130.2           |
| Italy                          | 47.1            | 43.9            | 44.3            | 45.3            | 55.2            | 51.9            | 42.7            | 44.6            | 52.1            | 54.7            |
| Netherlands                    | 114.9           | 90.6            | 88.4            | 84.0            | 98.0            | 84.6            | 72.2            | 75.9            | 81.7            | 82.1            |
| United Kingdom                 | 430.0           | 403.9           | 402.2           | 413.5           | 445.8           | 401.0           | 400.3           | 358.8           | 361.3           | 346.5           |
| Other Europe                   | 190.3           | 184.1           | 244.4           | 241.6           | 284.5           | 367.2           | 332.2           | 356.3           | 291.4           | 300.6           |
| <b>AMERICAS</b>                | <b>324.7</b>    | <b>302.8</b>    | <b>327.1</b>    | <b>335.8</b>    | <b>354.9</b>    | <b>360.1</b>    | <b>289.4</b>    | <b>308.6</b>    | <b>338.1</b>    | <b>357.5</b>    |
| Canada                         | 91.7            | 86.0            | 86.9            | 88.9            | 92.8            | 79.6            | 72.3            | 67.1            | 84.7            | 87.6            |
| USA                            | 233.0           | 216.8           | 240.1           | 246.9           | 262.1           | 237.8           | 217.1           | 198.2           | 253.4           | 269.9           |
| Other Americas                 | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 42.8            | 0.0             | 43.3            | 0.0             | 0.0             |
| <b>OCEANIA</b>                 | <b>646.8</b>    | <b>639.8</b>    | <b>573.7</b>    | <b>589.5</b>    | <b>638.8</b>    | <b>551.7</b>    | <b>431.1</b>    | <b>411.7</b>    | <b>402.2</b>    | <b>418.4</b>    |
| Australia                      | 580.7           | 558.4           | 507.9           | 526.3           | 571.3           | 486.9           | 377.7           | 351.2           | 351.5           | 368.3           |
| New Zealand                    | 66.2            | 81.4            | 65.7            | 63.2            | 67.4            | 60.8            | 53.4            | 55.9            | 50.7            | 50.1            |
| Other Oceania                  | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 3.9             | 0.0             | 4.5             | 0.0             | 0.0             |
| <b>OTHERS</b>                  | <b>694.2</b>    | <b>823.5</b>    | <b>379.5</b>    | <b>397.6</b>    | <b>437.4</b>    | <b>133.3</b>    | <b>1,154.6</b>  | <b>103.6</b>    | <b>470.1</b>    | <b>493.4</b>    |
| <b>Total</b>                   | <b>24,577.2</b> | <b>24,714.3</b> | <b>25,032.7</b> | <b>25,715.5</b> | <b>27,437.3</b> | <b>25,721.3</b> | <b>26,757.4</b> | <b>25,948.5</b> | <b>25,832.4</b> | <b>26,100.8</b> |

 Source:  
 ASEAN Secretariat

**Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010         | 2011         | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|--------------------------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>512.3</b> | <b>100.4</b> | <b>151.1</b>   | <b>218.7</b>   | <b>1,598.3</b> | <b>1,762.9</b> | <b>402.9</b>   | <b>1,730.4</b> | <b>1,918.3</b> | <b>2,123.3</b> |
| <b>Extra-ASEAN</b>             | <b>279.2</b> | <b>716.0</b> | <b>907.9</b>   | <b>1,825.6</b> | <b>1,483.2</b> | <b>2,918.1</b> | <b>2,504.3</b> | <b>1,712.7</b> | <b>1,631.2</b> | <b>2,240.8</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>183.2</b> | <b>161.9</b> | <b>233.0</b>   | <b>415.1</b>   | <b>1,071.3</b> | <b>2,368.8</b> | <b>468.8</b>   | <b>1,311.0</b> | <b>1,307.8</b> | <b>1,915.9</b> |
| China                          | 113.7        | 62.0         | 70.8           | 90.6           | 809.4          | 2,102.7        | 183.9          | 996.9          | 963.2          | 1,463.1        |
| Hongkong                       | 3.1          | 3.8          | 4.8            | 7.9            | 8.5            | 2.9            | -              | 0.4            | 7.2            | 32.0           |
| India                          | 9.8          | 12.3         | 16.9           | 21.0           | 62.1           | 59.7           | 38.5           | 86.9           | 102.7          | 117.3          |
| Japan                          | 16.2         | 21.3         | 47.7           | 68.8           | 83.4           | 90.3           | 100.8          | 101.5          | 104.4          | 125.7          |
| Korea, Republic of             | 18.9         | 22.5         | 34.8           | 54.9           | 58.5           | 63.7           | 64.4           | 65.8           | 71.2           | 111.8          |
| Taiwan, Province of China      | 14.2         | 15.5         | 22.1           | 30.7           | 32.7           | 31.7           | 36.1           | 36.5           | 35.7           | 39.4           |
| Other Asia                     | 7.3          | 24.4         | 36.0           | 141.3          | 16.7           | 17.7           | 45.1           | 23.0           | 23.4           | 26.7           |
| <b>EUROPE</b>                  | <b>65.9</b>  | <b>88.5</b>  | <b>116.0</b>   | <b>168.3</b>   | <b>200.3</b>   | <b>224.5</b>   | <b>255.5</b>   | <b>252.4</b>   | <b>199.9</b>   | <b>202.7</b>   |
| France                         | 13.1         | 19.4         | 26.5           | 35.5           | 41.5           | 47.4           | 52.3           | 58.4           | 43.2           | 42.6           |
| Germany                        | 11.1         | 14.0         | 19.5           | 27.7           | 32.3           | 35.7           | 39.0           | 40.0           | 28.8           | 29.4           |
| Italy                          | 7.2          | 9.7          | 9.3            | 11.7           | 12.6           | 14.8           | 18.0           | 18.2           | 16.9           | 19.1           |
| Netherlands                    | 2.4          | -            | -              | -              | 10.8           | 12.2           | 14.0           | 13.5           | 9.4            | 9.6            |
| United Kingdom                 | 7.3          | 11.1         | 20.6           | 33.2           | 40.9           | 45.1           | 51.1           | 47.7           | 36.4           | 34.1           |
| Other Europe                   | 24.8         | 34.3         | 39.9           | 60.2           | 62.3           | 69.2           | 81.1           | 74.6           | 65.2           | 67.9           |
| <b>AMERICAS</b>                | <b>20.6</b>  | <b>27.7</b>  | <b>47.6</b>    | <b>67.3</b>    | <b>81.9</b>    | <b>93.4</b>    | <b>102.5</b>   | <b>99.7</b>    | <b>86.9</b>    | <b>88.0</b>    |
| Canada                         | 2.4          | 3.7          | 37.6           | 9.0            | 12.3           | 14.1           | 15.0           | 14.1           | 11.1           | 11.1           |
| USA                            | 16.5         | 21.7         | 6.5            | 53.7           | 62.6           | 69.8           | 76.5           | 73.1           | 65.1           | 66.8           |
| Other Americas                 | 1.7          | 2.4          | 3.5            | 4.6            | 7.0            | 9.6            | 11.0           | 12.6           | 10.8           | 10.2           |
| <b>OCEANIA</b>                 | <b>8.7</b>   | <b>11.6</b>  | <b>20.7</b>    | <b>28.1</b>    | <b>33.4</b>    | <b>35.6</b>    | <b>39.2</b>    | <b>37.6</b>    | <b>32.5</b>    | <b>30.0</b>    |
| Australia                      | 7.7          | 10.4         | 18.3           | 24.7           | 29.2           | 30.8           | 34.0           | 32.6           | 28.0           | 25.9           |
| New Zealand                    | 1.0          | 1.2          | 2.3            | 3.3            | 4.1            | 4.5            | 5.0            | 4.8            | 4.3            | 4.0            |
| Other Oceania                  | 0.0          | 0.0          | 0.0            | 0.0            | 0.2            | 0.2            | 0.1            | 0.2            | 0.2            | 0.2            |
| <b>OTHERS</b>                  | <b>0.8</b>   | <b>426.2</b> | <b>490.6</b>   | <b>1,146.8</b> | <b>96.2</b>    | <b>195.8</b>   | <b>1,638.4</b> | <b>11.9</b>    | <b>4.1</b>     | <b>4.1</b>     |
| <b>Total</b>                   | <b>791.5</b> | <b>816.4</b> | <b>1,059.0</b> | <b>2,044.3</b> | <b>3,081.4</b> | <b>4,681.0</b> | <b>2,907.2</b> | <b>3,443.1</b> | <b>3,549.4</b> | <b>4,364.1</b> |

Source:  
ASEAN Secretariat

**Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>298.2</b>   | <b>331.7</b>   | <b>375.2</b>   | <b>422.1</b>   | <b>461.5</b>   | <b>481.6</b>   | <b>461.7</b>   | <b>488.3</b>   | <b>530.3</b>   | <b>526.8</b>   |
| <b>Extra-ASEAN</b>             | <b>3,222.3</b> | <b>3,585.8</b> | <b>3,897.6</b> | <b>4,259.2</b> | <b>4,371.9</b> | <b>4,879.1</b> | <b>5,505.3</b> | <b>6,132.6</b> | <b>6,597.4</b> | <b>7,734.1</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>1,687.5</b> | <b>1,961.0</b> | <b>2,167.5</b> | <b>2,446.5</b> | <b>2,465.6</b> | <b>2,830.4</b> | <b>3,266.2</b> | <b>3,763.6</b> | <b>4,101.4</b> | <b>5,106.9</b> |
| China                          | 187.4          | 243.1          | 250.9          | 426.4          | 395.0          | 490.8          | 675.7          | 968.4          | 1,255.3        | 1,743.3        |
| Hongkong                       | 133.7          | 112.1          | 118.7          | 126.0          | 114.1          | 122.2          | 116.3          | 111.1          | 118.0          | 91.7           |
| India                          | 34.6           | 42.8           | 46.4           | 52.2           | 61.2           | 74.8           | 90.8           | 107.3          | 121.1          | 135.0          |
| Japan                          | 358.7          | 375.5          | 412.5          | 433.7          | 463.7          | 495.7          | 535.2          | 584.2          | 631.8          | 682.8          |
| Korea, Republic of             | 740.6          | 925.2          | 1,031.2        | 1,165.8        | 1,175.5        | 1,339.7        | 1,475.1        | 1,607.8        | 1,588.0        | 1,989.3        |
| Taiwan, Province of China      | 142.5          | 181.7          | 216.5          | 139.1          | 143.0          | 177.7          | 229.3          | 236.8          | 240.8          | 327.3          |
| Other Asia                     | 89.9           | 80.5           | 91.4           | 103.3          | 113.2          | 129.6          | 143.7          | 148.0          | 146.5          | 137.6          |
| <b>EUROPE</b>                  | <b>371.7</b>   | <b>382.2</b>   | <b>433.7</b>   | <b>468.1</b>   | <b>485.8</b>   | <b>521.1</b>   | <b>594.3</b>   | <b>649.5</b>   | <b>707.5</b>   | <b>772.1</b>   |
| France                         | 27.3           | 29.6           | 33.7           | 39.0           | 38.9           | 45.5           | 55.4           | 64.8           | 74.4           | 88.6           |
| Germany                        | 58.7           | 61.2           | 67.0           | 70.9           | 72.8           | 75.3           | 86.4           | 85.4           | 92.1           | 103.8          |
| Italy                          | 16.4           | 15.8           | 16.7           | 17.7           | 19.9           | 21.6           | 25.9           | 30.4           | 35.2           | 39.0           |
| Netherlands                    | 19.2           | 21.0           | 22.2           | 22.6           | 25.2           | 28.6           | 31.9           | 33.8           | 37.0           | 41.3           |
| United Kingdom                 | 96.9           | 104.5          | 113.3          | 122.8          | 133.7          | 154.6          | 173.3          | 182.7          | 201.0          | 209.2          |
| Other Europe                   | 153.1          | 150.1          | 180.7          | 195.1          | 195.3          | 195.4          | 221.5          | 252.4          | 267.7          | 290.3          |
| <b>AMERICAS</b>                | <b>714.1</b>   | <b>747.7</b>   | <b>783.3</b>   | <b>814.6</b>   | <b>875.2</b>   | <b>946.0</b>   | <b>1,057.2</b> | <b>1,176.5</b> | <b>1,279.8</b> | <b>1,327.9</b> |
| Canada                         | 106.3          | 117.4          | 123.7          | 131.4          | 143.9          | 156.4          | 175.6          | 200.6          | 226.4          | 238.9          |
| USA                            | 600.2          | 624.5          | 652.6          | 674.6          | 722.8          | 779.2          | 869.5          | 957.8          | 1,034.4        | 1,064.4        |
| Other Americas                 | 7.6            | 5.7            | 7.0            | 8.6            | 8.6            | 10.4           | 12.1           | 18.0           | 18.9           | 24.6           |
| <b>OCEANIA</b>                 | <b>210.7</b>   | <b>228.1</b>   | <b>252.7</b>   | <b>276.7</b>   | <b>287.0</b>   | <b>303.0</b>   | <b>321.1</b>   | <b>333.2</b>   | <b>354.0</b>   | <b>352.8</b>   |
| Australia                      | 147.5          | 170.7          | 191.2          | 213.0          | 224.8          | 241.2          | 251.1          | 259.4          | 279.8          | 286.2          |
| New Zealand                    | 11.3           | 12.8           | 14.1           | 15.8           | 17.7           | 20.6           | 23.4           | 29.0           | 33.3           | 37.9           |
| Other Oceania                  | 51.9           | 44.6           | 47.5           | 47.9           | 44.5           | 41.2           | 46.5           | 44.8           | 40.9           | 28.8           |
| <b>OTHERS</b>                  | <b>238.4</b>   | <b>266.8</b>   | <b>260.4</b>   | <b>253.4</b>   | <b>258.3</b>   | <b>278.7</b>   | <b>266.6</b>   | <b>209.8</b>   | <b>154.7</b>   | <b>174.4</b>   |
| <b>Total</b>                   | <b>3,520.5</b> | <b>3,917.5</b> | <b>4,272.8</b> | <b>4,681.3</b> | <b>4,833.4</b> | <b>5,360.7</b> | <b>5,967.0</b> | <b>6,620.9</b> | <b>7,127.7</b> | <b>8,260.9</b> |

Source:  
ASEAN Secretariat

**Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>4,779.6</b>  | <b>5,372.2</b>  | <b>5,732.7</b>  | <b>6,114.7</b>  | <b>6,113.0</b>  | <b>5,748.2</b>  | <b>5,936.4</b>  | <b>6,225.1</b>  | <b>6,521.0</b>  | <b>6,623.9</b>  |
| <b>Extra-ASEAN</b>             | <b>6,859.0</b>  | <b>7,799.1</b>  | <b>8,758.5</b>  | <b>9,453.2</b>  | <b>8,982.1</b>  | <b>9,483.3</b>  | <b>10,467.2</b> | <b>11,199.5</b> | <b>11,987.3</b> | <b>12,489.9</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>3,912.9</b>  | <b>4,681.6</b>  | <b>5,359.1</b>  | <b>5,891.3</b>  | <b>5,474.0</b>  | <b>5,956.8</b>  | <b>6,826.1</b>  | <b>7,274.5</b>  | <b>7,711.4</b>  | <b>7,984.4</b>  |
| China                          | 1,171.3         | 1,577.5         | 2,033.4         | 2,269.9         | 1,722.4         | 2,106.2         | 2,863.7         | 3,228.1         | 3,417.6         | 3,627.0         |
| Hongkong                       | 387.6           | 464.4           | 472.1           | 539.8           | 631.0           | 609.9           | 538.0           | 465.8           | 473.1           | 488.5           |
| India                          | 828.9           | 869.0           | 894.6           | 933.6           | 943.6           | 1,014.0         | 1,097.2         | 1,272.1         | 1,442.3         | 1,417.9         |
| Japan                          | 528.8           | 656.4           | 756.9           | 832.8           | 824.7           | 789.2           | 783.9           | 792.9           | 829.7           | 884.3           |
| Korea, Republic of             | 360.7           | 414.9           | 445.2           | 471.8           | 537.0           | 577.1           | 566.5           | 631.4           | 629.5           | 645.8           |
| Taiwan, Province of China      | 191.2           | 238.5           | 282.2           | 350.3           | 337.4           | 378.0           | 394.2           | 395.6           | 422.9           | 425.6           |
| Other Asia                     | 444.5           | 460.9           | 474.8           | 493.2           | 477.8           | 482.5           | 582.6           | 488.8           | 496.3           | 495.2           |
| <b>EUROPE</b>                  | <b>1,356.9</b>  | <b>1,386.8</b>  | <b>1,519.0</b>  | <b>1,591.2</b>  | <b>1,598.5</b>  | <b>1,615.4</b>  | <b>1,719.8</b>  | <b>1,853.8</b>  | <b>2,063.2</b>  | <b>2,132.5</b>  |
| France                         | 130.4           | 140.3           | 158.9           | 160.0           | 156.9           | 157.5           | 170.9           | 175.4           | 204.8           | 212.8           |
| Germany                        | 209.2           | 220.0           | 252.4           | 251.6           | 263.5           | 286.7           | 328.8           | 342.4           | 356.8           | 380.7           |
| Italy                          | 51.1            | 53.5            | 65.5            | 66.7            | 67.1            | 69.4            | 74.6            | 80.4            | 102.0           | 102.7           |
| Netherlands                    | 76.5            | 81.1            | 81.6            | 82.9            | 81.8            | 79.1            | 82.2            | 86.9            | 98.3            | 99.4            |
| United Kingdom                 | 461.7           | 442.6           | 446.4           | 461.5           | 451.9           | 473.8           | 489.2           | 518.9           | 588.9           | 607.8           |
| Other Europe                   | 427.9           | 449.3           | 514.2           | 568.6           | 577.4           | 549.0           | 574.0           | 649.7           | 712.4           | 729.1           |
| <b>AMERICAS</b>                | <b>524.6</b>    | <b>563.7</b>    | <b>616.2</b>    | <b>641.5</b>    | <b>635.3</b>    | <b>657.3</b>    | <b>680.7</b>    | <b>758.7</b>    | <b>861.7</b>    | <b>962.1</b>    |
| Canada                         | 75.1            | 82.9            | 87.8            | 92.7            | 92.8            | 96.2            | 98.5            | 105.2           | 129.5           | 138.5           |
| USA                            | 417.0           | 440.6           | 477.1           | 491.9           | 484.9           | 499.5           | 516.5           | 565.4           | 643.2           | 729.3           |
| Other Americas                 | 32.5            | 40.2            | 51.4            | 56.8            | 57.5            | 61.5            | 65.7            | 88.0            | 88.9            | 94.3            |
| <b>OCEANIA</b>                 | <b>989.0</b>    | <b>1,093.4</b>  | <b>1,188.5</b>  | <b>1,261.1</b>  | <b>1,207.9</b>  | <b>1,186.3</b>  | <b>1,168.1</b>  | <b>1,235.7</b>  | <b>1,267.1</b>  | <b>1,319.9</b>  |
| Australia                      | 880.5           | 956.0           | 1,049.7         | 1,125.2         | 1,074.9         | 1,043.6         | 1,027.3         | 1,082.0         | 1,107.2         | 1,143.3         |
| New Zealand                    | 95.8            | 123.0           | 123.7           | 120.4           | 118.7           | 127.6           | 121.1           | 131.2           | 137.7           | 153.0           |
| Other Oceania                  | 12.8            | 14.4            | 15.1            | 15.5            | 14.3            | 15.1            | 19.7            | 22.4            | 22.2            | 23.6            |
| <b>OTHERS</b>                  | <b>75.6</b>     | <b>73.5</b>     | <b>75.7</b>     | <b>68.1</b>     | <b>66.4</b>     | <b>67.5</b>     | <b>72.7</b>     | <b>76.8</b>     | <b>83.9</b>     | <b>91.0</b>     |
| <b>Total</b>                   | <b>11,638.7</b> | <b>13,171.3</b> | <b>14,491.2</b> | <b>15,567.9</b> | <b>15,095.2</b> | <b>15,231.5</b> | <b>16,403.6</b> | <b>17,424.6</b> | <b>18,508.3</b> | <b>19,113.8</b> |

Source:  
ASEAN Secretariat

**Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2010-2019**

(in thousands)

| Country of Origin              | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>4,534.2</b>  | <b>5,529.9</b>  | <b>6,462.6</b>  | <b>7,410.4</b>  | <b>6,620.2</b>  | <b>7,886.1</b>  | <b>8,897.3</b>  | <b>9,322.5</b>  | <b>10,191.4</b> | <b>10,626.5</b> |
| <b>Extra-ASEAN</b>             | <b>11,402.2</b> | <b>13,568.4</b> | <b>15,891.3</b> | <b>19,136.3</b> | <b>18,159.5</b> | <b>21,995.0</b> | <b>23,632.3</b> | <b>26,269.5</b> | <b>27,986.8</b> | <b>29,170.9</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>5,180.9</b>  | <b>6,552.9</b>  | <b>8,218.6</b>  | <b>10,668.1</b> | <b>9,758.5</b>  | <b>14,022.5</b> | <b>15,166.2</b> | <b>17,063.3</b> | <b>18,479.7</b> | <b>19,709.6</b> |
| China                          | 1,122.2         | 1,760.6         | 2,761.2         | 4,609.7         | 4,623.8         | 7,934.8         | 8,821.1         | 9,806.3         | 10,535.2        | 10,994.7        |
| Hongkong                       | 316.5           | 418.1           | 604.9           | 694.1           | 483.9           | 669.2           | 690.5           | 821.1           | 1,015.7         | 1,045.2         |
| India                          | 760.4           | 916.8           | 985.9           | 1,028.4         | 946.3           | 1,069.1         | 1,077.0         | 1,415.2         | 1,598.3         | 1,995.5         |
| Japan                          | 993.7           | 1,126.2         | 1,341.1         | 1,515.7         | 1,265.3         | 1,381.7         | 1,416.9         | 1,544.4         | 1,656.1         | 1,806.3         |
| Korea, Republic of             | 805.4           | 1,014.3         | 1,153.5         | 1,292.3         | 1,117.4         | 1,373.0         | 1,449.6         | 1,709.3         | 1,796.4         | 1,887.9         |
| Taiwan, Province of China      | 369.2           | 450.8           | 393.3           | 503.9           | 392.8           | 552.6           | 513.5           | 573.1           | 687.7           | 789.9           |
| Other Asia                     | 813.5           | 866.2           | 978.8           | 1,023.9         | 929.0           | 1,042.1         | 1,197.6         | 1,194.0         | 1,190.1         | 1,190.0         |
| <b>EUROPE</b>                  | <b>4,442.4</b>  | <b>4,948.9</b>  | <b>5,454.5</b>  | <b>6,155.6</b>  | <b>6,156.1</b>  | <b>5,629.1</b>  | <b>6,008.4</b>  | <b>6,514.0</b>  | <b>6,760.3</b>  | <b>6,719.1</b>  |
| France                         | 461.7           | 509.2           | 538.3           | 723.7           | 632.2           | 681.1           | 697.7           | 740.2           | 749.6           | 745.3           |
| Germany                        | 606.9           | 603.2           | 663.6           | 580.1           | 717.6           | 760.6           | 825.5           | 850.1           | 886.5           | 857.5           |
| Italy                          | 168.2           | 181.3           | 187.6           | 197.2           | 220.0           | 246.1           | 248.9           | 264.5           | 279.9           | 272.3           |
| Netherlands                    | 197.0           | 197.2           | 197.7           | 209.7           | 210.3           | 221.7           | 228.4           | 222.4           | 236.3           | 241.7           |
| United Kingdom                 | 810.7           | 844.2           | 800.1           | 847.7           | 909.3           | 946.9           | 961.5           | 994.8           | 986.9           | 994.0           |
| Other Europe                   | 2,197.9         | 2,613.7         | 3,067.2         | 3,597.2         | 3,466.6         | 2,772.8         | 3,046.3         | 3,442.0         | 3,621.2         | 3,608.4         |
| <b>AMERICAS</b>                | <b>844.6</b>    | <b>953.2</b>    | <b>1,006.9</b>  | <b>1,104.0</b>  | <b>1,104.7</b>  | <b>1,235.1</b>  | <b>1,341.5</b>  | <b>1,542.0</b>  | <b>1,599.2</b>  | <b>1,634.0</b>  |
| Canada                         | 168.4           | 192.8           | 192.6           | 209.1           | 213.2           | 227.3           | 222.4           | 258.5           | 276.1           | 274.2           |
| USA                            | 611.8           | 684.1           | 726.5           | 788.8           | 764.7           | 867.5           | 938.9           | 1,056.4         | 1,122.3         | 1,167.8         |
| Other Americas                 | 64.5            | 76.3            | 87.8            | 106.1           | 126.8           | 140.3           | 180.3           | 227.0           | 200.9           | 192.0           |
| <b>OCEANIA</b>                 | <b>789.6</b>    | <b>960.3</b>    | <b>1,036.0</b>  | <b>1,019.4</b>  | <b>947.2</b>    | <b>921.4</b>    | <b>918.5</b>    | <b>938.9</b>    | <b>922.0</b>    | <b>886.2</b>    |
| Australia                      | 698.0           | 854.1           | 930.0           | 906.0           | 835.5           | 805.9           | 813.0           | 817.2           | 801.2           | 768.7           |
| New Zealand                    | 89.4            | 103.6           | 99.4            | 106.7           | 108.4           | 112.3           | 99.4            | 118.0           | 116.7           | 112.8           |
| Other Oceania                  | 2.2             | 2.6             | 6.6             | 6.6             | 3.3             | 3.1             | 6.1             | 3.7             | 4.0             | 4.7             |
| <b>OTHERS</b>                  | <b>144.7</b>    | <b>153.2</b>    | <b>175.2</b>    | <b>189.3</b>    | <b>193.0</b>    | <b>186.9</b>    | <b>197.6</b>    | <b>211.3</b>    | <b>225.5</b>    | <b>222.0</b>    |
| <b>Total</b>                   | <b>15,936.4</b> | <b>19,098.3</b> | <b>22,353.9</b> | <b>26,546.7</b> | <b>24,779.8</b> | <b>29,881.1</b> | <b>32,529.6</b> | <b>35,592.0</b> | <b>38,178.2</b> | <b>39,797.4</b> |

 Source:  
 ASEAN Secretariat



**Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2010-2019**

| Country of Origin              | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016            | 2017            | 2018            | 2019            |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>688.7</b>   | <b>838.4</b>   | <b>1,363.8</b> | <b>1,440.3</b> | <b>1,495.1</b> | <b>1,300.8</b> | <b>1,461.2</b>  | <b>1,683.5</b>  | <b>1,781.3</b>  | <b>2,037.3</b>  |
| <b>Extra-ASEAN</b>             | <b>4,361.1</b> | <b>5,175.6</b> | <b>5,483.9</b> | <b>6,132.1</b> | <b>6,379.2</b> | <b>6,642.8</b> | <b>8,551.6</b>  | <b>11,238.6</b> | <b>13,716.5</b> | <b>15,971.3</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>2,177.4</b> | <b>2,795.8</b> | <b>3,128.8</b> | <b>3,669.8</b> | <b>3,846.7</b> | <b>4,334.2</b> | <b>5,523.2</b>  | <b>8,079.1</b>  | <b>10,294.1</b> | <b>12,349.1</b> |
| China                          | 905.4          | 1,416.8        | 1,428.7        | 1,907.8        | 1,947.2        | 1,780.9        | 2,696.8         | 4,008.3         | 4,966.5         | 5,806.4         |
| Hongkong                       | 0.0            | 0.0            | 13.4           | 10.2           | 14.6           | 0.0            | 34.6            | 47.7            | 62.2            | 51.6            |
| India                          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 109.5           | 132.4           | 169.0           |
| Japan                          | 442.1          | 481.5          | 576.4          | 604.1          | 648.0          | 671.4          | 34.6            | 798.1           | 826.7           | 952.0           |
| Korea, Republic of             | 495.9          | 536.4          | 700.9          | 748.7          | 848.0          | 1,113.0        | 1,543.9         | 2,415.2         | 3,485.4         | 4,290.8         |
| Taiwan, Province of China      | 334.0          | 361.1          | 409.4          | 399.0          | 389.0          | 330.2          | 507.3           | 616.2           | 714.1           | 926.7           |
| Other Asia                     | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 438.7          | 706.0           | 84.1            | 106.9           | 152.5           |
| <b>EUROPE</b>                  | <b>199.4</b>   | <b>211.4</b>   | <b>927.0</b>   | <b>1,046.1</b> | <b>1,198.5</b> | <b>1,200.0</b> | <b>1,445.0</b>  | <b>1,885.7</b>  | <b>2,037.9</b>  | <b>2,168.2</b>  |
| France                         | 199.4          | 211.4          | 219.7          | 209.9          | 213.7          | 211.6          | 240.8           | 255.4           | 279.7           | 287.7           |
| Germany                        | 0.0            | 0.0            | 106.6          | 97.7           | 142.3          | 149.1          | 176.0           | 199.9           | 214.0           | 226.8           |
| Italy                          | 0.0            | 0.0            | 31.3           | 32.1           | 36.4           | 40.3           | 51.3            | 58.0            | 65.6            | 70.8            |
| Netherlands                    | 0.0            | 0.0            | 45.9           | 47.4           | 49.1           | 53.0           | 64.7            | 72.3            | 77.3            | 81.1            |
| United Kingdom                 | 0.0            | 0.0            | 170.3          | 184.7          | 202.3          | 212.8          | 254.8           | 283.5           | 298.1           | 315.1           |
| Other Europe                   | 0.0            | 0.0            | 353.1          | 474.3          | 554.6          | 533.3          | 657.4           | 1,016.6         | 1,103.3         | 1,186.7         |
| <b>AMERICAS</b>                | <b>431.0</b>   | <b>439.9</b>   | <b>557.4</b>   | <b>537.2</b>   | <b>548.1</b>   | <b>473.9</b>   | <b>675.6</b>    | <b>817.0</b>    | <b>903.8</b>    | <b>973.8</b>    |
| Canada                         | 0.0            | 0.0            | 113.6          | 105.0          | 104.3          | 105.7          | 122.9           | 138.2           | 149.5           | 159.1           |
| USA                            | 431.0          | 439.9          | 443.8          | 432.2          | 443.8          | 368.2          | 552.6           | 614.1           | 687.2           | 746.2           |
| Other Americas                 | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 64.7            | 67.1            | 68.5            |
| <b>OCEANIA</b>                 | <b>278.2</b>   | <b>289.8</b>   | <b>316.5</b>   | <b>350.6</b>   | <b>354.2</b>   | <b>335.7</b>   | <b>363.3</b>    | <b>420.9</b>    | <b>437.8</b>    | <b>432.4</b>    |
| Australia                      | 278.2          | 289.8          | 289.8          | 319.6          | 321.1          | 303.7          | 320.7           | 370.4           | 386.9           | 383.5           |
| New Zealand                    | 0.0            | 0.0            | 26.6           | 31.0           | 33.1           | 32.0           | 42.6            | 49.1            | 49.9            | 47.1            |
| Other Oceania                  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 1.4             | 1.0             | 1.8             |
| <b>OTHERS</b>                  | <b>1,275.3</b> | <b>1,438.8</b> | <b>554.3</b>   | <b>528.4</b>   | <b>431.7</b>   | <b>299.1</b>   | <b>544.5</b>    | <b>35.9</b>     | <b>42.8</b>     | <b>48.0</b>     |
| <b>Total</b>                   | <b>5,049.9</b> | <b>6,014.0</b> | <b>6,847.7</b> | <b>7,572.4</b> | <b>7,874.3</b> | <b>7,943.7</b> | <b>10,012.7</b> | <b>12,922.2</b> | <b>15,497.8</b> | <b>18,008.6</b> |

Source:  
ASEAN Secretariat



# CHAPTER 10 Agriculture





**Table 10.1. Agriculture Land and Land Use in ASEAN, 2018**

| Country           | Total Area<br>(000 Ha) | Land Area                   |                         |                             |                               |   |                                       | Rural Population<br>(000) |
|-------------------|------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------------|---|---------------------------------------|---------------------------|
|                   |                        | Total Land Area<br>(000 Ha) | Agricultural area       |                             |                               |   |                                       |                           |
|                   |                        |                             | Arable Land<br>(000 Ha) | Permanent Crops<br>(000 Ha) | Permanent Pasture<br>(000 Ha) | Total Agrc. Area<br>(000 Ha)<br>(4)+(5)+(6) | % of Agriculture Area<br>to Land Area |                           |
| Brunei Darussalam | 577.0                  | 527.0                       | 5.0                     | 6.0                         | 3.4                           | 14.4  | 2.7                                   | 96.9                      |
| Cambodia          | 18,104.0               | 17,652.0                    | 3,911.0                 | 155.0                       | 1,500.0                       | 5,566.0                                     | 31.5                                  | 12,558.9                  |
| Indonesia         | 191,682.0              | 187,751.9                   | 26,300.0                | 25,000.0                    | 11,000.0                      | 62,300.0                                    | 33.2                                  | 118,636.1                 |
| Lao PDR           | 23,680.0               | 23,080.0                    | 1,550.0                 | 169.0                       | 675.0                         | 2,394.0                                     | 10.4                                  | 4,546.2                   |
| Malaysia          | 33,034.5               | 32,855.0                    | 826.0                   | 7,460.0                     | 285.0                         | 8,571.0                                     | 26.1                                  | 7,592.1                   |
| Myanmar           | 67,659.0               | 65,279.0                    | 11,080.3                | 1,510.0                     | 298.7                         | 12,889.0                                    | 19.7                                  | 37,572.5                  |
| Philippines       | 30,000.0               | 29,817.0                    | 5,590.0                 | 5,350.0                     | 1,500.0                       | 12,440.0                                    | 41.7                                  | 57,134.9                  |
| Singapore         | 71.9                   | 70.9                        | 0.6                     | 0.1                         | -                             | 0.7   | 0.9                                   | n.a.                      |
| Thailand          | 51,312.0               | 51,089.0                    | 16,810.0                | 4,500.0                     | 800.0                         | 22,110.0                                    | 43.3                                  | 34,173.3                  |
| Viet Nam          | 33,123.0               | 31,007.0                    | 6,988.3                 | 4,538.5                     | 642.0                         | 12,168.8                                    | 39.2                                  | 61,742.3                  |
| <b>Total</b>      | <b>449,243.4</b>       | <b>439,128.8</b>            | <b>73,061.2</b>         | <b>48,688.6</b>             | <b>4,538.5</b>                | <b>138,453.9</b>                            | <b>31.5</b>                           | <b>334,053.3</b>          |

Source:  
FAOSTAT website, as of November 2020

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

**Table 10.2. GDP Share, Employment, Exports and Imports Share of Agriculture Sector in ASEAN, 2018-2019**

(in percent)

| Country                       | GDP Share <sup>1)</sup> |      | Employment Share <sup>2)</sup> |      | Exports Share    |                  | Imports Share    |                  |
|-------------------------------|-------------------------|------|--------------------------------|------|------------------|------------------|------------------|------------------|
|                               | 2018                    | 2019 | 2018                           | 2019 | 2018             | 2019             | 2018             | 2019             |
| Brunei Darussalam             | 0.8                     | 0.8  | 1.1                            | 1.9  | 0.2              | 0.2              | 12.3             | 10.0             |
| Cambodia                      | 16.3                    | 16.7 | -                              | -    | 19.3             | 19.2             | 10.5             | 10.9             |
| Indonesia                     | 12.5                    | 12.4 | 28.8                           | 27.3 | 5.5              | 4.8              | 7.5              | 7.0              |
| Lao PDR                       | 14.5                    | 14.0 | -                              | -    | 18.8             | 23.0             | 12.5             | 15.8             |
| Malaysia                      | 7.3                     | 7.1  | 13.3                           | 12.1 | 27.9             | 24.3             | 13.3             | 12.0             |
| Myanmar                       | 24.6                    | 22.3 | 47.6                           | -    | 8.3              | 8.6              | 7.3              | 7.7              |
| Philippines                   | 8.1                     | 9.2  | 32.0                           | 22.9 | 8.9              | 9.4              | 11.9             | 12.4             |
| Singapore                     | 0.0                     | 0.0  | -                              | -    | 3.3              | 3.5              | 3.6              | 3.7              |
| Thailand                      | 6.1                     | 6.2  | 35.8                           | 35.0 | 14.0             | 14.4             | 6.1              | 6.5              |
| Viet Nam                      | 14.3                    | 13.7 | 41.9                           | 34.7 | 11.0             | 9.9              | 8.2              | 7.8              |
| <b>Total in percent</b>       |                         |      |                                |      | <b>9.9</b>       | <b>9.9</b>       | <b>7.3</b>       | <b>7.4</b>       |
| <b>Total in Million US \$</b> |                         |      |                                |      | <b>142,168.5</b> | <b>141,026.2</b> | <b>101,189.2</b> | <b>102,548.7</b> |

Source:  
ASEAN Secretariat

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

**Table 10.3. Paddy Production in ASEAN, 2010-2019**

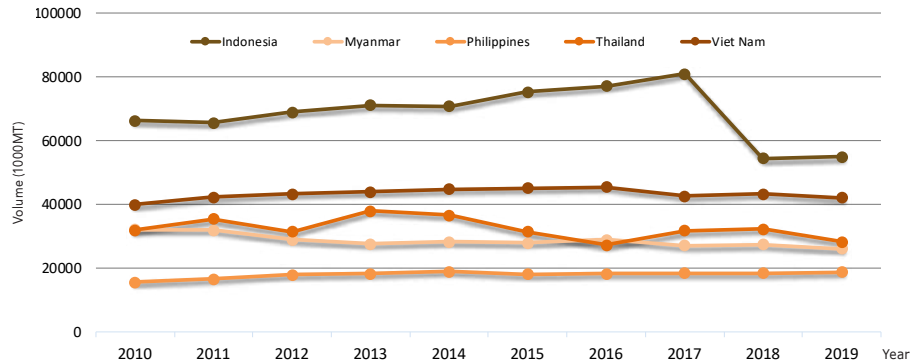
(in thousand metric ton)

| Country           | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1.7              | 2.2              | 2.3              | 1.9              | 2.1              | 3.1              | 3.2              | 2.5              | 2.3              | 4.7              |
| Cambodia          | 8,249.0          | 8,779.0          | 9,000.0          | 9,290.9          | 9,291.0          | 9,324.4          | 9,227.0          | 9,952.3          | 10,891.7         | 10,885.7         |
| Indonesia         | 66,469.4         | 65,756.9         | 69,080.0         | 71,280.0         | 70,846.5         | 75,397.8         | 77,245.3         | 81,148.6         | 54,604.0         | 55,021.1         |
| Lao PDR           | 3,070.6          | 3,065.8          | 3,489.2          | 3,414.6          | 4,002.4          | 4,048.2          | 4,300.0          | 4,055.4          | 3,534.5          | 3,537.4          |
| Malaysia          | 2,464.0          | 2,665.0          | 2,750.0          | 2,615.9          | 2,848.6          | 2,674.4          | 3,432.9          | 2,570.5          | 2,873.3          | 3,206.9          |
| Myanmar           | 32,165.1         | 32,064.4         | 29,009.9         | 27,703.7         | 28,322.2         | 28,127.2         | 29,073.0         | 27,255.4         | 27,573.4         | 26,282.0         |
| Philippines       | 15,772.3         | 16,684.1         | 18,032.5         | 18,439.4         | 18,967.8         | 18,296.7         | 18,365.3         | 18,549.6         | 18,622.3         | 18,872.7         |
| Singapore         | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                |
| Thailand          | 32,116.1         | 35,583.6         | 31,625.3         | 38,000.2         | 36,762.3         | 31,616.9         | 27,418.5         | 31,857.2         | 32,348.1         | 28,375.6         |
| Viet Nam          | 40,005.6         | 42,324.4         | 43,400.4         | 44,076.1         | 44,972.8         | 45,215.7         | 45,640.0         | 42,763.7         | 43,443.4         | 42,257.1         |
| <b>ASEAN</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> | <b>218,155.2</b> | <b>193,893.0</b> | <b>188,443.2</b> |

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

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

**Chart 10.1. Paddy Production of Five Major Paddy Producers in ASEAN, 2010-2019**



Source: AFSIS

**Table 10.4. Maize Production in ASEAN, 2010-2019**

(in thousand metric ton)

| Country           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | -               | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Cambodia          | 773.0           | 717.2           | 940.4           | 843.0           | 926.9           | 549.4           | 560.6           | 662.8           | 1,303.75        | 985.11          |
| Indonesia         | 18,327.6        | 17,643.3        | 19,387.0        | 18,509.0        | 19,008.4        | 19,833.3        | 21,835.9        | 28,924.0        | 23,853.66       | 24,275.78       |
| Lao PDR           | 1,020.9         | 1,098.0         | 1,125.5         | 1,214.1         | 1,136.6         | 1,110.0         | 1,112.8         | 1,252.1         | 756.76          | 610.6           |
| Malaysia          | 47.6            | 50.0            | 52.5            | -               | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | -               |
| Myanmar           | 1,225.9         | 1,354.6         | 1,485.0         | 1,525.7         | 1,626.3         | 1,720.6         | 1,855.0         | 1,831.0         | 1,984.5         | 1,985.93        |
| Philippines       | 6,376.8         | 6,971.2         | 7,407.1         | 7,377.3         | 7,770.6         | 7,553.0         | 7,813.4         | 8,087.0         | 7,608.46        | 8,095.2         |
| Singapore         | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Thailand          | 4,855.4         | 4,779.6         | 4,808.8         | 5,061.1         | 4,715.3         | 4,620.0         | 4,691.0         | 4,601.2         | 4,812.42        | 4,525.2         |
| Viet Nam          | 4,625.7         | 4,646.4         | 4,797.3         | 5,193.4         | 5,200.4         | 5,280.7         | 5,251.8         | 5,109.8         | 4,756.70        | 4,591.1         |
| <b>ASEAN</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> | <b>50,467.9</b> | <b>45,076.3</b> | <b>45,068.9</b> |

Source:

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

Note:

"-": not available at the time of publication

**Table 10.5. Soybean Production in ASEAN, 2010-2019**

(in thousand metric ton)

| Country           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018          | 2019          |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|
| Brunei Darussalam | -              | -              | -              | -              | -              | -              | -              | -              | -             | -             |
| Cambodia          | 157.0          | 114.6          | 119.8          | 131.0          | 131.1          | 104.2          | 108.3          | 95.0           | 42.1          | 85.9          |
| Indonesia         | 907.0          | 851.3          | 843.0          | 780.0          | 955.0          | 983.0          | 969.5          | 538.7          | 4242.2        | 964.1         |
| Lao PDR           | 11.4           | 13.8           | 6.4            | 13.9           | 17.0           | 17.6           | 17.9           | 19.3           | 5.1           | 6.2           |
| Malaysia          | -              | -              | -              | -              | -              | -              | -              | -              | -             | -             |
| Myanmar           | 253.7          | 254.5          | 236.9          | 237.9          | 234.9          | 228.9          | 246.2          | 214.8          | 207.0         | 202.8         |
| Philippines       | 0.8            | 0.7            | 0.6            | 0.8            | 0.9            | 0.7            | 0.6            | 0.9            | 0.7           | 0.7           |
| Singapore         | -              | -              | -              | -              | -              | -              | -              | -              | -             | -             |
| Thailand          | 169.6          | 151.4          | 151.4          | 76.5           | 55.9           | 57.7           | 56.6           | 41.2           | 43.6          | 40.4          |
| Viet Nam          | 298.6          | 254.2          | 177.6          | 168.4          | 156.5          | 146.4          | 137.7          | 101.9          | 75.9          | 75.0          |
| <b>ASEAN</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> | <b>1,011.7</b> | <b>4616.4</b> | <b>1375.0</b> |

Source:

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

Note:

"-": not available at the time of publication



**Table 10.6. Sugarcane Production in ASEAN, 2010-2019**

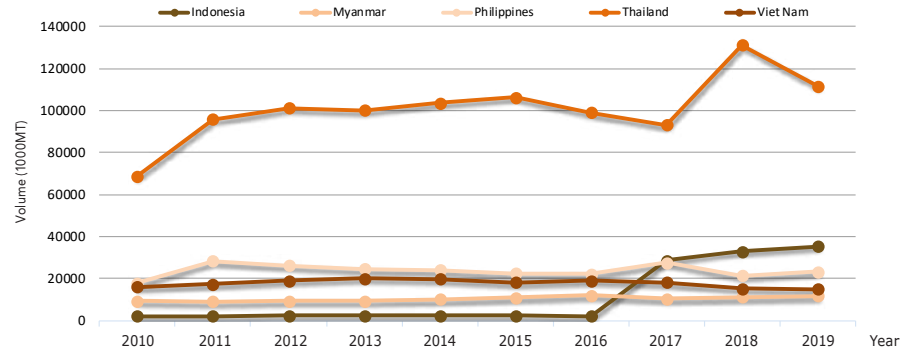
(in thousand metric ton)

| Country                 | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam       | -                | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              |
| Cambodia                | 366.0            | 468.7            | -                | 730.0            | 911.3            | 1,541.0          | 1,571.8          | 629.3            | 618.3            | 687.3            |
| Indonesia <sup>1)</sup> | 2,290.1          | 2,267.9          | 2,592.0          | 2,551.0          | 2,579.2          | 2,498.0          | 2,223.0          | 28,806.4         | 33,091.1         | 35,416.9         |
| Lao PDR                 | 818.7            | 1,222.0          | 1,055.7          | 865.1            | 1,840.5          | 1,749.8          | 1,821.0          | 2,069.2          | 1,490.5          | 1,252.4          |
| Malaysia                | 207.0            | 209.1            | 49.4             | -                | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | -                |
| Myanmar                 | 9,561.5          | 9,249.5          | 9,537.4          | 9,413.1          | 10,307.4         | 11,128.4         | 12,014.9         | 10,437.1         | 11,397.2         | 11,847.2         |
| Philippines             | 17,929.3         | 28,376.5         | 26,395.9         | 24,584.8         | 24,175.3         | 22,654.0         | 22,349.8         | 27,599.8         | 21,359.9         | 23,279.3         |
| Singapore               | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                |
| Thailand                | 68,807.8         | 95,950.4         | 101,165.0        | 100,095.6        | 103,697.0        | 106,327.8        | 99,100.2         | 93,088.5         | 131,002.2        | 111,522.4        |
| Viet Nam                | 16,161.7         | 17,464.8         | 18,984.0         | 20,018.4         | 19,827.7         | 18,320.8         | 19,100.0         | 18,319.2         | 15,265.7         | 14,960.4         |
| <b>ASEAN</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> | <b>180,949.4</b> | <b>214,224.8</b> | <b>198,965.9</b> |

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

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

**Chart 10.2. Sugarcane Production of Five Major Sugarcane Producers in ASEAN, 2010-2019**



Source: AFSIS

**Table 10.7. Cassava Production in ASEAN, 2010-2019**

(in thousand metric ton)

| Country           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 0.2             | 0.1             | 0.2             | -               | 0.2             | 0.2             | 0.2             | 0.2             | 0.3             | 0.3             |
| Cambodia          | 4,249.0         | 8,033.8         | 6,000.0         | 7,632.0         | 7,933.4         | 11,944.5        | 13,222.3        | 13,386.7        | 13,512.8        | 14,080.4        |
| Indonesia         | 23,058.3        | 24,044.0        | 24,177.0        | 23,937.0        | 23,436.4        | 22,906.1        | 26,749.0        | 19,045.6        | 16,350.4        | 21,548.1        |
| Lao PDR           | 500.1           | 743.2           | 1,060.9         | 1,254.2         | 1,629.8         | 1,513.9         | 1,527.2         | 1,557.8         | 3,320.1         | 5,658.9         |
| Malaysia          | 37.2            | 39.1            | 41.0            | -               | 51.9            | 57.1            | 62.8            | 67.3            | 38.5            | 40.4            |
| Myanmar           | 477.7           | 607.1           | 729.9           | 578.6           | 524.2           | 484.9           | 509.3           | 426.3           | 394.6           | 392.9           |
| Philippines       | 2,101.5         | 2,209.7         | 2,223.2         | 2,361.6         | 2,540.3         | 2,714.1         | 2,857.9         | 2,792.0         | 2,634.1         | 2,637.2         |
| Singapore         | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Thailand          | 22,005.7        | 21,912.4        | 24,847.8        | 30,227.5        | 30,022.1        | 32,357.7        | 31,807.5        | 30,935.5        | 31,080.0        | 29,493.3        |
| Viet Nam          | 8,595.6         | 9,875.3         | 9,691.8         | 9,742.5         | 10,211.1        | 10,673.7        | 10,200.9        | 11,263.2        | 10,105.9        | 9,802.7         |
| <b>ASEAN</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> | <b>79,474.5</b> | <b>77,866.0</b> | <b>83,654.3</b> |

Source:

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

Note:

“-” not available at the time of publication

**Table 10.8. Rate of Growth of ASEAN Five Major Food Commodities, 2010-2019**

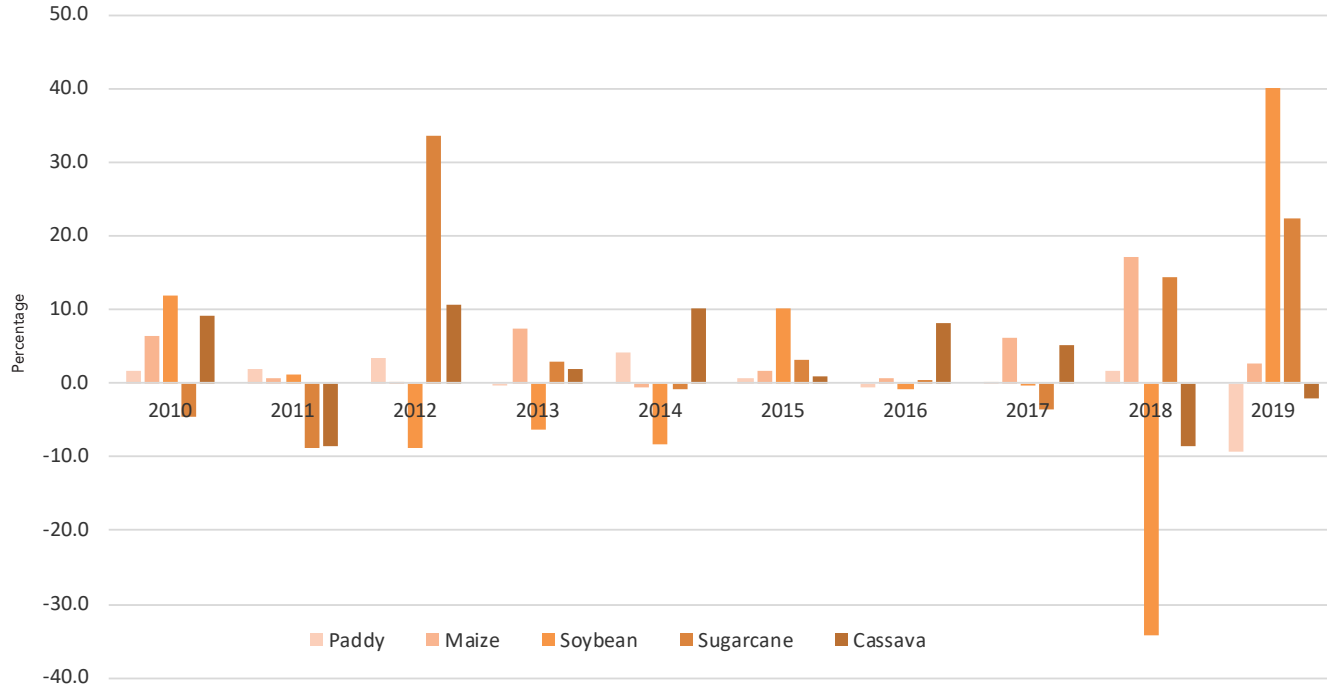
(in percent)

| Products  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015 | 2016  | 2017  | 2018   | 2019  | 2010-2019 |
|-----------|-------|-------|-------|-------|-------|------|-------|-------|--------|-------|-----------|
| Paddy     | 1.7   | 2.0   | 3.3   | (0.3) | 4.1   | 0.6  | (0.6) | 0.0   | 1.6    | (9.2) | 0.1       |
| Maize     | 6.3   | 0.7   | 0.0   | 7.4   | (0.7) | 1.7  | 0.7   | 6.0   | 17.0   | 2.7   | 3.4       |
| Soybean   | 11.8  | 1.1   | (8.8) | (6.4) | (8.3) | 10.1 | (0.8) | (0.1) | (34.2) | 40.0  | (2.2)     |
| Sugarcane | (4.4) | (8.7) | 33.6  | 2.9   | (1.0) | 3.2  | 0.5   | (3.7) | 14.4   | 22.4  | 5.7       |
| Cassava   | 9.2   | (8.6) | 10.6  | 1.9   | 10.1  | 0.8  | 8.3   | 5.2   | (8.6)  | (2.0) | 1.6       |

Source:

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

**Chart 10.3. Rate of Growth of ASEAN Five Major Food Commodities, 2010-2019**



Source: AFSIS

**Table 10.9. Production of Selected Agricultural Products in ASEAN, 2017**

(in thousand metric ton)

| Products                   | Brunei Darussalam | Cambodia        | Indonesia        | Lao PDR        | Malaysia         | Myanmar         | Philippines     | Singapore  | Thailand        | Viet Nam        | Total            |
|----------------------------|-------------------|-----------------|------------------|----------------|------------------|-----------------|-----------------|------------|-----------------|-----------------|------------------|
| <b>Cereals, Total</b>      | <b>1.5</b>        | <b>11,100.0</b> | <b>110,072.6</b> | <b>5,232.3</b> | <b>2,974.5</b>   | <b>28,119.0</b> | <b>27,191.8</b> | -          | <b>38,015.5</b> | <b>47,877.2</b> | <b>270,584.5</b> |
| Wheat                      | -                 | -               | -                | -              | -                | 123.3           | -               | -          | 1.3             | -               | 124.6            |
| Coconuts                   | 0.4               | 69.1            | 18,747.0         | -              | 517.6            | 546.0           | 14,049.1        | 0.1        | 895.0           | 1,499.2         | 36,323.5         |
| <b>Total Fruit Primary</b> | <b>8.1</b>        | <b>383.4</b>    | <b>19,508.5</b>  | <b>1,313.2</b> | <b>1,283.8</b>   | <b>2,602.2</b>  | <b>16,711.0</b> | <b>0.0</b> | <b>11,261.9</b> | <b>8,872.9</b>  | <b>61,945.0</b>  |
| Bananas                    | 1.8               | 144.1           | 7,162.7          | 946.8          | 350.5            | -               | 6,041.4         | -          | 1,000.0         | 2,045.4         | 17,692.7         |
| Mangoes                    | -                 | 68.2            | 2,566.0          | 5.0            | 113.8            | 1.4             | 749.0           | -          | 3,803.2         | 744.4           | 8,051.0          |
| Citrus Fruit               | 0.5               | 72.4            | 2,295.3          | 98.2           | 37.0             | -               | 160.4           | -          | 980.6           | 1,336.7         | 4,981.1          |
| <b>Other Crops</b>         |                   |                 |                  |                |                  |                 |                 |            |                 |                 |                  |
| Coffee, Green              | -                 | 0.4             | 668.7            | 150.8          | 8.1              | 8.5             | 62.1            | -          | 34.3            | 1,542.4         | 2,475.3          |
| Tea                        | -                 | -               | 139.4            | 7.7            | 10.4             | 104.7           | -               | -          | 48.0            | 260.0           | 570.2            |
| Cocoa beans                | -                 | -               | 659.8            | -              | 1.0              | -               | 7.0             | -          | 0.1             | -               | 667.9            |
| <b>Natural Rubber</b>      | <b>0.3</b>        | <b>22.1</b>     | <b>3,629.5</b>   | -              | <b>740.1</b>     | <b>208.4</b>    | <b>407.0</b>    | -          | <b>4,600.0</b>  | <b>1,094.5</b>  | <b>10,701.9</b>  |
| <b>Palm Oil Fruit</b>      | -                 | <b>160.0</b>    | <b>114,617.3</b> | -              | <b>101,740.9</b> | -               | <b>474.8</b>    | -          | <b>14,600.0</b> | -               | <b>231,593.0</b> |
| <b>Sweet Potatoes</b>      | <b>0.3</b>        | <b>42.7</b>     | <b>1,914.2</b>   | <b>110.1</b>   | <b>41.2</b>      | <b>63.0</b>     | <b>537.3</b>    | -          | -               | <b>1,352.5</b>  | <b>4,061.5</b>   |
| <b>Groundnuts</b>          | -                 | <b>20.0</b>     | <b>495.4</b>     | <b>49.1</b>    | <b>0.2</b>       | <b>1,582.7</b>  | <b>29.4</b>     | -          | <b>32.0</b>     | <b>459.8</b>    | <b>2,668.7</b>   |

Source:  
FAOSTAT database

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

**Table 10.10. Production of Selected Agricultural Products in ASEAN, 2018**

(in thousand metric ton)

| Products                   | Brunei Darussalam | Cambodia        | Indonesia        | Lao PDR        | Malaysia        | Myanmar         | Philippines     | Singapore  | Thailand        | Viet Nam        | Total            |
|----------------------------|-------------------|-----------------|------------------|----------------|-----------------|-----------------|-----------------|------------|-----------------|-----------------|------------------|
| <b>Cereals, Total</b>      | <b>1.6</b>        | <b>11,251.5</b> | <b>113,290.9</b> | <b>4,566.4</b> | <b>2,795.3</b>  | <b>28,014.1</b> | <b>26,838.6</b> | -          | <b>37,564.6</b> | <b>48,923.7</b> | <b>273,246.7</b> |
| Wheat                      | -                 | -               | -                | -              | -               | 134.4           | -               | -          | 1.4             | -               | 135.7            |
| Coconuts                   | 0.4               | 69.4            | 18,555.4         | -              | 519.2           | 557.2           | 14,726.2        | 0.1        | 885.8           | 1,571.7         | 36,885.3         |
| <b>Total Fruit Primary</b> | <b>8.2</b>        | <b>386.1</b>    | <b>20,436.4</b>  | <b>1,414.6</b> | <b>1,229.8</b>  | <b>2,664.9</b>  | <b>16,766.6</b> | <b>0.0</b> | <b>11,325.6</b> | <b>9,240.7</b>  | <b>63,472.9</b>  |
| Bananas                    | 1.8               | 144.4           | 7,264.4          | 971.0          | 376.6           | -               | 6,144.4         | -          | 1,045.4         | 2,087.3         | 18,035.2         |
| Mangoes                    | -                 | 69.8            | 3,083.6          | 5.1            | 67.1            | 1.4             | 725.1           | -          | 3,791.2         | 779.3           | 8,522.7          |
| Citrus Fruit               | 0.5               | 72.6            | 2,510.4          | 100.3          | 36.7            | -               | 155.7           | -          | 1,009.7         | 1,510.3         | 5,396.3          |
| <b>Other Crops</b>         |                   |                 |                  |                |                 |                 |                 |            |                 |                 |                  |
| Coffee, Green              | -                 | 0.4             | 722.5            | 154.4          | 8.7             | 8.6             | 60.3            | -          | 32.7            | 1,616.3         | 2,603.9          |
| Tea                        | -                 | -               | 141.3            | 8.1            | 10.9            | 109.0           | -               | -          | 50.6            | 270.0           | 589.9            |
| Cocoa beans                | -                 | -               | 593.8            | -              | 1.5             | -               | 8.0             | -          | 0.1             | -               | 603.4            |
| <b>Natural Rubber</b>      | <b>0.3</b>        | <b>21.9</b>     | <b>3,630.3</b>   | -              | <b>782.0</b>    | <b>212.9</b>    | <b>423.4</b>    | -          | <b>4,744.3</b>  | <b>1,137.7</b>  | <b>10,952.7</b>  |
| <b>Palm Oil Fruit</b>      | -                 | <b>160.0</b>    | <b>115,267.5</b> | -              | <b>98,419.4</b> | -               | <b>500.5</b>    | -          | <b>15,400.0</b> | -               | <b>229,747.4</b> |
| <b>Sweet Potatoes</b>      | <b>0.3</b>        | <b>43.0</b>     | <b>1,806.4</b>   | <b>124.5</b>   | <b>38.7</b>     | <b>63.4</b>     | <b>525.6</b>    | -          | -               | <b>1,374.7</b>  | <b>3,976.5</b>   |
| <b>Groundnuts</b>          | -                 | <b>20.0</b>     | <b>457.0</b>     | <b>48.9</b>    | <b>0.3</b>      | <b>1,599.1</b>  | <b>29.4</b>     | -          | <b>32.0</b>     | <b>456.8</b>    | <b>2,643.5</b>   |

Source:  
FAOSTAT database

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

**Table 10.11. Livestock and Poultry Population in ASEAN, 2015-2018**

(head/thousand head)

| Animal Type                               | Brunei Darussalam | Cambodia    | Indonesia    | Lao PDR     | Malaysia    | Myanmar      | Philippines  | Singapore | Thailand    | Viet Nam     | ASEAN        |
|---|-------------------|-------------|--------------|-------------|-------------|--------------|--------------|-----------|-------------|--------------|--------------|
| <b>2018</b>                               |                   |             |              |             |             |              |              |           |             |              |              |
| <b>Livestock Population (Head)</b>        |                   |             |              |             |             |              |              |           |             |              |              |
| Buffaloes                                 | 2,942.0           | 660,424.0   | 1,395,191.0  | 1,189,000.0 | 119,264.0   | 3,747,493.0  | 2,881,894.0  | -         | 1,253,518.0 | 2,491,662.0  | 13,741,388.0 |
| Cattle                                    | 770.0             | 2,899,347.0 | 16,599,247.0 | 1,984,000.0 | 744,174.0   | 17,148,450.0 | 2,547,614.0  | 180.0     | 4,680,000.0 | 5,654,901.0  | 52,258,683.0 |
| Goats                                     | 8,689.0           | -           | 18,410,379.0 | 588,000.0   | 431,258.0   | 4,538,790.0  | 3,710,348.0  | 733.0     | 467,502.0   | 2,556,268.0  | 30,711,967.0 |
| Pigs                                      | 1,300.0           | 1,955,321.0 | 8,138,276.0  | 3,869,000.0 | 1,647,594.0 | 13,145,991.0 | 12,427,790.0 | -         | 7,882,009.0 | 27,406,739.0 | 76,474,020.0 |
| Sheep                                     | 4,538.0           | -           | 16,462,274.0 | -           | 137,872.0   | 1,314,303.0  | 30,000.0     | -         | 40,984.0    | -            | 17,989,971.0 |
| <b>Poultry Population (Thousand Head)</b> |                   |             |              |             |             |              |              |           |             |              |              |
| Chicken                                   | 17,051.0          | 13,508.0    | 2,175,612.0  | 36,960.0    | 308,255.0   | 313,303.0    | 175,317.0    | 3,669.0   | 277,081.0   | 295,209.0    | 3,615,965.0  |
| Duck                                      | 235.0             | 8,795.0     | 49,709.0     | 3,540.0     | 10,354.0    | 19,236.0     | 10,842.0     | -         | 13,007.0    | 74,948.0     | 190,666.0    |
| <b>2017</b>                               |                   |             |              |             |             |              |              |           |             |              |              |
| <b>Livestock Population (Head)</b>        |                   |             |              |             |             |              |              |           |             |              |              |
| Buffaloes                                 | 2,942.0           | 655,498.0   | 1,395,191.0  | 1,189,000.0 | 119,264.0   | 3,746,870.0  | 2,881,894.0  | -         | 996,307.0   | 2,491,662.0  | 13,478,628.0 |
| Cattle                                    | 770.0             | 2,962,211.0 | 16,599,247.0 | 1,984,000.0 | 744,174.0   | 17,147,467.0 | 2,547,614.0  | 174.0     | 4,680,000.0 | 5,654,901.0  | 52,320,558.0 |
| Goats                                     | 7,283.0           | -           | 18,410,379.0 | 588,000.0   | 431,258.0   | 8,132,928.0  | 3,710,348.0  | 735.0     | 469,399.0   | 2,556,268.0  | 34,306,598.0 |
| Pigs                                      | 1,300.0           | 1,926,137.0 | 8,138,276.0  | 3,869,000.0 | 1,647,594.0 | 17,999,257.0 | 12,427,790.0 | -         | 7,872,047.0 | 27,406,739.0 | 81,288,140.0 |
| Sheep                                     | 4,528.0           | -           | 16,462,274.0 | -           | 137,872.0   | 1,653,994.0  | 30,000.0     | -         | 40,918.0    | -            | 18,329,586.0 |
| <b>Poultry Population (Thousand Head)</b> |                   |             |              |             |             |              |              |           |             |              |              |
| Chicken                                   | 17,051.0          | 13,827.0    | 2,175,612.0  | 36,960.0    | 308,255.0   | 312,554.0    | 175,317.0    | 3,642.0   | 273,545.0   | 295,209.0    | 3,611,972.0  |
| Duck                                      | 236.0             | 8,827.0     | 49,709.0     | 3,566.0     | 10,354.0    | 24,823.0     | 10,842.0     | -         | 12,890.0    | 74,948.0     | 196,195.0    |

**Table 10.11. Livestock and Poultry Population in ASEAN, 2015-2018 (Continued)**

(head/thousand head)

| Animal Type                               | Brunei Darussalam | Cambodia    | Indonesia    | Lao PDR     | Malaysia    | Myanmar      | Philippines  | Singapore | Thailand    | Viet Nam     | ASEAN        |
|---|-------------------|-------------|--------------|-------------|-------------|--------------|--------------|-----------|-------------|--------------|--------------|
| <b>2016</b>                               |                   |             |              |             |             |              |              |           |             |              |              |
| <b>Livestock Population (Head)</b>        |                   |             |              |             |             |              |              |           |             |              |              |
| Buffaloes                                 | 1,916.0           | 681,980.0   | 1,386,280.0  | 1,177,000.0 | 118,608.0   | 3,641,079.0  | 2,864,039.0  | -         | 886,796.0   | 2,519,411.0  | 13,277,109.0 |
| Cattle                                    | 722.0             | 2,882,660.0 | 16,092,561.0 | 1,923,000.0 | 748,483.0   | 16,570,928.0 | 2,552,770.0  | 174.0     | 5,466,839.0 | 5,496,557.0  | 51,734,694.0 |
| Goats                                     | 7,465.0           | -           | 19,608,181.0 | 560,000.0   | 446,854.0   | 7,289,158.0  | 3,608,919.0  | 739.0     | 470,905.0   | 2,163,003.0  | 34,155,224.0 |
| Pigs                                      | 1,250.0           | 2,182,494.0 | 8,114,488.0  | 3,700,000.0 | 2,304,261.0 | 16,524,336.0 | 12,199,442.0 | -         | 7,940,843.0 | 29,075,315.0 | 82,042,429.0 |
| Sheep                                     | 4,382.0           | -           | 18,065,553.0 | -           | 145,999.0   | 1,496,476.0  | 30,000.0     | -         | 40,274.0    | -            | 19,782,684.0 |
| <b>Poultry Population (Thousand Head)</b> |                   |             |              |             |             |              |              |           |             |              |              |
| Chicken                                   | 20,080.0          | 13,250.0    | 2,053,397.0  | 35,150.0    | 305,058.0   | 296,267.0    | 183,429.0    | 3,650.0   | 272,319.0   | 277,189.0    | 3,459,789.0  |
| Duck                                      | 235.0             | 8,343.0     | 47,360.0     | 3,530.0     | 10,656.0    | 23,627.0     | 10,329.0     | -         | 13,711.0    | 71,286.0     | 189,077.0    |
| <b>2015</b>                               |                   |             |              |             |             |              |              |           |             |              |              |
| <b>Livestock Population (Head)</b>        |                   |             |              |             |             |              |              |           |             |              |              |
| Buffaloes                                 | 2,327.0           | 682,000.0   | 1,346,917.0  | 1,165,000.0 | 118,569.0   | 3,531,898.0  | 2,854,838.0  | -         | 762,915.0   | 2,524,000.0  | 12,988,464.0 |
| Cattle                                    | 742.0             | 2,875,000.0 | 15,419,718.0 | 1,828,000.0 | 742,338.0   | 15,993,276.0 | 2,534,243.0  | 178.0     | 4,646,092.0 | 5,367,200.0  | 49,406,787.0 |
| Goats                                     | 7,101.0           | -           | 19,012,794.0 | 533,000.0   | 431,651.0   | 6,324,762.0  | 3,674,186.0  | 691.0     | 446,639.0   | 1,777,644.0  | 32,208,468.0 |
| Pigs                                      | 1,259.0           | 2,180,000.0 | 7,808,087.0  | 3,258,000.0 | 2,286,823.0 | 15,055,885.0 | 11,999,722.0 | -         | 7,638,977.0 | 27,750,700.0 | 77,979,453.0 |
| Sheep                                     | 4,109.0           | -           | 17,024,685.0 | -           | 147,033.0   | 1,321,424.0  | 30,000.0     | -         | 43,153.0    | -            | 18,570,404.0 |
| <b>Poultry Population (Thousand Head)</b> |                   |             |              |             |             |              |              |           |             |              |              |
| Chicken                                   | 20,779.0          | 13,000.0    | 1,968,641.0  | 34,422.0    | 286,621.0   | 318,530.0    | 176,469.0    | 3,534.0   | 273,643.0   | 259,295.0    | 3,354,934.0  |
| Duck                                      | 230.0             | 8,300.0     | 45,322.0     | 3,534.0     | 9,897.0     | 23,662.0     | 10,067.0     | -         | 15,073.0    | 69,547.0     | 185,632.0    |

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

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

**Table 10.12. Livestock and Poultry Meat Production in ASEAN, 2015-2018**

(in thousand metric ton)

| Animal Type                  | Brunei Darussalam | Cambodia     | Indonesia      | Lao PDR      | Malaysia       | Myanmar        | Philippines    | Singapore    | Thailand       | Viet Nam       | ASEAN           |
|------------------------------|-------------------|--------------|----------------|--------------|----------------|----------------|----------------|--------------|----------------|----------------|-----------------|
| <b>2018</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.7               | 66.7         | 563.2          | 53.4         | 51.3           | 469.9          | 310.7          | 0.0          | 151.7          | 426.6          | 2,094.2         |
| Pig meat                     | 0.1               | 86.5         | 327.2          | 70.3         | 186.0          | 1,063.1        | 1,873.1        | 18.5         | 999.2          | 3,816.4        | 8,440.4         |
| Mutton and Goat Meat         | 0.1               | -            | 115.5          | 2.0          | 3.2            | 99.5           | 60.7           | 0.0          | 2.1            | 9.0            | 292.0           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 25.3              | 27.3         | 2,588.2        | 30.8         | 1,873.0        | 1,896.4        | 1,379.8        | 106.8        | 1,779.8        | 947.0          | 10,654.4        |
| <b>Total meat production</b> | <b>26.1</b>       | <b>180.5</b> | <b>3,594.1</b> | <b>156.5</b> | <b>2,113.5</b> | <b>3,528.8</b> | <b>3,624.3</b> | <b>125.3</b> | <b>2,932.9</b> | <b>5,199.0</b> | <b>21,481.0</b> |
| <b>2017</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.9               | 67.5         | 564.0          | 54.4         | 49.6           | 479.6          | 311.0          | 0.0          | 135.2          | 409.6          | 2,071.9         |
| Pig meat                     | 0.1               | 96.3         | 344.2          | 69.9         | 194.4          | 922.7          | 1,837.2        | 20.7         | 994.4          | 3,733.3        | 8,213.3         |
| Mutton and Goat Meat         | 0.1               | -            | 124.8          | 1.9          | 4.6            | 97.8           | 60.0           | 0.0          | 2.1            | 9.3            | 300.7           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 23.3              | 27.5         | 2,301.4        | 30.6         | 1,724.4        | 1,653.4        | 1,302.0        | 100.4        | 1,788.3        | 891.6          | 9,842.8         |
| <b>Total meat production</b> | <b>23.8</b>       | <b>192.9</b> | <b>3,279.7</b> | <b>176.7</b> | <b>1,971.5</b> | <b>3,186.4</b> | <b>3,481.5</b> | <b>118.4</b> | <b>2,734.9</b> | <b>5,077.3</b> | <b>20,242.9</b> |



**Table 10.12. Livestock and Poultry Meat Production in ASEAN, 2015-2018 (Continued)**

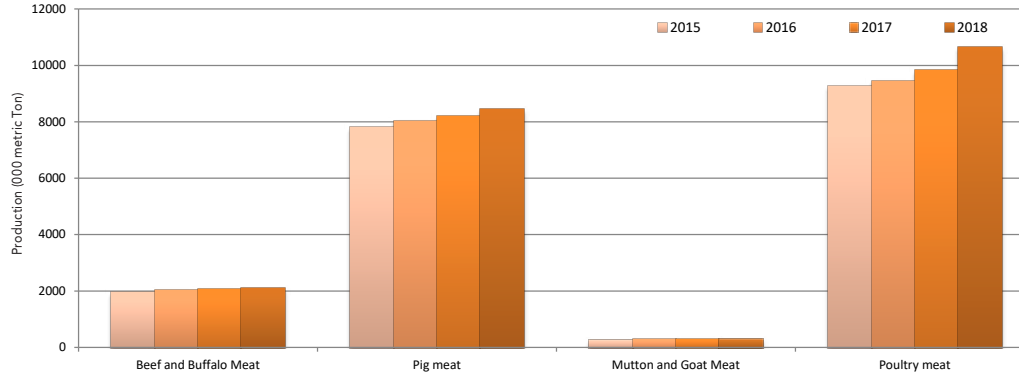
(in thousand metric ton)

| Animal Type                  | Brunei Darussalam | Cambodia     | Indonesia      | Lao PDR      | Malaysia       | Myanmar        | Philippines    | Singapore    | Thailand       | Viet Nam       | ASEAN           |
|------------------------------|-------------------|--------------|----------------|--------------|----------------|----------------|----------------|--------------|----------------|----------------|-----------------|
| <b>2016</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.4               | 65.0         | 561.1          | 53.5         | 50.2           | 449.4          | 305.1          | 0.0          | 144.8          | 395.2          | 2,024.7         |
| Pig meat                     | 0.0               | 111.1        | 342.3          | 82.7         | 218.3          | 874.0          | 1,790.1        | 18.9         | 944.6          | 3,664.6        | 8,046.6         |
| Mutton and Goat Meat         | 0.1               | -            | 114.8          | 2.2          | 4.5            | 93.0           | 57.9           | 0.0          | 2.0            | 13.3           | 287.8           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 27.4              | 27.0         | 2,147.2        | 31.9         | 1,671.4        | 1,662.6        | 1,238.2        | 100.1        | 1,670.5        | 868.0          | 9,444.3         |
| <b>Total meat production</b> | <b>27.9</b>       | <b>203.1</b> | <b>3,165.5</b> | <b>170.3</b> | <b>1,944.4</b> | <b>3,079.0</b> | <b>3,391.3</b> | <b>119.1</b> | <b>2,761.8</b> | <b>4,941.1</b> | <b>19,803.5</b> |
| <b>2015</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.5               | 64.7         | 542.1          | 52.7         | 50.5           | 402.2          | 304.7          | 0.0          | 156.4          | 385.5          | 1,959.2         |
| Pig meat                     | 0.1               | 110.5        | 330.2          | 72.7         | 219.1          | 863.2          | 1,775.7        | 17.9         | 938.6          | 3,491.6        | 7,819.6         |
| Mutton and Goat Meat         | 0.1               | -            | 109.5          | 2.2          | 4.4            | 89.1           | 56.8           | 0.0          | 1.9            | 12.2           | 276.2           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 28.3              | 26.3         | 2,065.7        | 31.3         | 1,633.4        | 1,648.0        | 1,222.0        | 83.6         | 1,703.2        | 823.2          | 9,265.0         |
| <b>Total meat production</b> | <b>28.8</b>       | <b>201.5</b> | <b>3,047.5</b> | <b>158.9</b> | <b>1,907.4</b> | <b>3,002.6</b> | <b>3,359.3</b> | <b>101.5</b> | <b>2,800.1</b> | <b>4,712.5</b> | <b>19,320.0</b> |

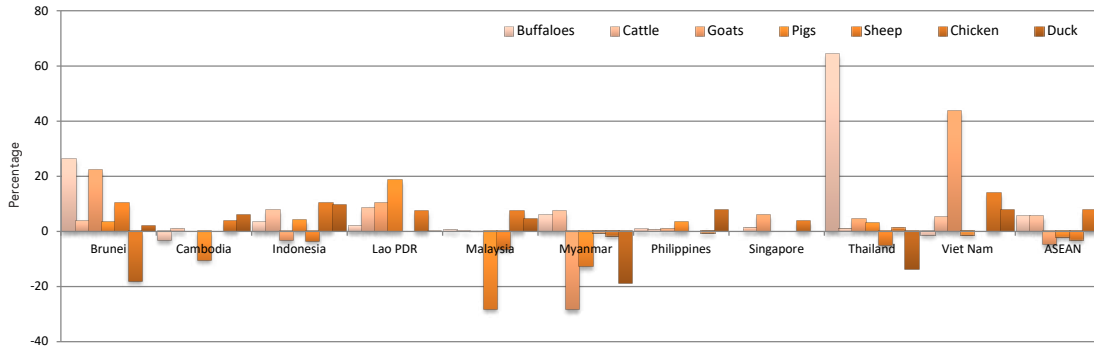
Source:  
FAO database, <http://faostat.fao.org/>

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

**Chart 10.4. Trend of Livestock and Poultry Meat Production in ASEAN, 2015-2018**



**Chart 10.5. Growth Rate of Livestock and Poultry Population in ASEAN, 2015-2018**



Source: FAO

**Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs, 2010-2019**

(in million US \$)

| No | Description   | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     | 2019     | 2010-2019<br>(% growth) |
|----|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------------|
| 01 | Rice, including husked and broken rice                          | 8,811.4  | 10,559.1 | 8,836.3  | 7,830.5  | 9,050.0  | 8,161.6  | 7,093.2  | 8,911.3  | 9,365.1  | 7,911.2  | (1.1)                   |
| 02 | Banana, fresh   | 339.3    | 524.0    | 678.1    | 1,003.3  | 1,223.3  | 564.6    | 965.1    | 1,475.7  | 1,797.6  | 2,813.1  | 23.6                    |
| 03 | Pineapple Production excluding fresh                            | 735.3    | 1,073.3  | 942.9    | 848.2    | 888.3    | 1,139.9  | 1,135.2  | 1,088.6  | 757.7    | 711.4    | (0.3)                   |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 197.0    | 300.9    | 362.5    | 510.3    | 615.8    | 508.2    | 662.9    | 946.7    | 962.7    | 1,495.1  | 22.5                    |
| 05 | Oil of palm   | 26,049.4 | 35,344.4 | 33,546.8 | 28,768.7 | 29,859.8 | 25,030.9 | 23,608.7 | 28,570.5 | 25,574.9 | 23,223.0 | (1.1)                   |
| 06 | Coconut oil   | 1,987.2  | 2,644.7  | 2,165.9  | 1,624.1  | 2,413.6  | 2,167.4  | 2,179.9  | 2,590.6  | 1,957.6  | 1,561.8  | (2.4)                   |
| 07 | Cake of coconuts  | 106.9    | 97.5     | 187.3    | 290.4    | 178.0    | 120.8    | 96.1     | 102.2    | 120.2    | 102.2    | (0.5)                   |
| 08 | Soybeans  | 15.4     | 22.1     | 23.8     | 20.8     | 50.5     | 20.8     | 23.2     | 20.4     | 11.1     | 14.6     | (0.5)                   |
| 09 | Sugar and honey   | 3,363.4  | 5,508.0  | 2,736.1  | 2,974.9  | 2,663.4  | 2,905.1  | 3,608.7  | 3,455.8  | 2,998.9  | 2,704.2  | (2.2)                   |
| 10 | Coffee, green, husk, roasted                                    | 2,475.4  | 3,941.9  | 4,312.3  | 3,546.5  | 4,006.1  | 3,532.1  | 4,050.4  | 4,076.7  | 3,876.5  | 3,238.7  | 2.7                     |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 4,881.3  | 5,379.2  | 4,812.5  | 5,164.7  | 5,966.0  | 4,341.0  | 4,850.0  | 5,882.1  | 5,199.0  | 5,176.5  | 0.6                     |
| 12 | Tobacco   | 2,193.0  | 2,452.2  | 2,512.7  | 2,801.2  | 3,070.9  | 3,197.7  | 3,186.4  | 3,173.2  | 3,374.8  | 3,583.6  | 5.0                     |
| 13 | Crude Rubber  | 20,870.4 | 32,785.6 | 22,399.2 | 20,400.2 | 14,200.6 | 11,290.4 | 10,087.9 | 13,999.5 | 10,966.6 | 10,382.5 | (6.7)                   |
| 14 | Fertilizers, manufactured                                       | 1,161.3  | 1,791.7  | 1,886.3  | 1,947.1  | 1,638.3  | 1,234.9  | 1,108.7  | 1,407.5  | 1,678.6  | 1,818.4  | 4.6                     |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 41.5     | 42.9     | 45.3     | 82.3     | 68.7     | 78.9     | 68.9     | 81.9     | 88.8     | 89.4     | 8.0                     |

Source:  
ASEAN Secretariat

**Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs, 2010-2019**

(in million US \$)

| No | Description   | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2010-2019<br>(% growth) |
|----|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------------|
| 01 | Rice, including husked and broken rice                          | 2,872.7 | 2,922.2 | 2,359.2 | 1,320.8 | 1,768.3 | 1,708.4 | 1,497.2 | 1,189.3 | 2,821.1 | 2,148.8 | (2.9)                   |
| 02 | Banana, fresh   | 23.7    | 25.9    | 32.5    | 40.4    | 45.9    | 48.2    | 50.4    | 57.6    | 73.1    | 103.3   | 15.9                    |
| 03 | Pineapple Production excluding fresh                            | 9.2     | 12.0    | 11.3    | 12.3    | 12.8    | 14.5    | 17.5    | 17.2    | 11.3    | 10.6    | 1.5                     |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 130.4   | 140.6   | 181.0   | 248.9   | 310.0   | 259.5   | 298.8   | 473.4   | 459.0   | 439.4   | 12.9                    |
| 05 | Oil of palm   | 2,172.8 | 3,746.0 | 3,259.6 | 1,660.6 | 1,509.9 | 1,569.2 | 1,118.5 | 1,264.1 | 1,383.5 | 1,465.0 | (3.9)                   |
| 06 | Coconut oil   | 257.6   | 335.3   | 286.5   | 175.8   | 289.2   | 278.0   | 286.7   | 295.9   | 287.5   | 232.8   | (1.0)                   |
| 07 | Cake of coconuts  | 21.2    | 30.5    | 35.1    | 40.1    | 19.4    | 25.5    | 20.6    | 28.4    | 21.0    | 17.1    | (2.1)                   |
| 08 | Soybeans  | 2,123.8 | 3,280.4 | 3,317.1 | 3,275.1 | 3,492.3 | 3,292.2 | 3,237.2 | 3,393.6 | 3,225.9 | 3,421.6 | 4.9                     |
| 09 | Sugar and honey   | 3,458.0 | 4,220.8 | 1,481.5 | 1,506.5 | 1,548.7 | 1,982.1 | 3,822.7 | 2,602.6 | 2,431.6 | 2,035.9 | (5.2)                   |
| 10 | Coffee, green, husk, roasted                                    | 268.4   | 464.2   | 553.2   | 500.4   | 505.0   | 506.0   | 548.3   | 625.7   | 775.7   | 665.5   | 9.5                     |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 458.0   | 670.8   | 669.4   | 766.1   | 1,108.3 | 888.1   | 851.6   | 1,113.8 | 1,112.2 | 1,060.3 | 8.8                     |
| 12 | Tobacco   | 2,086.7 | 2,436.0 | 2,669.3 | 2,830.9 | 2,737.6 | 2,562.8 | 2,738.3 | 2,857.9 | 3,194.4 | 2,878.4 | 3.3                     |
| 13 | Crude Rubber  | 2,472.9 | 3,233.7 | 3,165.2 | 2,884.9 | 2,101.7 | 1,628.8 | 1,484.1 | 2,299.6 | 1,796.5 | 1,863.1 | (2.8)                   |
| 14 | Fertilizers, manufactured                                       | 6,701.6 | 9,511.3 | 9,599.2 | 8,401.4 | 7,594.0 | 7,334.5 | 6,044.4 | 6,570.7 | 6,817.7 | 6,223.0 | (0.7)                   |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 81.5    | 109.5   | 123.8   | 119.4   | 124.6   | 115.8   | 119.7   | 147.9   | 165.2   | 210.8   | 10.0                    |

Source:  
ASEAN Secretariat

**Table 10.15. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018**

(in million US \$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total    |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|----------|
| 01 | Rice, including husked and broken rice                          | 1.8               | 1.5      | 410.7     | 31.4    | 921.8    | 8.5     | 0.6         | 23.7      | 5,344.0  | 2,621.4  | 9,365.4  |
| 02 | Banana, fresh   | -                 | 14.6     | 17.7      | 112.1   | 131.8    | 8.4     | 1,382.2     | 0.0       | 26.4     | 104.3    | 1,797.5  |
| 03 | Pineapple Production excluding fresh                            | 0.0               | 157.4    | -         | -       | -        | 3.1     | 193.1       | 6.0       | 383.2    | 14.9     | 757.7    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 0.1               | 43.0     | 3.0       | 15.1    | 12.1     | 26.5    | 234.5       | 4.8       | 289.6    | 333.9    | 962.7    |
| 05 | Oil of palm   | 0.0               | 16,530.2 | 20.7      | -       | -        | 8,694.8 | 21.6        | 40.2      | 222.3    | 45.0     | 25,574.9 |
| 06 | Coconut oil   | 0.0               | 722.7    | -         | -       | 0.0      | 161.4   | 1,011.5     | 22.4      | 8.8      | 30.8     | 1,957.6  |
| 07 | Cake of coconuts  | -                 | 51.3     | -         | -       | -        | 0.6     | 66.3        | 0.0       | 1.1      | 0.9      | 120.2    |
| 08 | Soybeans  | 0.0               | 0.5      | -         | 1.4     | 0.7      | 5.8     | 0.0         | 0.2       | 1.9      | 0.7      | 11.1     |
| 09 | Sugar and honey   | 0.1               | 264.9    | 60.3      | 48.9    | 511.9    | 194.8   | 51.3        | 92.0      | 1,588.8  | 189.1    | 3,002.0  |
| 10 | Coffee, green, husk, roasted                                    | 0.0               | 815.1    | 0.0       | 96.7    | 2.7      | 15.6    | 0.1         | 50.8      | 4.2      | 2,891.2  | 3,876.5  |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 2.8               | 1,479.5  | 0.5       | -       | 186.4    | 260.4   | 110.2       | 17.4      | 1,018.6  | 2,122.9  | 5,198.9  |
| 12 | Tobacco   | -                 | 1,126.3  | 32.1      | 71.2    | 55.5     | 154.9   | 444.6       | 1,083.9   | 163.8    | 242.4    | 3,374.8  |
| 13 | Crude Rubber  | -                 | 3,951.5  | 218.1     | 168.2   | 183.8    | 936.6   | 75.4        | 73.5      | 4,405.8  | 953.7    | 10,966.6 |
| 14 | Fertilizers, manufactured                                       | 0.0               | 395.3    | 0.2       | 118.8   | 0.0      | 622.2   | 27.8        | 16.8      | 231.7    | 265.8    | 1,678.6  |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | -                 | 11.9     | 0.1       | -       | 0.0      | 17.7    | -           | 18.1      | 38.6     | 2.4      | 88.8     |

Source:  
ASEAN Secretariat

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

**Table 10.16. ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2018**

(in million US \$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total   |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|---------|
| 01 | Rice, including husked and broken rice                          | 33.9              | 1,188.7  | 10.9      | 27.6    | 3.5      | 406.3   | 870.0       | 223.9     | 9.6      | 46.6     | 2,821.1 |
| 02 | Banana, fresh   | 2.8               | 0.0      | -         | 0.0     | 0.0      | 9.0     | 0.0         | 32.9      | 0.2      | 28.1     | 73.1    |
| 03 | Pineapple Production excluding fresh                            | 0.3               | 0.1      | 0.0       | 0.0     | 0.1      | 2.6     | 0.3         | 7.1       | 0.4      | 0.2      | 11.3    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 5.9               | 64.9     | 0.8       | 15.3    | 0.3      | 85.4    | 0.7         | 73.6      | 22.6     | 189.5    | 459.0   |
| 05 | Oil of palm   | 2.9               | 1.0      | 3.6       | 0.9     | 9.3      | 452.8   | 197.6       | 172.9     | 1.1      | 541.5    | 1,383.5 |
| 06 | Coconut oil   | 0.0               | 17.5     | 0.1       | 0.0     | 0.1      | 198.6   | 0.5         | 57.2      | 6.6      | 6.8      | 287.5   |
| 07 | Cake of coconuts  | -                 | 0.2      | 0.1       | 0.3     | -        | 0.4     | -           | 0.3       | 0.0      | 19.7     | 21.0    |
| 08 | Soybeans  | 0.5               | 1,201.2  | 0.0       | 0.0     | 4.7      | 305.7   | 90.4        | 13.9      | 838.2    | 771.1    | 3,225.9 |
| 09 | Sugar and honey   | 9.7               | 367.1    | 36.8      | 50.9    | 594.3    | 231.7   | 481.9       | 276.0     | 139.2    | 244.2    | 2,431.6 |
| 10 | Coffee, green, husk, roasted                                    | 0.5               | 164.0    | 3.7       | 0.3     | 1.2      | 248.4   | 93.8        | 74.7      | 102.3    | 86.8     | 775.7   |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 6.5               | 88.0     | 0.3       | 0.0     | 1.2      | 140.1   | 30.7        | 193.1     | 180.9    | 471.2    | 1,112.2 |
| 12 | Tobacco   | 0.0               | 826.3    | 269.5     | 41.9    | 8.5      | 266.4   | 367.0       | 906.0     | 216.7    | 292.1    | 3,194.4 |
| 13 | Crude Rubber  | 0.0               | 57.8     | 3.9       | 1.7     | 0.5      | 1,315.8 | 33.4        | 64.2      | 1.8      | 317.3    | 1,796.5 |
| 14 | Fertilizers, manufactured                                       | 1.5               | 1,858.2  | 214.1     | 65.4    | 352.4    | 1,080.6 | 694.1       | 16.9      | 1,368.7  | 1,165.9  | 6,817.8 |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.2               | 27.3     | 9.1       | 0.2     | 0.6      | 22.2    | -           | 14.7      | 47.0     | 44.1     | 165.2   |

Source:  
ASEAN Secretariat

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

**Table 10.17. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2019**

(in million US \$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total    |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|----------|
| 01 | Rice, including husked and broken rice                          | 0.2               | 0.7      | 420.3     | 19.9    | 782.4    | 10.9    | 0.6         | 35.6      | 4,206.3  | 2,434.3  | 7,911.2  |
| 02 | Banana, fresh   | 0.0               | 11.3     | 49.4      | 193.9   | 396.5    | 7.5     | 1,953.8     | 0.1       | 24.7     | 175.9    | 2,813.1  |
| 03 | Pineapple Production excluding fresh                            | -                 | 162.2    | -         | -       | 0.0      | 4.7     | 187.4       | 5.6       | 337.2    | 14.3     | 711.4    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 0.0               | 57.4     | 3.1       | 21.7    | 20.9     | 17.4    | 390.8       | 5.3       | 636.9    | 341.6    | 1,495.1  |
| 05 | Oil of palm   | 0.1               | 14,633.1 | 24.8      | -       | 0.0      | 8,327.5 | 13.2        | 32.6      | 146.8    | 44.9     | 23,223.0 |
| 06 | Coconut oil   | -                 | 443.3    | -         | -       | 0.0      | 190.2   | 873.5       | 26.2      | 7.5      | 21.1     | 1,561.8  |
| 07 | Cake of coconuts  | -                 | 39.5     | -         | -       | -        | 0.6     | 60.8        | 0.0       | 0.3      | 1.0      | 102.2    |
| 08 | Soybeans  | 0.1               | 1.1      | 0.0       | 1.6     | 1.9      | 6.3     | 0.1         | 0.2       | 1.9      | 1.4      | 14.6     |
| 09 | Sugar and honey   | 0.1               | 282.4    | 51.1      | 106.8   | 21.0     | 227.4   | 44.2        | 74.8      | 1,717.0  | 179.4    | 2,704.2  |
| 10 | Coffee, green, husk, roasted                                    | 0.0               | 882.0    | 0.0       | 64.3    | 2.4      | 26.3    | 0.2         | 41.3      | 4.0      | 2,218.3  | 3,238.7  |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 1.2               | 1,429.0  | 0.1       | -       | 230.2    | 316.9   | 80.4        | 16.0      | 995.5    | 2,107.3  | 5,176.5  |
| 12 | Tobacco   | -                 | 1,152.1  | 29.1      | 73.7    | 60.3     | 131.6   | 471.9       | 1,119.9   | 250.5    | 294.6    | 3,583.6  |
| 13 | Crude Rubber  | -                 | 3,527.1  | 219.4     | 217.5   | 182.4    | 910.5   | 79.1        | 99.1      | 4,142.5  | 1,004.8  | 10,382.5 |
| 14 | Fertilizers, manufactured                                       | 0.0               | 579.3    | 0.0       | 114.9   | 0.1      | 646.5   | 26.7        | 18.8      | 186.0    | 246.1    | 1,818.4  |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.0               | 10.7     | 0.0       | -       | -        | 16.6    | 0.3         | 21.9      | 37.2     | 2.6      | 89.4     |

Source:  
ASEAN Secretariat

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

**Table 10.18. ASEAN Imports of Selected Agricultural Products and Inputs by ASEAN Member States, 2019**

(in million US \$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total   |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|---------|
| 01 | Rice, including husked and broken rice                          | 43.9              | 184.3    | 8.3       | 25.0    | 2.3      | 452.5   | 1,144.7     | 238.7     | 15.8     | 33.4     | 2,148.8 |
| 02 | Banana, fresh   | 3.0               | 0.0      | 0.0       | 0.0     | 0.0      | 14.8    | 0.1         | 31.0      | 4.6      | 49.8     | 103.3   |
| 03 | Pineapple Production excluding fresh                            | 0.2               | 0.2      | 0.0       | 0.0     | 0.0      | 1.9     | 0.2         | 6.6       | 0.9      | 0.4      | 10.6    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 6.0               | 63.1     | 0.8       | 11.6    | 0.4      | 82.4    | 0.5         | 70.2      | 20.7     | 183.6    | 439.4   |
| 05 | Oil of palm   | 1.9               | 45.5     | 3.6       | 4.8     | 84.9     | 549.3   | 68.4        | 173.0     | 2.6      | 530.9    | 1,465.0 |
| 06 | Coconut oil   | 0.1               | 22.2     | 0.0       | 0.0     | 0.1      | 156.4   | 0.5         | 42.6      | 4.7      | 6.2      | 232.8   |
| 07 | Cake of coconuts  | -                 | 0.1      | 0.2       | 0.0     | -        | 0.3     | -           | 0.0       | 0.0      | 16.4     | 17.1    |
| 08 | Soybeans  | 0.6               | 1,064.6  | 0.2       | 0.1     | 6.5      | 313.5   | 79.4        | 14.0      | 1,256.4  | 686.3    | 3,421.6 |
| 09 | Sugar and honey   | 7.9               | 331.4    | 43.7      | 89.2    | 73.0     | 227.7   | 514.5       | 282.7     | 185.6    | 280.2    | 2,035.9 |
| 10 | Coffee, green, husk, roasted                                    | 0.7               | 65.6     | 4.1       | 0.0     | 0.6      | 270.7   | 74.0        | 75.6      | 107.0    | 67.1     | 665.5   |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 8.0               | 90.5     | 0.6       | 0.4     | 1.2      | 153.7   | 25.3        | 201.5     | 239.8    | 339.4    | 1,060.3 |
| 12 | Tobacco   | 0.0               | 635.3    | 208.2     | 48.0    | 10.6     | 249.3   | 270.9       | 896.6     | 315.8    | 243.8    | 2,878.4 |
| 13 | Crude Rubber  | 0.0               | 37.7     | 3.3       | 2.7     | 0.2      | 1,319.2 | 36.8        | 94.4      | 2.7      | 366.1    | 1,863.1 |
| 14 | Fertilizers, manufactured                                       | 0.5               | 1,381.7  | 205.3     | 74.7    | 393.7    | 806.4   | 707.3       | 18.6      | 1,661.7  | 973.1    | 6,223.0 |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.8               | 28.0     | 14.6      | 0.3     | 0.6      | 19.5    | 24.9        | 13.9      | 53.5     | 54.7     | 210.8   |

Source:  
ASEAN Secretariat

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



**Table 10.19. ASEAN Major Markets of Agricultural Export Commodities, 2018-2019**

| Major Markets      | 2018             |              |
|--------------------|------------------|--------------|
|                    | Value (Mn US \$) | Share (%)    |
| ASEAN              | 32,273.5         | 22.7         |
| China              | 21,957.2         | 15.4         |
| USA                | 16,147.6         | 11.4         |
| EU-28              | 15,599.5         | 11.0         |
| Japan              | 10,040.1         | 7.1          |
| India              | 6,696.2          | 4.7          |
| Korea, Republic of | 3,834.5          | 2.7          |
| Australia          | 3,042.9          | 2.1          |
| Pakistan           | 2,603.3          | 1.8          |
| Hong Kong          | 2,527.9          | 1.8          |
| Top 10             | 112,745.0        | 79.3         |
| Others             | 29,423.5         | 20.7         |
| <b>Total</b>       | <b>142,168.5</b> | <b>100.0</b> |

| Major Markets             | 2019             |              |
|---------------------------|------------------|--------------|
|                           | Value (Mn US \$) | Share (%)    |
| ASEAN                     | 33,009.3         | 23.4         |
| China                     | 23,937.5         | 17.0         |
| USA                       | 15,611.9         | 11.1         |
| EU-28                     | 14,479.6         | 10.3         |
| Japan                     | 10,634.1         | 7.5          |
| India                     | 6,216.2          | 4.4          |
| Korea, Republic of        | 3,890.3          | 2.8          |
| Australia                 | 3,065.5          | 2.2          |
| Hong Kong                 | 2,700.8          | 1.9          |
| Taiwan, Province of China | 2,265.1          | 1.6          |
| Top 10                    | 115,527.0        | 81.9         |
| Others                    | 25,499.2         | 18.1         |
| <b>Total</b>              | <b>141,026.2</b> | <b>100.0</b> |

Source:  
ASEAN Secretariat

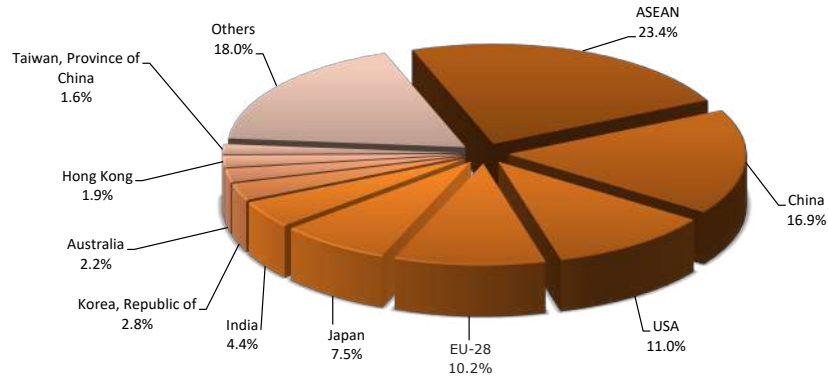
**Table 10.20. ASEAN Major Origin of Agricultural Import Commodities, 2018-2019**

| Major Origin | 2018             |              |
|--------------|------------------|--------------|
|              | Value (Mn US \$) | Share (%)    |
| ASEAN        | 28,245.9         | 27.9         |
| USA          | 12,261.4         | 12.1         |
| China        | 9,829.2          | 9.7          |
| EU-28        | 9,528.9          | 9.4          |
| Australia    | 6,715.4          | 6.6          |
| Argentina    | 5,771.8          | 5.7          |
| Brazil       | 5,088.8          | 5.0          |
| India        | 4,142.4          | 4.1          |
| New Zealand  | 2,917.2          | 2.9          |
| Canada       | 1,643.5          | 1.6          |
| Top 10       | 86,144.6         | 85.1         |
| Others       | 15,044.6         | 14.9         |
| <b>Total</b> | <b>101,189.2</b> | <b>100.0</b> |

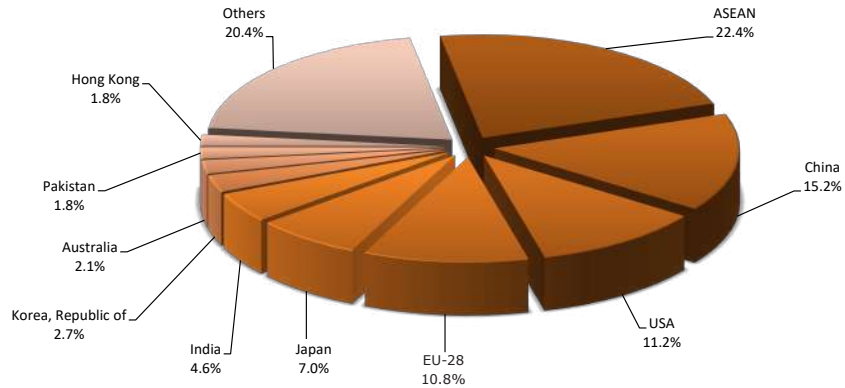
| Major Origin | 2019             |              |
|--------------|------------------|--------------|
|              | Value (Mn US \$) | Share (%)    |
| ASEAN        | 27,553.4         | 26.9         |
| USA          | 12,163.5         | 11.9         |
| China        | 10,863.1         | 10.6         |
| EU-28        | 10,221.8         | 10.0         |
| Argentina    | 6,908.0          | 6.7          |
| Australia    | 6,252.7          | 6.1          |
| Brazil       | 5,246.1          | 5.1          |
| India        | 3,689.5          | 3.6          |
| New Zealand  | 3,071.9          | 3.0          |
| Canada       | 1,767.3          | 1.7          |
| Top 10       | 87,737.2         | 85.6         |
| Others       | 14,811.4         | 14.4         |
| <b>Total</b> | <b>102,548.7</b> | <b>100.0</b> |

Source:  
ASEAN Secretariat

**Chart 10.6. Share of ASEAN Major Markets of Agricultural Export Commodities, 2019**

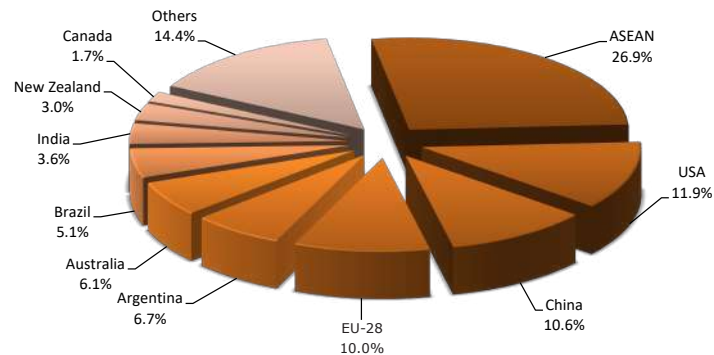


**Chart 10.7. Share of ASEAN Major Markets of Agricultural Export Commodities, 2018**

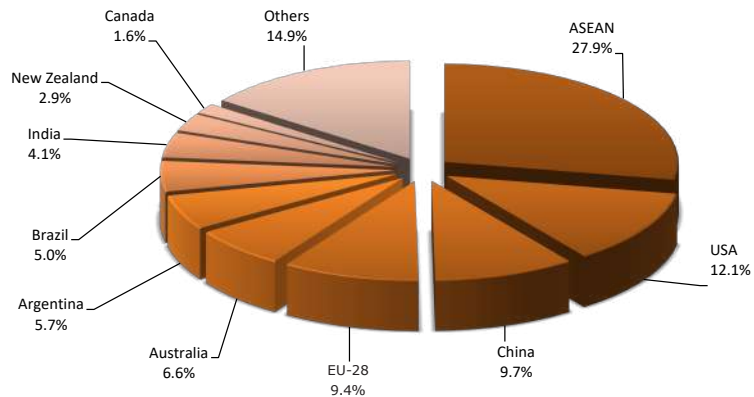


Source: ASEAN Secretariat

**Chart 10.8. Share of ASEAN Major Origin of Agricultural Import Commodities, 2019**



**Chart 10.9. Share of ASEAN Major Origin of Agricultural Import Commodities, 2018**



Source: ASEAN Secretariat

**Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2016-2019**

| Selected Products/<br>2019 Top 3 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Rice, husked and broken</b>             |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,255.5             | 17.6         | 1,055.5             | 11.8         | 2,245.9             | 23.8         | 1,867.0             | 23.4         |
| China                                      | 1,672.5             | 23.4         | 2,293.7             | 25.6         | 1,830.0             | 19.4         | 940.5               | 11.8         |
| USA  | 396.1               | 5.5          | 410.5               | 4.6          | 543.8               | 5.8          | 636.7               | 8.0          |
| Top 3                                      | 3,324.1             | 46.5         | 3,759.7             | 42.0         | 4,619.7             | 49.0         | 3,444.2             | 43.2         |
| <b>Banana, fresh</b>                       |                     |              |                     |              |                     |              |                     |              |
| China                                      | 431.0               | 45.0         | 584.6               | 39.6         | 766.5               | 42.6         | 1,430.2             | 50.8         |
| Japan                                      | 237.8               | 24.8         | 396.6               | 26.9         | 491.6               | 27.3         | 723.7               | 25.7         |
| Korea, Republic of                         | 117.2               | 12.2         | 181.9               | 12.3         | 197.4               | 11.0         | 264.6               | 9.4          |
| Top 3                                      | 786.0               | 82.1         | 1,163.1             | 78.8         | 1,455.5             | 81.0         | 2,418.4             | 86.0         |
| <b>Pineapple products</b>                  |                     |              |                     |              |                     |              |                     |              |
| USA  | 432.4               | 37.1         | 340.1               | 30.5         | 258.2               | 33.2         | 266.0               | 36.5         |
| EU-28                                      | 291.8               | 25.0         | 324.1               | 29.1         | 217.2               | 27.9         | 177.4               | 24.3         |
| China                                      | 18.7                | 1.6          | 20.5                | 1.8          | 23.1                | 3.0          | 30.6                | 4.2          |
| Top 3                                      | 743.0               | 63.8         | 684.7               | 61.5         | 498.5               | 64.0         | 473.9               | 65.0         |
| <b>Palm Oil</b>                            |                     |              |                     |              |                     |              |                     |              |
| India                                      | 5,176.2             | 21.9         | 6,369.2             | 22.3         | 4,943.6             | 19.3         | 4,267.1             | 18.3         |
| China                                      | 2,443.6             | 10.3         | 2,790.3             | 9.7          | 2,738.2             | 10.7         | 3,509.0             | 15.1         |
| EU-28                                      | 3,148.1             | 13.3         | 3,801.9             | 13.3         | 3,348.8             | 13.1         | 2,888.7             | 12.4         |
| Top 3                                      | 10,767.9            | 45.5         | 12,961.4            | 45.3         | 11,030.6            | 43.0         | 10,664.7            | 45.8         |

**Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2016-2019 (Continued)**

| Selected Products/<br>2019 Top 3 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Coconut Oil</b>                         |                     |              |                     |              |                     |              |                     |              |
| EU-28                                      | 696.6               | 31.9         | 952.7               | 36.7         | 637.8               | 32.6         | 524.4               | 33.6         |
| USA  | 695.5               | 31.8         | 776.5               | 29.9         | 586.5               | 29.9         | 414.9               | 26.6         |
| ASEAN                                      | 209.7               | 9.6          | 210.0               | 8.1          | 221.2               | 11.3         | 226.4               | 14.5         |
| Top 3                                      | 1,601.8             | 73.3         | 1,939.2             | 74.8         | 1,445.5             | 73.8         | 1,165.7             | 74.6         |
| <b>Shrimps, prawns, lobster, oth crust</b> |                     |              |                     |              |                     |              |                     |              |
| USA  | 1,719.1             | 34.6         | 1,828.6             | 30.3         | 1,427.0             | 26.7         | 1,411.0             | 26.5         |
| China                                      | 498.7               | 10.0         | 842.6               | 14.0         | 821.5               | 15.4         | 1,067.8             | 20.1         |
| Japan                                      | 888.1               | 17.9         | 1,024.2             | 17.0         | 919.6               | 17.2         | 881.1               | 16.6         |
| Top 3                                      | 3,105.8             | 62.5         | 3,695.4             | 61.3         | 3,168.0             | 59.3         | 3,359.8             | 63.2         |
| <b>Tobacco</b>                             |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 2,200.1             | 68.6         | 2,276.3             | 71.7         | 2,282.3             | 67.6         | 2,387.7             | 66.6         |
| EU-28                                      | 157.5               | 4.9          | 179.6               | 5.7          | 180.9               | 5.4          | 177.6               | 5.0          |
| China                                      | 63.0                | 2.0          | 65.2                | 2.1          | 82.4                | 2.4          | 138.8               | 3.9          |
| Top 3                                      | 2,420.6             | 75.5         | 2,521.1             | 79.4         | 2,545.6             | 75.4         | 2,704.1             | 75.4         |
| <b>Crude Rubber</b>                        |                     |              |                     |              |                     |              |                     |              |
| China                                      | 3,267.2             | 32.3         | 4,664.6             | 33.2         | 3,133.7             | 28.5         | 2,906.7             | 27.9         |
| EU-28                                      | 1,276.1             | 12.6         | 1,817.0             | 12.9         | 1,459.6             | 13.3         | 1,436.2             | 13.8         |
| USA  | 1,123.6             | 11.1         | 1,465.6             | 10.4         | 1,219.9             | 11.1         | 1,224.1             | 11.8         |
| Top 3                                      | 5,666.9             | 56.0         | 7,947.2             | 56.6         | 5,813.3             | 52.9         | 5,567.0             | 53.5         |

Source:  
ASEAN Secretariat

**Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2016-2019**

| Selected Products/<br>2019 Top 3 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Rice, husked and broken</b>             |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,218.3             | 81.0         | 906.0               | 76.2         | 2,221.6             | 78.7         | 1,787.4             | 83.2         |
| Pakistan                                   | 96.1                | 6.4          | 85.6                | 7.2          | 205.6               | 7.3          | 164.2               | 7.6          |
| India                                      | 119.0               | 7.9          | 130.9               | 11.0         | 311.6               | 11.0         | 138.5               | 6.4          |
| Top 3                                      | 1,433.5             | 95.3         | 1,122.4             | 94.4         | 2,738.8             | 97.1         | 2,090.2             | 97.3         |
| <b>Banana, fresh</b>                       |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 42.9                | 85.1         | 48.3                | 83.7         | 66.6                | 91.1         | 98.4                | 95.2         |
| Ecuador                                    | 3.7                 | 7.3          | 3.9                 | 6.8          | 2.8                 | 3.8          | 2.3                 | 2.2          |
| India                                      | 1.4                 | 2.7          | 1.4                 | 2.5          | 2.1                 | 2.9          | 2.2                 | 2.2          |
| Top 3                                      | 48.0                | 95.2         | 53.6                | 93.0         | 71.5                | 97.8         | 102.9               | 99.6         |
| <b>Pineapple products</b>                  |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 17.2                | 98.0         | 16.7                | 97.5         | 10.9                | 96.3         | 10.1                | 95.6         |
| China                                      | 0.2                 | 0.9          | 0.2                 | 1.2          | 0.2                 | 1.7          | 0.3                 | 3.0          |
| Korea, Republic of                         | 0.0                 | 0.0          | 0.0                 | 0.2          | 0.1                 | 1.1          | 0.1                 | 0.5          |
| Top 3                                      | 17.4                | 99.0         | 17.0                | 98.9         | 11.2                | 99.1         | 10.5                | 99.2         |
| <b>Palm Oil</b>                            |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,100.5             | 98.4         | 1,240.1             | 98.1         | 1,366.9             | 98.8         | 1,446.0             | 98.7         |
| Papua New Guinea                           | 8.3                 | 0.7          | 16.5                | 1.3          | 16.2                | 1.2          | 16.0                | 1.1          |
| USA  | -                   | -            | -                   | -            | 0.1                 | 0.0          | 2.5                 | 0.2          |
| Top 3                                      | 1,108.8             | 99.1         | 1,256.7             | 99.4         | 1,383.2             | 100.0        | 1,464.5             | 100.0        |

**Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2016-2019 (Continued)**

| Selected Products/<br>2019 Top 3 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Coconut Oil</b>                         |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 227.7               | 79.4         | 230.8               | 78.0         | 239.9               | 83.5         | 202.0               | 86.8         |
| Papua New Guinea                           | 14.6                | 5.1          | 34.8                | 11.7         | 25.4                | 8.8          | 14.6                | 6.3          |
| USA  | 2.2                 | 0.8          | 2.8                 | 1.0          | 2.5                 | 0.9          | 3.4                 | 1.5          |
| Top 3                                      | 244.5               | 85.3         | 268.3               | 90.7         | 267.8               | 93.2         | 220.1               | 94.5         |
| <b>Shrimps, prawns, lobster, oth crust</b> |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 168.8               | 19.6         | 236.5               | 21.1         | 253.2               | 22.6         | 271.6               | 25.4         |
| India                                      | 321.4               | 37.3         | 392.6               | 35.0         | 353.3               | 31.6         | 208.9               | 19.6         |
| Argentina                                  | 59.3                | 6.9          | 87.8                | 7.8          | 89.8                | 8.0          | 96.1                | 9.0          |
| Top 3                                      | 549.4               | 63.7         | 716.9               | 63.9         | 696.4               | 62.2         | 576.6               | 54.0         |
| <b>Tobacco</b>                             |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,000.4             | 36.2         | 1,013.0             | 35.4         | 1,102.1             | 34.5         | 1,102.0             | 38.3         |
| China                                      | 668.1               | 24.2         | 672.9               | 23.5         | 631.6               | 19.8         | 600.1               | 20.8         |
| Brazil                                     | 219.6               | 7.9          | 275.0               | 9.6          | 284.4               | 8.9          | 237.2               | 8.2          |
| Top 3                                      | 1,888.1             | 68.3         | 1,961.0             | 68.5         | 2,018.2             | 63.1         | 1,939.4             | 67.3         |
| <b>Crude Rubber</b>                        |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,261.4             | 85.0         | 1,759.9             | 76.5         | 1,405.3             | 78.2         | 1,418.8             | 76.2         |
| Côte d'Ivoire                              | 159.1               | 10.7         | 393.5               | 17.1         | 290.1               | 16.1         | 351.3               | 18.9         |
| Liberia                                    | 6.0                 | 0.4          | 12.7                | 0.6          | 14.3                | 0.8          | 18.2                | 1.0          |
| Top 3                                      | 1,426.4             | 96.1         | 2,166.1             | 94.2         | 1,709.7             | 95.2         | 1,788.3             | 96.0         |

Source:  
ASEAN Secretariat



**Table 10.23. ASEAN Major Markets of Exports of Selected Agricultural Inputs, 2016-2019**

| Selected Products/<br>2019 Top 5 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Fertiliser</b>                          |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 748.9               | 67.5         | 968.2               | 68.8         | 1,066.9             | 63.6         | 905.7               | 49.8         |
| India                                      | 16.9                | 1.5          | 46.4                | 3.3          | 61.2                | 3.6          | 248.7               | 13.7         |
| Australia                                  | 105.7               | 9.5          | 105.3               | 7.5          | 103.6               | 6.2          | 156.3               | 8.6          |
| China                                      | 13.1                | 1.2          | 63.1                | 4.5          | 19.3                | 1.2          | 124.3               | 6.8          |
| Japan                                      | 36.0                | 3.2          | 43.2                | 3.1          | 52.5                | 3.1          | 48.8                | 2.7          |
| Top 5                                      | 920.6               | 83.0         | 1,226.3             | 87.1         | 1,303.6             | 77.7         | 1,483.7             | 81.6         |
| <b>Agriculture Pesticides</b>              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 44.2                | 64.1         | 54.0                | 65.8         | 57.0                | 64.1         | 53.8                | 60.3         |
| China                                      | 1.8                 | 2.6          | 1.4                 | 1.8          | 4.5                 | 5.1          | 7.0                 | 7.9          |
| Japan                                      | 9.9                 | 14.4         | 12.6                | 15.3         | 11.8                | 13.2         | 5.9                 | 6.6          |
| India                                      | 1.0                 | 1.5          | 1.5                 | 1.9          | 3.6                 | 4.0          | 5.6                 | 6.2          |
| Taiwan, Province of China                  | 3.6                 | 5.3          | 3.6                 | 4.4          | 3.9                 | 4.4          | 4.6                 | 5.1          |
| Top 5                                      | 60.5                | 87.8         | 73.1                | 89.2         | 80.8                | 90.9         | 76.9                | 86.1         |

Source:  
ASEAN Secretariat

**Table 10.24. ASEAN Major Origins of Imports of Selected Agricultural Inputs, 2016-2019**

| Selected Products/<br>2019 Top 5 Countries | 2016                |              | 2017                |              | 2018                |              | 2019                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) | Value<br>(Mn US \$) | Share<br>(%) |
| <b>Fertiliser</b>                          |                     |              |                     |              |                     |              |                     |              |
| China                                      | 1,919.0             | 31.7         | 1,665.9             | 25.3         | 1,521.8             | 22.3         | 1,529.7             | 24.6         |
| ASEAN                                      | 727.6               | 12.0         | 981.8               | 14.9         | 1,120.9             | 16.4         | 1,024.2             | 16.4         |
| Russian Federation                         | 648.4               | 10.7         | 758.8               | 11.5         | 791.3               | 11.6         | 660.1               | 10.6         |
| Canada                                     | 648.5               | 10.7         | 657.2               | 10.0         | 829.5               | 12.2         | 643.2               | 10.3         |
| EU-28                                      | 395.2               | 6.5          | 496.5               | 7.5          | 409.9               | 6.0          | 379.2               | 6.1          |
| Top 5                                      | 4,338.7             | 71.7         | 4,560.2             | 69.3         | 4,673.3             | 68.5         | 4,236.4             | 68.0         |
| <b>Agriculture Pesticides</b>              |                     |              |                     |              |                     |              |                     |              |
| China                                      | 40.3                | 33.6         | 55.7                | 37.6         | 68.5                | 41.5         | 86.6                | 41.1         |
| ASEAN                                      | 31.4                | 26.2         | 38.5                | 26.0         | 36.5                | 22.1         | 47.1                | 22.4         |
| EU-28                                      | 20.2                | 16.8         | 21.2                | 14.3         | 25.7                | 15.5         | 29.7                | 14.1         |
| USA  | 5.7                 | 4.8          | 4.6                 | 3.1          | 6.3                 | 3.8          | 16.2                | 7.7          |
| India                                      | 5.8                 | 4.8          | 7.0                 | 4.8          | 7.4                 | 4.5          | 7.9                 | 3.8          |
| Top 5                                      | 103.4               | 86.3         | 127.0               | 85.9         | 144.3               | 87.4         | 187.6               | 89.0         |

Source:  
ASEAN Secretariat

**Table 10.25. ASEAN Exports of Fishery Products by 4 digit HS Code, 2010-2019**

(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 |              |
| 2010        | 297.3        | 579.0   | 933.6   | 2,569.9  | 289.4  | 4,881.3   | 1,087.2   | -   | 10,637.5     |
| 2011        | 291.0        | 545.1   | 1,081.8   | 3,164.3  | 337.2  | 5,379.2   | 1,390.2   | -   | 12,188.8     |
| 2012        | 436.9        | 745.4   | 1,156.4   | 3,385.9  | 445.7  | 4,967.3   | 1,264.0   | 79.0  | 12,480.6     |
| 2013        | 482.3        | 621.3   | 1,023.0   | 3,051.3  | 421.7  | 5,264.0   | 1,174.1   | 80.2  | 12,117.9     |
| 2014        | 354.9        | 498.3   | 1,047.7   | 3,234.0  | 349.8  | 6,097.2   | 1,226.0   | 77.7  | 12,885.5     |
| 2015        | 313.3        | 510.8   | 929.6   | 3,138.0  | 335.8  | 4,493.3   | 1,122.9   | 74.4  | 10,918.0     |
| 2016        | 331.1        | 485.9   | 1,122.1   | 3,183.2  | 409.2  | 5,053.9   | 1,272.2   | 53.4  | 11,911.1     |
| 2017        | 326.5        | 435.9   | 1,532.2   | 3,247.3  | 475.0  | 5,882.1   | 1,558.5   | 70.4  | 13,527.9     |
| 2018        | 289.5        | 506.0   | 1,378.8   | 3,925.5  | 478.2  | 5,198.9   | 1,712.0   | 75.2  | 13,564.1     |
| 2019        | 266.6        | 502.9   | 1,399.4   | 3,822.7  | 492.7  | 5,176.5   | 1,621.3   | 118.0   | 13,400.1     |

Source:  
ASEAN Secretariat

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

**Table 10.26. ASEAN Exports of Fishery Products, by ASEAN Member States, 2010-2019**

(in million US\$)

| Country | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total    |
|---------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|----------|
| 2010    | 1.0               | 2.8      | 2,015.6   | -       | 701.4    | 313.2   | 338.2       | 288.3     | 2,867.1  | 4,110.0  | 10,637.5 |
| 2011    | 1.5               | 3.1      | 2,439.5   | -       | 769.2    | 316.6   | 367.7       | 319.7     | 3,053.8  | 4,917.6  | 12,188.7 |
| 2012    | 2.4               | 1.7      | 2,753.1   | 0.2     | 680.3    | 672.0   | 420.1       | 291.4     | 2,844.1  | 4,815.3  | 12,480.6 |
| 2013    | 3.8               | 1.2      | 2,856.4   | 0.1     | 622.9    | 699.4   | 558.2       | 255.7     | 2,129.6  | 4,990.7  | 12,117.9 |
| 2014    | 4.0               | 0.7      | 3,111.9   | 0.4     | 675.8    | 423.2   | 649.7       | 231.5     | 2,134.2  | 5,654.1  | 12,885.5 |
| 2015    | 3.1               | 0.5      | 2,649.8   | 0.1     | 504.8    | 446.5   | 504.4       | 264.7     | 1,766.8  | 4,777.4  | 10,918.0 |
| 2016    | 3.4               | 0.7      | 2,923.7   | 0.1     | 515.2    | 537.5   | 505.8       | 264.4     | 2,038.9  | 5,121.5  | 11,911.1 |
| 2017    | 5.5               | 0.6      | 3,271.5   | 0.0     | 509.5    | 662.2   | 555.3       | 294.0     | 2,133.4  | 6,096.0  | 13,527.9 |
| 2018    | 7.9               | 0.8      | 3,219.0   | 0.0     | 534.9    | 734.2   | 476.9       | 282.4     | 1,900.4  | 6,407.6  | 13,564.1 |
| 2019    | 6.0               | 0.4      | 3,272.0   | 0.0     | 648.6    | 771.0   | 411.2       | 236.3     | 1,849.3  | 6,205.1  | 13,400.1 |

Source:  
ASEAN Secretariat

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

**Table 10.27. ASEAN Imports of Fishery Products by 4 digit HS Code, 2010-2019**

(in million US\$)

| HS Code     | 0301         | 0302  | 0303  | 0304   | 0305   | 0306  | 0307  | 0308  | Total Import |
|-------------|--------------|---|---|--|--|---|---|---|--------------|
| 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 |              |
| 2010        | 79.0         | 372.8   | 2,454.8   | 250.3  | 110.3  | 458.0   | 335.5   | -   | 4,060.7      |
| 2011        | 79.0         | 407.6   | 3,130.9   | 335.1  | 110.0  | 670.8   | 458.6   | -   | 5,192.0      |
| 2012        | 83.2         | 415.9   | 3,416.8   | 373.4  | 127.9  | 768.6   | 430.9   | 33.8  | 5,650.6      |
| 2013        | 67.9         | 452.7   | 3,278.4   | 389.7  | 117.8  | 857.9   | 559.5   | 35.7  | 5,759.6      |
| 2014        | 64.8         | 448.6   | 2,790.1   | 473.1  | 107.1  | 1,202.7   | 591.9   | 41.2  | 5,719.6      |
| 2015        | 58.6         | 419.2   | 2,653.2   | 516.3  | 113.9  | 975.0   | 607.9   | 43.2  | 5,387.4      |
| 2016        | 62.4         | 530.3   | 3,022.9   | 516.1  | 133.3  | 940.9   | 729.4   | 35.6  | 5,970.9      |
| 2017        | 97.6         | 598.0   | 3,539.5   | 569.4  | 127.4  | 1,113.8   | 814.5   | 48.0  | 6,908.2      |
| 2018        | 87.0         | 624.3   | 3,394.0   | 660.6  | 136.9  | 1,112.2   | 859.5   | 47.4  | 6,921.7      |
| 2019        | 105.1        | 743.7   | 3,672.7   | 758.8  | 133.6  | 1,060.3   | 1,091.3   | 73.1  | 7,638.7      |

Source:  
ASEAN Secretariat

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

**Table 10.28. ASEAN Imports of Fishery Products by ASEAN Member States, 2010-2019**

(in million US\$)

| Country | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total   |
|---------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|---------|
| 2010    | 30.3              | 1.4      | 216.3     | 1.2     | 683.5    | 0.3     | 134.3       | 657.7     | 2,026.0  | 309.5    | 4,060.6 |
| 2011    | 37.5              | 1.4      | 251.1     | 1.8     | 860.9    | 0.4     | 169.0       | 788.7     | 2,549.0  | 532.1    | 5,191.9 |
| 2012    | 31.1              | 0.7      | 207.9     | 17.7    | 906.7    | 0.8     | 228.6       | 765.8     | 2,877.6  | 613.6    | 5,650.6 |
| 2013    | 41.2              | 1.0      | 216.5     | 1.5     | 888.0    | 11.5    | 241.8       | 749.2     | 2,952.9  | 656.0    | 5,759.6 |
| 2014    | 36.1              | 2.0      | 210.4     | 1.8     | 959.9    | 2.9     | 262.4       | 760.8     | 2,530.3  | 952.9    | 5,719.6 |
| 2015    | 32.1              | 2.6      | 195.8     | 1.4     | 773.6    | 4.0     | 367.0       | 743.6     | 2,313.5  | 953.9    | 5,387.4 |
| 2016    | 31.9              | 4.1      | 235.0     | 1.3     | 774.6    | 2.1     | 395.9       | 790.5     | 2,728.8  | 1,006.6  | 5,970.9 |
| 2017    | 35.5              | 3.6      | 285.6     | 1.1     | 812.5    | 4.6     | 534.1       | 784.2     | 3,187.6  | 1,259.5  | 6,908.2 |
| 2018    | 40.4              | 2.5      | 315.4     | 1.0     | 886.5    | 7.1     | 593.4       | 870.9     | 2,682.4  | 1,522.1  | 6,921.7 |
| 2019    | 41.9              | 4.4      | 299.1     | 2.3     | 964.7    | 9.2     | 646.8       | 828.8     | 3,269.4  | 1,572.1  | 7,638.7 |

Source:  
ASEAN Secretariat

# CHAPTER 11

# Manufacturing







**Table 11.1. Number of Manufacturing Establishments and Persons Engaged in ASEAN, by Establishment Size, 2010-2019**

| Country               | Year | Number of Establishments |         |              | Number of Persons Engaged (in persons) |         |              |
|-----------------------|------|--------------------------|---------|--------------|--|---------|--------------|
|                       |      | 10 - 19                  | 20 - 99 | 100 and over | 10 - 19                                | 20 - 99 | 100 and over |
| Brunei Darussalam     | 2015 | 248                      | 93      | 9            | 2,389                                  | 3,539   | 2,093        |
|                       | 2016 | 265                      | 95      | 12           | 2,473                                  | 3,488   | 2,389        |
|                       | 2017 | 272                      | 89      | 12           | 2,643                                  | 3,471   | 2,724        |
| Cambodia              | 2014 | 9,412                    | 4,204   | 139,756      | 126,627                                | 147,978 | 530,208      |
| Indonesia             | 2011 | -                        | 16,295  | 7,075        | -                                      | 617,531 | 4,011,838    |
|                       | 2012 | -                        | 16,591  | 7,001        | -                                      | 625,920 | 4,302,919    |
|                       | 2013 | 140,211                  | 16,599  | 7,099        | -                                      | 690,130 | 4,314,782    |
|                       | 2014 | 76,172                   | 17,055  | 6,689        | -                                      | 707,221 | 4,473,310    |
|                       | 2015 | 72,047                   | 18,495  | 7,827        | -                                      | 753,360 | 4,493,975    |
|                       | 2016 | 108,808                  | 24,748  | 10,415       | -                                      | 979,400 | 5,411,500    |
|                       | 2017 | 115,386                  | 22,577  | 11,000       | -                                      | 939,200 | 5,675,750    |
|                       | 2018 | 84,146                   | -       | -            | -                                      | -       | -            |
| Malaysia              | 2010 | 4,756                    | 6,812   | 3,390        | 64,300                                 | 307,500 | 1,352,500    |
|                       | 2012 | -                        | -       | -            | 62,000                                 | 309,000 | 1,543,000    |
|                       | 2014 | -                        | -       | -            | 52,000                                 | 357,100 | 1,606,000    |
|                       | 2015 | 6,787                    | 9,318   | 3,822        | 94,300                                 | 411,900 | 1,494,000    |
|                       | 2019 | 31,198                   | 7,360   | 4,860        | 213                                    | 4,887   | 44,532       |
| Myanmar <sup>1)</sup> | 2012 | 30,725                   | 7,635   | 5,141        | 329                                    | 4,287   | 41,913       |
|                       | 2013 | 30,187                   | 7,988   | 5,406        | 279                                    | 3,714   | 41,037       |
|                       | 2014 | 30,287                   | 8,576   | 5,778        | 252                                    | 3,143   | 34,438       |
|                       | 2015 | 30,795                   | 9,239   | 6,119        | 329                                    | 4,256   | 32,976       |
|                       | 2016 | 31,590                   | 9,948   | 6,793        | 338                                    | 4,122   | 36,048       |
|                       | 2017 | 32,044                   | 10,777  | 7,556        | 335                                    | 4,233   | 34,763       |
|                       | 2018 | 31,995                   | 11,319  | 7,883        | 50                                     | 360     | 272          |
|                       | 2019 | 31,721                   | 11,745  | 8,362        | 51                                     | 343     | 268          |
| Philippines           | 2010 | 11,606                   | -       | 4,663        | -                                      | -       | -            |
|                       | 2012 | 17,789                   | -       | 7,275        | 136                                    | -       | 1,050        |
|                       | 2013 | 18,379                   | -       | 6,770        | 155                                    | -       | 1,064        |
|                       | 2014 | 18,434                   | -       | 6,763        | 150                                    | -       | 1,074        |
|                       | 2015 | 17,975                   | -       | 6,521        | 158                                    | -       | 1,136        |
|                       | 2016 | 21,610                   | -       | 6,393        | 173                                    | -       | 1,104        |

| Country   | Year | Number of Establishments |         |              | Number of Persons Engaged (in persons) |         |              |
|-----------|------|--------------------------|---------|--------------|--|---------|--------------|
|           |      | 10 - 19                  | 20 - 99 | 100 and over | 10 - 19                                | 20 - 99 | 100 and over |
| Singapore | 2010 | 1,633                    | 1,957   | 806          | 22,226                                 | 88,006  | 285,899      |
|           | 2011 | 1,604                    | 1,894   | 800          | 21,460                                 | 85,207  | 292,725      |
|           | 2012 | 1,838                    | 1,796   | 809          | 23,800                                 | 83,400  | 297,100      |
|           | 2013 | 1,843                    | 1,791   | 809          | 24,600                                 | 82,800  | 295,300      |
|           | 2014 | 1,985                    | 1,728   | 782          | 26,100                                 | 80,600  | 287,500      |
|           | 2015 | 1,822                    | 1,715   | 749          | 24,400                                 | 81,250  | 277,290      |
|           | 2016 | 2,028                    | 1,692   | 704          | 26,860                                 | 79,420  | 258,890      |
|           | 2017 | 1,883                    | 1,724   | 686          | 25,520                                 | 78,470  | 256,230      |
|           | 2018 | 1,903                    | 1,678   | 665          | 25,440                                 | 76,340  | 261,070      |
|           | 2019 | 15,609                   | 19,294  | 6,068        | -                                      | -       | 3,638,016    |
| Thailand  | 2012 | 16,392                   | 20,291  | 6,277        | -                                      | -       | 3,691,585    |
|           | 2013 | 17,510                   | 21,421  | 6,513        | -                                      | -       | 3,783,647    |
|           | 2014 | 18,531                   | 22,581  | 6,735        | -                                      | -       | 3,791,050    |
|           | 2015 | 19,554                   | 23,710  | 6,955        | -                                      | -       | 3,650,782    |
|           | 2016 | 19,329                   | 25,769  | 7,040        | -                                      | -       | -            |
|           | 2017 | 20,101                   | 24,305  | 6,818        | -                                      | -       | -            |
|           | 2018 | 21,103                   | 24,472  | 6,988        | -                                      | -       | -            |
|           | 2019 | 21,331                   | 26,209  | 7,034        | -                                      | -       | -            |
|           | 2020 | 8,398                    | 12,142  | 7,097        | 111,315                                | 524,455 | 3,707,754    |
| Viet Nam  | 2011 | 9,983                    | 13,756  | 7,489        | 132,962                                | 593,303 | 4,037,063    |
|           | 2012 | 10,058                   | 13,779  | 7,434        | 133,674                                | 583,713 | 4,152,467    |
|           | 2013 | 10,069                   | 13,946  | 7,623        | 133,563                                | 598,651 | 4,479,688    |
|           | 2014 | 10,680                   | 14,841  | 7,977        | 141,922                                | 628,628 | 4,924,210    |
|           | 2015 | 11,342                   | 15,060  | 8,456        | 150,082                                | 652,328 | 5,293,036    |
|           | 2016 | 12,414                   | 16,395  | 9,094        | 164,505                                | 706,864 | 5,729,042    |
|           | 2017 | 20,488                   | 18,680  | 9,234        | 261,340                                | 776,658 | 6,012,029    |

Source:  
ASEAN Secretariat

Notes:  
1) Data for 2019 is a projection  
'-' not available at the time of publication

**Table 11.2. GDP Share, Exports and Imports Share of Manufacturing Sector in ASEAN, 2017-2019**

(in percent)

| Country                       | Industry Share to GDP <sup>1)</sup> |      |      | Employment Share <sup>2)</sup> |      |      | Exports Share      |                    |                    | Imports Share    |                    |                    |
|-------------------------------|-------------------------------------|------|------|--------------------------------|------|------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|
|                               | 2017                                | 2018 | 2019 | 2017                           | 2018 | 2019 | 2017               | 2018               | 2019               | 2017             | 2018               | 2019               |
| Brunei Darussalam             | 63.2                                | 62.9 | 63.1 | 3.8                            | 4.0  | 4.2  | 10.1               | 8.7                | 8.7                | 73.7             | 79.5               | 55.4               |
| Cambodia                      | 34.0                                | 35.3 | 36.6 | -                              | -    | -    | 94.7               | 94.4               | 95.1               | 81.4             | 80.2               | 81.6               |
| Indonesia                     | 40.2                                | 39.8 | 39.4 | 14.5                           | 14.7 | 15.0 | 54.0               | 54.4               | 58.3               | 71.3             | 71.5               | 74.2               |
| Lao PDR                       | 35.2                                | 35.7 | 35.9 | 11.5                           | -    | -    | 34.9               | 39.5               | 41.1               | 72.5             | 70.8               | 66.7               |
| Malaysia                      | 38.0                                | 37.5 | 36.7 | 21.6                           | 21.2 | 21.0 | 73.4               | 75.0               | 75.8               | 77.8             | 76.6               | 75.8               |
| Myanmar                       | 31.7                                | 32.1 | 36.0 | 10.5                           | 10.6 | -    | 40.3               | 50.0               | 51.0               | 65.4             | 65.1               | 67.6               |
| Philippines                   | 30.3                                | 30.6 | 30.2 | 11.8                           | 12.4 | 8.5  | 87.2               | 87.6               | 87.1               | 74.6             | 73.5               | 74.4               |
| Singapore                     | 24.7                                | 25.0 | 24.7 | 10.3                           | 10.4 | 9.6  | 78.8               | 77.1               | 78.6               | 72.3             | 71.5               | 74.0               |
| Thailand                      | 35.7                                | 35.2 | 34.5 | 18.2                           | 18.4 | 18.1 | 82.1               | 81.4               | 81.6               | 79.3             | 76.6               | 77.5               |
| Viet Nam                      | 35.0                                | 35.6 | 36.2 | 17.3                           | 17.9 | 20.0 | 84.4               | 85.1               | 86.4               | 85.3             | 83.5               | 84.0               |
| <b>Total in percent</b>       |                                     |      |      |                                |      |      | <b>76.0</b>        | <b>75.8</b>        | <b>77.5</b>        | <b>76.7</b>      | <b>75.2</b>        | <b>76.7</b>        |
| <b>Total in Million US \$</b> |                                     |      |      |                                |      |      | <b>1,006,358.2</b> | <b>1,088,972.0</b> | <b>1,102,759.5</b> | <b>955,543.6</b> | <b>1,044,937.3</b> | <b>1,067,422.8</b> |

Source:  
ASEAN Secretariat

Notes:

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

2) Refer to Table 3.9

'-' not available at the time of publication

**Table 11.3. Number of Establishments in ASEAN by Division of Industry<sup>1)</sup>**

| Division of Industry  | Brunei Darussalam | Cambodia      | Indonesia <sup>3)</sup> | Malaysia      | Myanmar <sup>4)</sup> | Philippines <sup>5)</sup> | Singapore    | Thailand      | Viet Nam       |
|---|-------------------|---------------|-------------------------|---------------|-----------------------|---------------------------|--------------|---------------|----------------|
|   | 2017              | 2011          | 2018                    | 2015          | 2019                  | 2017                      | 2018         | 2019          | 2018           |
| 10 Manufacture of food products <sup>2)</sup>   | 117               | 27,624        | 6,749                   | 8,063         | 28,600                | 10,226                    | 944          | 9,516         | 197,571        |
| 11 Manufacture of beverages   | 10                | 4,433         | 572                     | 432           | 1,343                 | 2,407                     | -            | 873           | 82,616         |
| 12 Manufacture of tobacco products  | 0                 | 33            | 607                     | 26            | 127                   | 15                        | -            | 26            | 25             |
| 13 Manufacture of textiles  | 31                | 8,919         | 2,460                   | 1,224         | 1,930                 | 365                       | 113          | 2,570         | 39,321         |
| 14 Manufacture of wearing apparel   | 328               | 15,928        | 2,516                   | 7,512         | 1,537                 | 1650                      | 376          | 2,161         | 114,687        |
| 15 Manufacture of leather and related products  | -                 | 277           | 1,062                   | 375           | 257                   | 270                       | 18           | 999           | 9,179          |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 17                | 1,955         | 1,275                   | 1,794         | 2,409                 | 479                       | 158          | 5,760         | 136,109        |
| 17 Manufacture of paper and paper products  | 2                 | 35            | 702                     | 936           | 327                   | 347                       | 85           | 1,371         | 12,852         |
| 18 Printing and reproduction of recorded media  | 31                | 283           | 965                     | 3,213         | 571                   | 1,583                     | 806          | 2,601         | 12,205         |
| 19 Manufacture of coke and refined petroleum products   | 2                 | 2             | 143                     | 124           | 113                   | 21                        | 18           | -             | 440            |
| 20 Manufacture of chemicals and chemical products   | 7                 | 144           | 1,406                   | 1,473         | 394                   | 571                       | 279          | 3,556         | 7,292          |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 4                 | 10            | 328                     | 371           | 80                    | 117                       | 52           | 414           | 723            |
| 22 Manufacture of rubber and plastics products  | 7                 | 46            | 2,167                   | 2,628         | 1,371                 | 951                       | 280          | 8,988         | 9,822          |
| 23 Manufacture of other non-metallic mineral products   | 24                | 2,823         | 1,805                   | 2,072         | 1,792                 | 719                       | 132          | 7,616         | 27,268         |
| 24 Manufacture of basic metals  | 11                | 37            | 539                     | 1,557         | 629                   | 316                       | 40           | 1,100         | 3,246          |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 29                | 4,713         | 1,219                   | 5,376         | 3,073                 | 1,131                     | 1,175        | 12,755        | 127,594        |
| 26 Manufacture of computer, electronics and optical products  | -                 | 4             | 357                     | 985           | -                     | 284                       | 342          | 1,020         | 2,363          |
| 27 Manufacture of electrical equipment  | 5                 | 8             | 430                     | 999           | 109                   | 204                       | 239          | 2,919         | 2,003          |
| 28 Manufacture of machinery and equipment n.e.c.  | -                 | 20            | 518                     | 1,940         | 196                   | 264                       | 1,655        | 5,147         | 2,533          |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | -                 | 3             | 636                     | 742           | 72                    | 222                       | 91           | 2,753         | 766            |
| 30 Manufacture of other transport equipment   | -                 | 81            | 405                     | 380           | 214                   | 117                       | 879          | 523           | 1,951          |
| 31 Manufacture of furniture   | 11                | 1,195         | 1,619                   | 2,521         | 606                   | 945                       | 606          | 3,571         | 106,524        |
| 32 Other manufacturing  | 3                 | 1,827         | 812                     | 1,490         | 541                   | 358                       | 500          | 14,071        | 11,031         |
| 33 Repair and installation of machinery and equipment   | 24                | 926           | 262                     | 2,868         | 7,249                 | 638                       | -            | -             | 15,603         |
| <b>All Industries</b>   | <b>663</b>        | <b>71,326</b> | <b>29,554</b>           | <b>49,101</b> | <b>53,540</b>         | <b>24,200</b>             | <b>8,788</b> | <b>90,310</b> | <b>923,724</b> |

Source:  
ASEAN Secretariat

Notes:

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

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

3) Indonesia use estimated data for 2018 which covers establishments with total employment of 20 and over

4) Data for 2019 is a projection

5) Covers establishments with total employment of 20 and over

'-' not available at the time of publication

**Table 11.4. Percentage Distribution of Establishments in ASEAN by Division of Industry<sup>1)</sup>**

(in percent)

| Division of Industry  | Brunei Darussalam | Cambodia     | Indonesia <sup>3)</sup> | Malaysia     | Myanmar      | Philippines <sup>3)</sup> | Singapore    | Thailand     | Viet Nam     |
|---|-------------------|--------------|-------------------------|--------------|--------------|---------------------------|--------------|--------------|--------------|
|   | 2017              | 2011         | 2018                    | 2015         | 2017         | 2017                      | 2018         | 2019         | 2018         |
| 10 Manufacture of food products <sup>2)</sup>   | 17.6              | 38.7         | 22.8                    | 16.4         | 53.4         | 42.3                      | 10.7         | 0.0          | 21.4         |
| 11 Manufacture of beverages   | 1.5               | 6.2          | 1.9                     | 0.9          | 2.5          | 9.9                       | -            | 1.0          | 8.9          |
| 12 Manufacture of tobacco products  | 0.0               | 0.0          | 2.1                     | 0.1          | 0.2          | 0.1                       | -            | 0.0          | 0.0          |
| 13 Manufacture of textiles  | 4.7               | 12.5         | 8.3                     | 2.5          | 3.6          | 1.5                       | 1.3          | 2.8          | 4.3          |
| 14 Manufacture of wearing apparel   | 49.5              | 22.3         | 8.5                     | 15.3         | 2.9          | 6.8                       | 4.3          | 2.4          | 12.4         |
| 15 Manufacture of leather and related products  | 0.0               | 0.4          | 3.6                     | 0.8          | 0.5          | 1.1                       | 0.2          | 1.1          | 1.0          |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 2.6               | 2.7          | 4.3                     | 3.7          | 4.5          | 2.0                       | 1.8          | 6.4          | 14.7         |
| 17 Manufacture of paper and paper products  | 0.3               | 0.0          | 2.4                     | 1.9          | 0.6          | 1.4                       | 1.0          | 1.5          | 1.4          |
| 18 Printing and reproduction of recorded media  | 4.7               | 0.4          | 3.3                     | 6.5          | 1.1          | 6.5                       | 9.2          | 2.9          | 1.3          |
| 19 Manufacture of coke and refined petroleum products   | 0.3               | 0.0          | 0.5                     | 0.3          | 0.2          | 0.1                       | 0.2          | -            | 0.0          |
| 20 Manufacture of chemicals and chemical products   | 1.1               | 0.2          | 4.8                     | 3.0          | 0.7          | 2.4                       | 3.2          | 3.9          | 0.8          |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 0.6               | 0.0          | 1.1                     | 0.8          | 0.1          | 0.5                       | 0.6          | 0.5          | 0.1          |
| 22 Manufacture of rubber and plastics products  | 1.1               | 0.1          | 7.3                     | 5.4          | 2.6          | 3.9                       | 3.2          | 10.0         | 1.1          |
| 23 Manufacture of other non-metallic mineral products   | 3.6               | 4.0          | 6.1                     | 4.2          | 3.3          | 3.0                       | 1.5          | 8.4          | 3.0          |
| 24 Manufacture of basic metals  | 1.7               | 0.1          | 1.8                     | 3.2          | 1.2          | 1.3                       | 0.5          | 1.2          | 0.4          |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 4.4               | 6.6          | 4.1                     | 10.9         | 5.7          | 4.7                       | 13.4         | 14.1         | 13.8         |
| 26 Manufacture of computer, electronics and optical products  | 0.0               | 0.0          | 1.2                     | 2.0          | 0.0          | 1.2                       | 3.9          | 1.1          | 0.3          |
| 27 Manufacture of electrical equipment  | 0.8               | 0.0          | 1.5                     | 2.0          | 0.2          | 0.8                       | 2.7          | 3.2          | 0.2          |
| 28 Manufacture of machinery and equipment n.e.c.  | 0.0               | 0.0          | 1.8                     | 4.0          | 0.4          | 1.1                       | 18.8         | 5.7          | 0.3          |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | 0.0               | 0.0          | 2.2                     | 1.5          | 0.1          | 0.9                       | 1.0          | 3.0          | 0.1          |
| 30 Manufacture of other transport equipment   | 0.0               | 0.1          | 1.4                     | 0.8          | 0.4          | 0.5                       | 10.0         | 0.6          | 0.2          |
| 31 Manufacture of furniture   | 1.7               | 1.7          | 5.5                     | 5.1          | 1.1          | 3.9                       | 6.9          | 4.0          | 11.5         |
| 32 Other manufacturing  | 0.5               | 2.6          | 2.7                     | 3.0          | 1.0          | 1.5                       | 5.7          | 15.6         | 1.2          |
| 33 Repair and installation of machinery and equipment   | 3.6               | 1.3          | 0.9                     | 5.8          | 13.5         | 2.6                       | -            | -            | 1.7          |
| <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> | <b>100.0</b> |

Source:  
ASEAN Secretariat

Notes:

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

**Table 11.5. Number of Persons Engaged in Establishments in ASEAN by Division of Industry<sup>1)</sup>**

(In thousands)

| Division of Industry  | Brunei Darussalam | Cambodia     | Indonesia <sup>3)</sup> | Malaysia       | Malaysia       | Myanmar <sup>4)</sup> | Philippines <sup>3)</sup> | Singapore    | Thailand       | Viet Nam       |
|---|-------------------|--------------|-------------------------|----------------|----------------|-----------------------|---------------------------|--------------|----------------|----------------|
|   | 2017              | 2011         | 2017                    | 2015           | 2017           | 2019                  | 2017                      | 2019         | 2015           | 2018           |
| 10 Manufacture of food products <sup>2)</sup>   | 1.5               | 68.3         | 1,041.4                 | 256.9          | 273.9          | 3.7                   | 270.0                     | 31.2         | 456.2          | 903.9          |
| 11 Manufacture of beverages   | 0.4               | 12.9         | 94.1                    | 14.8           | 16.8           | 0.4                   | 28.1                      | -            | 32.4           | 165.5          |
| 12 Manufacture of tobacco products  | -                 | 2.3          | 323.4                   | 2.2            | 1.1            | -                     | 12.4                      | -            | 0.0            | 11.1           |
| 13 Manufacture of textiles  | 0.2               | 39.0         | 650.2                   | 29.9           | 32.4           | 8.3                   | 29.2                      | 0.8          | 247.0          | 374.5          |
| 14 Manufacture of wearing apparel   | 2.6               | 294.4        | 856.6                   | 61.5           | 63.5           | 4.1                   | 120.3                     | 2.1          | 294.6          | 1,757.4        |
| 15 Manufacture of leather and related products  | -                 | 40.9         | 426.5                   | 10.8           | 11.7           | 0.0                   | 23.7                      | 0.5          | 98.2           | 1,333.9        |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 0.4               | 7.4          | 286.4                   | 103.1          | 97.9           | 3.7                   | 18.6                      | 2.6          | 142.3          | 392.5          |
| 17 Manufacture of paper and paper products  | 0.0               | 1.3          | 170.2                   | 53.7           | 51.7           | 2.1                   | 21.9                      | 3.1          | 0.0            | 148.0          |
| 18 Printing and reproduction of recorded media  | 0.4               | 3.8          | 83.6                    | 56.9           | 55.8           | 1.2                   | 28.6                      | 12.3         | 0.0            | 94.6           |
| 19 Manufacture of coke and refined petroleum products   | 1.1               | 0.1          | 23.8                    | 16.9           | 13.8           | 0.0                   | 2.2                       | 4.6          | 13.3           | 7.9            |
| 20 Manufacture of chemicals and chemical products   | 0.4               | 9.2          | 234.0                   | 101.5          | 96.2           | 0.4                   | 32.0                      | 18.4         | 117.0          | 151.6          |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 0.1               | 0.3          | 88.2                    | 17.3           | 22.7           | 2.4                   | 14.4                      | 8.6          | 0.0            | 53.2           |
| 22 Manufacture of rubber and plastics products  | 0.1               | 1.2          | 499.8                   | 240.4          | 259.0          | 1.5                   | 62.9                      | 10.3         | 406.0          | 341.9          |
| 23 Manufacture of other non-metallic mineral products   | 0.7               | 18.3         | 224.0                   | 98.7           | 95.4           | 2.9                   | 35.4                      | 4.2          | 165.6          | 370.9          |
| 24 Manufacture of basic metals  | 0.3               | 0.5          | 124.5                   | 97.3           | 92.6           | 8.8                   | 20.0                      | 1.8          | 58.3           | 112.2          |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 0.5               | 15.4         | 200.0                   | 136.1          | 164.7          | 0.2                   | 62.3                      | 35.6         | 301.9          | 580.3          |
| 26 Manufacture of computer, electronics and optical products  | -                 | 0.0          | 187.5                   | 356.3          | 354.5          | 0.0                   | 242.8                     | 81.9         | 0.0            | 710.9          |
| 27 Manufacture of electrical equipment  | 0.1               | 0.2          | 149.0                   | 86.2           | 98.0           | 0.3                   | 31.3                      | 8.5          | 361.9          | 197.1          |
| 28 Manufacture of machinery and equipment n.e.c.  | -                 | 0.1          | 106.3                   | 86.0           | 103.2          | 0.8                   | 37.1                      | 62.6         | 188.8          | 86.4           |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | -                 | 0.0          | 234.5                   | 82.9           | 81.4           | 1.2                   | 90.3                      | 3.1          | 0.0            | 150.4          |
| 30 Manufacture of other transport equipment   | -                 | 1.8          | 142.7                   | 43.3           | 34.6           | 0.8                   | 15.8                      | 58.5         | 302.0          | 119.9          |
| 31 Manufacture of furniture   | 0.2               | 3.7          | 211.7                   | 84.7           | 95.7           | 0.7                   | 25.4                      | 7.6          | 108.5          | 576.1          |
| 32 Other manufacturing  | 0.1               | 6.8          | 217.5                   | 37.9           | 42.1           | 1.3                   | 34.4                      | 18.9         | 356.8          | 225.8          |
| 33 Repair and installation of machinery and equipment   | 0.5               | 2.4          | 39.2                    | 43.8           | 55.9           | 0.1                   | 19.6                      | -            | 0.0            | 75.9           |
| <b>All Industries</b>   | <b>9.5</b>        | <b>530.2</b> | <b>6,615.0</b>          | <b>2,119.1</b> | <b>2,214.6</b> | <b>44.8</b>           | <b>1,278.4</b>            | <b>377.1</b> | <b>3,650.8</b> | <b>8,942.0</b> |

 Source:  
 ASEAN Secretariat

Notes:

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

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

3) Covers establishments with total employment of 20 and over

4) Data for 2019 is a projection

'-' not available at the time of publication

**Table 11.6. Number of Persons Engaged per Establishment in ASEAN by Division of Industry<sup>1)</sup>**

(in persons)

| Division of Industry  | Brunei Darussalam | Cambodia   | Indonesia <sup>3)</sup> | Malaysia    | Myanmar <sup>4)</sup> | Philippines <sup>3)</sup> | Singapore   | Thailand    | Viet Nam   |
|---|-------------------|------------|-------------------------|-------------|-----------------------|---------------------------|-------------|-------------|------------|
|   | 2017              | 2011       | 2017                    | 2015        | 2019                  | 2017                      | 2018        | 2015        | 2018       |
| 10 Manufacture of food products <sup>2)</sup>   | 12.9              | 2.5        | 138.7                   | 31.9        | 0.1                   | 26.4                      | 32.6        | 54.1        | 4.6        |
| 11 Manufacture of beverages   | 42.7              | 2.9        | 144.7                   | 34.3        | 0.3                   | 11.7                      | -           | 47.9        | 2.0        |
| 12 Manufacture of tobacco products  | -                 | 70.7       | 458.0                   | 84.6        | -                     | 824.8                     | -           | -           | 445.6      |
| 13 Manufacture of textiles  | 8.0               | 4.4        | 237.3                   | 24.4        | 4.3                   | 79.9                      | 7.5         | 86.8        | 9.5        |
| 14 Manufacture of wearing apparel   | 7.8               | 18.5       | 288.2                   | 8.2         | 2.7                   | 72.9                      | 6.1         | 127.0       | 15.3       |
| 15 Manufacture of leather and related products  | -                 | 147.5      | 459.1                   | 28.8        | -                     | 88.0                      | 27.2        | 91.8        | 145.3      |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 25.0              | 3.8        | 190.3                   | 57.5        | 1.5                   | 38.8                      | 16.8        | 22.4        | 2.9        |
| 17 Manufacture of paper and paper products  | -                 | 36.1       | 229.1                   | 57.4        | 6.4                   | 63.1                      | 35.8        | -           | 11.5       |
| 18 Printing and reproduction of recorded media  | 13.2              | 13.4       | 82.9                    | 17.7        | 2.1                   | 18.0                      | 15.3        | -           | 7.7        |
| 19 Manufacture of coke and refined petroleum products   | -                 | 28.5       | 167.5                   | 136.3       | -                     | 103.2                     | 249.4       | 18.4        | 17.9       |
| 20 Manufacture of chemicals and chemical products   | 50.6              | 63.6       | 154.0                   | 68.9        | 1.1                   | 56.0                      | 66.1        | 34.7        | 20.8       |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | -                 | 30.9       | 232.8                   | 46.6        | 30.4                  | 122.7                     | 154.4       | -           | 73.6       |
| 22 Manufacture of rubber and plastics products  | 13.4              | 26.9       | 190.5                   | 91.5        | 1.1                   | 66.1                      | 37.8        | 47.6        | 34.8       |
| 23 Manufacture of other non-metallic mineral products   | 29.8              | 6.5        | 111.5                   | 47.6        | 1.6                   | 49.2                      | 34.0        | 22.2        | 13.6       |
| 24 Manufacture of basic metals  | 27.7              | 13.6       | 219.2                   | 62.5        | 14.0                  | 63.2                      | 49.0        | 49.5        | 34.6       |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 15.9              | 3.3        | 129.7                   | 25.3        | 0.1                   | 55.1                      | 30.9        | 23.5        | 4.5        |
| 26 Manufacture of computer, electronics and optical products  | -                 | 3.8        | 370.5                   | 361.7       | -                     | 854.8                     | 246.1       | -           | 300.8      |
| 27 Manufacture of electrical equipment  | -                 | 29.5       | 270.0                   | 86.3        | 3.1                   | 153.6                     | 34.5        | 130.5       | 98.4       |
| 28 Manufacture of machinery and equipment n.e.c.  | -                 | 6.0        | 146.0                   | 44.3        | 3.9                   | 140.4                     | 39.2        | 34.5        | 34.1       |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | -                 | 5.0        | 341.3                   | 111.7       | 16.5                  | 406.6                     | 34.6        | -           | 196.4      |
| 30 Manufacture of other transport equipment   | -                 | 21.7       | 265.7                   | 113.9       | 3.7                   | 134.9                     | 66.6        | 29.3        | 61.5       |
| 31 Manufacture of furniture   | 21.5              | 3.1        | 118.0                   | 33.6        | 1.1                   | 26.9                      | 13.3        | 26.0        | 5.4        |
| 32 Other manufacturing  | 19.7              | 3.7        | 253.0                   | 25.4        | 2.4                   | 96.2                      | 36.3        | 26.7        | 20.5       |
| 33 Repair and installation of machinery and equipment   | 19.5              | 2.6        | 105.9                   | 15.3        | 0.0                   | 30.8                      | -           | -           | 4.9        |
| <b>All Industries</b>   | <b>14.4</b>       | <b>7.4</b> | <b>197.0</b>            | <b>43.2</b> | <b>0.8</b>            | <b>52.8</b>               | <b>43.5</b> | <b>36.7</b> | <b>9.7</b> |

Source:  
ASEAN Secretariat  
(computed from Table 11.3. and Table 11.5)

Notes:  
1) The latest available year is indicated in each country column  
2) Division 10 combines manufacture of food and beverages for Cambodia, Myanmar, Thailand; and combines food/beverages/tobacco for Singapore  
3) Covers establishments with total employment of 20 and over  
4) Data for 2019 is projection  
'-' not available at the time of publication

**Table 11.7. Index of Industrial Production for All Manufacturing Industries in ASEAN, 2010-2019**

(annual change in percent)

| Indicator/Year       | Indonesia  | Malaysia   | Philippines | Singapore  | Thailand   | Viet Nam   |
|----------------------|------------|------------|-------------|------------|------------|------------|
|                      | (2010=100) | (2015=100) | (2006=100)  | (2019=100) | (2011=100) | (2011=100) |
| <b>Index</b>         |            |            |             |            |            |            |
| 2010                 | 100.0      | -          | 151.0       | 77.3       | 194.2      | -          |
| 2011                 | 104.1      | -          | 154.2       | 83.3       | 100.0      | 100.0      |
| 2012                 | 108.4      | -          | 165.1       | 83.6       | 108.9      | 105.8      |
| 2013                 | 114.9      | -          | 174.0       | 85.0       | 110.8      | 105.9      |
| 2014                 | 120.4      | -          | 184.8       | 87.3       | 105.5      | 107.6      |
| 2015                 | 126.1      | 100.0      | 176.9       | 82.8       | 105.3      | 109.8      |
| 2016                 | 131.1      | 104.3      | -           | 85.9       | 106.1      | 107.4      |
| 2017                 | 137.4      | 110.7      | -           | 94.8       | 111.9      | 109.5      |
| 2018                 | 143.0      | 116.0      | -           | 101.5      | 105.5      | 110.1      |
| 2019                 | 151.8      | 120.1      | -           | 100.0      | 101.6      | 109.1      |
| <b>Annual Change</b> |            |            |             |            |            |            |
| 2010                 | -          | -          | 16.9        | 29.7       | 14.2       | -          |
| 2011                 | 4.1        | -          | 2.1         | 7.8        | -48.5      | -          |
| 2012                 | 4.1        | -          | 7.1         | 0.3        | 8.9        | 5.8        |
| 2013                 | 6.0        | -          | 5.4         | 1.7        | 1.8        | 0.1        |
| 2014                 | 4.8        | -          | 6.2         | 2.7        | -4.8       | 1.6        |
| 2015                 | 4.8        | -          | -4.3        | -5.1       | -0.2       | 2.0        |
| 2016                 | 4.0        | 4.3        | 0.0         | 3.7        | 0.8        | -2.2       |
| 2017                 | 4.8        | 6.1        | 0.0         | 10.4       | 5.5        | 2.0        |
| 2018                 | 4.0        | 4.8        | 0.0         | 7.0        | -5.7       | 0.5        |
| 2019                 | 4.7        | 3.6        | 0.0         | -1.5       | -3.7       | -0.9       |

Source:  
ASEAN Secretariat

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

**Table 11.8. Index of Selected Industrial Production: Indonesia<sup>1)</sup>, 2010-2019**

(2010=100; annual change in percent)

| Division of Industry   | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <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        | 183.5        | 197.8        | 211.9        |
| 11 Manufacture of beverages  | 100.0        | 109.6        | 109.2        | 109.9        | 113.2        | 112.5        | 112.2        | 109.1        | 125.9        | 146.2        |
| 12 Manufacture of tobacco products   | 100.0        | 99.4         | 104.5        | 103.9        | 112.1        | 117.6        | 114.2        | 115.5        | 129.1        | 121.0        |
| 13 Manufacture of textiles   | 100.0        | 92.3         | 84.6         | 77.3         | 73.1         | 71.6         | 68.7         | 68.9         | 72.4         | 75.3         |
| 14 Manufacture of wearing apparels   | 100.0        | 113.2        | 118.9        | 128.9        | 133.5        | 119.0        | 110.6        | 116.5        | 140.0        | 161.1        |
| 15 Manufacture of leather and related products   | 100.0        | 128.5        | 119.5        | 124.5        | 132.3        | 137.0        | 148.2        | 156.5        | 185.9        | 174.2        |
| 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         | 78.4         | 78.1         | 72.3         |
| 17 Manufacture of paper and paper products   | 100.0        | 102.0        | 97.6         | 95.5         | 98.3         | 94.8         | 92.1         | 89.8         | 89.7         | 96.3         |
| 18 Printing and reproduction of recorded media   | 100.0        | 117.0        | 116.4        | 127.4        | 126.4        | 133.0        | 131.0        | 134.6        | 147.8        | 184.1        |
| 19 Manufacture of coke and refined petroleum products  | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         | n.a.         |
| 20 Manufacture of chemicals and chemical products  | 100.0        | 105.1        | 113.3        | 122.5        | 129.8        | 131.0        | 130.6        | 138.8        | 130.3        | 146.8        |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 100.0        | 122.6        | 140.9        | 135.2        | 148.6        | 167.5        | 181.6        | 196.3        | 202.0        | 235.0        |
| 22 Manufacture of rubber and plastic products  | 100.0        | 101.5        | 113.6        | 109.7        | 110.5        | 115.6        | 105.7        | 111.6        | 123.0        | 99.4         |
| 23 Manufacture of other non-metallic mineral products  | 100.0        | 113.7        | 125.5        | 129.4        | 134.1        | 143.5        | 151.8        | 151.5        | 156.3        | 162.3        |
| 24 Manufacture of basic metals   | 100.0        | 109.1        | 98.5         | 108.9        | 115.7        | 122.8        | 123.0        | 130.4        | 143.0        | 145.3        |
| 25 Manufacture of fabricated metal products, except machinery and equipment  | 100.0        | 118.7        | 121.8        | 135.7        | 140.1        | 153.2        | 153.4        | 163.2        | 172.2        | 140.5        |
| 26 Manufacture of computers, electronic and optical products   | 100.0        | 96.7         | 106.8        | 116.8        | 112.2        | 115.6        | 117.5        | 115.3        | 96.6         | 77.0         |
| 27 Manufacture of electrical equipment   | 100.0        | 117.5        | 132.0        | 142.3        | 156.3        | 155.6        | 144.1        | 143.4        | 147.1        | 151.3        |
| 28 Manufacture of machinery and equipment n.e.c  | 100.0        | 132.9        | 122.0        | 116.4        | 125.7        | 128.6        | 133.2        | 138.3        | 153.3        | 136.7        |
| 29 Manufacture of motor vehicle, trailers and semi-trailers  | 100.0        | 121.4        | 124.8        | 139.1        | 145.0        | 152.6        | 152.8        | 151.3        | 159.4        | 149.1        |
| 30 Manufacture of other transport equipment  | 100.0        | 78.4         | 81.3         | 79.3         | 76.0         | 71.3         | 71.7         | 75.2         | 77.2         | 76.7         |
| 31 Manufacture of furniture  | 100.0        | 110.0        | 103.3        | 106.8        | 108.8        | 113.5        | 113.8        | 117.0        | 118.9        | 129.3        |
| 32 Other manufacturing   | 100.0        | 83.2         | 80.2         | 78.2         | 82.4         | 87.0         | 81.1         | 77.6         | 78.9         | 78.2         |
| 33 Repair and installation of machinery and equipment  | 100.0        | 91.1         | 97.7         | 93.3         | 87.9         | 91.8         | 88.5         | 86.5         | 80.5         | 70.4         |
| <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> | <b>137.4</b> | <b>143.0</b> | <b>151.8</b> |



**Table 11.8. Index of Selected Industrial Production: Indonesia<sup>1)</sup>, 2010-2019 (Continued)**

(2010=100; annual change in percent)

| Division of Industry   | 2010 | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       | 2019       |
|--|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Change in Index</b>   |      |            |            |            |            |            |            |            |            |            |
| 10 Manufacture of food products  | -    | 6.8        | 12.6       | 10.8       | 10.5       | 6.9        | 6.2        | 9.9        | 7.8        | 7.1        |
| 11 Manufacture of beverages  | -    | 9.6        | -0.3       | 0.7        | 2.9        | -0.6       | -0.3       | -2.8       | 15.4       | 16.1       |
| 12 Manufacture of tobacco products   | -    | -0.6       | 5.2        | -0.7       | 8.0        | 4.8        | -2.8       | 1.1        | 11.7       | -6.3       |
| 13 Manufacture of textiles   | -    | -7.7       | -8.3       | -8.7       | -5.5       | -2.0       | -4.1       | 0.4        | 5.0        | 4.1        |
| 14 Manufacture of wearing apparels   | -    | 13.2       | 5.1        | 8.4        | 3.6        | -10.9      | -7.0       | 5.3        | 20.2       | 15.1       |
| 15 Manufacture of leather and related products   | -    | 28.5       | -7.0       | 4.2        | 6.2        | 3.6        | 8.2        | 5.6        | 18.8       | -6.3       |
| 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | -    | -32.3      | -4.4       | 9.1        | 9.1        | 0.9        | 1.2        | -0.3       | -0.4       | -7.4       |
| 17 Manufacture of paper and paper products   | -    | 13.2       | 5.1        | 8.4        | 2.9        | -3.6       | -2.8       | -2.5       | -0.1       | 7.3        |
| 18 Printing and reproduction of recorded media   | -    | 28.5       | -7.0       | 4.2        | -0.8       | 5.2        | -1.5       | 2.8        | 9.8        | 24.6       |
| 19 Manufacture of coke and refined petroleum products  | n.a. | n.a.       | -4.4       | 9.1        | n.a.       | n.a.       | n.a.       | n.a.       | n.a.       | n.a.       |
| 20 Manufacture of chemicals and chemical products  | -    | 2.0        | -4.4       | -2.1       | 6.0        | 0.9        | -0.2       | 6.3        | -6.1       | 12.7       |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | -    | 17.0       | -0.5       | 9.4        | 9.9        | 12.7       | 8.4        | 8.1        | 2.9        | 16.4       |
| 22 Manufacture of rubber and plastic products  | -    | 1.5        | 12.0       | -3.4       | 0.7        | 4.6        | -8.5       | 5.6        | 10.2       | -19.2      |
| 23 Manufacture of other non-methalic mineral products  | -    | 13.7       | 10.4       | 3.1        | 3.6        | 7.0        | 5.8        | -0.2       | 3.1        | 3.9        |
| 24 Manufacture of basic metals   | -    | 9.1        | -9.7       | 10.6       | 6.2        | 6.1        | 0.1        | 6.0        | 9.7        | 1.6        |
| 25 Manufacture of fabricated metal products, except machinery and equipment  | -    | 18.7       | 2.6        | 11.4       | 3.2        | 9.4        | 0.1        | 6.4        | 5.5        | -18.4      |
| 26 Manufacture of computers, electronic and optical products   | -    | -3.3       | 10.5       | 9.3        | -3.9       | 3.0        | 1.6        | -1.9       | -16.3      | -20.3      |
| 27 Manufacture of electrical equipment   | -    | 17.5       | 12.3       | 7.8        | 9.8        | -0.5       | -7.4       | -0.5       | 2.6        | 2.9        |
| 28 Manufacture of machinery and equipment n.e.c  | -    | 32.9       | -8.2       | -4.6       | 8.0        | 2.3        | 3.5        | 3.9        | 10.9       | -10.8      |
| 29 Manufacture of motor vehicle, trailers and semi-trailers  | -    | 21.4       | 2.8        | 11.5       | 4.2        | 5.2        | 0.1        | -1.0       | 5.4        | -6.5       |
| 30 Manufacture of other transport equipment  | -    | -21.6      | 3.7        | -2.5       | -4.1       | -6.2       | 0.5        | 4.9        | 2.7        | -0.6       |
| 31 Manufacture of furniture  | -    | 10.0       | -6.1       | 3.5        | 1.8        | 4.3        | 0.3        | 2.8        | 1.6        | 8.7        |
| 32 Other manufacturing   | -    | -16.8      | -3.6       | -2.4       | 5.4        | 5.5        | -6.7       | -4.4       | 1.7        | -1.0       |
| 33 Repair and installation of machinery and equipment  | -    | -8.9       | 7.2        | -4.6       | -5.8       | 4.4        | -3.6       | -2.2       | -7.0       | -12.5      |
| <b>All Manufacturing</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> | <b>4.7</b> | <b>4.1</b> | <b>6.2</b> |

Source:  
ASEAN Secretariat

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

**Table 11.9. Index of Selected Industrial Production: Malaysia, 2015-2019**

(2015=100; annual change in percent)

| Division of Industry                  |   | 2015         | 2016         | 2017         | 2018         | 2019         |
|---------------------------------------|---|--------------|--------------|--------------|--------------|--------------|
| <b>Index of Industrial Production</b> |   |              |              |              |              |              |
| 10                                    | Manufacture of food products  | 100.0        | 101.4        | 113.1        | 116.9        | 120.1        |
| 11                                    | Manufacture of beverages  | 100.0        | 110.0        | 120.0        | 123.7        | 127.2        |
| 12                                    | Manufacture of tobacco products   | 100.0        | 103.2        | 105.4        | 107.3        | 113.6        |
| 13                                    | Manufacture of textiles   | 100.0        | 104.8        | 109.4        | 112.5        | 117.5        |
| 14                                    | Manufacture of wearing apparels   | 100.0        | 108.3        | 120.9        | 127.6        | 135.4        |
| 15                                    | Manufacture of leather and related products   | 100.0        | 108.5        | 115.5        | 119.8        | 125.9        |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 100.0        | 103.3        | 106.8        | 112.9        | 118.4        |
| 17                                    | Manufacture of paper and paper products   | 100.0        | 104.5        | 110.3        | 115.0        | 120.0        |
| 18                                    | Printing and reproduction of recorded media   | 100.0        | 105.3        | 110.2        | 114.4        | 119.2        |
| 19                                    | Manufacture of coke and refined petroleum products  | 100.0        | 103.1        | 106.7        | 110.2        | 113.2        |
| 20                                    | Manufacture of chemicals and chemical products  | 100.0        | 106.0        | 110.6        | 115.5        | 117.5        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 100.0        | 104.4        | 109.5        | 115.9        | 120.7        |
| 22                                    | Manufacture of rubber and plastic products  | 100.0        | 103.6        | 108.4        | 113.4        | 118.9        |
| 23                                    | Manufacture of other non-metallic mineral products  | 100.0        | 104.4        | 109.1        | 115.1        | 120.3        |
| 24                                    | Manufacture of basic metals   | 100.0        | 102.1        | 107.6        | 112.1        | 116.6        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 100.0        | 105.0        | 110.1        | 115.5        | 119.8        |
| 26                                    | Manufacture of computers, electronic and optical products   | 100.0        | 108.1        | 116.2        | 124.1        | 127.7        |
| 27                                    | Manufacture of electrical equipment   | 100.0        | 105.8        | 112.5        | 115.5        | 119.5        |
| 28                                    | Manufacture of machinery and equipment n.e.c  | 100.0        | 105.5        | 112.5        | 117.3        | 121.4        |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 100.0        | 95.3         | 99.9         | 106.5        | 113.9        |
| 30                                    | Manufacture of other transport equipment  | 100.0        | 97.2         | 100.7        | 104.7        | 109.7        |
| 31                                    | Manufacture of furniture  | 100.0        | 110.0        | 116.7        | 122.1        | 132.0        |
| 32                                    | Other manufacturing   | 100.0        | 97.2         | 102.3        | 107.6        | 113.3        |
| 33                                    | Repair and installation of machinery and equipment  | 100.0        | 105.9        | 117.8        | 126.3        | 131.2        |
| <b>All Manufacturing</b>              |   | <b>100.0</b> | <b>104.3</b> | <b>110.7</b> | <b>116.0</b> | <b>120.1</b> |

**Table 11.9. Index of Selected Industrial Production: Malaysia, 2015-2019 (Continued)**

(2015=100; annual change in percent)

| Divison of Industry      |   | 2015 | 2016       | 2017       | 2018       | 2019       |
|--------------------------|---|------|------------|------------|------------|------------|
| <b>Change in Index</b>   |   |      |            |            |            |            |
| 10                       | Manufacture of food products  | -    | 1.4        | 11.5       | 3.3        | 2.8        |
| 11                       | Manufacture of beverages  | -    | 10.0       | 9.1        | 3.1        | 2.8        |
| 12                       | Manufacture of tobacco products   | -    | 3.2        | 2.1        | 1.8        | 5.8        |
| 13                       | Manufacture of textiles   | -    | 4.8        | 4.4        | 2.9        | 4.4        |
| 14                       | Manufacture of wearing apparels   | -    | 8.3        | 11.6       | 5.6        | 6.1        |
| 15                       | Manufacture of leather and related products   | -    | 8.5        | 6.5        | 3.7        | 5.1        |
| 16                       | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | -    | 3.3        | 3.4        | 5.7        | 4.9        |
| 17                       | Manufacture of paper and paper products   | -    | 4.5        | 5.6        | 4.3        | 4.3        |
| 18                       | Printing and reproduction of recorded media   | -    | 5.3        | 4.7        | 3.8        | 4.2        |
| 19                       | Manufacture of coke and refined petroleum products  | -    | 3.1        | 3.5        | 3.3        | 2.7        |
| 20                       | Manufacture of chemicals and chemical products  | -    | 6.0        | 4.3        | 4.4        | 1.8        |
| 21                       | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | -    | 4.4        | 4.9        | 5.8        | 4.2        |
| 22                       | Manufacture of rubber and plastic products  | -    | 3.6        | 4.6        | 4.6        | 4.9        |
| 23                       | Manufacture of other non-methalic mineral products  | -    | 4.4        | 4.5        | 5.5        | 4.5        |
| 24                       | Manufacture of basic metals   | -    | 2.1        | 5.4        | 4.2        | 4.0        |
| 25                       | Manufacture of fabricated metal products, except machinery and equipment  | -    | 5.0        | 4.9        | 4.9        | 3.7        |
| 26                       | Manufacture of computers, electronic and optical products   | -    | 8.1        | 7.5        | 6.8        | 2.9        |
| 27                       | Manufacture of electrical equipment   | -    | 5.8        | 6.3        | 2.7        | 3.4        |
| 28                       | Manufacture of machinery and equipment n.e.c  | -    | 5.5        | 6.6        | 4.3        | 3.5        |
| 29                       | Manufacture of motor vehicle, trailers and semi-trailers  | -    | -4.7       | 4.8        | 6.6        | 7.0        |
| 30                       | Manufacture of other transport equipment  | -    | -2.8       | 3.6        | 4.0        | 4.8        |
| 31                       | Manufacture of furniture  | -    | 10.0       | 6.1        | 4.7        | 8.1        |
| 32                       | Other manufacturing   | -    | n.a.       | n.a.       | n.a.       | n.a.       |
| 33                       | Repair and installation of machinery and equipment  | -    | 5.9        | 11.2       | 7.2        | 3.9        |
| <b>All Manufacturing</b> |   | -    | <b>4.3</b> | <b>6.1</b> | <b>4.8</b> | <b>3.6</b> |

Source:  
ASEAN Secretariat

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

**Table 11.10. Index of Selected Industrial Production: Philippines<sup>1)</sup>, 2010-2019**

(2006=100; annual change in percent)

| Division of Industry                  |   | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016     | 2017     | 2018     | 2019 <sup>2)</sup> |
|---------------------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|--------------------|
| <b>Index of Industrial Production</b> |   |              |              |              |              |              |              |          |          |          |                    |
| 10                                    | Manufacture of food products  | 239.2        | 218.2        | 265.5        | 247.7        | 260.5        | 224.6        | 275.4    | 293.4    | 312.2    | 288.3              |
| 11                                    | Manufacture of beverages  | 141.7        | 168.9        | 173.9        | 173.5        | 227.3        | 234.8        | 262.8    | 265.8    | 339.2    | 374.6              |
| 12                                    | Manufacture of tobacco products   | 14.8         | 12.3         | 9.6          | 9.6          | 10.3         | 13.6         | 14.9     | 13.3     | 11.5     | 13.5               |
| 13                                    | Manufacture of textiles   | 81.7         | 81.2         | 81.0         | 57.6         | 66.2         | 73.3         | 66.1     | 46.4     | 64.6     | 64.0               |
| 14                                    | Manufacture of wearing apparels   | 71.2         | 72.7         | 137.7        | 121.1        | 100.9        | 93.8         | 86.9     | 68.7     | 61.9     | 62.7               |
| 15                                    | Manufacture of leather and related products   | 4.3          | 4.0          | 4.8          | 5.4          | 6.2          | 6.6          | 1.2      | 1.2      | 1.2      | 1.2                |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 76.4         | 61.2         | 67.3         | 70.8         | 77.8         | 55.2         | 56.9     | 62.3     | 64.4     | 73.8               |
| 17                                    | Manufacture of paper and paper products   | 93.7         | 103.9        | 95.4         | 80.3         | 82.9         | 92.1         | 94.2     | 97.8     | 116.0    | 123.1              |
| 18                                    | Printing and reproduction of recorded media   | 137.5        | 136.3        | 146.9        | 151.6        | 443.3        | 446.7        | 451.7    | 546.4    | 164.3    | 293.6              |
| 19                                    | Manufacture of coke and refined petroleum products  | 158.6        | 199.6        | 191.4        | 169.5        | 172.8        | 128.1        | 118.3    | 140.9    | 199.7    | 112.7              |
| 20                                    | Manufacture of chemicals and chemical products  | 160.2        | 193.4        | 194.0        | 409.0        | 417.2        | 464.0        | 462.1    | 230.0    | 238.7    | 241.8              |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 167.8        | 186.9        | 193.9        | 971.5        | 1,039.4      | 1,208.0      | 1,435.9  | -        | -        | -                  |
| 22                                    | Manufacture of rubber and plastic products  | 136.8        | 160.3        | 167.3        | 162.6        | 163.0        | 160.7        | 192.3    | 163.6    | 167.9    | 182.3              |
| 23                                    | Manufacture of other non-ferrous metal products   | 117.0        | 141.4        | 159.2        | 121.0        | 59.6         | 55.4         | 61.1     | n.a.     | 237.8    | 253.8              |
| 24                                    | Manufacture of basic metals   | 249.7        | 249.8        | 210.4        | 253.6        | 240.5        | 232.3        | 262.1    | 384.9    | 396.0    | 327.4              |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 333.6        | 352.5        | 331.6        | 305.9        | 390.3        | 389.3        | 326.0    | 393.6    | 341.5    | 388.4              |
| 26                                    | Manufacture of computers, electronic and optical products   | 126.4        | 117.1        | 123.0        | 122.7        | 128.1        | 123.1        | -        | -        | -        | -                  |
| 27                                    | Manufacture of electrical equipment   | 43.4         | 29.9         | 32.3         | 39.9         | 47.6         | 49.2         | -        | -        | 151.2    | 138.2              |
| 28                                    | Manufacture of machinery and equipment n.e.c  | -            | -            | -            | -            | -            | -            | 182.5    | 182.0    | 61.8     | 65.3               |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 150.1        | 141.2        | 182.8        | 139.9        | 142.6        | 148.2        | -        | -        | -        | -                  |
| 30                                    | Manufacture of other transport equipment  | 150.1        | 141.2        | 182.8        | 140.1        | 142.6        | 148.3        | 181.2    | 207.5    | 205.8    | 200.1              |
| 31                                    | Manufacture of furniture  | 71.2         | 88.8         | 109.4        | 126.5        | 123.8        | 89.0         | 64.6     | 71.9     | 69.3     | 74.5               |
| 32                                    | Other manufacturing   | 141.4        | 161.1        | 130.1        | 82.0         | 75.7         | 81.7         | -        | -        | 88.7     | 81.6               |
| 33                                    | Repair and installation of machinery and equipment  | -            | -            | -            | -            | -            | -            | -        | -        | -        | -                  |
| <b>All Manufacturing</b>              |   | <b>151.0</b> | <b>154.2</b> | <b>165.1</b> | <b>174.0</b> | <b>184.8</b> | <b>176.9</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b>           |

**Table 11.10. Index of Selected Industrial Production: Philippines<sup>1)</sup>, 2010-2019 (Continued)**

(2006=100; annual change in percent)

| Divison of Industry  | 2010        | 2011       | 2012       | 2013       | 2014       | 2015        | 2016     | 2017     | 2018     | 2019 <sup>2)</sup> |
|--|-------------|------------|------------|------------|------------|-------------|----------|----------|----------|--------------------|
| <b>Change in Index</b>   |             |            |            |            |            |             |          |          |          |                    |
| 10 Manufacture of food products  | 7.7         | -8.8       | 21.7       | -6.7       | 5.2        | -13.8       | 22.6     | 6.5      | 6.4      | -7.7               |
| 11 Manufacture of beverages  | 14.9        | 19.2       | 3.0        | -0.2       | 31.0       | 3.3         | 11.9     | 1.1      | 27.6     | 10.4               |
| 12 Manufacture of tobacco products   | -46.0       | -16.9      | -22.0      | 0.0        | 7.3        | 32.0        | 9.6      | -10.5    | -13.7    | 17.4               |
| 13 Manufacture of textiles   | 8.8         | -0.6       | -0.2       | -28.9      | 14.9       | 10.7        | -9.8     | -29.7    | 39.1     | -0.9               |
| 14 Manufacture of wearing apparels   | -15.0       | 2.1        | 89.4       | -12.1      | -16.7      | -7.0        | -7.4     | -21.0    | -9.9     | 1.3                |
| 15 Manufacture of leather and related products   | 19.4        | -7.0       | 20.0       | 12.5       | 14.8       | 6.5         | -81.8    | 0.0      | 0.0      | 0.0                |
| 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 9.9         | -19.9      | 10.0       | 5.2        | 9.9        | -29.0       | 3.1      | 9.4      | 3.4      | 14.6               |
| 17 Manufacture of paper and paper products   | 10.0        | 10.9       | -8.2       | -15.8      | 3.2        | 11.1        | 2.3      | 3.8      | 18.6     | 6.1                |
| 18 Printing and reproduction of recorded media   | 5.0         | -0.9       | 7.8        | 3.2        | 192.4      | 0.8         | 1.1      | 21.0     | -69.9    | 78.7               |
| 19 Manufacture of coke and refined petroleum products  | 55.9        | 25.9       | -4.1       | -11.4      | 1.9        | -25.9       | -7.7     | 19.1     | 41.7     | -43.6              |
| 20 Manufacture of chemicals and chemical products  | -0.1        | 20.7       | 0.3        | 110.8      | 2.0        | 11.2        | -0.4     | -50.2    | 3.8      | 1.3                |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | -6.5        | 11.4       | 3.7        | 401.0      | 7.0        | 16.2        | 18.9     | -        | -        | -                  |
| 22 Manufacture of rubber and plastic products  | 19.5        | 17.2       | 4.4        | -2.8       | 0.2        | -1.4        | 19.7     | -14.9    | 2.6      | 8.6                |
| 23 Manufacture of other non-ferrous metal products   | 31.0        | 20.9       | 12.6       | -24.0      | -50.7      | -7.0        | 10.3     | -        | -        | -                  |
| 24 Manufacture of basic metals   | 24.5        | 0.0        | -15.8      | 20.5       | -5.2       | -3.4        | 12.8     | 46.9     | 2.9      | -17.3              |
| 25 Manufacture of fabricated metal products, except machinery and equipment  | 16.2        | 5.7        | -5.9       | -7.8       | 27.6       | -0.3        | -16.3    | 20.7     | -13.2    | 13.7               |
| 26 Manufacture of computers, electronic and optical products   | 24.4        | -7.4       | 5.0        | -0.2       | 4.4        | -3.9        | -        | -        | -        | -                  |
| 27 Manufacture of electrical equipment   | 21.2        | -31.1      | 8.0        | 23.5       | 19.3       | 3.4         | -        | -        | -        | -                  |
| 28 Manufacture of machinery and equipment n.e.c  | -           | -          | -          | -          | -          | -           | -        | -0.3     | -66.0    | 5.7                |
| 29 Manufacture of motor vehicle, trailers and semi-trailers  | 33.4        | -5.9       | 29.5       | -23.5      | 1.9        | 3.9         | -        | -        | -        | -                  |
| 30 Manufacture of other transport equipment  | 33.4        | -5.9       | 29.5       | -23.4      | 1.8        | 4.0         | 22.2     | 14.5     | -0.8     | -2.8               |
| 31 Manufacture of furniture  | -18.5       | 24.7       | 23.2       | 15.6       | -2.1       | -28.1       | -27.4    | 11.3     | -3.7     | 7.5                |
| 32 Other manufacturing   | 40.4        | 13.9       | -19.2      | -37.0      | -7.7       | 7.9         | -        | -        | -        | -                  |
| 33 Repair and installation of machinery and equipment  | -           | -          | -          | -          | -          | -           | -        | -        | -        | -                  |
| <b>All Manufacturing</b>   | <b>16.9</b> | <b>2.1</b> | <b>7.1</b> | <b>5.4</b> | <b>6.2</b> | <b>-4.3</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b>           |

Source:  
ASEAN Secretariat

Notes:  
1) Covers establishments with total employment of 20 and over  
2) Data for 2019 is a projection  
n.a. not applicable  
'-' not available at the time of publication

**Table 11.11. Index of Selected Industrial Production: Singapore, 2010-2019**

(2019=100; annual change in percent)

| Division of Industry                  |  | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018         | 2019         |
|---------------------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| <b>Index of Industrial Production</b> |  |             |             |             |             |             |             |             |             |              |              |
| 10                                    | Manufacture of food products   | 78.4        | 81.3        | 84.1        | 84.1        | 85.4        | 85.9        | 89.1        | 94.8        | 97.7         | 100.0        |
| 11                                    | Manufacture of beverages   | -           | -           | -           | -           | -           | -           | -           | -           | -            | -            |
| 12                                    | Manufacture of food, beverages and tobacco products  | -           | -           | -           | -           | -           | -           | -           | -           | -            | -            |
| 13                                    | Manufacture of textiles  | 245.2       | 200.8       | 205.1       | 174.9       | 150.4       | 146.4       | 135.3       | 124.3       | 114.5        | 100.0        |
| 14                                    | Manufacture of wearing apparels  | 256.1       | 207.8       | 191.4       | 161.7       | 102.9       | 48.4        | 40.4        | 42.7        | 40.0         | 100.0        |
| 15                                    | Manufacture of leather and related products  | 138.5       | 169.3       | 166.8       | 185.9       | 162.3       | 152.4       | 135.4       | 120.4       | 112.3        | 100.0        |
| 16                                    | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 130.5       | 125.5       | 122.1       | 134.8       | 140.2       | 130.8       | 124.2       | 121.5       | 112.5        | 100.0        |
| 17                                    | Manufacture of paper and paper products  | 104.2       | 98.3        | 95.7        | 101.4       | 101.6       | 97.2        | 94.6        | 93.5        | 100.1        | 100.0        |
| 18                                    | Printing and reproduction of recorded media  | 226.9       | 219.2       | 203.9       | 188.8       | 175.9       | 166.0       | 141.2       | 121.4       | 110.6        | 100.0        |
| 19                                    | Manufacture of coke and refined petroleum products   | 96.1        | 100.5       | 99.9        | 94.0        | 86.0        | 93.3        | 97.2        | 105.9       | 105.4        | 100.0        |
| 20                                    | Manufacture of chemicals and chemical products   | 76.2        | 78.1        | 78.5        | 81.3        | 88.9        | 92.0        | 90.9        | 96.9        | 101.8        | 100.0        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products   | 60.7        | 80.7        | 88.6        | 86.5        | 93.4        | 85.3        | 97.1        | 83.2        | 89.7         | 100.0        |
| 22                                    | Manufacture of rubber and plastic products   | 143.4       | 127.7       | 123.2       | 118.9       | 118.6       | 108.6       | 99.2        | 101.7       | 100.1        | 100.0        |
| 23                                    | Manufacture of other non-ferrous metal products  | 167.1       | 180.6       | 178.0       | 175.8       | 148.5       | 163.6       | 146.9       | 119.0       | 104.8        | 100.0        |
| 24                                    | Manufacture of basic metals  | 120.7       | 118.1       | 107.0       | 90.3        | 116.1       | 117.0       | 124.2       | 126.7       | 110.9        | 100.0        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment   | 116.6       | 112.5       | 118.3       | 118.4       | 118.7       | 110.2       | 103.3       | 100.6       | 100.8        | 100.0        |
| 26                                    | Manufacture of computers, electronic and optical products  | 81.6        | 71.9        | 65.1        | 67.8        | 68.2        | 64.6        | 73.7        | 98.0        | 106.0        | 100.0        |
| 27                                    | Manufacture of electrical equipment  | 76.0        | 61.2        | 60.8        | 66.4        | 74.3        | 75.9        | 77.0        | 84.8        | 95.1         | 100.0        |
| 28                                    | Manufacture of machinery and equipment n.e.c   | 85.1        | 108.5       | 122.1       | 124.2       | 134.5       | 113.8       | 91.9        | 98.0        | 111.9        | 100.0        |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers   | 54.9        | 63.9        | 62.8        | 77.0        | 82.6        | 90.7        | 95.5        | 113.6       | 109.7        | 100.0        |
| 30                                    | Manufacture of other transport equipment   | 92.0        | 97.9        | 104.1       | 105.3       | 101.1       | 94.7        | 95.7        | 94.1        | 97.0         | 100.0        |
| 31                                    | Manufacture of furniture   | 238.8       | 210.2       | 223.0       | 217.6       | 193.1       | 170.2       | 161.6       | 115.8       | 108.7        | 100.0        |
| 32                                    | Other manufacturing  | 43.6        | 47.3        | 50.7        | 55.2        | 58.9        | 69.4        | 76.7        | 84.2        | 92.9         | 100.0        |
| 33                                    | Repair and installation of machinery and equipment   | -           | -           | -           | -           | -           | -           | -           | -           | -            | -            |
| <b>All Manufacturing</b>              |  | <b>77.3</b> | <b>83.3</b> | <b>83.6</b> | <b>85.0</b> | <b>87.3</b> | <b>82.8</b> | <b>85.9</b> | <b>94.8</b> | <b>101.5</b> | <b>100.0</b> |

**Table 11.11. Index of Selected Industrial Production: Singapore, 2010-2019 (Continued)**

(2019=100; annual change in percent)

| Division of Industry     |   | 2010        | 2011       | 2012       | 2013       | 2014       | 2015        | 2016       | 2017        | 2018       | 2019        |
|--------------------------|---|-------------|------------|------------|------------|------------|-------------|------------|-------------|------------|-------------|
| <b>Change in index</b>   |   |             |            |            |            |            |             |            |             |            |             |
| 12                       | Manufacture of food, beverages and tobacco products   | n.a         | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a         | n.a        | n.a         |
| 13                       | Manufacture of textiles   | -16.3       | -18.1      | 2.1        | -14.7      | -14.0      | -2.6        | -7.6       | -8.1        | -7.9       | -12.6       |
| 14                       | Manufacture of wearing apparels   | -41.6       | -18.9      | -7.9       | -15.5      | -36.4      | -53.0       | -16.6      | 5.8         | -6.3       | 149.9       |
| 15                       | Manufacture of leather and related products   | 2.9         | 22.2       | -1.5       | 11.4       | -12.7      | -6.1        | -11.2      | -11.0       | -6.8       | -10.9       |
| 16                       | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 2.5         | -3.8       | -2.7       | 10.4       | 4.0        | -6.7        | -5.0       | -2.2        | -7.4       | -11.1       |
| 17                       | Manufacture of paper and paper products   | 11.2        | -5.7       | -2.5       | 5.9        | 0.1        | -4.3        | -2.7       | -1.2        | 7.1        | -0.1        |
| 18                       | Printing and reproduction of recorded media   | 2.6         | -3.4       | -7.0       | -7.4       | -6.8       | -5.6        | -14.9      | -14.0       | -8.9       | -9.6        |
| 19                       | Manufacture of coke and refined petroleum products  | -0.8        | 4.6        | -0.6       | -5.9       | -8.5       | 8.5         | 4.2        | 8.9         | -0.5       | -5.1        |
| 20                       | Manufacture of chemicals and chemical products  | 21.5        | 2.5        | 0.5        | 3.6        | 9.4        | 3.4         | -1.1       | 6.5         | 5.1        | -1.7        |
| 21                       | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 53.2        | 32.9       | 9.7        | -2.3       | 7.9        | -8.6        | 13.8       | -14.3       | 7.7        | 11.5        |
| 22                       | Manufacture of rubber and plastic products  | 10.9        | -10.9      | -3.5       | -3.5       | -0.3       | -8.4        | -8.6       | 2.5         | -1.6       | -0.1        |
| 23                       | Manufacture of other non-metallic mineral products  | 0.7         | 8.1        | -1.4       | -1.3       | -15.5      | 10.2        | -10.2      | -19.0       | -12.0      | -4.6        |
| 24                       | Manufacture of basic metals   | 10.4        | -2.1       | -9.4       | -15.6      | 28.6       | 0.7         | 6.2        | 1.9         | -12.4      | -9.8        |
| 25                       | Manufacture of fabricated metal products, except machinery and equipment  | 14.1        | -3.5       | 5.1        | 0.1        | 0.3        | -7.2        | -6.2       | -2.7        | 0.2        | -0.8        |
| 26                       | Manufacture of computers, electronic and optical products   | 33.3        | -11.9      | -9.4       | 4.2        | 0.6        | -5.3        | 14.1       | 33.0        | 8.2        | -5.7        |
| 27                       | Manufacture of electrical equipment   | 43.1        | -19.4      | -0.7       | 9.2        | 11.9       | 2.2         | 1.5        | 10.1        | 12.2       | 5.2         |
| 28                       | Manufacture of machinery and equipment n.e.c  | 37.1        | 27.4       | 12.6       | 1.8        | 8.3        | -15.4       | -19.2      | 6.6         | 14.2       | -10.7       |
| 29                       | Manufacture of motor vehicle, trailers and semi-trailers  | 38.2        | 16.4       | -1.9       | 22.7       | 7.2        | 9.8         | 5.3        | 19.0        | -3.4       | -8.9        |
| 30                       | Manufacture of other transport equipment  | -2.1        | 6.4        | 6.3        | 1.1        | -4.0       | -6.3        | 1.0        | -1.7        | 3.1        | 3.1         |
| 31                       | Manufacture of furniture  | 10.2        | -12.0      | 6.1        | -2.4       | -11.3      | -11.9       | -5.1       | -28.4       | -6.1       | -8.0        |
| 32                       | Other manufacturing   | 10.6        | 8.6        | 7.0        | 9.0        | 6.7        | 17.9        | 10.4       | 9.9         | 10.2       | 7.7         |
| 33                       | Repair and installation of machinery and equipment  | n.a         | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a         | n.a        | n.a         |
| <b>All Manufacturing</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> | <b>10.4</b> | <b>7.0</b> | <b>-1.5</b> |

Source:  
ASEAN Secretariat

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

**Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2019**

(2011=100; annual change in percent)

| Division of Industry                  |   | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |
|---------------------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <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        | 107.9        | 110.2        | 107.4        |
| 12                                    | Manufacture of tobacco products   | 100.0        | 115.7        | 122.3        | 126.6        | 128.1        | 127.9        | 128.0        | 99.0         | 107.1        |
| 13                                    | Manufacture of textiles   | 100.0        | 98.8         | 99.8         | 96.6         | 94.3         | 85.7         | 71.2         | 69.0         | 64.4         |
| 14                                    | Manufacture of wearing apparels   | 100.0        | 92.2         | 98.7         | 97.4         | 90.7         | 84.9         | 76.1         | 103.4        | 93.0         |
| 15                                    | Manufacture of leather and related products   | 100.0        | 95.1         | 93.6         | 98.5         | 96.1         | 89.4         | 87.5         | 100.1        | 94.9         |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 100.0        | 91.8         | 90.5         | 84.0         | 84.1         | 77.2         | 75.5         | 103.8        | 105.5        |
| 17                                    | Manufacture of paper and paper products   | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 18                                    | Printing and reproduction of recorded media   | 100.0        | 98.2         | 96.0         | 96.2         | 94.6         | 96.7         | 116.0        | 106.7        | 106.1        |
| 19                                    | Manufacture of coke and refined petroleum products  | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 20                                    | Manufacture of chemicals and chemical products  | 100.0        | 107.2        | 108.9        | 102.2        | 115.2        | 111.4        | 164.1        | 110.8        | 104.9        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 100.0        | 103.9        | 103.5        | 105.8        | 107.0        | 106.0        | 110.2        | 106.7        | 105.6        |
| 22                                    | Manufacture of rubber and plastic products  | 100.0        | 109.7        | 101.1        | 118.1        | 131.7        | 131.7        | 156.6        | 122.5        | 130.2        |
| 23                                    | Manufacture of other non-ferrous metal products   | 100.0        | 100.9        | 102.2        | 99.7         | 99.5         | 100.5        | 104.2        | 102.9        | 95.5         |
| 24                                    | Manufacture of basic metals   | 100.0        | 102.7        | 108.3        | 103.3        | 100.9        | 101.0        | 95.1         | 102.4        | 101.5        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 100.0        | 103.4        | 106.7        | 109.5        | 103.3        | 112.8        | 118.6        | 106.3        | 95.5         |
| 26                                    | Manufacture of computers, electronic and optical products   | 100.0        | 121.3        | 113.1        | 114.4        | 116.9        | 119.0        | 112.7        | 98.9         | 91.3         |
| 27                                    | Manufacture of electrical equipment   | 100.0        | 69.7         | 89.5         | 109.2        | 100.2        | 89.5         | 101.2        | 100.1        | 94.5         |
| 28                                    | Manufacture of machinery and equipment n.e.c  | 100.0        | 106.4        | 104.7        | 101.2        | 103.2        | 104.8        | 105.0        | 98.5         | 91.5         |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 100.0        | 114.3        | 126.7        | 128.2        | 124.6        | 151.3        | 131.6        | 93.1         | 101.1        |
| 30                                    | Manufacture of other transport equipment  | 100.0        | 146.4        | 143.8        | 107.0        | 110.0        | 109.9        | 132.4        | 112.0        | 105.2        |
| 31                                    | Manufacture of furniture  | 100.0        | 106.0        | 92.6         | 79.0         | 77.7         | 81.7         | 83.9         | 104.2        | 102.2        |
| 32                                    | Other manufacturing   | 100.0        | 103.7        | 81.4         | 81.1         | 83.3         | 74.5         | 68.6         | 95.8         | 94.5         |
| 33                                    | Repair and installation of machinery and equipment  | 100.0        | 107.1        | 123.7        | 143.0        | 159.2        | 174.9        | 160.3        | 96.6         | 90.4         |
| <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> | <b>111.9</b> | <b>105.5</b> | <b>101.6</b> |



**Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2019 (Continued)**

(2011=100; annual change in percent)

| Division of Industry     |   | 2011 | 2012       | 2013       | 2014        | 2015        | 2016       | 2017       | 2018        | 2019        |
|--------------------------|---|------|------------|------------|-------------|-------------|------------|------------|-------------|-------------|
| <b>Change in Index</b>   |   |      |            |            |             |             |            |            |             |             |
| 10/11                    | Manufacture of food products and beverages  | -    | 1.3        | -1.1       | 2.1         | -1.2        | 1.7        | 4.9        | 2.1         | -2.5        |
| 12                       | Manufacture of tobacco products   | -    | 15.7       | 5.7        | 3.5         | 1.2         | -0.2       | 0.1        | -22.7       | 8.2         |
| 13                       | Manufacture of textiles   | -    | -1.2       | 1.1        | -3.2        | -2.4        | -9.2       | -16.9      | -3.1        | -6.7        |
| 14                       | Manufacture of wearing apparels   | -    | -7.8       | 7.0        | -1.4        | -6.8        | -6.4       | -10.3      | 35.8        | -10.1       |
| 15                       | Manufacture of leather and related products   | -    | -4.9       | -1.5       | 5.2         | -2.5        | -7.0       | -2.1       | 14.4        | -5.2        |
| 16                       | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | -    | -8.3       | -1.4       | -7.1        | 0.0         | -8.2       | -2.2       | 37.5        | 1.6         |
| 17                       | Manufacture of paper and paper products   | -    | n.a        | n.a        | n.a         | n.a         | n.a        | n.a        | n.a         | n.a         |
| 18                       | Printing and reproduction of recorded media   | -    | -1.8       | -2.2       | 0.2         | -1.6        | 2.1        | 20.0       | -8.0        | -0.5        |
| 19                       | Manufacture of coke and refined petroleum products  | -    | n.a        | n.a        | n.a         | n.a         | n.a        | n.a        | n.a         | n.a         |
| 20                       | Manufacture of chemicals and chemical products  | -    | 7.2        | 1.7        | -6.2        | 12.8        | -3.3       | 47.3       | -32.5       | -5.3        |
| 21                       | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | -    | 3.8        | -0.4       | 2.3         | 1.2         | -0.9       | 3.9        | -3.2        | -1.0        |
| 22                       | Manufacture of rubber and plastic products  | -    | 9.7        | -7.8       | 16.8        | 11.5        | -0.0       | 19.0       | -21.8       | 6.3         |
| 23                       | Manufacture of other non-methalic mineral products  | -    | 0.9        | 1.3        | -2.5        | -0.3        | 1.0        | 3.7        | -1.3        | -7.1        |
| 24                       | Manufacture of basic metals   | -    | 2.7        | 5.4        | -4.6        | -2.3        | 0.1        | -5.8       | 7.6         | -0.9        |
| 25                       | Manufacture of fabricated metal products, except machinery and equipment  | -    | 3.4        | 3.1        | 2.6         | -5.6        | 9.2        | 5.1        | -10.4       | -10.1       |
| 26                       | Manufacture of computers, electronic and optical products   | -    | 21.3       | -6.8       | 1.1         | 2.2         | 1.8        | -5.3       | -12.2       | -7.7        |
| 27                       | Manufacture of electrical equipment   | -    | -30.3      | 28.4       | 22.0        | -8.2        | -10.7      | 13.1       | -1.1        | -5.6        |
| 28                       | Manufacture of machinery and equipment n.e.c  | -    | 6.4        | -1.6       | -3.4        | 2.0         | 1.6        | 0.1        | -6.2        | -7.1        |
| 29                       | Manufacture of motor vehicle, trailers and semi-trailers  | -    | 14.3       | 10.9       | 1.2         | -2.8        | 21.4       | -13.0      | -29.2       | 8.5         |
| 30                       | Manufacture of other transport equipment  | -    | 46.4       | -1.7       | -25.6       | 2.9         | -0.1       | 20.5       | -15.4       | -6.1        |
| 31                       | Manufacture of furniture  | -    | 6.0        | -12.7      | -14.6       | -1.7        | 5.2        | 2.6        | 24.2        | -1.9        |
| 32                       | Other manufacturing   | -    | 3.7        | -21.6      | -0.3        | 2.7         | -10.6      | -7.9       | 39.7        | -1.4        |
| 33                       | Repair and installation of machinery and equipment  | -    | 7.1        | 15.5       | 15.6        | 11.3        | 9.8        | -8.4       | -39.7       | -6.5        |
| <b>All Manufacturing</b> |   | -    | <b>8.9</b> | <b>1.8</b> | <b>-4.8</b> | <b>-0.2</b> | <b>0.8</b> | <b>5.5</b> | <b>-5.7</b> | <b>-3.7</b> |

Source:  
ASEAN Secretariat

Notes:  
n.a. not applicable

**Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011-2019**

(2011=100; annual change in percent)

| Division of Industry                  |   | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         |
|---------------------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Index of Industrial Production</b> |   |              |              |              |              |              |              |              |              |              |
| 10                                    | Manufacture of food products  | 100.0        | 107.9        | 106.0        | 104.8        | 107.8        | 108.2        | 105.3        | 108.2        | 109.5        |
| 11                                    | Manufacture of beverages  | 100.0        | 111.3        | 109.2        | 109.5        | 107.0        | 110.4        | 110.0        | 107.9        | 110.5        |
| 12                                    | Manufacture of tobacco products   | 100.0        | 100.7        | 106.2        | 87.4         | 103.8        | 103.3        | 98.8         | 108.8        | 102.7        |
| 13                                    | Manufacture of textiles   | 100.0        | 104.2        | 121.0        | 119.7        | 114.0        | 116.9        | 109.5        | 112.5        | 111.4        |
| 14                                    | Manufacture of wearing apparels   | 100.0        | 107.5        | 110.9        | 112.2        | 104.6        | 107.5        | 106.0        | 110.9        | 106.9        |
| 15                                    | Manufacture of leather and related products   | 100.0        | 107.8        | 118.7        | 122.0        | 117.0        | 103.5        | 104.0        | 110.4        | 110.0        |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 100.0        | -            | -            | -            | -            | -            | -            | 104.0        | 110.2        |
| 17                                    | Manufacture of paper and paper products   | 100.0        | 115.2        | 120.0        | 115.5        | 111.7        | 107.2        | 108.5        | 113.9        | 111.6        |
| 18                                    | Printing and reproduction of recorded media   | 100.0        | -            | -            | -            | -            | -            | -            | 107.7        | 115.3        |
| 19                                    | Manufacture of coke and refined petroleum products  | 100.0        | -            | -            | -            | -            | -            | -            | 165.3        | 121.0        |
| 20                                    | Manufacture of chemicals and chemical products  | 100.0        | 110.0        | 107.9        | 104.4        | 104.9        | 101.4        | 108.4        | 108.2        | 106.5        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 100.0        | 106.0        | 111.2        | 101.8        | 103.4        | 102.7        | 106.0        | 119.5        | 97.9         |
| 22                                    | Manufacture of rubber and plastic products  | 100.0        | 110.4        | 109.5        | 103.6        | 111.5        | 110.2        | 113.1        | 103.2        | 114.3        |
| 23                                    | Manufacture of other non-metallic mineral products  | 100.0        | 94.9         | 104.6        | 108.8        | 112.0        | 112.3        | 106.7        | 110.8        | 107.5        |
| 24                                    | Manufacture of basic metals   | 100.0        | 106.4        | 98.2         | 109.9        | 112.1        | 117.9        | 122.0        | 125.0        | 128.6        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 100.0        | 107.9        | 117.0        | 113.3        | 103.0        | 109.7        | 112.9        | 112.0        | 108.6        |
| 26                                    | Manufacture of computers, electronic and optical products   | 100.0        | 114.4        | 102.2        | 135.2        | 135.1        | 112.5        | 132.5        | 110.7        | 106.6        |
| 27                                    | Manufacture of electrical equipment   | 100.0        | 103.2        | 110.7        | 102.6        | 110.2        | 107.4        | 109.2        | 106.9        | 110.0        |
| 28                                    | Manufacture of machinery and equipment n.e.c  | 100.0        | -            | -            | -            | -            | -            | -            | 104.1        | 111.9        |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 100.0        | 108.9        | 113.9        | 123.1        | 127.0        | 117.5        | 99.8         | 116.0        | 107.3        |
| 30                                    | Manufacture of other transport equipment  | 100.0        | 91.7         | 98.3         | 101.2        | 104.2        | 107.2        | 108.7        | 104.0        | 94.9         |
| 31                                    | Manufacture of furniture  | 100.0        | 118.9        | 96.0         | 103.5        | 107.4        | 111.1        | 106.2        | 112.7        | 111.6        |
| 32                                    | Other manufacturing   | 100.0        | -            | -            | -            | -            | -            | -            | 111.7        | 172.4        |
| 33                                    | Repair and installation of machinery and equipment  | 100.0        | -            | -            | -            | -            | -            | -            | 106.7        | 101.9        |
| <b>All Manufacturing</b>              |   | <b>100.0</b> | <b>105.8</b> | <b>105.9</b> | <b>107.6</b> | <b>109.8</b> | <b>107.4</b> | <b>109.5</b> | <b>110.1</b> | <b>109.1</b> |

**Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011–2019 (Continued)**

(2011=100; annual change in percent)

| Division of Industry     |   | 2011 | 2012       | 2013       | 2014       | 2015       | 2016        | 2017       | 2018       | 2019        |
|--------------------------|---|------|------------|------------|------------|------------|-------------|------------|------------|-------------|
| <b>Change in Index</b>   |   |      |            |            |            |            |             |            |            |             |
| 10                       | Manufacture of food products  | -    | 7.9        | -1.7       | -1.2       | 2.9        | 0.4         | -2.7       | 2.7        | 1.3         |
| 11                       | Manufacture of beverages  | -    | 11.3       | -1.9       | 0.3        | -2.3       | 3.2         | -0.3       | -2.0       | 2.5         |
| 12                       | Manufacture of tobacco products   | -    | 0.7        | 5.4        | -17.7      | 18.8       | -0.5        | -4.3       | 10.2       | -5.6        |
| 13                       | Manufacture of textiles   | -    | 4.2        | 16.1       | -1.0       | -4.8       | 2.5         | -6.3       | 2.7        | -1.0        |
| 14                       | Manufacture of wearing apparels   | -    | 7.5        | 3.1        | 1.2        | -6.8       | 2.8         | -1.4       | 4.6        | -3.6        |
| 15                       | Manufacture of leather and related products   | -    | 7.8        | 10.1       | 2.8        | -4.1       | -11.6       | 0.5        | 6.2        | -0.4        |
| 16                       | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| 17                       | Manufacture of paper and paper products   | -    | 15.2       | 4.2        | -3.7       | -3.4       | -4.0        | 1.2        | 5.0        | -2.0        |
| 18                       | Printing and reproduction of recorded media   | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| 19                       | Manufacture of coke and refined petroleum products  | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| 20                       | Manufacture of chemicals and chemical products  | -    | 10.0       | -1.9       | -3.3       | 0.5        | -3.4        | 6.9        | -0.2       | -1.6        |
| 21                       | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | -    | 6.0        | 4.9        | -8.4       | 1.6        | -0.7        | 3.2        | 12.7       | -18.1       |
| 22                       | Manufacture of rubber and plastic products  | -    | 10.4       | -0.8       | -5.4       | 7.6        | -1.1        | 2.6        | -8.8       | 10.7        |
| 23                       | Manufacture of other non-ferrous metal products   | -    | -5.1       | 10.2       | 4.1        | 3.0        | 0.2         | -5.0       | 3.8        | -3.0        |
| 24                       | Manufacture of basic metals   | -    | 6.4        | -7.7       | 11.9       | 2.0        | 5.1         | 3.5        | 2.5        | 2.9         |
| 25                       | Manufacture of fabricated metal products, except machinery and equipment  | -    | 7.9        | 8.4        | -3.2       | -9.0       | 6.5         | 2.9        | -0.8       | -3.0        |
| 26                       | Manufacture of computers, electronic and optical products   | -    | 14.4       | -10.6      | 32.3       | -0.1       | -16.7       | 17.8       | -16.5      | -3.6        |
| 27                       | Manufacture of electrical equipment   | -    | 3.2        | 7.3        | -7.4       | 7.4        | -2.6        | 1.7        | -2.1       | 2.9         |
| 28                       | Manufacture of machinery and equipment n.e.c  | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| 29                       | Manufacture of motor vehicle, trailers and semi-trailers  | -    | 8.9        | 4.6        | 8.1        | 3.2        | -7.5        | -15.0      | 16.2       | -7.5        |
| 30                       | Manufacture of other transport equipment  | -    | -8.3       | 7.2        | 2.9        | 2.9        | 2.9         | 1.5        | -4.4       | -8.7        |
| 31                       | Manufacture of furniture  | -    | 18.9       | -19.3      | 7.8        | 3.8        | 3.4         | -4.5       | 6.1        | -1.0        |
| 32                       | Other manufacturing   | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| 33                       | Repair and installation of machinery and equipment  | -    | n.a        | n.a        | n.a        | n.a        | n.a         | n.a        | n.a        | n.a         |
| <b>All Manufacturing</b> |   | -    | <b>5.8</b> | <b>0.1</b> | <b>1.6</b> | <b>2.0</b> | <b>-2.2</b> | <b>2.0</b> | <b>0.5</b> | <b>-0.9</b> |

Source:  
ASEAN Secretariat

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



# CHAPTER 12

## Other Social



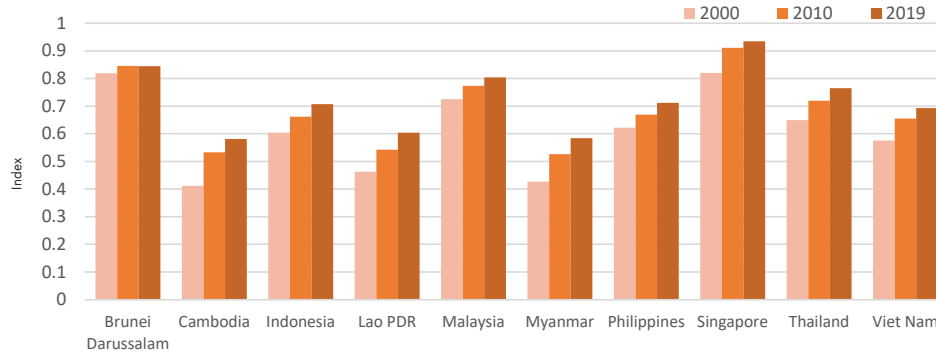


**Table 12.1. Human Development Index (HDI) in ASEAN, 2010-2019**

| Country           | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Brunei Darussalam | 0.846 | 0.852 | 0.860 | 0.863 | 0.864 | 0.865 | 0.852 | 0.853 | 0.845 | 0.838 |
| Cambodia          | 0.533 | 0.540 | 0.546 | 0.553 | 0.558 | 0.563 | 0.576 | 0.582 | 0.581 | 0.594 |
| Indonesia         | 0.662 | 0.669 | 0.677 | 0.682 | 0.686 | 0.689 | 0.691 | 0.694 | 0.707 | 0.718 |
| Lao PDR           | 0.542 | 0.554 | 0.563 | 0.573 | 0.582 | 0.586 | 0.598 | 0.601 | 0.604 | 0.613 |
| Malaysia          | 0.774 | 0.776 | 0.779 | 0.783 | 0.787 | 0.789 | 0.799 | 0.802 | 0.804 | 0.810 |
| Myanmar           | 0.526 | 0.533 | 0.540 | 0.547 | 0.552 | 0.556 | 0.574 | 0.578 | 0.584 | 0.583 |
| Philippines       | 0.669 | 0.666 | 0.671 | 0.676 | 0.679 | 0.682 | 0.696 | 0.699 | 0.712 | 0.718 |
| Singapore         | 0.911 | 0.917 | 0.920 | 0.922 | 0.924 | 0.925 | 0.930 | 0.932 | 0.935 | 0.938 |
| Thailand          | 0.720 | 0.729 | 0.733 | 0.737 | 0.738 | 0.740 | 0.748 | 0.755 | 0.765 | 0.777 |
| Viet Nam          | 0.655 | 0.662 | 0.668 | 0.675 | 0.678 | 0.683 | 0.689 | 0.694 | 0.693 | 0.704 |

Source :  
UNDP - Human Development Report

**Chart 12.1. Trend of HDI in ASEAN, 2000-2019**



Source: UNDP

**Table 12.2. Proportion of Population below the National Poverty Line in ASEAN<sup>1)</sup>, 2009-2018**

(in percent)

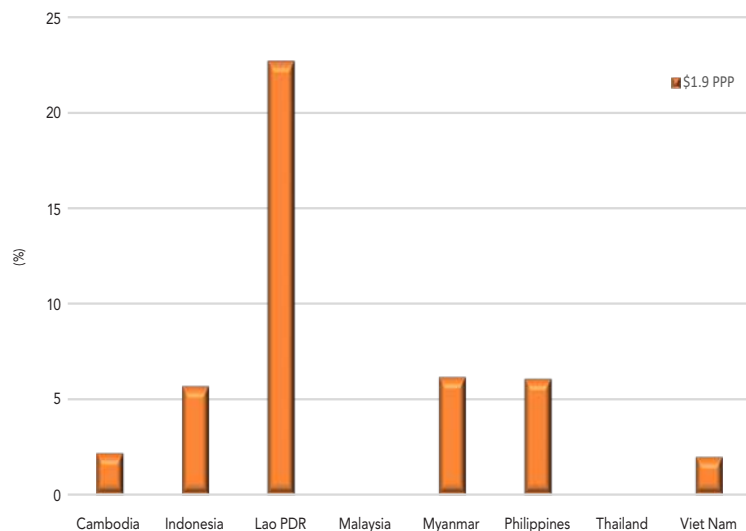
| Country           | 2009 | 2010 | 2011 | 2012 | 2013  | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|-------|------|------|------|------|------|
| Brunei Darussalam | n.a. | n.a. | n.a. | n.a. | n.a.  | n.a. | n.a. | n.a. | n.a. | n.a. |
| Cambodia          | 22.9 | 21.1 | 19.8 | 18.9 | 16.03 | 13.5 | 13.5 | 13.5 | -    | -    |
| Indonesia         | 14.2 | 13.3 | 12.5 | 12.0 | 11.4  | 11.3 | 11.2 | 10.9 | 10.6 | 9.8  |
| Lao PDR           | -    | 24.0 | -    | -    | 23.2  | -    | 24.0 | -    | -    | 18.3 |
| Malaysia          | -    | -    | -    | -    | -     | -    | -    | 7.6  | -    | -    |
| Myanmar           | -    | 25.6 | 23.6 | -    | -     | -    | 19.4 | 32.1 | 24.8 | -    |
| Philippines       | 26.3 | -    | -    | 25.2 | -     | -    | 23.5 | -    | -    | 16.7 |
| Singapore         | n.a. | n.a. | n.a. | n.a. | n.a.  | n.a. | n.a. | n.a. | n.a. | n.a. |
| Thailand          | 19.1 | 16.9 | 13.2 | -    | -     | 10.5 | 7.2  | 8.6  | 7.9  | 9.9  |
| Viet Nam          | -    | 14.2 | 12.6 | 11.1 | 9.8   | 8.4  | 7.0  | 9.2  | 7.9  | 6.8  |

Source:  
ASEAN Secretariat  
World Bank - World Development Indicators

Note:  
1) Malaysia's poverty rates refer to proportion of household living below the national poverty line while Viet nam's poverty rates refer to the multidimensional poverty rate at national level  
'-' not available at the time of publication  
n.a. not applicable



**Chart 12.2. Proportion of Population Below \$1.90 PPP in ASEAN, 2018**



Source: World Bank

**Table 12.3. Proportion of Population Below the \$1.90 PPP in ASEAN, 2018**

(in percent)

| Country           | Below \$1.90 PPP <sup>1)</sup> | Below National Poverty Line <sup>2)</sup> |
|-------------------|--------------------------------|---|
| Brunei Darussalam | n.a.                           | n.a.                                      |
| Cambodia          | 2.2                            | 13.5                                      |
| Indonesia         | 3.6                            | 9.8                                       |
| Lao PDR           | 21.2                           | 18.3                                      |
| Malaysia          | 0.0                            | 7.6                                       |
| Myanmar           | 6.2                            | 24.8                                      |
| Philippines       | 6.1                            | 16.7                                      |
| Singapore         | n.a.                           | n.a.                                      |
| Thailand          | 0.0                            | 9.9                                       |
| Viet Nam          | 1.9                            | 6.8                                       |

Source:  
ASEAN Secretariat  
World Bank - World Development Indicators

Note:  
1) The latest available data for Cambodia and Lao PDR is 2012 while for Malaysia, Myanmar, and Philippines is 2015.  
2) The latest available data for Cambodia and Malaysia is 2016 while for Myanmar is 2017.  
n.a. not applicable

**Table 12.4. Gini Coefficient in ASEAN, 2009-2018**

| Country           | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Brunei Darussalam | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Cambodia          | 0.340 | 0.340 | 0.310 | 0.290 | 0.270 | 0.300 | 0.300 | 0.280 | 0.290 | -     |
| Indonesia         | 0.370 | 0.380 | 0.410 | 0.410 | 0.413 | 0.406 | 0.408 | 0.397 | 0.393 | 0.389 |
| Lao PDR           | -     | -     | -     | -     | 0.362 | -     | -     | -     | -     | -     |
| Malaysia          | 0.441 | -     | -     | 0.431 | -     | 0.401 | -     | 0.399 | -     | -     |
| Myanmar           | -     | -     | -     | -     | -     | -     | 0.350 | -     | 0.300 | -     |
| Philippines       | 0.464 | -     | -     | 0.461 | -     | -     | 0.444 | -     | -     | -     |
| Singapore         | 0.471 | 0.472 | 0.473 | 0.478 | 0.463 | 0.464 | 0.463 | 0.458 | 0.459 | 0.458 |
| Thailand          | 0.490 | -     | 0.484 | -     | 0.465 | -     | 0.445 | -     | 0.453 | -     |
| Viet Nam          | -     | 0.433 | -     | 0.424 | -     | 0.430 | -     | 0.431 | -     | 0.424 |

Source :  
ASEAN Secretariat

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

**Table 12.5. Proportion of Seats in National Legislature Held by Women in ASEAN, 2010-2019**

| Country                         | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam <sup>1)</sup> | n.a. | n.a. | 6.1  | 6.1  | 6.1  | 6.1  | 6.3  | 9.0  | 8.3  | 9.1  |
| Cambodia                        | 21.0 | 21.0 | 20.3 | 20.3 | 20.3 | 20.3 | 19.5 | 15.4 | 20.0 | 20.0 |
| Indonesia                       | 17.9 | 17.9 | 18.2 | 18.6 | 18.6 | 17.1 | -    | 27.5 | -    | 18.2 |
| Lao PDR                         | 25.2 | 25.2 | 25.0 | 25.0 | 25.0 | 25.0 | 17.3 | 17.3 | 17.3 | 27.5 |
| Malaysia                        | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 11.0 | 10.8 | 10.9 | 14.4 | 14.4 |
| Myanmar                         | -    | 4.3  | 3.5  | 6.0  | 5.6  | 5.0  | 10.4 | 10.9 | 11.6 | 11.3 |
| Philippines                     | 21.4 | 22.1 | 22.9 | 22.9 | 27.3 | 26.0 | 28.7 | -    | -    | 29.5 |
| Singapore                       | 23.4 | 23.4 | 22.2 | 24.2 | 25.3 | 25.3 | 23.8 | 23.8 | 23.8 | 23.0 |
| Thailand                        | 12.3 | 13.3 | 15.8 | 15.8 | 15.8 | 13.0 | -    | -    | -    | 16.2 |
| Viet Nam                        | 25.8 | 25.8 | 24.4 | 24.4 | 24.3 | 24.3 | 26.7 | 26.9 | 27.0 | 26.7 |

Source:  
ASEAN Secretariat  
UN data for 2019

Note:  
1) The indicator was not applicable for Brunei Darussalam prior to 2012.  
n.a. not applicable  
'-' not available at the time of publication

## CHAPTER 13

# Other Sectors





**Table 13.1. Values of Crude Oil Exports in ASEAN, 2010-2019**

(in million US\$)

| Country           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 4,453.3         | 6,318.6         | 6,262.7         | 5,119.3         | 4,417.5         | 2,369.7         | 2,405.7         | 2,217.9         | 2,699.6         | 2,854.0         |
| Cambodia          | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Indonesia         | 10,402.9        | 13,828.7        | 12,293.4        | 10,204.7        | 9,215.0         | 6,457.0         | 5,196.7         | 5,237.6         | 5,151.9         | 1,717.4         |
| Lao PDR           | -               | -               | -               | -               | -               | -               | -               | -               | -               | 0.0             |
| Malaysia          | 9,607.7         | 10,924.5        | 10,464.1        | 10,210.1        | 10,535.3        | 6,854.7         | 5,650.6         | 7,019.5         | 9,457.0         | 7,029.4         |
| Myanmar           | -               | -               | -               | -               | 0.0             | 61.1            | 51.8            | 177.3           | 59.5            | 77.7            |
| Philippines       | 339.8           | 415.2           | 597.8           | 975.5           | 1,047.2         | 289.7           | 173.6           | 195.8           | 202.7           | 170.1           |
| Singapore         | 21.9            | 0.5             | 0.2             | 0.4             | 0.1             | 16.4            | 0.2             | 69.8            | 51.2            | 0.0             |
| Thailand          | 837.4           | 1,378.8         | 1,662.2         | 1,163.5         | 421.0           | 64.0            | 501.1           | 695.5           | 781.9           | 663.9           |
| Viet Nam          | 5,023.5         | 6,733.1         | 7,946.7         | 6,871.5         | 5,889.7         | 3,630.4         | 2,378.1         | 2,830.8         | 2,146.7         | 1,892.6         |
| <b>ASEAN</b>      | <b>30,686.4</b> | <b>39,599.4</b> | <b>39,227.0</b> | <b>34,545.2</b> | <b>31,525.8</b> | <b>19,743.0</b> | <b>16,357.8</b> | <b>18,444.2</b> | <b>20,550.5</b> | <b>14,405.0</b> |

Source:  
ASEAN Secretariat  
Crude Oil: SITC 333

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

**Table 13.2. Values of Crude Oil Imports in ASEAN, 2010-2019**

(in million US\$)

| Country           | 2010            | 2011            | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 1,161.0         |
| Cambodia          | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Indonesia         | 8,531.2         | 11,154.5        | 10,803.2         | 13,585.8         | 13,072.4        | 8,063.3         | 6,730.5         | 7,063.6         | 10,203.9        | 5,704.6         |
| Lao PDR           | 0.8             | 0.9             | 27.7             | 6.2              | 6.8             | 3.2             | 2.6             | 2.2             | 2.9             | 3.2             |
| Malaysia          | 5,724.4         | 7,832.0         | 8,981.8          | 7,163.0          | 7,725.7         | 3,384.2         | 2,826.0         | 3,960.7         | 5,713.2         | 6,479.3         |
| Myanmar           | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Philippines       | 5,504.6         | 7,874.2         | 7,618.8          | 6,617.1          | 6,287.3         | 3,952.4         | 2,905.1         | 3,492.2         | 5,190.8         | 3,511.8         |
| Singapore         | 24,037.7        | 33,607.0        | 39,827.6         | 35,559.1         | 34,398.9        | 18,234.5        | 15,049.9        | 21,420.2        | 27,965.7        | 24,253.0        |
| Thailand          | 24,397.3        | 32,897.4        | 35,843.2         | 37,396.1         | 33,216.5        | 19,521.2        | 15,176.0        | 19,858.2        | 22,389.8        | 21,972.8        |
| Viet Nam          | 334.8           | 567.0           | 583.9            | 1,123.1          | 452.4           | 99.4            | 199.9           | 635.7           | 2,914.3         | 3,809.0         |
| <b>ASEAN</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>42,890.1</b> | <b>56,432.7</b> | <b>74,380.7</b> | <b>66,894.8</b> |

Source:  
ASEAN Secretariat  
Crude Oil: SITC 333

**Table 13.3. Values of Petroleum Products Exports in ASEAN, 2010-2019**

(in million US\$)

| Country           | 2010            | 2011             | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            | 2019            |
|-------------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 1.5             | 0.3              | 0.2              | 0.4              | 0.4             | 0.2             | 0.3             | 8.0             | 3.9             | 532.1           |
| Cambodia          | 0.0             | -                | -                | 0.1              | 0.0             | 0.0             | 0.1             | 0.0             | 0.1             | 0.0             |
| Indonesia         | 2,190.9         | 2,901.7          | 1,774.8          | 1,611.4          | 1,301.1         | 553.2           | 400.4           | 909.0           | 925.8           | 799.2           |
| Lao PDR           | 0.0             | 0.1              | -                | 0.0              | 0.5             | 4.7             | 7.8             | 0.8             | 0.0             | 0.0             |
| Malaysia          | 7,977.2         | 10,780.4         | 14,596.7         | 19,376.0         | 18,485.6        | 10,621.2        | 11,146.9        | 13,210.3        | 16,264.1        | 14,914.4        |
| Myanmar           | -               | -                | 0.0              | -                | 0.0             | 2.3             | 67.4            | 214.3           | 285.1           | 42.8            |
| Philippines       | 371.2           | 647.5            | 465.0            | 834.0            | 445.7           | 312.8           | 196.8           | 395.6           | 494.0           | 225.7           |
| Singapore         | 55,145.2        | 79,250.2         | 73,240.8         | 69,256.3         | 66,220.0        | 42,090.0        | 36,105.4        | 46,540.2        | 52,064.6        | 45,922.9        |
| Thailand          | 7,797.9         | 10,093.2         | 11,388.5         | 11,473.5         | 9,811.1         | 6,932.8         | 4,863.0         | 6,112.9         | 7,793.1         | 6,554.3         |
| Viet Nam          | 1,276.1         | 2,040.1          | 1,666.4          | 1,146.1          | 973.4           | 739.2           | 640.7           | 847.7           | 1,142.9         | 1,137.9         |
| <b>ASEAN</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>53,428.7</b> | <b>68,238.9</b> | <b>78,973.7</b> | <b>70,129.3</b> |

Source:  
ASEAN Secretariat  
Petroleum Products: SITC 334

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

**Table 13.4. Values of Petroleum Products Imports in ASEAN, 2010-2019**

(in million US\$)

| Country           | 2010            | 2011             | 2012             | 2013             | 2014             | 2015            | 2016            | 2017            | 2018             | 2019             |
|-------------------|-----------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|
| Brunei Darussalam | 126.8           | 280.0            | 254.6            | 268.5            | 362.8            | 193.0           | 222.3           | 264.1           | 268.6            | 411.2            |
| Cambodia          | 308.4           | 746.3            | 1,107.8          | 944.3            | 294.9            | 1,089.2         | 888.9           | 1,108.1         | 1,616.8          | 1,574.9          |
| Indonesia         | 17,654.3        | 27,721.8         | 28,038.2         | 27,850.9         | 26,717.3         | 14,008.5        | 9,940.9         | 14,119.6        | 18,787.6         | 13,085.0         |
| Lao PDR           | 452.5           | 460.8            | 602.3            | 546.5            | 652.3            | 644.1           | 589.0           | 608.9           | 770.3            | 734.2            |
| Malaysia          | 7,888.4         | 10,705.1         | 13,104.5         | 22,051.7         | 22,822.1         | 14,802.9        | 11,895.6        | 16,668.3        | 20,168.2         | 17,503.0         |
| Myanmar           | 908.5           | 2,043.7          | 1,793.8          | 1,714.6          | 2,680.3          | 1,816.4         | 1,641.7         | 3,376.7         | 3,865.0          | 3,491.1          |
| Philippines       | 3,234.2         | 3,667.5          | 4,977.5          | 5,282.6          | 5,873.9          | 3,337.0         | 3,953.1         | 5,604.0         | 6,744.5          | 7,626.0          |
| Singapore         | 56,909.8        | 80,372.0         | 77,314.7         | 74,613.4         | 72,384.3         | 42,675.5        | 33,081.0        | 45,904.4        | 54,335.0         | 45,940.7         |
| Thailand          | 1,679.7         | 2,997.1          | 3,441.6          | 3,676.2          | 5,573.1          | 2,993.2         | 3,557.1         | 4,348.8         | 4,177.3          | 6,140.9          |
| Viet Nam          | 6,454.1         | 10,341.8         | 9,334.8          | 7,386.4          | 7,444.8          | 5,729.5         | 5,340.6         | 7,308.3         | 8,060.1          | 6,348.8          |
| <b>ASEAN</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>71,110.2</b> | <b>99,311.2</b> | <b>118,793.4</b> | <b>102,855.8</b> |

Source:  
ASEAN Secretariat  
Petroleum Products: SITC 334

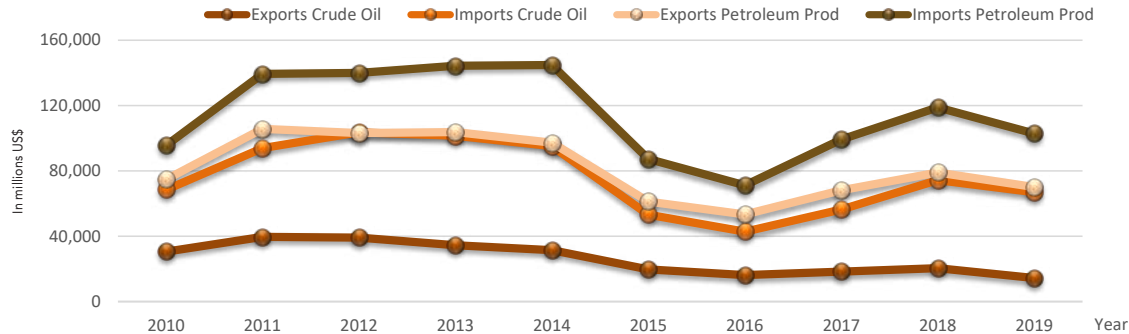
**Table 13.5. Values of ASEAN Net Export of Crude Oil and Petroleum Products, 2010-2019**

(in million US\$)

| Country                   | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Crude Oil</b>          |           |           |           |           |           |           |           |           |           |           |
| Exports                   | 30,686.4  | 39,599.4  | 39,227.0  | 34,545.2  | 31,525.8  | 19,743.0  | 16,357.8  | 18,444.2  | 20,550.5  | 14,405.0  |
| Imports                   | 68,530.7  | 93,932.9  | 103,686.3 | 101,450.3 | 95,160.0  | 53,258.1  | 42,890.1  | 56,432.7  | 74,380.7  | 66,894.8  |
| Net Exports               | -37,844.3 | -54,333.4 | -64,459.3 | -66,905.1 | -63,634.2 | -33,515.1 | -26,532.4 | -37,988.5 | -53,830.2 | -52,489.8 |
| Export/Imports            | 0.4       | 0.4       | 0.4       | 0.3       | 0.3       | 0.4       | 0.4       | 0.3       | 0.3       | 0.2       |
| <b>Petroleum Products</b> |           |           |           |           |           |           |           |           |           |           |
| Exports                   | 74,760.0  | 105,713.5 | 103,132.6 | 103,697.8 | 97,238.0  | 61,256.5  | 53,428.7  | 68,238.9  | 78,973.7  | 70,129.3  |
| Imports                   | 95,616.7  | 139,336.1 | 139,969.9 | 144,335.0 | 144,805.9 | 87,289.3  | 71,110.2  | 99,311.2  | 118,793.4 | 102,855.8 |
| Net Exports               | -20,856.7 | -33,622.6 | -36,837.3 | -40,637.3 | -47,567.9 | -26,032.7 | -17,681.6 | -31,072.3 | -39,819.8 | -32,726.5 |
| Export/Imports            | 0.8       | 0.8       | 0.7       | 0.7       | 0.7       | 0.7       | 0.8       | 0.7       | 0.7       | 0.7       |

Source:  
 ASEAN Secretariat  
 Crude Oil: SITC.333  
 Petroleum Products: SITC.334

**Chart 13.1. Values of ASEAN Exports and Imports of Crude Oil and Petroleum Products, 2010-2019**



Source: ASEAN Secretariat

**Table 13.6. ASEAN Major Market of Crude Oil Exports and the Values, 2016-2019**

(in million US\$)

| No            | Country                   | 2016            | No            | Country                   | 2017            | No            | Country                   | 2018            | No            | Country                   | 2019            |
|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|
| 1             | ASEAN                     | 6,047.7         | 1             | ASEAN                     | 7,475.1         | 1             | ASEAN                     | 8,030.5         | 1             | ASEAN                     | 6,461.4         |
| 2             | China                     | 2,628.3         | 2             | Australia                 | 3,015.5         | 2             | Australia                 | 4,561.8         | 2             | Australia                 | 2,683.2         |
| 3             | Australia                 | 2,530.4         | 3             | China                     | 2,290.4         | 3             | India                     | 2,461.4         | 3             | India                     | 2,324.3         |
| 4             | India                     | 2,027.0         | 4             | India                     | 1,852.8         | 4             | China                     | 1,359.5         | 4             | China                     | 1,030.7         |
| 5             | Japan                     | 1,284.4         | 5             | Japan                     | 1,290.5         | 5             | Japan                     | 1,201.2         | 5             | Japan                     | 833.3           |
| 6             | Korea, Republic of        | 644.4           | 6             | Korea, Republic of        | 975.2           | 6             | Korea, Republic of        | 1,101.1         | 6             | Korea, Republic of        | 588.8           |
| 7             | USA                       | 570.9           | 7             | USA                       | 782.2           | 7             | USA                       | 863.7           | 7             | New Zealand               | 416.9           |
| 8             | New Zealand               | 292.4           | 8             | Taiwan, Province of China | 358.0           | 8             | New Zealand               | 476.1           | 8             | Taiwan, Province of China | 41.9            |
| 9             | Taiwan, Province of China | 266.5           | 9             | New Zealand               | 343.9           | 9             | Taiwan, Province of China | 408.4           | 9             | Papua New Guinea          | 24.5            |
| 10            | Papua New Guinea          | 41.6            | 10            | Switzerland               | 47.2            | 10            | Papua New Guinea          | 46.9            | 10            | European Union [EU]       | 0.0             |
| <b>Top 10</b> |                           | <b>16,333.6</b> | <b>Top 10</b> |                           | <b>18,430.9</b> | <b>Top 10</b> |                           | <b>20,510.6</b> | <b>Top 10</b> |                           | <b>14,405.0</b> |
| <b>Others</b> |                           | <b>24.2</b>     | <b>Others</b> |                           | <b>13.3</b>     | <b>Others</b> |                           | <b>39.9</b>     | <b>Others</b> |                           | <b>0.0</b>      |
| <b>Total</b>  |                           | <b>16,357.8</b> | <b>Total</b>  |                           | <b>18,444.2</b> | <b>Total</b>  |                           | <b>20,550.5</b> | <b>Total</b>  |                           | <b>14,405.0</b> |

Source:  
ASEAN Secretariat  
Crude Oil: SITC 333



**Table 13.7. ASEAN Major Supplier (Origin) of Crude Oil Imports and the Values, 2016-2019**

(in million US\$)

| No            | Country              | 2016            | No            | Country              | 2017            | No            | Country              | 2018            | No            | Country              | 2019            |
|---------------|----------------------|-----------------|---------------|----------------------|-----------------|---------------|----------------------|-----------------|---------------|----------------------|-----------------|
| 1             | Saudi Arabia         | 11,191.9        | 1             | United Arab Emirates | 12,874.8        | 1             | Saudi Arabia         | 16,733.6        | 1             | United Arab Emirates | 14,568.0        |
| 2             | United Arab Emirates | 9,453.8         | 2             | Saudi Arabia         | 12,017.4        | 2             | United Arab Emirates | 14,264.1        | 2             | Saudi Arabia         | 12,908.4        |
| 3             | ASEAN                | 6,383.7         | 3             | ASEAN                | 8,448.2         | 3             | ASEAN                | 8,183.4         | 3             | ASEAN                | 6,956.5         |
| 4             | Qatar                | 3,780.8         | 4             | Qatar                | 5,718.8         | 4             | Kuwait               | 7,810.5         | 4             | Kuwait               | 6,008.8         |
| 5             | Kuwait               | 3,057.1         | 5             | Kuwait               | 3,864.5         | 5             | Qatar                | 7,187.7         | 5             | Qatar                | 6,003.1         |
| 6             | Australia            | 1,633.1         | 6             | Australia            | 2,265.9         | 6             | Australia            | 3,184.4         | 6             | Australia            | 3,517.6         |
| 7             | Russian Federation   | 1,534.0         | 7             | Russian Federation   | 2,179.6         | 7             | Nigeria              | 3,169.1         | 7             | USA                  | 3,160.7         |
| 8             | Nigeria              | 1,286.1         | 8             | Nigeria              | 1,685.2         | 8             | Russian Federation   | 2,573.1         | 8             | Nigeria              | 2,761.6         |
| 9             | Azerbaijan           | 818.5           | 9             | Azerbaijan           | 940.3           | 9             | USA                  | 1,682.0         | 9             | Russian Federation   | 2,326.5         |
| 10            | Algeria              | 651.4           | 10            | Iraq                 | 646.9           | 10            | Angola               | 1,610.1         | 10            | Iraq                 | 1,449.4         |
| <b>Top 10</b> |                      | <b>39,790.3</b> | <b>Top 10</b> |                      | <b>50,641.6</b> | <b>Top 10</b> |                      | <b>66,398.0</b> | <b>Top 10</b> |                      | <b>59,660.6</b> |
| <b>Others</b> |                      | <b>13,467.8</b> | <b>Others</b> |                      | <b>5,791.2</b>  | <b>Others</b> |                      | <b>7,982.7</b>  | <b>Others</b> |                      | <b>7,234.2</b>  |
| <b>Total</b>  |                      | <b>53,258.1</b> | <b>Total</b>  |                      | <b>56,432.7</b> | <b>Total</b>  |                      | <b>74,380.7</b> | <b>Total</b>  |                      | <b>66,894.8</b> |

Source:  
ASEAN Secretariat  
Crude Oil: SITC 333

**Table 13. 8. ASEAN Major Market of Petroleum Products Exports and the Values, 2016-2019**

(in million US\$)

| No            | Country                   | 2016            | No            | Country                   | 2017            | No            | Country                   | 2018            | No            | Country            | 2019            |
|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| 1             | ASEAN                     | 33,284.4        | 1             | ASEAN                     | 40,039.5        | 1             | ASEAN                     | 45,893.9        | 1             | ASEAN              | 40,207.8        |
| 2             | China                     | 3,884.6         | 2             | China                     | 6,452.5         | 2             | Australia                 | 6,966.4         | 2             | Australia          | 5,475.3         |
| 3             | Australia                 | 3,837.2         | 3             | Australia                 | 4,954.0         | 3             | China                     | 6,425.6         | 3             | China              | 5,111.3         |
| 4             | Hong Kong                 | 1,888.2         | 4             | Hong Kong                 | 2,772.6         | 4             | Hong Kong                 | 3,507.5         | 4             | Hong Kong          | 2,916.0         |
| 5             | EU-28                     | 1,088.2         | 5             | EU-28                     | 2,113.0         | 5             | Bangladesh                | 2,287.1         | 5             | Bangladesh         | 2,298.9         |
| 6             | Korea, Republic of        | 1,008.1         | 6             | Bangladesh                | 1,414.6         | 6             | Korea, Republic of        | 1,512.0         | 6             | EU-28              | 1,806.0         |
| 7             | Bangladesh                | 967.9           | 7             | Korea, Republic of        | 1,343.2         | 7             | USA                       | 1,317.1         | 7             | USA                | 1,510.5         |
| 8             | USA                       | 898.0           | 8             | Taiwan, Province of China | 1,041.3         | 8             | EU-28                     | 1,140.9         | 8             | Korea, Republic of | 1,256.0         |
| 9             | Taiwan, Province of China | 850.6           | 9             | USA                       | 1,020.0         | 9             | Sri Lanka                 | 1,124.4         | 9             | Sri Lanka          | 1,018.6         |
| 10            | India                     | 715.2           | 10            | Sri Lanka                 | 839.1           | 10            | Taiwan, Province of China | 1,104.9         | 10            | India              | 992.5           |
| <b>Top 10</b> |                           | <b>48,422.4</b> | <b>Top 10</b> |                           | <b>61,989.7</b> | <b>Top 10</b> |                           | <b>71,279.7</b> | <b>Top 10</b> |                    | <b>62,592.8</b> |
| <b>Others</b> |                           | <b>5,006.3</b>  | <b>Others</b> |                           | <b>6,249.2</b>  | <b>Others</b> |                           | <b>7,694.0</b>  | <b>Others</b> |                    | <b>7,536.5</b>  |
| <b>Total</b>  |                           | <b>53,428.7</b> | <b>Total</b>  |                           | <b>68,238.9</b> | <b>Total</b>  |                           | <b>78,973.7</b> | <b>Total</b>  |                    | <b>70,129.3</b> |

Source:  
ASEAN Secretariat  
Petroleum Products: SITC 334

**Table 13. 9. ASEAN Major Supplier (Origin) of Petroleum Products Imports and the Values, 2016-2019**

(in million US\$)

| No            | Country                   | 2016            | No            | Country                   | 2017            | No            | Country                   | 2018             | No            | Country                   | 2019             |
|---------------|---------------------------|-----------------|---------------|---------------------------|-----------------|---------------|---------------------------|------------------|---------------|---------------------------|------------------|
| 1             | ASEAN                     | 30,407.7        | 1             | ASEAN                     | 41,777.5        | 1             | ASEAN                     | 51,234.4         | 1             | ASEAN                     | 41,606.6         |
| 2             | China                     | 6,591.2         | 2             | China                     | 9,186.8         | 2             | China                     | 11,804.1         | 2             | China                     | 15,454.0         |
| 3             | Korea, Republic of        | 6,494.5         | 3             | Korea, Republic of        | 8,090.8         | 3             | Korea, Republic of        | 9,902.5          | 3             | Korea, Republic of        | 9,844.3          |
| 4             | India                     | 4,030.1         | 4             | India                     | 7,189.6         | 4             | India                     | 6,932.2          | 4             | United Arab Emirates      | 6,854.9          |
| 5             | EU-28                     | 3,255.1         | 5             | United Arab Emirates      | 4,203.1         | 5             | United Arab Emirates      | 5,758.2          | 5             | India                     | 4,627.2          |
| 6             | United Arab Emirates      | 3,002.0         | 6             | Russian Federation        | 4,112.0         | 6             | EU-28                     | 5,409.8          | 6             | Russian Federation        | 4,028.6          |
| 7             | Saudi Arabia              | 2,952.3         | 7             | EU-28                     | 3,991.8         | 7             | Russian Federation        | 5,078.4          | 7             | Iraq                      | 2,870.0          |
| 8             | Taiwan, Province of China | 2,581.5         | 8             | Saudi Arabia              | 3,474.0         | 8             | Saudi Arabia              | 5,029.0          | 8             | Saudi Arabia              | 2,812.5          |
| 9             | Russian Federation        | 2,412.6         | 9             | Taiwan, Province of China | 2,681.3         | 9             | Iraq                      | 3,163.1          | 9             | EU-28                     | 2,766.3          |
| 10            | Japan                     | 1,710.6         | 10            | USA                       | 2,609.9         | 10            | Taiwan, Province of China | 2,775.5          | 10            | Taiwan, Province of China | 2,290.3          |
| <b>Top 10</b> |                           | <b>63,437.6</b> | <b>Top 10</b> |                           | <b>87,316.9</b> | <b>Top 10</b> |                           | <b>107,087.2</b> | <b>Top 10</b> |                           | <b>93,154.8</b>  |
| <b>Others</b> |                           | <b>7,672.7</b>  | <b>Others</b> |                           | <b>11,994.3</b> | <b>Others</b> |                           | <b>11,706.3</b>  | <b>Others</b> |                           | <b>9,701.0</b>   |
| <b>Total</b>  |                           | <b>71,110.2</b> | <b>Total</b>  |                           | <b>99,311.2</b> | <b>Total</b>  |                           | <b>118,793.4</b> | <b>Total</b>  |                           | <b>102,855.8</b> |

Source:  
 ASEAN Secretariat  
 Petroleum Products: SITC 334

**Table 13.10. Forest Areas as Proportion of Total Areas in ASEAN, 2000, 2010 and 2018**

| Country           | Total Forest Area (000 Ha) |                  |                  | Forest Areas as Proportion of Land Areas (%) |      |      |                         |
|-------------------|----------------------------|------------------|------------------|--|------|------|-------------------------|
|                   | 2000                       | 2010             | 2018             | 2000   | 2010 | 2018 | Annual Change 2000-2018 |
| Brunei Darussalam | 397.0                      | 380.0            | 380.0            | 75.3   | 72.1 | 72.1 | -0.3                    |
| Cambodia          | 11,546.0                   | 10,094.0         | 8,379.8          | 65.4   | 57.2 | 47.5 | -1.9                    |
| Indonesia         | 99,409.0                   | 94,432.0         | 93,344.3         | 54.9   | 52.1 | 49.7 | -0.6                    |
| Lao PDR           | 16,526.0                   | 17,815.6         | 16,664.5         | 71.6   | 77.2 | 72.2 | 0.0                     |
| Malaysia          | 21,591.0                   | 22,124.0         | 19,214.3         | 65.7   | 67.3 | 58.5 | -0.7                    |
| Myanmar           | 34,868.0                   | 31,773.0         | 29,123.3         | 53.4   | 48.6 | 44.6 | -1.0                    |
| Philippines       | 7,027.0                    | 6,840.0          | 7,118.8          | 23.6   | 22.9 | 23.9 | 0.1                     |
| Singapore         | 16.4                       | 16.4             | 15.9             | 24.4   | 24.4 | 22.5 | -0.5                    |
| Thailand          | 17,011.0                   | 16,249.0         | 19,945.0         | 33.3   | 31.8 | 39.0 | 0.9                     |
| Viet Nam          | 11,727.0                   | 14,128.0         | 14,491.3         | 37.7   | 45.4 | 46.7 | 1.3                     |
| <b>ASEAN</b>      | <b>220,118.3</b>           | <b>213,851.9</b> | <b>208,677.2</b> |  |      |      |                         |

Source:  
FAO Statistics Division 2020 ; <http://faostat.fao.org>

**Table 13.11: Terrestrial Protected Areas<sup>1)</sup> in ASEAN, 1990, 2000 and 2018**

| Country           | Protected Area (% of total land area) |      |      |
|-------------------|---------------------------------------|------|------|
|                   | 1990                                  | 2000 | 2018 |
| Brunei Darussalam | 36.9                                  | 44.1 | 46.9 |
| Cambodia          | 0.0                                   | 23.1 | 26.0 |
| Indonesia         | 10.1                                  | 13.6 | 12.2 |
| Lao PDR           | 1.5                                   | 16.6 | 16.7 |
| Malaysia          | 17.2                                  | 18.2 | 19.1 |
| Myanmar           | 3.0                                   | 3.7  | 6.4  |
| Philippines       | 8.7                                   | 10.8 | 15.3 |
| Singapore         | 5.4                                   | 5.6  | 5.6  |
| Thailand          | 11.9                                  | 16.8 | 18.8 |
| Viet Nam          | 4.6                                   | 6.1  | 7.6  |

Source:  
World Bank - World Development Indicators

Notes :

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

**Table 13.12. Access to Cellular/Mobile Phones in ASEAN, 2010-2019**

| ICT Service                                     | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Vietnam | ASEAN |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|---------|-------|
| Cellular/Mobile Phone Density (per 100 persons) | 2010 | 112.5             | 73.7     | 88.1      | 64.6    | 119.2    | 1.6     | 90.0        | 143.6     | 106.6    | 129.6   | 87.5  |
|   | 2011 | 112.7             | 108.0    | 102.5     | 87.2    | 127.0    | 2.4     | 98.1        | 149.6     | 114.6    | 144.9   | 96.7  |
|   | 2012 | 117.5             | 129.6    | 114.9     | 66.0    | 140.0    | 7.4     | 104.5       | 151.9     | 125.2    | 148.3   | 111.7 |
|   | 2013 | 115.4             | 135.4    | 125.9     | 69.1    | 143.6    | 13.3    | 103.5       | 156.3     | 137.5    | 137.9   | 116.7 |
|   | 2014 | 113.1             | 132.7    | 126.5     | 67.8    | 148.5    | 51.6    | 110.0       | 146.9     | 141.4    | 150.1   | 123.4 |
|   | 2015 | 108.1             | 133.0    | 132.6     | 53.1    | 143.9    | 75.7    | 115.8       | 146.5     | 152.7    | 128.8   | 126.6 |
|   | 2016 | 120.7             | 124.9    | 149.1     | 55.4    | 141.2    | 89.3    | 109.2       | 146.9     | 172.6    | 128.0   | 135.1 |
|   | 2017 | 128.3             | 116.0    | 164.4     | 53.4    | 136.1    | 89.8    | 110.1       | 146.8     | 175.6    | 126.9   | 147.3 |
|   | 2018 | 131.9             | 119.5    | 119.3     | 51.9    | 134.5    | 113.8   | 126.2       | 148.8     | 180.2    | 147.2   | 128.3 |
|   | 2019 | 128.6             | 129.9    | 127.5     | 60.8    | 139.6    | 113.8   | 154.8       | 156.4     | 186.2    | 141.2   | 139.1 |

Source:

Compiled based on AMCs' data submission, statistical yearbooks, and national statistical offices' websites; and ITU Database 2020

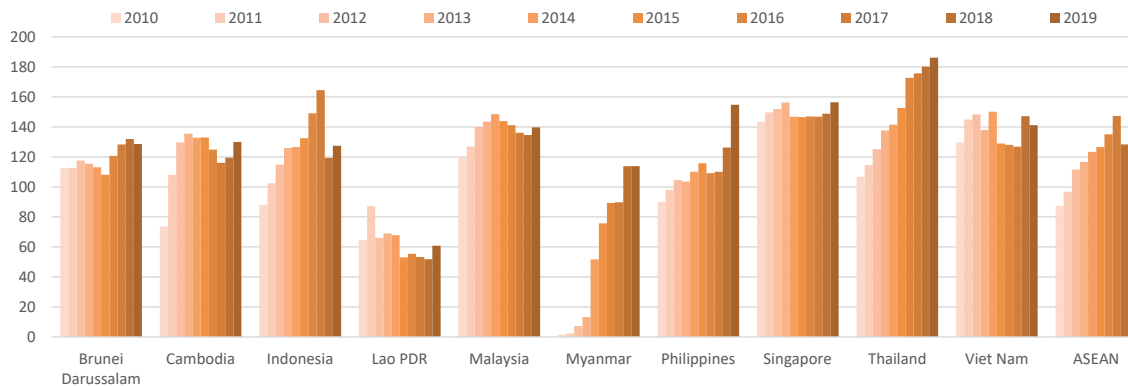
**Table 13.13. Access to Internet Services in ASEAN, 2010-2019**

| ICT Service                                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Vietnam | ASEAN |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|---------|-------|
| Internet Subscribers /Users per 100 Persons | 2010 | 49.0              | 1.3      | 10.9      | 7.0     | 56.3     | 0.1     | 4.6         | 48.9      | 22.4     | 34.5    | 18.7  |
|   | 2011 | 53.0              | 3.1      | 12.3      | 9.0     | 61.0     | 1.0     | 29.0        | 71.0      | 23.7     | 41.9    | 22.3  |
|   | 2012 | 56.0              | 4.9      | 14.5      | 10.7    | 65.8     | 4.0     | 36.2        | 72.0      | 26.5     | 39.5    | 24.6  |
|   | 2013 | 64.5              | 6.8      | 14.9      | 12.5    | 67.0     | 8.0     | 37.0        | 81.0      | 28.9     | 43.9    | 26.1  |
|   | 2014 | 68.8              | 9.0      | 17.1      | 14.3    | 67.5     | 11.5    | 39.7        | 82.0      | 34.9     | 48.3    | 28.9  |
|   | 2015 | 71.2              | 19.0     | 22.0      | 18.2    | 71.1     | 21.7    | 53.7        | 79.0      | 39.3     | 43.5    | 35.0  |
|   | 2016 | 75.0              | 25.6     | 25.4      | 21.9    | 78.8     | 25.1    | 55.5        | 81.0      | 47.5     | 46.5    | 38.8  |
|   | 2017 | 90.0              | 32.4     | 32.3      | 25.5    | 80.1     | 30.7    | 60.1        | 84.4      | 52.9     | 58.1    | 48.5  |
|   | 2018 | 94.6              | 40.0     | 39.8      | 25.5    | 81.2     | 33.1    | 67.9        | 88.2      | 56.8     | 69.8    | 53.4  |
|   | 2019 | 95.0              | 40.5     | 47.7      | 25.5    | 84.2     | 33.1    | 70.7        | 88.9      | 66.7     | 68.7    | 57.0  |

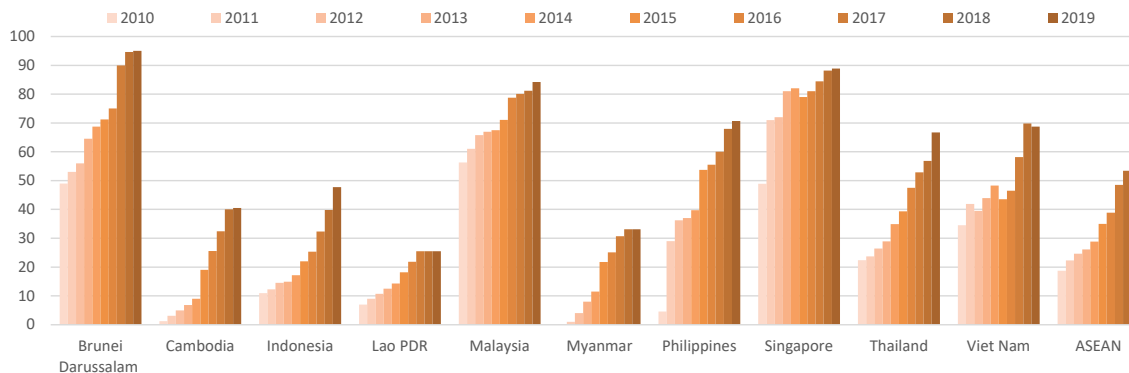
Source:

Compiled based on AMCs' data submission; country websites; and ASEAN Connect website; ITU Database as of 2020; Philippines from Statista.com

**Chart 13.2. Trend in Cellular/Mobile Phone Density per 100 persons in ASEAN, 2010-2019**



**Chart 13.3. Trend in Internet Services Density per 100 persons in ASEAN, 2010-2019**



Source: ASEAN Secretariat







## ASEAN: A Community of Opportunities for All

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

 ASEAN

 @ASEAN

 ASEAN