

# ASEAN STATISTICAL YEARBOOK 2019



one vision  
one identity  
one community





# **ASEAN Statistical Yearbook 2019**

The ASEAN Secretariat  
Jakarta

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

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# FOREWORD

First published in 2002, *the ASEAN Statistical Yearbook* has become one of the ASEAN Secretariat's most established publications. Now in its 15<sup>th</sup> edition, the ASEAN Statistical Yearbook 2019 continues to provide accurate, timely, and reliable historical data on social and economic progress in the region.

The ASEAN Statistical Yearbook 2019 covers data for the period of 2008-2018 and comprises 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 2019 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 contributes to 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 2019. I hope you will find the publication resourceful.



**DATO LIM JOCK HOR**  
Secretary-General of ASEAN  
Jakarta, December 2019



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# CHAPTER 1

## **Population**





**Table 1.1. Number of Mid Year Population<sup>1)</sup> in ASEAN, 2009-2018**

(in thousand)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 380.1            | 386.8            | 393.4            | 399.8            | 406.2            | 411.9            | 412.4            | 417.3            | 429.5            | 442.4            |
| Cambodia          | 14,085.3         | 14,302.8         | 14,521.3         | 14,741.4         | 14,676.5         | 14,932.3         | 15,191.7         | 15,453.9         | 15,717.7         | 15,981.8         |
| Indonesia         | 231,369.5        | 234,181.4        | 241,990.7        | 245,425.2        | 248,818.1        | 252,164.8        | 255,461.7        | 258,705.0        | 261,890.9        | 265,015.3        |
| Lao PDR           | 6,127.9          | 6,256.2          | 6,385.1          | 6,514.4          | 6,644.0          | 6,809.1          | 6,492.0          | 6,621.1          | 6,752.8          | 6,887.1          |
| Malaysia          | 28,081.5         | 28,588.6         | 29,062.0         | 29,510.0         | 30,213.7         | 30,708.5         | 31,186.1         | 31,633.5         | 32,022.6         | 32,385.0         |
| Myanmar           | 50,110.0         | 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         |
| Philippines       | 92,226.6         | 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        |
| Singapore         | 4,987.6          | 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          |
| Thailand          | 66,903.0         | 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         |
| Viet Nam          | 86,025.0         | 86,947.4         | 87,860.4         | 88,809.3         | 89,759.5         | 90,728.9         | 91,709.8         | 92,695.1         | 93,671.6         | 94,666.0         |
| <b>ASEAN</b>      | <b>580,296.5</b> | <b>585,333.1</b> | <b>596,583.4</b> | <b>604,382.2</b> | <b>612,052.3</b> | <b>620,099.1</b> | <b>627,237.0</b> | <b>634,747.8</b> | <b>642,059.9</b> | <b>649,071.5</b> |

Source:  
ASEAN Secretariat

Note:  
1) National Estimation

**Table 1.2. Population Growth in ASEAN, 2009-2018**

(in percent)

| Country           | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Brunei Darussalam | 1.4        | 1.8        | 1.7        | 1.6        | 1.6        | 1.4        | 0.1        | 1.2        | 2.9        | 3.0        |
| Cambodia          | 2.1        | 1.5        | 1.5        | 1.5        | -0.4       | 1.7        | 1.7        | 1.7        | 1.7        | 1.7        |
| Indonesia         | 1.2        | 1.2        | 3.3        | 1.4        | 1.4        | 1.3        | 1.3        | 1.3        | 1.2        | 1.2        |
| Lao PDR           | 2.1        | 2.1        | 2.1        | 2.0        | 2.0        | 2.5        | -4.7       | 2.0        | 2.0        | 2.0        |
| Malaysia          | 1.9        | 1.8        | 1.7        | 1.5        | 2.4        | 1.6        | 1.6        | 1.4        | 1.2        | 1.1        |
| Myanmar           | 0.8        | 0.9        | -0.8       | 1.0        | 1.0        | 1.6        | 0.9        | 0.9        | 0.9        | 0.4        |
| Philippines       | 2.0        | 1.0        | 1.8        | 1.8        | 1.7        | 1.7        | 1.7        | 1.7        | 1.6        | 1.6        |
| Singapore         | 3.1        | 1.8        | 2.1        | 2.5        | 1.6        | 1.3        | 1.2        | 1.3        | 0.1        | 0.5        |
| Thailand          | 0.6        | -1.5       | 0.4        | 0.4        | 0.4        | 0.4        | 0.3        | 0.3        | 0.3        | 0.3        |
| Viet Nam          | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        | 1.1        |
| <b>ASEAN</b>      | <b>1.3</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>1.2</b> | <b>1.2</b> | <b>1.1</b> |

Source:  
ASEAN Secretariat

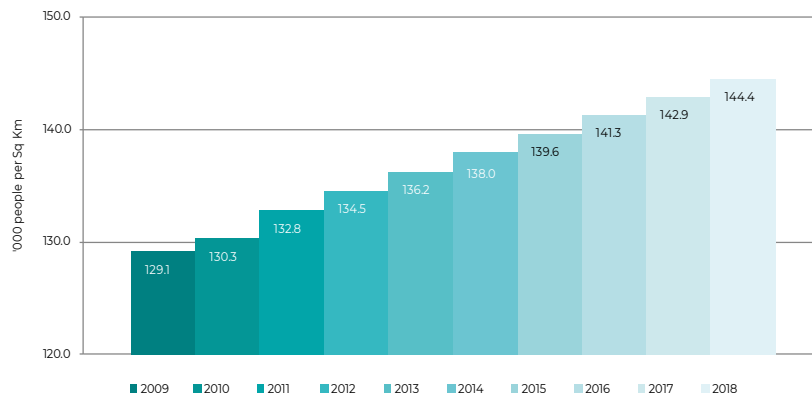
**Table 1.3. Population Density<sup>1)</sup> in ASEAN, 2009-2018**

| Country           | Total Area<br>(Sq. Km) | Population Density (per Sq. Km) |              |              |              |              |              |              |              |              |              | Rank of Pop.<br>Density in 2018 |
|-------------------|------------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------------|
|                   |                        | 2009                            | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |                                 |
| Brunei Darussalam | 5,765.0                | 70.0                            | 67.1         | 68.2         | 69.3         | 70.5         | 71.4         | 71.5         | 72.4         | 74.5         | 76.7         | 9                               |
| Cambodia          | 181,035.0              | 77.8                            | 79.0         | 80.2         | 81.4         | 81.1         | 82.5         | 83.9         | 85.4         | 86.8         | 88.3         | 7                               |
| Indonesia         | 1,916,862.2            | 120.7                           | 122.2        | 126.2        | 128.0        | 129.8        | 131.6        | 133.3        | 135.0        | 136.6        | 138.3        | 4                               |
| Lao PDR           | 236,800.0              | 25.9                            | 26.4         | 27.0         | 27.5         | 28.1         | 28.8         | 27.4         | 28.0         | 28.5         | 29.1         | 10                              |
| Malaysia          | 331,388.0              | 84.7                            | 86.3         | 87.7         | 89.0         | 91.2         | 92.7         | 94.1         | 95.5         | 96.6         | 97.7         | 6                               |
| Myanmar           | 676,576.0              | 87.0                            | 88.0         | 89.0         | 89.0         | 75.7         | 76.8         | 77.5         | 78.2         | 78.9         | 79.3         | 8                               |
| Philippines       | 300,000.0              | 307.4                           | 310.5        | 316.1        | 321.7        | 327.3        | 332.9        | 338.5        | 344.1        | 349.7        | 355.3        | 2                               |
| Singapore         | 719.9                  | 7,025.0                         | 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      | 1                               |
| Thailand          | 513,139.5              | 130.4                           | 128.5        | 129.0        | 129.6        | 130.1        | 130.6        | 131.0        | 131.5        | 131.8        | 132.2        | 5                               |
| Viet Nam          | 331,230.0              | 259.7                           | 262.5        | 265.3        | 268.1        | 271.0        | 273.9        | 276.9        | 279.9        | 282.8        | 285.8        | 3                               |
| <b>ASEAN</b>      | <b>4,493,515.6</b>     | <b>129.1</b>                    | <b>130.3</b> | <b>132.8</b> | <b>134.5</b> | <b>136.2</b> | <b>138.0</b> | <b>139.6</b> | <b>141.3</b> | <b>142.9</b> | <b>144.4</b> | <b>-</b>                        |

Source:  
ASEAN Secretariat

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

**Chart 1.1. Population Density in ASEAN, 2009-2018**



**Table 1.4. Population in ASEAN by Gender, 2018**

| Country                   | Number ('000)    |                  |                  | Percentage  |             |              | Sex Ratio   |
|---------------------------|------------------|------------------|------------------|-------------|-------------|--------------|-------------|
|                           | Male             | Female           | Total            | Male        | Female      | Total        |             |
| Brunei Darussalam         | 233.4            | 209.0            | 442.4            | 52.8        | 47.2        | 100.0        | 111.7       |
| Cambodia                  | 7,796.2          | 8,185.6          | 15,981.8         | 48.8        | 51.2        | 100.0        | 95.2        |
| Indonesia                 | 126,877.7        | 138,137.6        | 265,015.3        | 47.9        | 52.1        | 100.0        | 91.8        |
| Lao PDR                   | 3,453.1          | 3,434.0          | 6,887.1          | 50.1        | 49.9        | 100.0        | 100.6       |
| Malaysia                  | 16,721.8         | 15,663.4         | 32,385.2         | 51.6        | 48.4        | 100.0        | 106.8       |
| Myanmar                   | 25,748.0         | 27,877.0         | 53,625.0         | 48.0        | 52.0        | 100.0        | 92.4        |
| Philippines               | 53,772.8         | 52,825.8         | 106,598.6        | 50.4        | 49.6        | 100.0        | 101.8       |
| Singapore <sup>1)</sup>   | 1,955.8          | 2,038.4          | 3,994.3          | 49.0        | 51.0        | 100.0        | 95.9        |
| Thailand                  | 33,052.4         | 34,779.1         | 67,831.6         | 48.7        | 51.3        | 100.0        | 95.0        |
| Viet Nam                  | 46,785.2         | 47,880.8         | 94,666.0         | 49.4        | 50.6        | 100.0        | 97.7        |
| <b>ASEAN<sup>2)</sup></b> | <b>316,396.5</b> | <b>331,030.8</b> | <b>647,427.3</b> | <b>48.9</b> | <b>51.1</b> | <b>100.0</b> | <b>95.6</b> |

Source:  
ASEAN Secretariat

Note:

1) Singapore residents only

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

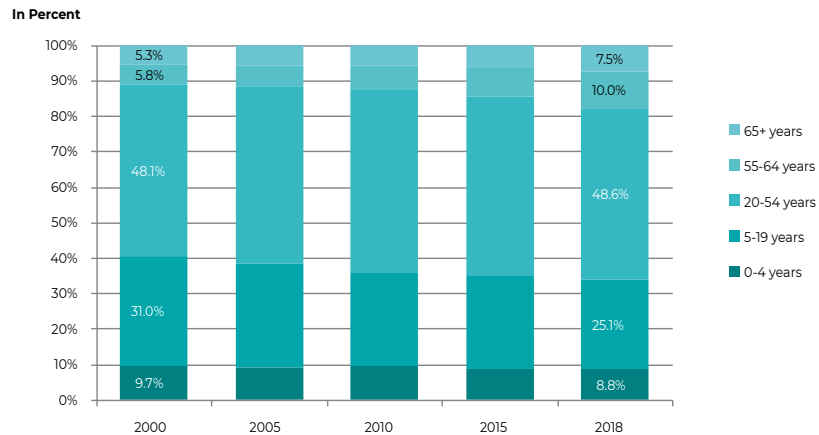
**Table 1.5. Population in ASEAN by Age Group, 2018**

| 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         | 30.1            | 99.2             | 256.7            | 36.2            | 20.2            | 442.4            | 6.8        | 22.4        | 58.0        | 8.2         | 4.6        | 100.0        |
| Cambodia                  | 1,770.9         | 4,303.3          | 7,975.1          | 1,084.5         | 848.0           | 15,981.8         | 11.1       | 26.9        | 49.9        | 6.8         | 5.3        | 100.0        |
| Indonesia                 | 23,920.3        | 67,065.1         | 124,747.5        | 29,736.5        | 19,545.9        | 265,015.3        | 9.0        | 25.3        | 47.1        | 11.2        | 7.4        | 100.0        |
| Lao PDR <sup>1)</sup>     | 723.5           | 2,224.6          | 3,281.2          | 366.0           | 291.7           | 6,887.1          | 10.5       | 32.3        | 47.6        | 5.3         | 4.2        | 100.0        |
| Malaysia                  | 2,595.6         | 7,980.7          | 17,160.0         | 2,550.0         | 2,098.9         | 32,385.2         | 8.0        | 24.6        | 53.0        | 7.9         | 6.5        | 100.0        |
| Myanmar                   | 4,986.0         | 14,879.0         | 26,206.0         | 4,270.0         | 3,284.0         | 53,625.0         | 9.3        | 27.7        | 48.9        | 8.0         | 6.1        | 100.0        |
| Philippines               | 11,431.7        | 31,694.2         | 50,666.8         | 7,232.0         | 5,573.9         | 106,598.6        | 10.7       | 29.7        | 47.5        | 6.8         | 5.2        | 100.0        |
| Singapore <sup>2)</sup>   | 185.5           | 632.1            | 2,052.7          | 576.1           | 547.9           | 3,994.3          | 4.6        | 15.8        | 51.4        | 14.4        | 13.7       | 100.0        |
| Thailand                  | 3,743.3         | 12,471.5         | 34,811.0         | 8,695.3         | 8,110.5         | 67,831.6         | 5.5        | 18.4        | 51.3        | 12.8        | 12.0       | 100.0        |
| Viet Nam                  | 7,263.3         | 21,372.6         | 47,521.2         | 10,109.3        | 8,399.7         | 94,666.0         | 7.7        | 22.6        | 50.2        | 10.7        | 8.9        | 100.0        |
| <b>ASEAN<sup>3)</sup></b> | <b>56,650.3</b> | <b>162,722.3</b> | <b>314,678.3</b> | <b>64,655.9</b> | <b>48,720.6</b> | <b>647,427.3</b> | <b>8.8</b> | <b>25.1</b> | <b>48.6</b> | <b>10.0</b> | <b>7.5</b> | <b>100.0</b> |

Source:  
ASEAN Secretariat

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

**Chart 1.2. Change in ASEAN Population Structure 2000-2018**



**Table 1.6. Urban Population in ASEAN, 2009-2018**

(in percent)

| Country                   | 2009     | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        |
|---------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Brunei Darussalam         | -        | 75.7        | 78.5        | 78.7        | 77.0        | 76.9        | 78.0        | 78.0        | 77.0        | 77.6        |
| Cambodia                  | 19.5     | 19.9        | 21.0        | 21.5        | 21.4        | 22.5        | 23.0        | 23.5        | 24.0        | 23.4        |
| Indonesia                 | -        | 49.8        | 51.2        | 51.9        | 52.0        | 53.0        | 53.3        | 54.0        | 55.0        | 55.3        |
| Lao PDR                   | -        | 33.2        | 35.0        | 35.3        | 36.0        | 37.6        | 38.0        | 40.0        | 34.0        | 35.0        |
| Malaysia                  | 63.7     | 71.0        | 71.9        | 72.7        | 73.0        | 74.0        | 74.0        | 74.8        | 75.2        | 75.6        |
| Myanmar                   | -        | 30.7        | 30.8        | 30.8        | 30.8        | 30.0        | 30.0        | 35.0        | 30.0        | 30.6        |
| Philippines               | -        | 45.3        | 48.5        | 48.6        | 45.0        | 44.0        | 44.0        | 44.0        | 47.0        | 46.9        |
| 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        |
| Viet Nam                  | 29.6     | 30.5        | 31.6        | 31.9        | 32.2        | 33.1        | 33.9        | 34.4        | 35.0        | 35.7        |
| <b>ASEAN<sup>1)</sup></b> | <b>-</b> | <b>44.6</b> | <b>45.0</b> | <b>45.2</b> | <b>45.9</b> | <b>46.8</b> | <b>47.1</b> | <b>48.3</b> | <b>48.5</b> | <b>48.9</b> |

Source

ASEAN Secretariat

ADB Key Indicators for Asia and the Pacific 2010-2018

World Bank WDI Population Data website as of 2010-2018; United Nations Population Division, World Urbanization Prospects: 2018 Revision.

Notes:

1) ASEAN figures are estimated based on AMS figures.





CHAPTER 2

# **Education & Health**





**Table 2.1. Adult Literacy Rate<sup>1)</sup> in ASEAN by Gender, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Total</b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 96.8 | 96.0 | 96.4 | 96.8 | 97.2 | 96.5 | 96.6 | 96.9 | 97.0 | 97.1 |
| Cambodia          | 73.9 | 76.7 | 79.9 | 79.7 | 80.7 | 78.1 | 80.5 | 84.4 | 82.5 | -    |
| Indonesia         | 92.6 | 92.9 | 92.4 | 93.0 | 93.9 | 95.1 | 95.2 | 95.4 | 95.5 | 95.7 |
| Lao PDR           | -    | 75.3 | -    | -    | 79.0 | -    | 84.7 | -    | -    | -    |
| Malaysia          | 92.7 | 93.1 | 93.8 | 94.0 | 94.0 | 94.5 | 94.2 | 94.9 | 95.1 | 94.9 |
| Myanmar           | -    | -    | 89.3 | 89.4 | 89.4 | 89.5 | 89.6 | 75.6 | -    | -    |
| Philippines       | -    | -    | -    | -    | 96.5 | -    | -    | -    | -    | -    |
| Singapore         | 95.6 | 95.9 | 96.2 | 96.4 | 96.6 | 96.7 | 96.8 | 97.0 | 97.2 | 97.3 |
| Thailand          | -    | 96.1 | -    | -    | 93.7 | -    | 92.9 | -    | -    | -    |
| Viet Nam          | 94.0 | 93.7 | 94.2 | 94.7 | 94.8 | 94.7 | 94.9 | 95.0 | 95.1 | 94.8 |
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 97.3 | 97.4 | 97.6 | 97.8 | 98.1 | 97.7 | 97.8 | 98.0 | 98.0 | 98.1 |
| Cambodia          | 82.7 | 85.1 | 87.8 | 86.9 | 87.7 | 84.8 | 86.5 | 90.0 | 87.3 | -    |
| Indonesia         | 95.6 | 95.4 | 95.4 | 95.7 | 96.5 | 96.8 | 97.1 | 97.2 | 97.2 | 97.3 |
| Lao PDR           | -    | 81.2 | -    | -    | 83.0 | 87.1 | 90.0 | -    | -    | -    |
| Malaysia          | 95.2 | 95.3 | 95.8 | 95.9 | 95.9 | 96.2 | 95.8 | 96.3 | 96.5 | 96.1 |
| Myanmar           | -    | -    | 92.3 | 92.5 | 92.5 | 92.6 | 92.7 | 80.0 | -    | -    |
| Philippines       | -    | -    | -    | -    | 96.1 | -    | -    | -    | -    | -    |
| Singapore         | 97.9 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 |
| Thailand          | -    | 96.1 | -    | -    | 95.3 | 96.6 | 94.7 | -    | -    | -    |
| Viet Nam          | 96.1 | 95.9 | 96.5 | 96.6 | 96.6 | 96.4 | 96.6 | 96.6 | 96.7 | 96.5 |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 94.6 | 94.6 | 95.2 | 95.8 | 96.3 | 95.3 | 95.3 | 95.7 | 95.9 | 96.0 |
| Cambodia          | 65.9 | 69.1 | 72.6 | 73.2 | 74.4 | 71.8 | 75.0 | 79.3 | 78.1 | -    |
| Indonesia         | 89.7 | 90.5 | 89.5 | 90.3 | 91.4 | 93.5 | 93.3 | 93.6 | 93.8 | 94.0 |
| Lao PDR           | -    | 69.6 | -    | -    | 74.0 | 72.8 | 79.4 | -    | -    | -    |
| Malaysia          | 90.2 | 90.7 | 91.6 | 92.0 | 92.0 | 92.7 | 92.6 | 93.4 | 93.6 | 93.5 |
| Myanmar           | -    | -    | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 71.8 | -    | -    |
| Philippines       | -    | -    | -    | -    | 96.8 | -    | -    | -    | -    | -    |
| Singapore         | 93.3 | 93.8 | 94.1 | 94.4 | 94.7 | 94.9 | 95.2 | 95.4 | 95.7 | 95.9 |
| Thailand          | -    | 96.4 | -    | -    | 92.2 | 96.7 | 91.2 | -    | -    | -    |
| Viet Nam          | 92.0 | 91.6 | 92.2 | 92.9 | 93.1 | 93.0 | 93.3 | 93.5 | 93.6 | 93.2 |

Sources:  
 ASEAN Secretariat  
 ADB Key Indicators for Asia and the Pacific, 2010-2017  
 World Bank - World Development Indicators

Notes:

1) Adult Literacy Rate refers to 15+; for Brunei Darussalam age 10 and above  
 "-" not available at the time of publication

**Table 2.2. Net Enrollment Ratio in Primary School in ASEAN by Gender, 2009-2018**

(in percent)

| Country           | 2009 | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  |
|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Total</b>      |      |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam | 97.5 | 97.4  | 100.6 | 100.8 | 101.8 | 99.9  | 100.0 | 103.0 | 104.4 | 103.1 |
| Cambodia          | 94.4 | 94.8  | 95.2  | 97.0  | 95.6  | 94.5  | 93.9  | 93.5  | 92.6  | -     |
| Indonesia         | 94.4 | 94.8  | 91.0  | 92.5  | 95.6  | 96.4  | 96.2  | 96.8  | 97.2  | 97.6  |
| Lao PDR           | 91.6 | 92.7  | 94.1  | 95.2  | 97.3  | -     | 98.0  | -     | -     | -     |
| Malaysia          | 97.3 | 96.6  | 96.7  | 97.7  | 98.8  | 98.4  | 98.1  | 96.1  | 96.7  | -     |
| Myanmar           | 83.9 | 84.1  | 84.6  | 84.6  | 86.4  | 86.7  | 94.5  | 95.5  | 96.9  | 97.0  |
| Philippines       | 89.2 | 89.4  | 89.9  | 95.1  | 93.8  | 92.6  | 91.0  | 95.2  | 94.2  | -     |
| Singapore         | 96.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand          | -    | 86.0  | -     | 97.6  | 98.8  | -     | 96.0  | -     | -     | -     |
| Viet Nam          | 95.5 | 94.9  | 95.3  | 96.5  | 96.6  | 96.8  | 97.2  | 98.0  | 98.0  | -     |
| <b>Male</b>       |      |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam | 95.9 | 96.9  | 100.2 | -     | -     | -     | -     | 102.5 | 104.5 | 101.8 |
| Cambodia          | 94.8 | 95.0  | 95.8  | 98.0  | 95.4  | 94.1  | 93.3  | 93.2  | 92.4  | -     |
| Indonesia         | 94.4 | 95.0  | 91.6  | 92.6  | 95.7  | 96.6  | 96.5  | 97.0  | 97.3  | 97.8  |
| Lao PDR           | 92.7 | 93.7  | 94.9  | 96.0  | 98.1  | -     | -     | -     | -     | -     |
| Malaysia          | 95.9 | 96.4  | 96.3  | 97.5  | 98.7  | 98.7  | 95.3  | 96.0  | 95.9  | -     |
| Myanmar           | 84.5 | -     | -     | 88.6  | 88.7  | 86.3  | 85.2  | 95.5  | 96.6  | 96.8  |
| Philippines       | 76.4 | 94.5  | 95.8  | 94.2  | 93.0  | 91.8  | 90.2  | -     | -     | -     |
| Singapore         | 97.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand          | 90.0 | 90.0  | -     | -     | -     | -     | -     | -     | -     | -     |
| Viet Nam          | 95.5 | 95.0  | 95.2  | 96.4  | 96.7  | -     | -     | -     | -     | -     |
| <b>Female</b>     |      |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam | 91.2 | 91.9  | 100.9 | -     | -     | -     | -     | 103.4 | 104.3 | 104.6 |
| Cambodia          | 94.0 | 94.6  | 94.6  | 97.7  | 95.8  | 94.9  | 94.7  | 93.9  | 92.9  | -     |
| Indonesia         | 92.2 | 94.7  | 90.5  | 92.4  | 95.5  | 96.3  | 96.9  | 96.7  | 97.0  | 97.4  |
| Lao PDR           | 90.4 | 91.7  | 93.3  | 94.3  | 96.5  | -     | -     | -     | -     | -     |
| Malaysia          | 98.8 | 96.7  | 97.2  | 97.9  | 98.9  | 98.0  | 97.0  | 97.4  | 97.4  | -     |
| Myanmar           | 82.7 | 86.7  | 84.7  | 85.1  | 85.3  | 83.0  | 94.8  | 94.7  | 94.7  | 97.2  |
| Philippines       | 89.0 | 97.5  | 98.5  | 96.2  | 94.7  | 93.4  | 92.0  | -     | -     | -     |
| Singapore         | 96.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand          | 89.4 | 89.4  | -     | -     | -     | -     | -     | -     | -     | -     |
| Viet Nam          | 95.4 | 94.9  | 95.4  | 96.6  | 96.5  | -     | -     | -     | -     | -     |

Sources:  
ASEAN Secretariat  
World Bank - World Development Indicators

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

**Table 2.3. Net Enrollment Ratio in Secondary School in ASEAN by Gender 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Total</b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | -    | 97.0 | 95.8 | 93.6 | 93.9 | 92.0 | 92.5 | 90.0 | 90.8 | 88.9 |
| Cambodia          | 24.9 | 26.0 | 27.6 | 28.7 | 34.7 | 34.8 | 35.7 | 37.1 | -    | -    |
| Indonesia         | 67.4 | 67.7 | 68.4 | 70.9 | 73.9 | 77.5 | 77.8 | 78.0 | 78.7 | 78.8 |
| Lao PDR           | 36.8 | 33.9 | 33.4 | 34.7 | -    | -    | -    | -    | -    | -    |
| Malaysia          | 90.0 | 89.6 | 89.8 | 90.2 | 90.4 | 68.0 | 68.5 | 87.3 | 90.2 | -    |
| Myanmar           | 40.9 | 48.7 | 40.4 | 40.9 | 40.5 | 44.0 | 45.8 | 47.5 | 54.0 | 57.8 |
| Philippines       | 59.5 | 64.7 | 64.8 | 64.2 | 64.9 | 63.2 | 68.2 | 74.2 | 76.0 | -    |
| Singapore         | 95.2 | 98.3 | 98.8 | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | -    | -    |
| Thailand          | -    | 83.4 | -    | -    | -    | -    | -    | -    | -    | -    |
| Viet Nam          | -    | 70.8 | 72.0 | 74.1 | 76.2 | 77.1 | 80.2 | 82.1 | 83.4 | -    |
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 95.5 | -    | 96.1 | -    | -    | -    | -    | 90.3 | 90.0 | 88.1 |
| Cambodia          | 24.8 | 25.1 | 26.7 | 31.3 | 33.6 | 33.2 | 33.5 | 34.2 | -    | -    |
| Indonesia         | 66.8 | 67.0 | 67.0 | 69.5 | 70.6 | 75.6 | 75.6 | 75.7 | 77.7 | 77.9 |
| Lao PDR           | 41.1 | 55.5 | 36.8 | 38.0 | -    | -    | -    | -    | -    | -    |
| Malaysia          | 87.3 | 87.0 | 87.0 | 87.5 | 87.6 | 65.0 | 65.0 | 84.3 | 88.0 | -    |
| Myanmar           | 38.5 | 41.3 | 41.7 | 41.4 | 44.9 | -    | 43.7 | 44.7 | 51.1 | 54.6 |
| Philippines       | 44.9 | 59.5 | 59.0 | 59.5 | 59.9 | 58.4 | 63.6 | -    | -    | -    |
| Singapore         | 95.6 | 98.5 | 99.0 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | -    | -    |
| Thailand          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Viet Nam          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 99.4 | -    | 95.6 | -    | -    | -    | -    | 89.7 | 91.7 | 89.8 |
| Cambodia          | 25.1 | 27.1 | 28.6 | 29.1 | 35.8 | 36.5 | 38.0 | 40.1 | -    | -    |
| Indonesia         | 66.9 | 66.4 | 68.9 | 71.5 | 72.8 | 77.7 | 79.0 | 79.6 | 79.7 | 79.9 |
| Lao PDR           | 32.5 | 30.4 | 30.0 | 31.4 | -    | -    | -    | -    | -    | -    |
| Malaysia          | 92.9 | 92.4 | 92.8 | 93.1 | 93.4 | 71.2 | 72.3 | 90.6 | 92.5 | -    |
| Myanmar           | 40.6 | 39.6 | 40.1 | 39.7 | 43.2 | -    | 47.9 | 50.4 | 57.1 | 61.0 |
| Philippines       | 52.5 | 70.2 | 69.6 | 70.0 | 70.1 | 68.3 | 73.0 | -    | -    | -    |
| Singapore         | 94.8 | 98.1 | 98.5 | 98.8 | 99.2 | 99.6 | 99.5 | 99.5 | -    | -    |
| Thailand          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Viet Nam          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |

Sources:  
ASEAN Secretariat  
World Bank - World Development Indicators

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

**Table 2.4. Ratio of Girls to Boys in Primary and Secondary School in ASEAN, 2008-2017**

(in percent)

| Country                 | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Primary School</b>   |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam       | 91.9  | 92.7  | 93.4  | 93.7  | 93.8  | 94.4  | 94.7  | 94.1  | 93.9  | 93.8  |
| Cambodia                | 90.2  | 91.4  | 90.9  | 91.1  | 88.9  | 92.2  | 93.3  | 93.5  | 93.0  | 92.6  |
| Indonesia               | -     | 93.0  | 100.0 | 101.0 | 102.0 | -     | -     | 91.5  | -     | -     |
| Lao PDR                 | 96.0  | -     | 93.0  | -     | 91.0  | -     | -     | 92.0  | -     | -     |
| Malaysia                | 94.4  | 94.1  | 94.5  | 96.6  | 96.9  | 95.8  | 97.1  | 96.0  | 95.4  | 100.0 |
| Myanmar                 | 98.5  | 97.4  | 98.1  | 96.6  | 96.9  | 96.2  | 96.0  | 96.1  | 95.4  | 94.7  |
| Philippines             | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | -     |
| Singapore               | 99.4  | 99.2  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Thailand                | 98.6  | 94.0  | 93.6  | -     | -     | -     | -     | 90.0  | -     | -     |
| Viet Nam                | 94.7  | -     | 93.0  | -     | 91.7  | 91.8  | 91.8  | 93.0  | -     | -     |
| <b>Secondary School</b> |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam       | 91.9  | 91.4  | 91.1  | 89.0  | 87.5  | 88.8  | 89.6  | 91.9  | 92.1  | 93.0  |
| Cambodia                | 88.0  | 84.0  | 86.0  | 89.0  | 91.0  | 96.3  | 99.7  | 103.3 | 106.9 | 108.9 |
| Indonesia               | 99.0  | 95.5  | 102.0 | 101.0 | 102.0 | -     | -     | 96.5  | -     | -     |
| Lao PDR                 | 81.0  | -     | 58.4  | -     | -     | -     | -     | 89.0  | -     | -     |
| Malaysia                | 99.0  | 99.4  | 99.2  | 99.5  | 98.9  | 99.2  | 94.1  | 107.9 | 109.5 | 109.5 |
| Myanmar                 | 101.0 | 101.3 | 104.6 | 103.9 | 104.3 | 105.6 | 106.6 | 107.9 | 109.5 | 109.1 |
| Philippines             | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -     |
| Singapore               | 99.8  | 99.2  | 99.6  | 99.0  | 100.0 | 99.8  | 100.1 | 100.0 | 100.0 | 100.0 |
| Thailand                | 109.0 | 104.6 | 108.8 | -     | 106.0 | -     | -     | 110.0 | -     | -     |
| Viet Nam                | -     | -     | 95.6  | -     | 94.3  | 94.9  | 95.4  | 95.0  | -     | -     |

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

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

**Table 2.5. Pupil-Teacher Ratio in Primary and Secondary School in ASEAN, 2008-2017**

| Country                 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Primary School</b>   |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 11.9 | 11.9 | 13.6 | 11.3 | 10.6 | 10.2 | 10.3 | 10.0 | 9.9  | 10.2 |
| Cambodia                | 49.3 | 49.7 | 48.4 | 48.4 | 48.4 | -    | -    | 45.5 | 42.5 | 44.0 |
| Indonesia               | 18.0 | 17.0 | 17.0 | 18.4 | 19.7 | 17.5 | 17.2 | -    | 14.0 | 17.2 |
| Lao PDR                 | 30.0 | 31.2 | 28.8 | 26.8 | 25.7 | -    | -    | 24.2 | 23.0 | -    |
| Malaysia                | 15.0 | 14.0 | 13.3 | 13.1 | 11.9 | -    | -    | 11.5 | 11.6 | 11.6 |
| Myanmar                 | 28.0 | 28.0 | 28.0 | 27.0 | 28.0 | -    | -    | -    | -    | 23.0 |
| Philippines             | -    | 31.4 | -    | -    | -    | -    | -    | -    | -    | -    |
| Singapore               | 19.3 | 17.4 | -    | 18.5 | 17.6 | 16.4 | -    | -    | -    | 15.1 |
| Thailand                | 16.0 | -    | -    | -    | -    | -    | -    | 16.9 | -    | -    |
| Viet Nam                | 19.3 | 19.5 | 18.6 | 19.4 | 18.9 | 19.2 | 19.0 | 19.2 | 19.6 | 20.3 |
| <b>Secondary School</b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam       | 9.7  | 10.6 | 10.3 | 10.2 | 9.9  | 9.3  | 9.3  | 9.0  | 8.8  | 9.0  |
| Cambodia                | 28.9 | 27.4 | 26.7 | 25.2 | 23.1 | -    | -    | -    | 20.9 | 21.9 |
| Indonesia               | 14.0 | 14.0 | 14.0 | 17.2 | 18.5 | 17.3 | 16.3 | -    | 14.1 | 16.1 |
| Lao PDR                 | 23.2 | 15.0 | 16.3 | 14.2 | 13.3 | -    | -    | 18.7 | 18.3 | -    |
| Malaysia                | 14.5 | 13.7 | 13.4 | 13.1 | 12.9 | -    | -    | 12.0 | 12.0 | 11.8 |
| Myanmar                 | 36.0 | 35.0 | 34.0 | 35.0 | 34.0 | -    | -    | -    | 27.0 | 27.0 |
| Philippines             | -    | 35.0 | -    | -    | -    | -    | -    | -    | -    | -    |
| Singapore               | 16.4 | 14.9 | -    | 14.7 | 14.1 | 13.3 | -    | -    | 12.2 | 11.7 |
| Thailand                | 21.2 | -    | -    | 19.9 | -    | -    | -    | 28.2 | -    | -    |
| Viet Nam                | 17.3 | 16.3 | 15.6 | 15.8 | 15.5 | 15.6 | 16.0 | -    | 16.7 | 17.3 |

Sources:  
 ASEAN Secretariat  
 ADB Key Indicators for Asia and the Pacific  
 United Nations Educational, Scientific and Cultural Organization (UNESCO)

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

**Table 2.6. Crude Birth Ratio (CBR) and Crude Death Ratio (CDR) in ASEAN, 2009-2018**

| Country                                     | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|------|------|------|------|------|------|------|------|------|------|
| <b>Crude Birth ratio (CBR)<sup>1)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                           | 17.4 | 16.6 | 17.1 | 17.3 | 16.5 | 16.8 | 16.1 | 15.2 | 15.0 | 14.0 |
| Cambodia                                    | 24.7 | 22.5 | -    | 25.9 | 25.7 | -    | 23.8 | 23.3 | -    | -    |
| Indonesia                                   | 18.5 | 21.0 | 21   | 20.3 | 19.9 | 19.5 | 19.2 | 18.8 | 18.5 | 18.2 |
| Lao PDR                                     | 30.7 | 22.8 | -    | 28.1 | 27.2 | 26.6 | 26.3 | 23.9 | -    | -    |
| Malaysia                                    | 17.9 | 17.2 | 17.6 | 17.8 | 16.7 | 17.2 | 16.7 | 16.1 | 15.9 | 15.8 |
| Myanmar                                     | 20.3 | 17.3 | -    | 17.4 | 17.2 | 20.6 | 20.4 | 20.2 | 19.9 | -    |
| Philippines                                 | 24.4 | 25.1 | -    | 24.6 | 24.4 | -    | 23.3 | 23.2 | -    | -    |
| Singapore                                   | 9.9  | 9.3  | 9.5  | 10.1 | 9.3  | 9.8  | 9.7  | 9.4  | 8.9  | 8.8  |
| Thailand                                    | 14.4 | 12.1 | 12.4 | 12.5 | 10.2 | -    | 10.5 | 10.3 | 10.1 | -    |
| Viet Nam                                    | 17.6 | 17.1 | 16.6 | 16.9 | 17.0 | 17.2 | 16.2 | 16.0 | 14.9 | 14.6 |
| <b>Crude Death Ratio (CDR)<sup>2)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                           | 3.1  | 3.1  | 3.1  | 3.0  | 3.5  | 3.6  | 3.8  | 3.9  | 3.9  | 3.8  |
| Cambodia                                    | 8.2  | 8.0  | -    | 6.0  | 6.0  | -    | 6.0  | 6.1  | -    | -    |
| Indonesia                                   | 6.3  | 6.4  | 6    | 6.4  | 6.3  | 6.3  | 6.4  | 6.4  | 6.4  | 6.5  |
| Lao PDR                                     | 8.4  | 6.3  | -    | 7.4  | 7.0  | 6.3  | 6.6  | 6.7  | -    | -    |
| Malaysia                                    | 4.7  | 4.6  | 4.7  | 4.7  | 4.7  | 4.9  | 5.0  | 5.1  | 5.3  | 5.1  |
| Myanmar                                     | 9.6  | 8.6  | -    | 8.5  | 8.5  | 9.5  | 9.3  | 9.1  | 8.9  | -    |
| Philippines                                 | 4.8  | 5.8  | -    | 6.0  | 6.0  | -    | 6.8  | 6.5  | -    | -    |
| Singapore                                   | 4.3  | 4.4  | 4.5  | 4.5  | 4.6  | 4.7  | 4.8  | 4.8  | 5.0  | 5.0  |
| Thailand                                    | 6.2  | 6.5  | 6.5  | 6.5  | 7.7  | -    | 8.0  | 7.9  | 7.0  | -    |
| Viet Nam                                    | 6.8  | 6.8  | 6.9  | 7.0  | 7.1  | 6.9  | 6.8  | 6.8  | 6.8  | 6.8  |

Sources:  
 ASEAN Secretariat  
 ADB Key Indicators for Asia and the Pacific 2010-2017  
 World Bank - World Development Indicators

Notes:  
 1) CBR: number of live births per 1000 mid-year total population, per 1000 residents for Singapore  
 2) CDR: number of deaths per 1000 mid-year total population, per 1000 residents for Singapore  
 "-": not available at the time of publication

**Table 2.7. Infant Mortality Rate (IMR) and Under Five Mortality Rate in ASEAN, 2009-2018**

| Country   | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|------|------|------|------|------|------|------|------|------|------|
| <b>Infant Mortality Rate (IMR)<sup>1)</sup></b> |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                               | 7.4  | 6.1  | 8.3  | 9.3  | 7.8  | 7.3  | 8.8  | 8.1  | 9.3  | 9.0  |
| Cambodia  | 60.0 | 44.9 | 36.0 | 33.0 | -    | 28.0 | 27.0 | 26.3 | 25.0 | 24.0 |
| Indonesia                                       | -    | 34.0 | 34.0 | 27.9 | 27.2 | 26.6 | 22.2 | 25.5 | 21.0 | 21.0 |
| Lao PDR   | 59.2 | 56.6 | 68.0 | 51.5 | 48.9 | 46.5 | 57.0 | 48.9 | 49.0 | 38.0 |
| Malaysia  | 6.9  | 6.7  | 6.5  | 6.2  | 6.3  | 6.7  | 6.9  | 6.7  | 6.9  | 6.2  |
| Myanmar <sup>3)</sup>                           | 27.2 | 27.1 | 38.4 | 37.3 | 35.3 | 45.9 | 44.8 | 43.8 | 42.8 | 37.0 |
| Philippines                                     | 23.9 | 27.0 | 20.0 | -    | -    | -    | 23.0 | 21.5 | 21.0 | 22.0 |
| Singapore                                       | 2.2  | 2.0  | 2.0  | 1.8  | 2.0  | 1.8  | 1.7  | 2.4  | 2.2  | 2.1  |
| Thailand  | 7.1  | 7.0  | 6.6  | 6.8  | 6.4  | 6.5  | 6.2  | 6.4  | 5.9  | 8.0  |
| Viet Nam  | 16.0 | 15.8 | 15.5 | 15.4 | 15.3 | 14.9 | 14.7 | 14.5 | 14.4 | 14.2 |
| <b>Under-5 mortality rate <sup>2)</sup></b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam                               | 8.2  | 7.2  | 10.0 | 10.3 | 9.7  | 8.7  | 9.9  | 10.1 | 11.3 | 10.8 |
| Cambodia  | -    | 54.0 | 43.0 | 40.0 | -    | -    | 35.0 | 30.6 | 29.0 | 28.0 |
| Indonesia                                       | -    | 42.0 | 32.0 | 40.0 | -    | -    | 26.3 | 26.4 | 25.0 | 25.0 |
| Lao PDR   | 80.4 | 76.4 | 79.0 | 68.4 | 64.3 | -    | 86.0 | 63.9 | 63.0 | 47.0 |
| Malaysia  | 8.6  | 8.4  | 8.0  | 7.6  | 7.9  | 8.3  | 8.4  | 8.1  | 8.4  | 7.7  |
| Myanmar   | 36.5 | 34.9 | 45.2 | 44.7 | 43.0 | 66.5 | 65.3 | 64.0 | 62.6 | 46.0 |
| Philippines                                     | -    | 36.0 | 25.0 | -    | -    | -    | 31.0 | 27.1 | 27.0 | 28.0 |
| Singapore                                       | 2.8  | 2.9  | 2.9  | 2.7  | 2.6  | 2.5  | 2.6  | 2.7  | 2.8  | 2.7  |
| Thailand  | 9.8  | 9.8  | 9.0  | 9.0  | 9.0  | -    | 8.6  | 12.2 | 10.0 | 9.0  |
| Viet Nam  | 24.1 | 23.8 | 23.3 | 23.2 | 23.1 | 22.4 | 22.1 | 21.8 | 21.5 | 21.4 |

*Sources:*

ASEAN Secretariat

World Health Statistics Report 2018

World Bank - World Development Indicators

UNDP - Human Development Indices and Indicator - 2018 Statistical Update

UN UGME Child Mortality Report 2019 for 2018 data except Brunei Darussalam, Malaysia, Singapore, and Viet Nam

*Notes:*

1) IMR: number of infant deaths per 1000 live births

2) Under-5 mortality rate: number of under-5 babies death per 1000 live births

3) Myanmar IMR is for urban area

“-” not available at the time of publication

**Table 2.8. Total Fertility Rate (TFR) and Maternal Mortality Ratio (MMR) in ASEAN, 2008-2017**

| Country  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| <b>Total Fertility Rate (TFR)<sup>1)</sup></b>     |       |       |       |       |       |       |       |       |       |      |
| Brunei Darussalam                                  | 1.9   | 1.8   | 1.9   | 1.9   | 1.9   | 1.9   | 1.8   | 1.8   | 1.8   | 1.8  |
| Cambodia   | 2.9   | 2.9   | 2.6   | -     | -     | 2.7   | 2.6   | 2.6   | 2.6   | -    |
| Indonesia  | 2.2   | 2.1   | 2.1   | -     | -     | 2.5   | 2.4   | 2.4   | 2.4   | 2.3  |
| Lao PDR  | 4.0   | 3.4   | 2.7   | -     | 3.4   | 3.2   | 2.8   | 2.9   | 2.7   | -    |
| Malaysia   | 2.3   | 2.2   | 2.1   | 2.2   | 2.2   | 2.0   | 2.1   | 2.0   | 1.9   | 1.9  |
| Myanmar  | 2.3   | 2.3   | 2.4   | 2.3   | 2.2   | 2.2   | 2.3   | 2.2   | 2.2   | -    |
| Philippines  | 3.1   | 3.0   | 3.1   | -     | -     | 3.0   | 3.0   | 2.9   | 2.9   | -    |
| Singapore  | 1.3   | 1.2   | 1.2   | 1.2   | 1.3   | 1.2   | 1.3   | 1.2   | 1.2   | 1.2  |
| Thailand   | 1.8   | 1.8   | 1.6   | -     | -     | 1.5   | 1.5   | 1.5   | 1.5   | 1.5  |
| Viet Nam   | 2.1   | 2.0   | 2.0   | 2.0   | 2.0   | 2.1   | 2.1   | 2.1   | 2.1   | 2.0  |
| <b>Maternal Mortality Ratio (MMR)<sup>2)</sup></b> |       |       |       |       |       |       |       |       |       |      |
| Brunei Darussalam                                  | 0.0   | 15.1  | 15.6  | 0.0   | 43.4  | 15.0  | 14.5  | 59.7  | 0.0   | 62.0 |
| Cambodia   | 460.8 | -     | 206.0 | -     | -     | 170.0 | -     | 161.0 | -     | -    |
| Indonesia  | -     | -     | 169.0 | -     | -     | 190.0 | -     | 126.0 | -     | -    |
| Lao PDR  | -     | -     | 280.0 | -     | -     | 220.0 | -     | 197.0 | -     | -    |
| Malaysia   | 27.0  | 26.7  | 26.1  | 26.2  | 23.2  | 21.4  | 22.3  | 23.8  | 29.1  | 25.0 |
| Myanmar  | 148.0 | 141.0 | 142.0 | 148.0 | 146.0 | 143.0 | 209.0 | 236.0 | 203.0 | -    |
| Philippines  | -     | -     | 129.0 | -     | -     | 120.0 | -     | 114.0 | -     | -    |
| Singapore  | 7.5   | 0.0   | 2.6   | 7.6   | 2.3   | 2.5   | 2.4   | 7.1   | 4.8   | 0.0  |
| Thailand   | 11.3  | 10.8  | 10.2  | 8.9   | 17.6  | 22.2  | 23.3  | 24.6  | 26.6  | 21.8 |
| Viet Nam   | 76.0  | 69.0  | 58.0  | -     | -     | 49.0  | -     | 54.0  | -     | -    |

Sources:  
 ASEAN Secretariat  
 ADB Key Indicators 2008-2017  
 UNDP - Human Development Indices and Indicator - 2018 Statistical Update  
 World Bank - World Development Indicators

Notes:  
 1) TFR: average number of children that would be born to a woman over her lifetime  
 2) MMR: 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, 2009-2018**

(in years)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Total</b>      |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 77.7 | 77.7 | 77.1 | 80.1 | 78.0 | 77.2 | 77.7 | 77.8 | 76.6 | 77.5 |
| Cambodia          | 63.8 | 64.5 | 65.2 | 65.9 | 66.6 | 67.6 | 68.3 | 69.1 | 69.9 | 70.6 |
| Indonesia         | 70.7 | 69.8 | 70.0 | 70.2 | 70.4 | 70.6 | 70.8 | 70.9 | 71.1 | 71.2 |
| Lao PDR           | -    | 64.7 | 65.4 | 66.1 | 66.9 | 68.0 | 68.0 | -    | 67.0 | -    |
| Malaysia          | 73.9 | 74.1 | 74.3 | 74.4 | 74.6 | 74.7 | 74.8 | 74.4 | 74.6 | 75.0 |
| Myanmar           | 66.5 | 66.6 | 67.3 | 67.4 | 67.8 | 63.9 | 64.4 | 65.0 | 65.5 | -    |
| Philippines       | 68.9 | 68.9 | 70.4 | -    | 68.7 | 70.4 | 70.4 | -    | 69.2 | -    |
| Singapore         | 81.4 | 81.7 | 81.9 | 82.1 | 82.4 | 82.8 | 82.9 | 82.9 | 83.1 | 83.2 |
| Thailand          | -    | -    | 74.1 | 74.2 | 74.4 | -    | 74.6 | 74.3 | 75.5 | -    |
| Viet Nam          | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.5 |
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 77.1 | 77.5 | 75.6 | 78.9 | 77.7 | 75.8 | 77.8 | 76.9 | 74.8 | 76.4 |
| Cambodia          | 61.4 | 62.3 | 63.1 | 64.0 | 64.8 | 65.6 | 66.4 | 67.1 | 67.9 | 68.6 |
| Indonesia         | 68.8 | 67.9 | 68.1 | 68.3 | 68.5 | 68.9 | 68.9 | 69.0 | 69.2 | 69.3 |
| Lao PDR           | 65.4 | 62.7 | 66.5 | -    | -    | 66.0 | 65.0 | -    | 65.4 | -    |
| Malaysia          | 71.7 | 71.9 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.1 | 72.3 | 72.7 |
| Myanmar           | 64.5 | 64.6 | 64.9 | 65.1 | 65.5 | 59.3 | 59.7 | 60.3 | 60.8 | -    |
| Philippines       | 66.1 | 66.1 | 67.6 | 65.2 | 65.4 | -    | 73.1 | -    | 65.9 | -    |
| Singapore         | 78.9 | 79.2 | 79.5 | 79.8 | 80.1 | 80.5 | 80.5 | 80.6 | 80.7 | 81.0 |
| Thailand          | 70.4 | 70.6 | 70.8 | 70.9 | 71.1 | -    | 71.3 | -    | 71.8 | -    |
| Viet Nam          | 70.2 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.9 |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 78.3 | 77.8 | 78.5 | 81.2 | 78.3 | 78.5 | 77.5 | 78.7 | 78.3 | 78.5 |
| Cambodia          | 65.2 | 66.1 | 67.0 | 67.9 | 68.8 | 69.6 | 70.4 | 71.2 | 72.0 | 72.7 |
| Indonesia         | 72.7 | 71.8 | 72.0 | 72.2 | 72.4 | 72.6 | 72.8 | 72.9 | 73.1 | 73.2 |
| Lao PDR           | 68.0 | 66.7 | 68.9 | -    | -    | 70.0 | 62.0 | -    | 68.6 | -    |
| Malaysia          | 76.3 | 76.6 | 76.8 | 76.9 | 76.9 | 77.0 | 77.1 | 77.0 | 77.2 | 77.6 |
| Myanmar           | 68.4 | 68.6 | 68.7 | 68.9 | 69.1 | 68.7 | 69.3 | 69.8 | 70.3 | -    |
| Philippines       | 71.6 | 71.6 | 73.1 | -    | 72.2 | -    | 67.6 | -    | 72.8 | -    |
| Singapore         | 83.7 | 84.0 | 84.1 | 84.3 | 84.5 | 84.9 | 85.1 | 85.1 | 85.2 | 85.4 |
| Thailand          | 77.3 | 77.4 | 77.5 | 77.6 | 77.8 | -    | 78.0 | -    | 79.3 | -    |
| Viet Nam          | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 |

Sources:

ASEAN Secretariat

World Bank - World Development Indicators

UNDP - Human Development Indices and Indicator - 2018 Statistical Update

Notes:

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

"-" not available at the time of publication

**Table 2.10. Immunization Against Measles and DPT Among Children of 1 Year Old in ASEAN, 2008-2017**

(in percent)

| Country                 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013  | 2014  | 2015 | 2016  | 2017  |
|-------------------------|------|------|------|------|------|-------|-------|------|-------|-------|
| <b>Measles</b>          |      |      |      |      |      |       |       |      |       |       |
| Brunei Darussalam       | 97.0 | 99.0 | 94.4 | 91.0 | 98.6 | 96.0  | 97.0  | 96.0 | 98.0  | 97.0  |
| Cambodia                | 80.0 | 81.0 | 81.9 | 93.0 | 93.0 | 93.0  | 94.0  | 81.0 | 81.0  | 84.0  |
| Indonesia               | 75.5 | 77.2 | 77.7 | 76.9 | 78.0 | 77.9  | 78.7  | 75.0 | 72.8  | 70.7  |
| Lao PDR                 | 40.0 | 59.0 | 78.0 | 69.0 | 72.0 | 82.0  | 87.0  | 88.0 | 76.0  | 82.0  |
| Malaysia                | 94.3 | 96.9 | 96.1 | 95.2 | 95.5 | 95.3  | 94.0  | 93.1 | 94.4  | 93.0  |
| Myanmar                 | 82.0 | 87.0 | 88.0 | 84.9 | 84.0 | 86.0  | 88.0  | 84.0 | 91.0  | 83.0  |
| Philippines             | 92.0 | 88.0 | 88.0 | 79.0 | 85.0 | 90.0  | 88.0  | 82.0 | 80.0  | 89.0  |
| Singapore <sup>1)</sup> | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0 | 95.0  | 95.0  |
| Thailand                | 96.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0  | 99.0  | 99.0 | 99.0  | 99.0  |
| Viet Nam                | 95.6 | 97.0 | 97.8 | 96.5 | 96.4 | 97.7  | 86.2  | 97.0 | 99.0  | 92.7  |
| <b>DPT<sup>2)</sup></b> |      |      |      |      |      |       |       |      |       |       |
| Brunei Darussalam       | 99.0 | 99.0 | 95.4 | 97.0 | 95.4 | 99.6  | 99.0  | 99.0 | 100.0 | 100.0 |
| Cambodia                | 82.0 | 94.0 | 92.0 | 94.0 | 95.0 | 92.0  | 97.0  | 89.0 | 90.0  | 93.0  |
| Indonesia               | 86.1 | 89.1 | 89.8 | 89.1 | 90.0 | 90.3  | 90.7  | 83.5 | 84.8  | 83.8  |
| Lao PDR                 | 50.0 | 57.0 | 74.0 | 78.0 | 79.0 | 89.0  | 94.0  | 89.0 | 82.0  | 85.0  |
| Malaysia                | 96.0 | 95.0 | 94.0 | 99.0 | 99.0 | 97.0  | 93.0  | 99.0 | 98.0  | 99.0  |
| Myanmar                 | 85.0 | 90.0 | 90.0 | 83.5 | 85.0 | 90.0  | 92.0  | 89.0 | 90.0  | 89.0  |
| Philippines             | 87.0 | 87.0 | 87.0 | 81.0 | 86.0 | 98.0  | 86.0  | 60.0 | 86.0  | 88.0  |
| Singapore <sup>1)</sup> | 97.0 | 97.0 | 96.0 | 96.0 | 97.0 | 97.0  | 96.0  | 96.0 | 98.0  | 96.0  |
| Thailand                | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 100.0 | 100.0 | 99.0 | 99.0  | 99.0  |
| Viet Nam                | 92.0 | 96.0 | 93.0 | 95.0 | 97.0 | 83.0  | 95.0  | 97.0 | 96.0  | 94.4  |

Sources:  
 ASEAN Secretariat  
 Statistical Yearbook for Asia and the Pacific 2009-2012 for immunisation against Measles and DPT  
 WHO and UNICEF estimates of immunization for 2014, for 2013 and 2014 except Indonesia, Singapore, and Viet Nam on Measles  
 World Bank - World Development Indicators for 2017 except Brunei Darussalam, Indonesia, Singapore, Viet Nam

Note:  
 1) Immunization coverage for children at 2 years of age  
 2) DPT: Diphtheria, pertussis, and tetanus

**Table 2.11. Incidence of Malaria and Tuberculosis<sup>1)</sup> in ASEAN, 2008-2017**

| Country                 | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Malaria</b>          |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam       | -     | -     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Cambodia                | -     | -     | 20.5  | -     | -     | -     | -     | 13.0  | 8.9   | 18.4  |
| Indonesia               | 2.4   | 1.8   | 2.0   | 1.8   | 1.7   | 1.4   | 1.0   | 0.9   | 0.8   | 5.8   |
| Lao PDR                 | -     | -     | 17.8  | -     | -     | -     | -     | 20.9  | 7.8   | 5.8   |
| Malaysia                | 20.1  | 26.7  | 24.8  | 23.5  | 18.6  | 16.1  | 13.0  | 13.0  | 7.6   | 0.1   |
| Myanmar                 | 10.8  | 10.0  | 11.7  | 10.9  | 8.1   | 6.8   | 4.1   | 3.6   | 2.3   | 3.7   |
| Philippines             | 26.2  | 21.6  | 13.0  | 9.8   | -     | -     | -     | 8.0   | 0.5   | 0.3   |
| Singapore <sup>2)</sup> | 0.0   | 0.6   | 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   | 1.4   | 0.2   |
| Viet Nam                | 0.7   | 0.7   | 0.6   | 0.5   | 0.5   | 0.4   | 0.3   | 0.2   | 0.1   | 0.1   |
| <b>Tuberculosis</b>     |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam       | 59.5  | 56.0  | 61.3  | 58.5  | 60.2  | 52.6  | 48.6  | 51.4  | 58.0  | 56.5  |
| Cambodia                | 465.0 | 450.0 | 436.0 | 423.0 | 411.0 | 400.0 | 390.0 | 380.0 | 345.0 | 326.0 |
| Indonesia               | 424.0 | 419.0 | 415.0 | 410.0 | 407.0 | 403.0 | 399.0 | 395.0 | 391.0 | 319.0 |
| Lao PDR                 | 240.0 | 230.0 | 221.0 | 213.0 | 204.0 | 197.0 | 189.0 | 182.0 | 175.0 | 168.0 |
| Malaysia                | 73.0  | 72.0  | 76.0  | 80.0  | 86.0  | 91.0  | 92.0  | 88.0  | 92.0  | 93.0  |
| Myanmar                 | 392.0 | 388.0 | 384.0 | 381.0 | 376.0 | 373.0 | 369.0 | 365.0 | 361.0 | 358.0 |
| Philippines             | 524.0 | 528.0 | 531.0 | 535.0 | 539.0 | 543.0 | 546.0 | 550.0 | 554.0 | 554.0 |
| Singapore               | 40.3  | 39.4  | 39.9  | 41.0  | 41.5  | 37.6  | 36.9  | 36.1  | 41.2  | 39.0  |
| Thailand                | 196.0 | 188.0 | 181.0 | 176.0 | 170.0 | 170.0 | 167.0 | 163.0 | 160.0 | 156.0 |
| Viet Nam                | 164.0 | 159.0 | 155.0 | 151.0 | 147.0 | 144.0 | 140.0 | 137.0 | 133.0 | 129.0 |

**Sources:**

ASEAN Secretariat

World Health Statistic Report 2019 for Malaria in 2017 except for Brunei Darussalam, Singapore, and Vietnam

World Bank - World Development Indicators for Tuberculosis in Cambodia(2007-2015), for 2017 (except Brunei Darussalam, Cambodia, Singapore, and Thailand)

**Notes:**

1) per 1000 population for Malaria, per 100,000 population for Tuberculosis

2) per 100,000 population for Singapore

**Table 2.12. HIV Prevalence Rate Among 15-49 Year Old in ASEAN, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  |
| Cambodia          | 0.8  | 0.8  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.6  | 0.6  |
| Indonesia         | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  | 0.4  |
| Lao PDR           | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  |
| Malaysia          | 0.4  | 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  | 0.8  |
| Philippines       | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| Singapore         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  |
| Thailand          | 1.5  | 1.5  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 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  |

Sources:

ASEAN Secretariat

World Bank - World Development Indicators for 2018 except Brunei Darussalam, Cambodia, and Singapore

**Table 2.13. Proportion of Population with Access to Safe Drinking Water and Access to Improved Sanitation in ASEAN, 2009-2018**

(in percent)

| Country                              | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Access to Safe 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                             | 48.7  | 48.2  | 50.5  | 50.5  | 54.2  | -     | 59.2  | 61.1  | 64.8  |       |
| Indonesia                            | 47.7  | 44.2  | 42.8  | 42.8  | 41.1  | 68.1  | 71.0  | 71.1  | 72.0  | 73.7  |
| Lao PDR                              | -     | 82.0  | 70.0  | 70.0  | -     | -     | 61.4  | 88.9  | 77.5  | -     |
| Malaysia                             | 93.0  | 94.2  | 94.4  | 94.4  | -     | -     | 95.1  | 95.5  | 96.5  | -     |
| Myanmar                              | 83.0  | 83.0  | -     | -     | -     | -     | 80.0  | -     | 80.2  | -     |
| 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                             | 99.4  | 99.1  | 99.5  | 99.5  | 97.0  | -     | 97.0  | -     | 97.8  | -     |
| Viet Nam                             | -     | 89.3  | 96.0  | 91.0  | -     | 92.0  | 93.0  | 93.4  | 98.0  | -     |
| <b>Access to Improved Sanitation</b> |       |       |       |       |       |       |       |       |       |       |
| Brunei Darussalam                    | 80.0  | 80.0  | 80.0  | 80.0  | -     | -     | 86.7  | 86.7  | 92.0  | -     |
| Cambodia                             | 35.0  | 40.0  | 43.6  | 43.6  | 51.7  | -     | 61.8  | 72.9  | 76.0  | -     |
| Indonesia                            | 51.2  | 51.0  | 55.6  | 55.6  | 57.9  | 61.1  | 62.1  | 67.8  | 67.9  | 69.3  |
| Lao PDR                              | -     | 49.0  | 57.0  | 62.0  | -     | -     | 73.2  | 73.8  | 75.3  | -     |
| Malaysia                             | 98.0  | 98.4  | 98.0  | 99.3  | -     | -     | 99.5  | 99.7  | 96.0  | -     |
| Myanmar                              | 83.0  | 84.0  | 80.8  | 80.8  | 80.0  | -     | 80.0  | -     | 80.7  | -     |
| 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                             | 99.2  | 99.3  | 99.6  | 99.6  | 97.2  | -     | 100.0 | -     | 93.0  | -     |
| Viet Nam                             | -     | 75.7  | 75.0  | 77.4  | -     | 79.2  | 83.6  | 83.8  | 82.1  | -     |

Sources:  
 ASEAN Secretariat  
 ADB - Basic Statistics 2018 for 2017 data in Myanmar

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





CHAPTER 3

# **Employment**





**Table 3.1. Unemployment Rate of 15 Years Old and Over in ASEAN, 2009-2018**

(in percent)

| Country                 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam       | 8.8  | 9.1  | 9.3  | 9.6  | -    | 6.9  | -    | -    | 9.3  | 8.7  |
| Cambodia                | 0.1  | 0.3  | 0.2  | 0.2  | 0.3  | 0.2  | 1.0  | 0.2  | 0.1  | 1.1  |
| Indonesia               | 7.9  | 7.1  | 6.6  | 6.1  | 6.3  | 5.9  | 6.2  | 5.6  | 5.3  | 5.3  |
| Lao PDR                 | -    | 1.9  | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia                | 3.7  | 3.3  | 3.1  | 3.0  | 3.1  | 2.9  | 2.9  | 3.1  | 3.4  | 3.3  |
| Myanmar <sup>1)</sup>   | 4.0  | 4.0  | 4.0  | 4.0  | 4.0  | 4.0  | 0.8  | 0.0  | 2.1  | 1.0  |
| Philippines             | 7.5  | 7.4  | 7.0  | 7.0  | 7.1  | 6.6  | 6.3  | 5.4  | 5.7  | 5.4  |
| Singapore <sup>2)</sup> | 4.3  | 3.1  | 2.9  | 2.8  | 2.8  | 2.7  | 2.8  | 3.0  | 3.1  | 2.9  |
| Thailand <sup>3)</sup>  | 1.5  | 1.0  | 0.7  | 0.7  | 0.7  | 0.8  | 0.9  | 1.0  | 1.2  | 1.1  |
| Viet Nam <sup>4)</sup>  | 2.6  | 2.6  | 2.0  | 1.8  | 2.0  | 1.9  | 2.1  | 2.1  | 2.0  | 2.2  |

Source:  
ASEAN Secretariat

Notes:

- 1) Myanmar unemployment rate is 10 years and over  
 2) Singapore's resident unemployment (annual average)  
 3) Thailand unemployment rate using average period.  
 4) Unemployment rate at urban area of Viet Nam  
 "-" not available at the time of publication

**Table 3.2. Number of Unemployment in ASEAN, 2009-2018**

(in thousand)

| Country                 | 2009    | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Brunei Darussalam       | 16.9    | 17.9    | 18.8    | 19.8    | -       | 14.1    | -       | -       | 19.2    | 19.2    |
| Cambodia                | 11.0    | 27.5    | 16.0    | 12.0    | 8.0     | 15.0    | 8.0     | 16.0    | 12.9    | -       |
| Indonesia               | 8,962.6 | 8,319.8 | 7,700.1 | 7,245.0 | 7,388.7 | 7,244.9 | 7,560.8 | 7,031.8 | 7,040.3 | 7,000.7 |
| Lao PDR                 | -       | -       | -       | 3,886.6 | -       | -       | -       | -       | -       | -       |
| Malaysia                | 418.0   | 404.4   | 389.2   | 401.2   | 435.1   | 411.1   | 450.3   | 504.1   | 503.3   | 504.3   |
| Myanmar                 | -       | 1,240.0 | 1,260.0 | 1,280.0 | 1,290.0 | 954.0   | 168.0   | -       | 350.0   | 230.0   |
| Philippines             | 2,831.0 | 2,858.0 | 2,814.0 | 2,826.0 | 2,904.0 | 2,728.0 | 2,602.0 | 2,363.0 | 2,441.0 | 2,324.0 |
| Singapore <sup>1)</sup> | 86.9    | 64.8    | 60.6    | 60.0    | 59.8    | 61.2    | 62.5    | 67.4    | 70.9    | 66.9    |
| Thailand <sup>2)</sup>  | 572.3   | 402.2   | 264.3   | 259.1   | 283.5   | 322.7   | 340.6   | 377.5   | 450.7   | 404.3   |
| Viet Nam                | 1,287.0 | 1,344.0 | 1,045.0 | 926.0   | 1,037.8 | 1,003.5 | 1,144.0 | 1,143.0 | 1,120.4 | 1,104.8 |

Source:  
ASEAN Secretariat

Notes:

- 1) Singapore's residents only  
 2) Thailand unemployment rate using average period.  
 "-" not available at the time of publication

**Table 3.3. Unemployment Rate of 15 Years Old and Over in ASEAN by Gender, 2009-2018**

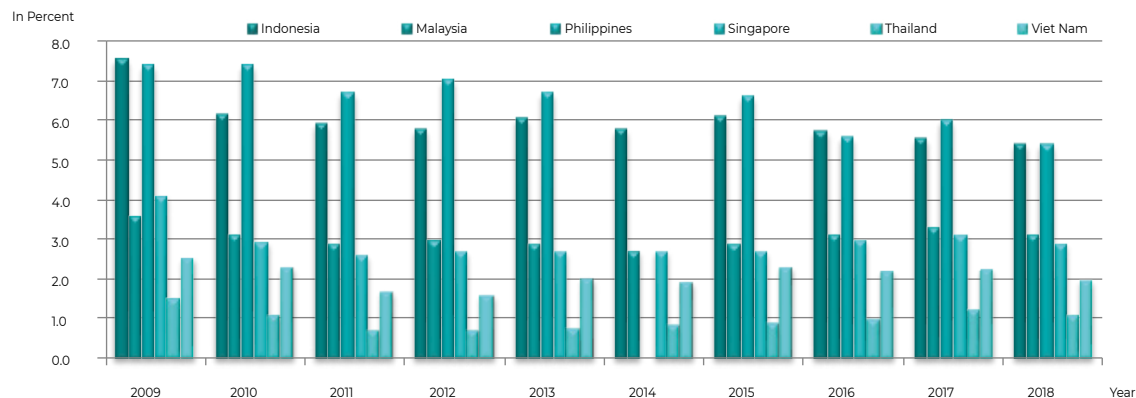
(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 7.5  | 7.6  | 7.5  | 7.6  | -    | 6.2  | -    | -    | 8.8  | 7.7  |
| Cambodia          | 0.2  | 0.4  | 0.3  | 0.1  | 0.3  | 1.0  | 1.0  | 0.2  | 0.1  | -    |
| Indonesia         | 7.5  | 6.2  | 5.9  | 5.8  | 6.0  | 5.8  | 6.1  | 5.7  | 5.5  | 5.4  |
| Lao PDR           | -    | 1.8  | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia          | 3.6  | 3.1  | 2.9  | 3.0  | 2.9  | 2.7  | 2.9  | 3.1  | 3.3  | 3.1  |
| Myanmar           | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.9  | 0.7  | -    | 1.2  | 0.9  |
| Philippines       | 7.4  | 7.4  | 6.7  | 7.0  | 6.7  | -    | 6.6  | 5.6  | 6.0  | 5.4  |
| Singapore         | 4.1  | 3.0  | 2.6  | 2.7  | 2.7  | 2.7  | 2.7  | 3.0  | 3.1  | 2.9  |
| Thailand          | 1.5  | 1.1  | 0.7  | 0.7  | 0.8  | 0.9  | 0.9  | 1.0  | 1.2  | 1.1  |
| Viet Nam          | 2.5  | 2.3  | 1.7  | 1.6  | 2.0  | 1.9  | 2.3  | 2.2  | 2.2  | 2.0  |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 10.7 | 11.3 | 11.7 | 12.4 | -    | 7.8  | -    | -    | 10.0 | 10.1 |
| Cambodia          | 0.1  | 0.3  | 0.1  | 0.2  | 0.3  | 1.0  | -    | 0.1  | 0.1  | -    |
| Indonesia         | 8.5  | 8.7  | 7.6  | 6.7  | 6.4  | 6.3  | 6.4  | 5.4  | 5.4  | 5.3  |
| Lao PDR           | -    | 2.0  | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia          | 3.8  | 3.6  | 3.3  | 3.2  | 3.4  | 3.2  | 3.4  | 3.9  | 3.5  | 3.6  |
| Myanmar           | 4.6  | 4.6  | 4.6  | 4.6  | 4.6  | 4.1  | 0.9  | -    | 2.0  | 1.2  |
| Philippines       | 6.7  | 6.7  | 6.1  | 6.7  | 5.9  | -    | 5.8  | 5.2  | 5.2  | 5.5  |
| Singapore         | 4.7  | 3.4  | 3.2  | 3.1  | 2.9  | 2.9  | 2.9  | 3.0  | 3.1  | 3.0  |
| Thailand          | 1.4  | 1.0  | 0.6  | 0.6  | 0.7  | 0.8  | 0.9  | 1.0  | 1.1  | 1.0  |
| Viet Nam          | 2.7  | 3.1  | 2.4  | 2.0  | 1.9  | 1.8  | 2.0  | 1.9  | 1.9  | 2.5  |

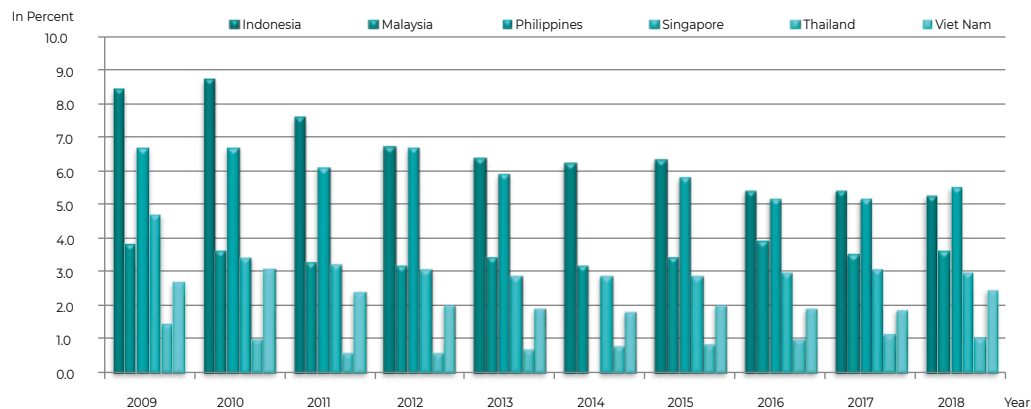
Source:  
ASEAN Secretariat

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

**Chart 3.1. Unemployment Rate of Males 15 Years Old and Over in ASEAN, 2009-2018**



**Chart 3.2. Unemployment Rate of Females 15 Years Old and Over in ASEAN, 2009-2018**



**Table 3.4. Unemployment Rate of 15-24 Years Old in ASEAN by Gender, 2009-2018**

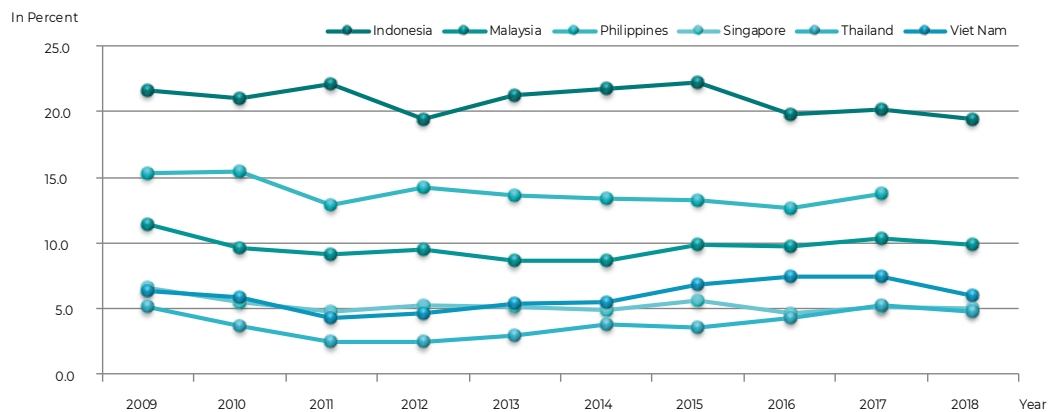
(in percent)

| Country                   | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>               |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam         | -    | -    | -    | -    | -    | 23.5 | -    | -    | 28.4 | 28.2 |
| Cambodia                  | 0.2  | 0.7  | 0.4  | 0.3  | 0.2  | 0.2  | 0.1  | -    | -    | -    |
| Indonesia                 | 21.6 | 21.1 | 22.2 | 19.5 | 21.2 | 21.7 | 22.3 | 19.8 | 20.1 | 19.4 |
| Lao PDR                   | -    | 3.4  | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia                  | 11.5 | 9.6  | 9.1  | 9.5  | 8.7  | 8.6  | 9.9  | 9.8  | 10.4 | 9.9  |
| Myanmar                   | -    | -    | -    | -    | -    | 9.1  | 1.4  | -    | 3.3  | 1.7  |
| Philippines <sup>1)</sup> | 15.3 | 15.5 | 12.9 | 14.2 | 13.6 | 12.9 | 12.4 | 12.7 | 13.7 | -    |
| Singapore                 | 6.6  | 5.5  | 4.8  | 5.3  | 5.2  | 4.9  | 5.6  | 4.6  | 5.2  | 5.0  |
| Thailand                  | 5.1  | 3.7  | 2.5  | 2.5  | 2.9  | 3.8  | 3.6  | 4.3  | 5.3  | 4.8  |
| Viet Nam                  | 6.3  | 5.9  | 4.3  | 4.6  | 5.4  | 5.5  | 6.8  | 7.4  | 7.5  | 6.0  |
| <b>Female</b>             |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam         | -    | -    | -    | -    | -    | 27.8 | -    | -    | 29.5 | 32.5 |
| Cambodia                  | 0.2  | 0.4  | 0.3  | 0.2  | 0.1  | 0.1  | 0.1  | -    | -    | -    |
| Indonesia                 | 23.0 | 22.0 | 23.8 | 19.8 | 22.1 | 22.9 | 23.1 | 19.0 | 20.9 | 20.1 |
| Lao PDR                   | -    | 3.6  | -    | -    | -    | -    | -    | -    | -    | -    |
| Malaysia                  | 12.5 | 11.1 | 10.7 | 10.7 | 11.5 | 10.9 | 11.8 | 11.4 | 11.4 | 12.5 |
| Myanmar                   | -    | -    | -    | -    | -    | 9.5  | 1.8  | -    | 4.8  | 2.1  |
| Philippines <sup>1)</sup> | 18.7 | 18.6 | 15.7 | 17.4 | 15.7 | 15.1 | 14.3 | 14.9 | 15.6 | -    |
| Singapore                 | 11.5 | 9.6  | 9.0  | 8.2  | 8.6  | 8.1  | 8.1  | 8.8  | 9.1  | 8.6  |
| Thailand                  | 6.3  | 4.2  | 3.0  | 3.1  | 4.0  | 5.0  | 4.9  | 5.8  | 6.8  | 6.1  |
| Viet Nam                  | 6.1  | 8.3  | 6.2  | 6.6  | 7.1  | 7.2  | 7.3  | 7.5  | 7.5  | 7.9  |

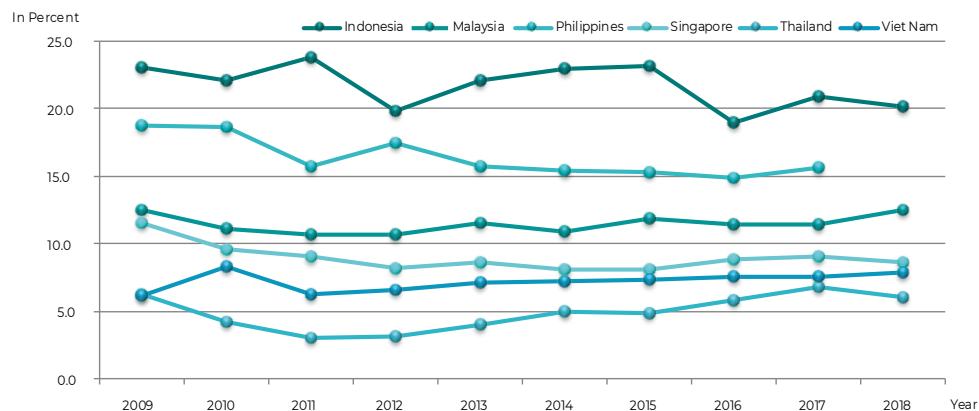
Source:  
ASEAN Secretariat

Note:  
1) Philippines data for 2017 both male and female are preliminary  
“-” not available at the time of publication

**Chart 3.3. Unemployment Rate of Males 15-24 Years Old in ASEAN, 2009-2018**



**Chart 3.4. Unemployment Rate of Females 15-24 Years Old in ASEAN, 2009-2018**



**Table 3.5. Labour Force Participation Rate in ASEAN, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 70.8 | 71.4 | 68.9 | 72.2 | -    | 65.6 | -    | -    | 62.7 | 65.4 |
| Cambodia          | 81.7 | 84.4 | 85.1 | 84.2 | 83.0 | 82.6 | 82.7 | 82.5 | 84.3 | -    |
| Indonesia         | 67.2 | 67.7 | 68.3 | 67.9 | 66.9 | 66.6 | 65.8 | 66.3 | 69.0 | 69.2 |
| Lao PDR           | -    | 77.7 | -    | -    | -    | -    | 68.0 | -    | -    | -    |
| Malaysia          | 62.9 | 63.7 | 64.5 | 65.6 | 67.3 | 67.6 | 67.9 | 67.7 | 68.0 | 68.5 |
| Myanmar           | 66.6 | 66.1 | 66.0 | 66.3 | 66.9 | 57.0 | 64.7 | -    | 61.2 | 62.0 |
| Philippines       | 64.0 | 64.2 | 66.3 | 63.9 | 63.9 | 64.6 | 63.7 | 63.5 | 61.2 | 60.1 |
| Singapore         | 65.4 | 66.2 | 66.1 | 66.6 | 66.7 | 67.0 | 68.3 | 68.0 | 67.7 | 67.7 |
| Thailand          | 73.5 | 73.0 | 73.3 | 73.0 | 71.6 | 70.3 | 69.8 | 68.8 | 68.1 | 68.3 |
| Viet Nam          | 76.5 | 77.4 | 77.0 | 76.8 | 77.5 | 77.7 | 77.8 | 77.3 | 76.3 | 76.8 |

Source:  
ASEAN Secretariat

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

**Table 3.6. Number of Labour Force in ASEAN, 2009-2018**

(in thousand)

| Country                 | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Brunei Darussalam       | 191.6     | 196.5     | 202.5     | 206.0     | -         | 203.7     | -         | -         | 206.1     | 221.0     |
| Cambodia                | 7,480.0   | 7,702.0   | 7,907.0   | 7,718.0   | 7,974.0   | 8,259.0   | 8,359.0   | 8,624.0   | 8,779.3   | -         |
| Indonesia               | 115,825.0 | 117,844.1 | 116,825.5 | 120,317.7 | 120,172.0 | 121,872.9 | 122,380.0 | 125,443.7 | 128,062.7 | 131,005.6 |
| Lao PDR                 | -         | -         | -         | -         | -         | -         | 3,489.1   | -         | -         | -         |
| Malaysia                | 11,315.3  | 12,303.9  | 12,740.7  | 13,221.7  | 13,980.5  | 14,263.6  | 14,518.0  | 14,667.8  | 14,980.0  | 15,280.3  |
| Myanmar                 | 30,490.0  | 30,960.0  | 31,390.0  | 31,820.0  | 32,140.0  | 22,110.0  | 21,960.0  | -         | 22,280.0  | 22,680.0  |
| Philippines             | 37,892.0  | 38,893.0  | 40,006.0  | 40,426.0  | 41,022.0  | 41,379.0  | 41,343.0  | 43,361.0  | 42,774.0  | 42,982.0  |
| Singapore <sup>1)</sup> | 1,985.7   | 2,047.3   | 2,080.1   | 2,119.6   | 2,138.8   | 2,185.2   | 2,232.3   | 2,257.6   | 2,269.7   | 2,292.7   |
| Thailand                | 38,426.8  | 38,643.5  | 38,921.5  | 39,407.8  | 38,661.1  | 38,576.2  | 38,548.2  | 38,266.6  | 38,099.8  | 38,433.6  |
| Viet Nam                | 49,322.0  | 50,393.0  | 51,398.0  | 52,348.0  | 53,246.0  | 53,748.0  | 53,984.0  | 54,445.3  | 54,823.8  | 55,354.2  |

Source:  
ASEAN Secretariat

Notes:  
1) Singapore's residents only  
"-." not available at the time of publication

**Table 3.7. Labour Force Participation Rate in ASEAN by Gender, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| <b>Male</b>       |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 79.5 | 80.1 | 77.3 | 80.5 | -    | 72.4 | -    | -    | 68.9 | 72.7 |
| Cambodia          | 86.8 | 88.3 | 89.0 | 89.1 | 88.7 | 87.9 | 88.5 | 89.4 | 88.8 | -    |
| Indonesia         | 83.6 | 83.8 | 83.9 | 84.2 | 83.4 | 83.1 | 82.7 | 82.0 | 83.0 | 83.0 |
| Lao PDR           | -    | 79.3 | -    | -    | -    | -    | 62.0 | -    | -    | -    |
| Malaysia          | 78.9 | 79.3 | 79.7 | 80.5 | 81.0 | 80.6 | 80.6 | 80.2 | 80.1 | 80.4 |
| Myanmar           | 83.0 | 82.4 | 82.4 | 82.7 | 83.5 | 85.2 | 80.2 | -    | 77.3 | 76.8 |
| Philippines       | 78.7 | 78.5 | 79.0 | 78.5 | 78.1 | 78.6 | 77.3 | 77.6 | 76.2 | 73.9 |
| Singapore         | 76.3 | 76.5 | 75.6 | 76.0 | 75.8 | 75.9 | 76.7 | 76.2 | 76.0 | 75.6 |
| Thailand          | 81.3 | 80.7 | 80.3 | 80.7 | 80.4 | 79.3 | 78.6 | 77.6 | 76.9 | 77.1 |
| Viet Nam          | 81.0 | 82.0 | 81.7 | 81.2 | 82.1 | 82.5 | 83.0 | 82.4 | 81.2 | 82.3 |
| <b>Female</b>     |      |      |      |      |      |      |      |      |      |      |
| Brunei Darussalam | 61.5 | 62.0 | 59.9 | 63.2 | -    | 58.3 | -    | -    | 56.5 | 57.3 |
| Cambodia          | 77.0 | 80.8 | 81.6 | 79.7 | 77.8 | 77.5 | 72.2 | 78.9 | 80.1 | -    |
| Indonesia         | 51.0 | 51.8 | 49.8 | 51.4 | 50.3 | 50.2 | 48.9 | 50.8 | 55.0 | 55.4 |
| Lao PDR           | -    | 76.2 | -    | -    | -    | -    | 69.0 | -    | -    | -    |
| Malaysia          | 46.4 | 46.8 | 48.0 | 49.5 | 52.6 | 53.7 | 54.1 | 54.3 | 54.7 | 55.2 |
| Myanmar           | 50.4 | 50.0 | 50.0 | 5.2  | 50.7 | 50.5 | 51.6 | -    | 47.7 | 49.6 |
| Philippines       | 49.4 | 49.7 | 50.4 | 50.0 | 49.9 | 50.7 | 50.1 | 49.3 | 46.2 | 46.2 |
| Singapore         | 55.2 | 56.5 | 57.0 | 57.7 | 58.1 | 58.6 | 60.4 | 60.4 | 59.8 | 60.2 |
| Thailand          | 64.7 | 64.3 | 64.3 | 64.3 | 63.2 | 62.0 | 61.6 | 60.6 | 59.8 | 60.1 |
| Viet Nam          | 72.3 | 73.0 | 72.6 | 72.5 | 73.2 | 73.3 | 72.9 | 72.5 | 71.6 | 71.6 |

Source:  
ASEAN Secretariat

Note:  
“-” 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       | 2014 | 1.0                             | 7.0           | 14.0         | 33.0   | 10.0                                   | 17.0  | 83.0            | 25.0   | 190.0     |
|                         | 2017 | 2.5                             | 7.2           | 10.4         | 39.7   | 9.9                                    | 20.2  | 73.6            | 23.3   | 186.9     |
|                         | 2018 | 2.1                             | 8.1           | 20.6         | 42.4   | 10.0                                   | 17.5  | 77.5            | 23.4   | 201.7     |
| Cambodia                | 2010 | 4,716.4                         | 624.8         | 202.4        | 964.9  | 219.0                                  | 22.5  | 215.2           | -  | 6,965.0   |
|                         | 2011 | 4,796.3                         | 757.2         | 217.5        | 930.6  | 237.8                                  | 30.4  | 213.1           | -  | 7,183.0   |
|                         | 2012 | 3,929.5                         | 940.6         | 356.1        | 1,219.0  | 321.2                                  | 29.1  | 232.9           | -  | 7,028.4   |
| Indonesia               | 2016 | 37,770.2                        | 15,540.2      | 7,978.6      | 26,689.6   | 5,608.7                                | 3,531.5   | 19,459.4        | 1,833.7  | 118,412.0 |
|                         | 2017 | 35,923.9                        | 17,008.9      | 8,136.6      | 28,173.6   | 5,759.7                                | 3,752.3   | 20,482.0        | 1,785.6  | 121,022.4 |
|                         | 2018 | 35,701.0                        | 18,253.5      | 8,295.9      | 30,740.8   | 6,287.1                                | 3,856.6   | 12,598.9        | 8,271.1  | 124,005.0 |
| Lao PDR                 | 2010 | 2,155.1                         | 153.0         | 71.1         | 267.4  | 32.0                                   | 7.2   | 132.7           | 202.7  | 3,021.2   |
|                         | 2015 | 2,500.8                         | 123.1         | 103.1        | 183.5  | 28.3                                   | 12.0  | 220.5           | 317.9  | 3,489.1   |
| Malaysia                | 2016 | 1,609.9                         | 2,390.6       | 1,251.7      | 3,689.2  | 839.1                                  | 1,448.1   | 2,328.1         | 606.1  | 14,162.8  |
|                         | 2017 | 1,635.0                         | 2,513.3       | 1,258.9      | 3,808.6  | 878.5                                  | 1,478.8   | 2,294.8         | 607.4  | 14,475.3  |
|                         | 2018 | 1,570.3                         | 2,499.9       | 1,257.8      | 4,018.0  | 914.3                                  | 1,551.1   | 2,345.7         | 616.9  | 14,774.0  |
| Myanmar                 | 2015 | 11,265.9                        | 2,375.2       | 1,024.2      | 3,116.1  | 958.8                                  | 0.0   | 501.2           | 2,549.5  | 21,791.0  |
|                         | 2017 | 11,105.8                        | 2,296.5       | 931.1        | 3,437.7  | 1,016.8                                | 93.4  | 1,021.5         | -  | 19,902.8  |
|                         | 2018 | 10,686.2                        | 2,379.7       | 1,369.5      | 3,659.4  | 1,122.5                                | 67.4  | 1,414.4         | -  | 20,698.9  |
| Philippines             | 2016 | 11,064.0                        | 3,404.0       | 3,378.0      | 8,039.0  | 3,404.0                                | 707.0   | -               | 219.0  | 30,215.0  |
|                         | 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  |
| Singapore <sup>1)</sup> | 2016 | -                               | 227.5         | 100.9        | 502.3  | 273.0                                  | 525.4   | 516.1           | 20.2   | 2,165.4   |
|                         | 2017 | -                               | 223.6         | 100.6        | 490.6  | 284.6                                  | 535.2   | 519.1           | 21.7   | 2,175.4   |
|                         | 2018 | -                               | 228.2         | 104.0        | 486.8  | 291.2                                  | 544.3   | 527.6           | 21.6   | 2,203.7   |
| Thailand                | 2016 | 11,746.6                        | 6,288.5       | 2,352.1      | 9,060.9  | 1,429.8                                | 1,086.3   | 579.4           | 6,347.5  | 38,891.2  |
|                         | 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  |
| Viet Nam                | 2016 | 22,315.2                        | 8,866.6       | 3,800.1      | 9,218.1  | 1,957.0                                | 1,091.8   | 5,325.1         | 728.9  | 53,302.8  |
|                         | 2017 | 21,564.8                        | 9,316.0       | 4,027.7      | 9,393.9  | 2,090.4                                | 1,171.8   | 4,580.9         | 1,557.9  | 53,703.4  |
|                         | 2018 | 20,465.1                        | 9,717.4       | 4,273.3      | 10,076.1   | 2,095.3                                | 1,320.6   | 4,676.5         | 1,625.1  | 54,249.4  |

Sources:  
 ASEAN Member States (AMSS) data submission  
 Official website of National Statistical Offices

Notes:

1) Employment as of June in respected year; covering Singapore residents only  
 \*.- not available at the time of publication

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

(in percent)

| Country                 | Year | Agriculture,<br>Fishery &<br>Forestry | Manufacturing | Construction | Wholesales &<br>Retail Trade,<br>Restaurants, &<br>Hotels | Transportation,<br>Storage,<br>Communication | Finance,<br>Insurance,<br>Real Estate<br>and Business<br>Services | Public Services | Others (Mining<br>& Quarrying,<br>Electricity,<br>Gas & Water,<br>Unknown) | Total |
|-------------------------|------|---------------------------------------|---------------|--------------|---|--|---|-----------------|--|-------|
| Brunei Darussalam       | 2014 | 0.5                                   | 3.7           | 7.4          | 17.4  | 5.3  | 8.9   | 43.7            | 13.2   | 100.0 |
|                         | 2017 | 1.4                                   | 3.8           | 5.5          | 21.3  | 5.3  | 10.8  | 39.4            | 12.5   | 100.0 |
|                         | 2018 | 1.1                                   | 4.0           | 10.2         | 21.0  | 5.0  | 8.7   | 38.4            | 11.6   | 100.0 |
| Cambodia                | 2010 | 67.7                                  | 9.0           | 2.9          | 13.9  | 3.1  | 0.3   | 3.1             | -  | 100.0 |
|                         | 2011 | 66.8                                  | 10.5          | 3.0          | 13.0  | 3.3  | 0.4   | 3.0             | -  | 100.0 |
|                         | 2012 | 55.9                                  | 13.4          | 5.1          | 17.3  | 4.6  | 0.4   | 3.3             | -  | 100.0 |
| Indonesia               | 2016 | 31.9                                  | 13.1          | 6.7          | 22.5  | 4.7  | 3.0   | 16.4            | 1.5  | 100.0 |
|                         | 2017 | 29.7                                  | 14.1          | 6.7          | 23.3  | 4.8  | 3.1   | 16.9            | 1.5  | 100.0 |
|                         | 2018 | 28.8                                  | 14.7          | 6.7          | 24.8  | 5.1  | 3.1   | -               | -  | 100.0 |
| Lao PDR                 | 2010 | 71.3                                  | 5.1           | 2.4          | 8.9   | 1.1  | 0.2   | 4.4             | 6.7  | 100.0 |
|                         | 2015 | 71.7                                  | 3.5           | 3.0          | 5.3   | 0.8  | 0.3   | 6.3             | 9.1  | 100.0 |
| Malaysia                | 2016 | 11.4                                  | 16.9          | 8.8          | 26.0  | 5.9  | 10.2  | 16.4            | 4.3  | 100.0 |
|                         | 2017 | 11.3                                  | 17.4          | 8.7          | 26.3  | 6.1  | 10.2  | 15.9            | 4.2  | 100.0 |
|                         | 2018 | 10.6                                  | 16.9          | 8.5          | 27.2  | 6.2  | 10.5  | 15.9            | 4.2  | 100.0 |
| Myanmar                 | 2015 | 51.7                                  | 10.9          | 4.7          | 14.3  | 4.4  | 0.0   | 2.3             | 11.7   | 100.0 |
|                         | 2017 | 55.8                                  | 11.5          | 4.7          | 17.3  | 5.1  | 0.5   | 5.1             | -  | 100.0 |
|                         | 2018 | 51.6                                  | 11.5          | 6.6          | 17.7  | 5.4  | 0.3   | 6.8             | -  | 100.0 |
| Philippines             | 2016 | 36.6                                  | 11.3          | 11.2         | 26.6  | 11.3   | 2.3   | -               | 0.7  | 100.0 |
|                         | 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 |
| Singapore <sup>1)</sup> | 2016 | -                                     | 10.5          | 4.7          | 23.2  | 12.6   | 24.3  | 23.8            | 0.9  | 100.0 |
|                         | 2017 | -                                     | 10.3          | 4.6          | 22.6  | 13.1   | 24.6  | 23.9            | 1.0  | 100.0 |
|                         | 2018 | -                                     | 10.4          | 4.7          | 22.1  | 13.2   | 24.7  | 23.9            | 1.0  | 100.0 |
| Thailand                | 2016 | 30.2                                  | 16.2          | 6.0          | 23.3  | 3.7  | 2.8   | 1.5             | 16.3   | 100.0 |
|                         | 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 |
| Viet Nam                | 2016 | 41.9                                  | 16.6          | 7.1          | 17.3  | 3.7  | 2.0   | 10.0            | 1.4  | 100.0 |
|                         | 2017 | 40.2                                  | 17.3          | 7.5          | 17.5  | 3.9  | 2.2   | 8.5             | 2.9  | 100.0 |
|                         | 2018 | 41.9                                  | 16.6          | 7.1          | 17.3  | 3.7  | 2.0   | 10.0            | 1.4  | 100.0 |

Sources:  
ASEAN Member States (AMSs) data submission  
Official website of National Statistical Offices

Notes:  
1) Employment as of June in respected year; covering Singapore residents only  
“-” not available at the time of publication

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

(in thousand)

| Occupation   | Brunei Darussalam<br>(2018) | Cambodia<br>(2016) | Indonesia<br>(2018) | Malaysia<br>(2018) | Myanmar<br>(2015) | Philippines<br>(2018) <sup>2)</sup> | Singapore<br>(2018) <sup>1)</sup> | Thailand<br>(2018) | Viet Nam<br>(2018) |
|--|-----------------------------|--------------------|---------------------|--------------------|-------------------|-------------------------------------|-----------------------------------|--------------------|--------------------|
| 1. Professionals, technical and related workers                                | 60.7                        | 377.0              | 8,886.7             | 3,361.0            | 1,046.0           | 4,030.0                             | 931.2                             | 2,104.8            | 5,700.2            |
| 2. Administrative, executive and managerial workers                            | 10.8                        | 73.0               | 1,564.0             | 660.5              | 152.5             | 6,429.0                             | 322.8                             | 1,393.8            | 624.1              |
| 3. Clerical and related workers  | 21.6                        | 401.0              | 7,416.5             | 1,247.7            | 326.9             | 2,332.0                             | 237.7                             | 1,595.9            | 1,078.9            |
| 4. Sales workers and services workers  | 48.2                        | 1,616.0            | 31,200.4            | 3,422.8            | 3,486.6           | 6,115.0                             | 266.1                             | 7,656.2            | 9,605.4            |
| 5. Agricultural, animal husbandry and forestry workers; fishermen and hunters  | 1.8                         | 4,639.0            | 34,796.6            | 921.9              | 9,304.8           | 4,818.0                             | -                                 | 11,088.7           | 5,151.9            |
| 6. Production and related workers, transport equipment operators and labourers | 25.0                        | 1,427.0            | 37,946.1            | 3,333.4            | 3,573.7           | 5,986.0                             | 219.7                             | 7,952.9            | 12,673.1           |
| 7. Others  | 33.6                        | 74.0               | 2,194.6             | 1,828.7            | 3,900.6           | 10,883.0                            | 226.2                             | 6,072.2            | 19,415.8           |
| <b>Total</b>   | <b>201.7</b>                | <b>8,607.0</b>     | <b>124,005.0</b>    | <b>14,776.0</b>    | <b>21,791.0</b>   | <b>40,593.0</b>                     | <b>2,203.7</b>                    | <b>37,864.5</b>    | <b>54,249.4</b>    |

Source:  
ASEAN Secretariat

Notes:  
1) Employed Resident of Singapore  
2) Preliminary data  
- " not available at the time of publication

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

(in percent)

| Occupation   | Brunei Darussalam<br>(2017) | Cambodia<br>(2016) | Indonesia<br>(2018) | Malaysia<br>(2018) | Myanmar<br>(2015) | Philippines<br>(2018) <sup>2)</sup> | Singapore<br>(2018) <sup>1)</sup> | Thailand<br>(2018) | Viet Nam<br>(2018) |
|--|-----------------------------|--------------------|---------------------|--------------------|-------------------|-------------------------------------|-----------------------------------|--------------------|--------------------|
| 1. Professionals, technical and related workers                                | 30.1                        | 4.4                | 7.2                 | 22.7               | 4.8               | 9.9                                 | 42.3                              | 5.6                | 10.5               |
| 2. Administrative, executive and managerial workers                            | 5.4                         | 0.8                | 1.3                 | 4.5                | 0.7               | 15.8                                | 14.6                              | 3.7                | 1.2                |
| 3. Clerical and related workers  | 10.7                        | 4.7                | 6.0                 | 8.4                | 1.5               | 5.7                                 | 10.8                              | 4.2                | 2.0                |
| 4. Sales workers and services workers  | 23.9                        | 18.8               | 25.2                | 23.2               | 16.0              | 15.1                                | 12.1                              | 20.2               | 17.7               |
| 5. Agricultural, animal husbandry and forestry workers; fishermen and hunters  | 0.9                         | 53.9               | 28.1                | 6.2                | 42.7              | 11.9                                | -                                 | 29.3               | 9.5                |
| 6. Production and related workers, transport equipment operators and labourers | 12.4                        | 16.6               | 30.6                | 22.6               | 16.4              | 14.7                                | 10.0                              | 21.0               | 23.4               |
| 7. Others  | 16.7                        | 0.9                | 1.8                 | 12.4               | 17.9              | 26.8                                | 10.3                              | 16.0               | 35.8               |
| <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>       |

Source:  
ASEAN Secretariat

Notes:  
1) Employed Resident of Singapore  
2) Preliminary data  
- " not available at the time of publication





CHAPTER 4

# **Macroeconomic**



**Table 4.1. GDP at Current Prices in National Currency in ASEAN, 2009-2018**

(in Billions)

| Country           |             |             |             |             |             |              |              |              |              |              |
|-------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
|                   | 2009        | 2010        | 2011        | 2012        | 2013        | 2014         | 2015         | 2016         | 2017         | 2018         |
| Brunei Darussalam | 15.6        | 18.7        | 23.3        | 23.8        | 22.6        | 21.7         | 17.8         | 15.8         | 16.7         | 18.3         |
| Cambodia          | 43,057.0    | 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     |
| Indonesia         | 5,606,203.4 | 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 | 13,587,212.6 | 14,837,357.5 |
| Lao PDR           | 47,562.3    | 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    |
| Malaysia          | 712.9       | 821.4       | 911.7       | 971.3       | 1,018.6     | 1,106.4      | 1,176.9      | 1,249.7      | 1,371.6      | 1,446.9      |
| Myanmar           | 29,233.3    | 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    |
| Philippines       | 8,026.1     | 9,003.5     | 9,708.3     | 10,561.1    | 11,538.4    | 12,634.2     | 13,322.0     | 14,480.3     | 15,807.6     | 17,426.2     |
| Singapore         | 279.9       | 327.0       | 351.4       | 368.8       | 384.9       | 398.9        | 423.4        | 439.4        | 467.3        | 491.2        |
| Thailand          | 9,658.7     | 10,808.1    | 11,306.9    | 12,357.3    | 12,915.2    | 13,230.3     | 13,743.5     | 14,554.6     | 15,452.0     | 16,318.0     |
| Viet Nam          | 1,809,148.9 | 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  |

Source:  
ASEAN Secretariat

**Table 4.2. GDP at Constant Prices in National Currency in ASEAN, 2009-2018**

(in Billions)

| Country           |             |             |             |             |             |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                   | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        |
| Brunei Darussalam | 11.5        | 18.7        | 19.4        | 19.6        | 19.2        | 18.7        | 18.6        | 18.1        | 18.4        | 18.4        |
| Cambodia          | 28,692.0    | 30,403.3    | 32,552.7    | 34,916.5    | 37,528.2    | 40,182.0    | 43,009.3    | 45,969.4    | 49,262.5    | 52,956.2    |
| Indonesia         | 2,178,850.4 | 2,314,458.8 | 2,464,566.1 | 2,618,932.0 | 2,815,497.8 | 3,056,866.6 | 3,298,517.1 | 3,543,613.4 | 3,812,703.6 | 4,042,531.6 |
| Lao PDR           | 29,132.2    | 31,500.9    | 34,033.7    | 41,610.0    | 48,160.0    | 54,871.0    | 61,768.0    | 68,915.0    | 76,376.8    | 83,695.6    |
| Malaysia          | 629.9       | 821.4       | 864.9       | 912.3       | 955.1       | 1,012.4     | 1,176.9     | 1,229.3     | 1,299.9     | 1,361.5     |
| Myanmar           | 18,964.9    | 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    |
| Philippines       | 5,297.2     | 5,701.5     | 5,910.2     | 6,305.2     | 6,750.6     | 7,165.5     | 7,600.2     | 8,123.4     | 8,665.8     | 9,206.9     |
| Singapore         | 279.7       | 322.4       | 342.4       | 355.7       | 373.5       | 386.8       | 423.3       | 435.9       | 452.1       | 466.3       |
| Thailand          | 7,657.1     | 8,254.5     | 8,330.8     | 8,954.3     | 9,215.8     | 9,321.6     | 9,663.1     | 10,010.1    | 10,426.8    | 10,874.8    |
| Viet Nam          | 2,027,590.9 | 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 |

Source:  
ASEAN Secretariat

**Table 4.3. Rate of Economic Growth<sup>1)</sup> in ASEAN, 2009-2018**

(in percent)

| Country                   | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       | 2010-2018  |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Brunei Darussalam         | -1.8       | 2.6        | 3.7        | 0.9        | -2.1       | -2.5       | -0.4       | -2.5       | 1.3        | 0.1        | -0.2       |
| Cambodia                  | 0.1        | 6.0        | 7.1        | 7.3        | 7.5        | 7.1        | 7.0        | 6.9        | 7.2        | 7.5        | 7.2        |
| Indonesia                 | 4.6        | 6.2        | 6.5        | 6.3        | 5.6        | 5.0        | 4.9        | 5.0        | 5.1        | 5.2        | 5.4        |
| Lao PDR                   | 7.5        | 8.1        | 8.0        | 7.9        | 8.0        | 7.6        | 7.3        | 7.0        | 6.9        | 6.3        | 7.4        |
| Malaysia                  | -1.5       | 7.4        | 5.3        | 5.5        | 4.7        | 6.0        | 5.0        | 4.4        | 5.7        | 4.7        | 6.5        |
| Myanmar                   | 10.5       | 9.6        | 5.6        | 7.3        | 8.4        | 8.0        | 7.0        | 5.9        | 6.8        | 6.8        | 7.0        |
| Philippines               | 1.1        | 7.6        | 3.7        | 6.7        | 7.1        | 6.1        | 6.1        | 6.9        | 6.7        | 6.2        | 6.2        |
| Singapore                 | -0.6       | 15.2       | 6.4        | 4.1        | 5.1        | 3.9        | 2.2        | 3.0        | 3.7        | 3.2        | 4.7        |
| Thailand                  | -0.7       | 7.8        | 0.9        | 7.5        | 2.9        | 1.1        | 3.7        | 3.6        | 4.2        | 4.3        | 3.5        |
| Viet Nam                  | 5.4        | 6.4        | 6.2        | 5.2        | 5.4        | 6.0        | 6.7        | 6.2        | 6.8        | 7.1        | 6.2        |
| <b>ASEAN<sup>2)</sup></b> | <b>2.5</b> | <b>7.6</b> | <b>5.1</b> | <b>6.2</b> | <b>5.2</b> | <b>4.7</b> | <b>4.9</b> | <b>4.9</b> | <b>5.3</b> | <b>5.2</b> | <b>5.4</b> |

Source:  
ASEAN Secretariat

Notes:

- 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 2019



**Table 4.4. GDP at Current Prices in USD<sup>1)</sup> in ASEAN, 2009-2018**

(in US\$ Million)

| Country                   | 2008               | 2009               | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam         | 14,450.6           | 10,815.4           | 13,741.1           | 18,534.2           | 19,049.6           | 18,100.5           | 17,102.6           | 12,943.2           | 11,447.6           | 12,136.0           | 13,567.6           |
| Cambodia                  | 11,073.4           | 10,353.7           | 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           |
| Indonesia                 | 512,753.0          | 545,854.5          | 710,068.3          | 846,522.6          | 874,638.9          | 904,691.9          | 889,384.6          | 855,020.1          | 930,836.5          | 1,013,808.3        | 1,039,864.4        |
| Lao PDR                   | 5,290.9            | 5,594.9            | 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           |
| Malaysia                  | 231,382.0          | 202,627.4          | 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          |
| Myanmar <sup>2)</sup>     | 24,408.5           | 26,961.5           | 41,003.6           | 56,502.0           | 60,281.7           | 61,862.6           | 66,331.1           | 59,795.3           | 64,632.3           | 66,671.0           | 77,263.6           |
| Philippines               | 173,427.3          | 168,643.9          | 199,975.9          | 224,155.5          | 250,457.9          | 268,800.1          | 284,913.5          | 292,508.1          | 304,619.7          | 313,898.0          | 329,061.8          |
| Singapore                 | 192,239.5          | 192,408.4          | 239,809.4          | 279,328.6          | 295,083.8          | 307,578.0          | 314,849.5          | 308,001.9          | 318,070.3          | 338,455.5          | 364,075.7          |
| Thailand                  | 291,802.7          | 282,052.2          | 341,518.9          | 370,932.8          | 397,764.0          | 420,616.2          | 407,303.5          | 401,658.3          | 412,373.7          | 455,777.6          | 505,107.1          |
| Viet Nam                  | 99,125.8           | 106,018.3          | 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          |
| <b>ASEAN<sup>3)</sup></b> | <b>1,555,953.5</b> | <b>1,551,330.0</b> | <b>1,931,171.4</b> | <b>2,250,523.1</b> | <b>2,392,194.3</b> | <b>2,502,425.9</b> | <b>2,533,602.0</b> | <b>2,455,550.2</b> | <b>2,581,420.0</b> | <b>2,785,116.9</b> | <b>2,971,095.2</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, 2009-2018**

(in US\$)

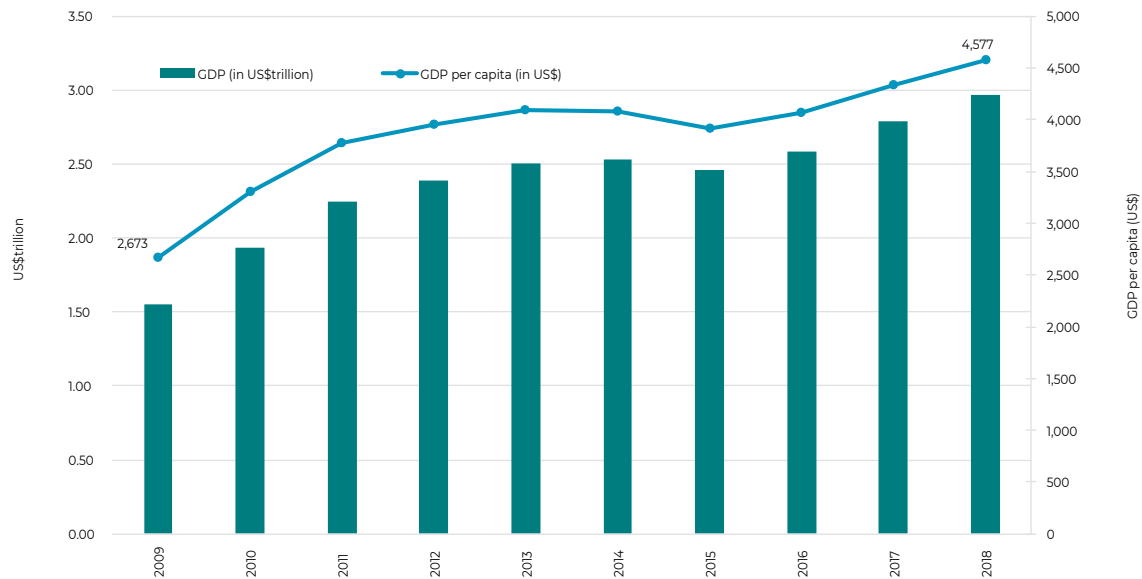
| Country                   | 2008           | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Brunei Darussalam         | 38,534.8       | 28,454.0       | 35,525.2       | 47,116.2       | 47,647.8       | 44,560.5       | 41,521.3       | 31,385.0       | 27,435.5       | 28,256.0       | 30,668.3       |
| Cambodia                  | 802.7          | 735.1          | 785.1          | 881.7          | 950.4          | 1,052.2        | 1,122.6        | 1,190.9        | 1,257.1        | 1,402.4        | 1,539.8        |
| Indonesia                 | 2,243.8        | 2,359.2        | 3,032.1        | 3,498.2        | 3,563.8        | 3,636.0        | 3,527.0        | 3,347.0        | 3,598.1        | 3,871.1        | 3,923.8        |
| Lao PDR                   | 881.8          | 913.0          | 1,079.3        | 1,262.4        | 1,564.6        | 1,799.4        | 1,949.5        | 2,221.2        | 2,400.4        | 2,510.5        | 2,627.5        |
| Malaysia                  | 8,393.3        | 7,215.7        | 8,771.8        | 10,258.8       | 10,670.8       | 10,662.7       | 10,989.0       | 9,603.1        | 9,441.9        | 10,041.0       | 11,067.2       |
| Myanmar <sup>2)</sup>     | 491.0          | 538.0          | 811.4          | 1,126.7        | 1,189.8        | 1,208.6        | 1,275.8        | 1,140.0        | 1,221.4        | 1,248.8        | 1,440.8        |
| Philippines               | 1,917.2        | 1,828.6        | 2,147.2        | 2,363.9        | 2,595.1        | 2,737.4        | 2,852.5        | 2,880.1        | 2,950.5        | 2,991.7        | 3,086.9        |
| Singapore                 | 39,723.8       | 38,577.3       | 47,237.3       | 53,886.0       | 55,546.2       | 56,967.3       | 57,562.5       | 55,646.2       | 56,724.3       | 60,306.0       | 64,567.3       |
| Thailand                  | 4,389.2        | 4,215.8        | 5,180.7        | 5,602.0        | 5,982.2        | 6,300.9        | 6,078.9        | 5,973.9        | 6,113.3        | 6,737.0        | 7,446.5        |
| Viet Nam                  | 1,164.6        | 1,232.4        | 1,337.6        | 1,542.7        | 1,754.5        | 1,907.5        | 2,052.5        | 2,111.3        | 2,216.3        | 2,389.6        | 2,546.2        |
| <b>ASEAN<sup>3)</sup></b> | <b>2,716.1</b> | <b>2,673.3</b> | <b>3,299.3</b> | <b>3,772.4</b> | <b>3,958.1</b> | <b>4,088.6</b> | <b>4,085.8</b> | <b>3,914.9</b> | <b>4,066.8</b> | <b>4,337.8</b> | <b>4,577.5</b> |

Source:  
ASEAN Secretariat

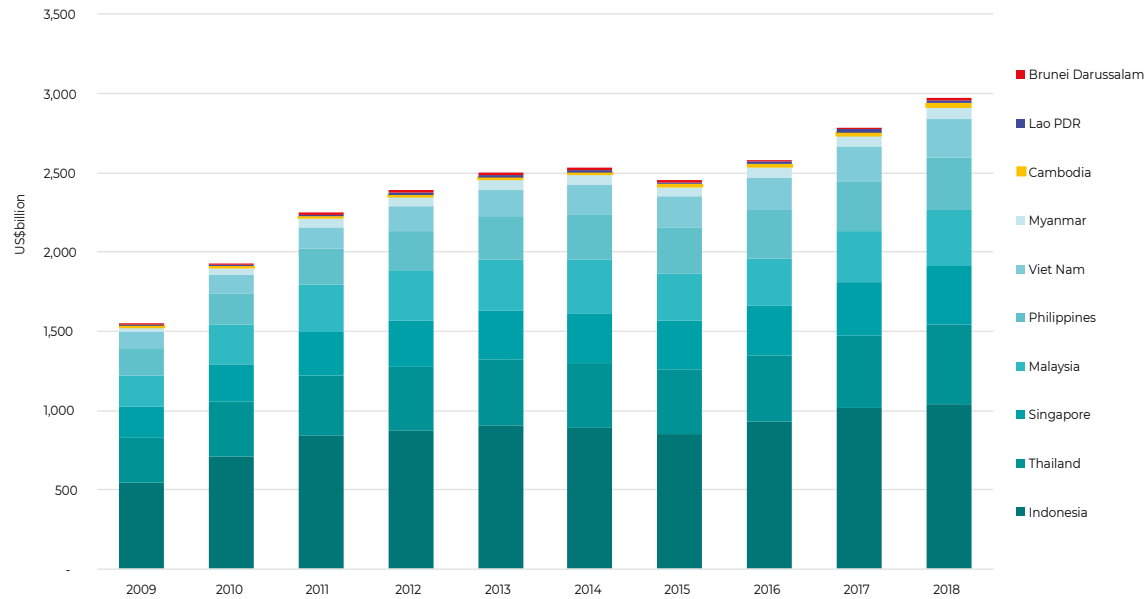
Notes:

- 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 (US\$ trillion) and GDP per capita (US\$), 2009-2018**



**Chart 4.2. Total GDP (US\$ billion) by ASEAN Member States, 2009-2018**



**Table 4.6. ASEAN GDP Share of Major Group of Economic Sectors<sup>1)</sup>, 2015-2018**

(in percent)

| Country           | 2015        |          |          |       | 2016        |          |          |       | 2017        |          |          |       | 2018        |          |          |       |
|-------------------|-------------|----------|----------|-------|-------------|----------|----------|-------|-------------|----------|----------|-------|-------------|----------|----------|-------|
|                   | Agriculture | Industry | Services | A+I+S | Agriculture | Industry | Services | A+I+S | Agriculture | Industry | Services | A+I+S | Agriculture | Industry | Services | A+I+S |
| Brunei Darussalam | 0.9         | 63.4     | 37.6     | 101.9 | 0.8         | 63.1     | 38.0     | 101.9 | 0.8         | 63.2     | 37.9     | 101.9 | 0.8         | 62.9     | 38.0     | 101.8 |
| Cambodia          | 22.2        | 32.1     | 39.6     | 93.9  | 20.1        | 33.1     | 39.6     | 92.8  | 20.6        | 33.0     | 39.2     | 92.7  | 16.3        | 32.1     | 43.1     | 91.6  |
| Indonesia         | 13.0        | 41.0     | 42.8     | 96.8  | 12.8        | 40.5     | 43.1     | 96.4  | 12.7        | 40.2     | 43.3     | 96.1  | 12.5        | 39.8     | 43.6     | 96.0  |
| Lao PDR           | 16.5        | 32.2     | 41.3     | 89.9  | 16.5        | 32.2     | 41.3     | 89.9  | 15.3        | 35.2     | 39.4     | 89.8  | 14.5        | 35.7     | 39.6     | 89.8  |
| Malaysia          | 8.3         | 38.4     | 52.0     | 98.8  | 7.6         | 38.4     | 52.6     | 98.7  | 7.6         | 38.0     | 52.9     | 98.6  | 7.3         | 37.5     | 54.0     | 98.8  |
| Myanmar           | 28.9        | 30.0     | 41.1     | 100.0 | 27.1        | 30.9     | 41.9     | 100.0 | 25.8        | 31.7     | 42.6     | 100.0 | 24.6        | 32.1     | 43.2     | 99.9  |
| Philippines       | 9.5         | 33.5     | 57.0     | 100.0 | 8.8         | 33.9     | 57.4     | 100.0 | 8.5         | 34.0     | 57.5     | 100.0 | 8.1         | 34.1     | 57.8     | 100.0 |
| Singapore         | 0.0         | 24.3     | 65.7     | 90.0  | 0.0         | 24.2     | 65.1     | 89.4  | 0.0         | 24.7     | 64.6     | 89.2  | 0.0         | 25.1     | 64.4     | 89.5  |
| Thailand          | 6.4         | 36.4     | 56.8     | 99.6  | 6.1         | 36.1     | 57.4     | 99.5  | 6.1         | 35.3     | 58.3     | 99.6  | 6.1         | 34.7     | 58.7     | 99.5  |
| Viet Nam          | 15.3        | 32.5     | 36.4     | 84.2  | 15.3        | 34.6     | 38.6     | 88.5  | 14.8        | 35.0     | 38.8     | 88.6  | 14.3        | 35.6     | 38.8     | 88.7  |

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, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 1.2  | -2.1 | 1.8  | 0.4  | 0.2  | -0.2 | -1.0 | -1.6 | -0.1 | 0.1  |
| Cambodia          | 5.3  | 3.1  | 4.9  | 2.5  | 4.6  | 2.4  | 2.8  | 3.9  | 2.3  | 1.6  |
| Indonesia         | 2.8  | 7.0  | 3.8  | 4.3  | 8.4  | 2.7  | 3.4  | 3.0  | 3.6  | 3.1  |
| Lao PDR           | 3.9  | 5.8  | 7.7  | 4.7  | 6.6  | 2.4  | 0.9  | 2.5  | 0.1  | 1.5  |
| Malaysia          | 1.1  | 2.2  | 3.0  | 1.2  | 3.2  | 2.7  | 2.7  | 1.8  | 3.4  | 0.2  |
| Myanmar           | -    | -    | 0.7  | 6.0  | 4.4  | -0.1 | 10.3 | 6.6  | 4.0  | 6.8  |
| Philippines       | 4.5  | 3.6  | 4.2  | 3.0  | 4.1  | 2.7  | 1.5  | 2.6  | 3.3  | 6.6  |
| Singapore         | -0.5 | 4.6  | 5.5  | 4.3  | 1.5  | -0.1 | -0.6 | 0.2  | 0.3  | 0.5  |
| Thailand          | 3.5  | 3.0  | 3.5  | 3.6  | 1.7  | 0.6  | -0.9 | 1.1  | 0.8  | 0.4  |
| Viet Nam          | 6.5  | 11.8 | 18.1 | 6.8  | 6.0  | 1.8  | 0.6  | 4.7  | 2.8  | 2.7  |

**Table 4.8. Inflation Rates in ASEAN, Year-on-Year Average of Period, 2009-2018**

(in percent)

| Country           | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam | 1.8  | 0.4  | 1.7  | -5.9 | 0.4  | -0.2 | -0.4 | -0.7 | -0.2 | 0.1  |
| Cambodia          | -0.7 | 4.0  | 5.5  | 2.9  | 2.9  | 3.9  | 1.3  | 3.0  | 2.2  | 2.5  |
| Indonesia         | 5.0  | 5.1  | 5.4  | 4.3  | 7.0  | 8.4  | 6.4  | 3.5  | 3.6  | 3.2  |
| Lao PDR           | 0.03 | 6.0  | 7.6  | 4.3  | 6.4  | 4.2  | 1.3  | 1.6  | 0.8  | 2.0  |
| Malaysia          | 0.6  | 1.7  | 3.2  | 1.7  | 2.1  | 4.2  | 2.1  | 2.1  | 3.7  | 0.9  |
| Myanmar           | 2.2  | 8.2  | 2.8  | 2.8  | 5.7  | 5.5  | 10.8 | 7.0  | 4.5  | 6.9  |
| Philippines       | 4.2  | 3.8  | 4.7  | 3.2  | 2.9  | 4.2  | 1.4  | 1.8  | 3.2  | 5.3  |
| Singapore         | 0.6  | 2.8  | 5.3  | 4.6  | 2.4  | 1.0  | -0.5 | -0.5 | 0.6  | 0.4  |
| Thailand          | -0.9 | 3.3  | 3.8  | 3.0  | 2.2  | 1.9  | -0.9 | 0.2  | 0.7  | 1.1  |
| Viet Nam          | 6.9  | 9.2  | 18.6 | 9.1  | 6.6  | 4.1  | 0.6  | 2.7  | 3.5  | 3.5  |

Source:  
ASEAN Secretariat

**Notes:**

- Brunei Darussalam and Malaysia (y-o-y average period) were computed using inflation rate based on the 2010 base year
- Cambodia inflation rate computed using 2006 base year
- Indonesia, Myanmar and Philippines inflation rates were computed using 2012 based year
- Lao PDR; 2006-current using 2006 as the base year
- Singapore and Viet Nam inflation rate were computed using 2014 as base year
- Thailand inflation rate computed using 2015 as base year
- " " not available at the time of publication

**Table 4.9. Foreign Exchange Rates in ASEAN, Average of Period<sup>1)</sup>, 2009-2018**

(National Currency per US \$)

| Country               | 2009     | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Brunei Darussalam     | 1.5      | 1.4      | 1.3      | 1.2      | 1.2      | 1.3      | 1.4      | 1.4      | 1.4      | 1.3      |
| Cambodia              | 4,158.6  | 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  |
| Indonesia             | 10,369.8 | 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 |
| Lao PDR               | 8,501.0  | 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  |
| Malaysia              | 3.5      | 3.3      | 3.1      | 3.1      | 3.2      | 3.3      | 3.9      | 4.2      | 4.3      | 4.0      |
| Myanmar <sup>2)</sup> | 1,084.3  | 970.1    | 819.6    | 850.3    | 937.8    | 983.9    | 1,216.1  | 1,234.1  | 1,356.7  | 1,365.2  |
| Philippines           | 47.6     | 45.1     | 43.3     | 42.2     | 42.9     | 44.3     | 45.5     | 47.5     | 50.3     | 53.0     |
| Singapore             | 1.5      | 1.4      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      | 1.4      | 1.4      | 1.3      |
| Thailand              | 34.3     | 31.7     | 30.5     | 31.1     | 30.7     | 32.5     | 34.2     | 35.3     | 33.9     | 32.3     |
| Viet Nam              | 17,064.5 | 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 |

Source:

ASEAN Secretariat

Notes:

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 April 2018

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

**Table 4.10. Foreign Exchange Rates in ASEAN, End of Period, 2009-2018**

(National Currency per US \$)

| Country           | 2009     | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     |
|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Brunei Darussalam | 1.5      | 1.4      | 1.4      | 1.4      | 1.3      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      |
| Cambodia          | 4,065.0  | 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  |
| Indonesia         | 8,995.0  | 9,419.0  | 10,950.0 | 9,400.0  | 8,991.0  | 9,069.0  | 9,793.0  | 12,173.0 | 12,440.0 | 13,788.0 |
| Lao PDR           | 9,763.5  | 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  |
| Malaysia          | 3.5      | 3.3      | 3.5      | 3.4      | 3.1      | 3.2      | 3.1      | 3.3      | 3.5      | 4.3      |
| Myanmar           | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| Philippines       | 49.1     | 41.4     | 47.5     | 46.4     | 43.9     | 43.9     | 41.2     | 44.4     | 44.6     | 47.2     |
| Singapore         | 1.5      | 1.4      | 1.4      | 1.4      | 1.3      | 1.3      | 1.2      | 1.3      | 1.3      | 1.4      |
| Thailand          | 36.1     | 33.7     | 34.9     | 33.3     | 30.2     | 31.7     | 30.6     | 32.3     | 32.7     | 36.0     |
| Viet Nam          | 16,091.0 | 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 |

Source:

ASEAN Secretariat

Notes:

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>, 2009-2018**

(in percent)

| Country           | 2008      | 2009      | 2010      | 2011        | 2012       | 2013       | 2014       | 2015       | 2016       | 2017  | 2018  |
|-------------------|-----------|-----------|-----------|-------------|------------|------------|------------|------------|------------|-------|-------|
| Brunei Darussalam | 0.80      | 0.63      | 0.40      | 0.40        | 0.23       | 0.28       | 0.30       | 0.34       | 0.33       | 0.32  | 0.36  |
| Cambodia          | 5.20      | 4.09      | 4.50      | 4.33        | 4.08       | 4.03       | 4.19       | 4.71       | 4.84       | 3.29  | 3.91  |
| Indonesia         | 11.16     | 7.48      | 7.06      | 6.81        | 5.76       | 7.61       | 8.94       | 7.99       | 6.69       | 6.10  | 6.84  |
| Lao PDR           | 6.07      | 5.66      | 5.51      | 5.42        | 5.17       | 5.41       | 3.07       | 4.47       | 3.05       | 3.04  | 3.02  |
| Malaysia          | 3.04      | 2.03      | 2.74      | 2.99        | 2.97       | 2.97       | 3.13       | 3.13       | 2.92       | 2.94  | 3.15  |
| Myanmar           | 10.50     | 10.50     | 10.50     | 8.00-10.00  | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 8.00-10.00 | 10.00 | 11.00 |
| Philippines       | 5.92      | 3.03      | 3.00      | 4.00        | 3.03       | 1.17       | 1.64       | 1.78       | 1.60       | 2.60  | 4.10  |
| Singapore         | 0.39      | 0.25      | 0.19      | 0.14        | 0.14       | 0.14       | 0.14       | 0.18       | 0.19       | 4.19  | 8.19  |
| Thailand          | 1.35-1.88 | 0.65-0.75 | 0.95-1.30 | 1.85 - 2.25 | 1.60-2.05  | 1.50-2.50  | 1.00-2.50  | 0.25-2.00  | 1.06       | 1.00  | 2.00  |
| Viet Nam          | 7.94      | 10.14     | 13.25     | 14.00       | 10.50      | 7.14       | 4.64       | 5.09       | 5.08       | 4.65  | 5.65  |

**Table 4.12. Interest Rates in ASEAN: Minimum Lending Rate<sup>1)</sup>, 2009-2018**

(in percent)

| Country           | 2009      | 2010      | 2011       | 2012      | 2013        | 2014       | 2015       | 2016       | 2017       | 2018       |
|-------------------|-----------|-----------|------------|-----------|-------------|------------|------------|------------|------------|------------|
| Brunei Darussalam | 5.50      | 5.50      | 5.50       | 5.27      | 5.22        | 5.20       | 5.16       | 5.17       | 5.18       | 5.50       |
| Cambodia          | 23.08     | 22.49     | 19.35      | 11.79     | 15.79       | 19.79      | 23.79      | 20.46      | 17.98      | 16.02      |
| Indonesia         | 13.69     | 12.83     | 12.16      | 11.49     | 12.12       | 12.79      | 12.46      | 11.36      | 10.68      | 10.34      |
| Lao PDR           | 14.40     | 14.47     | 12.24      | 13.89     | 13.49       | 12.83      | 11.75      | 9.40       | 9.26       | 9.20       |
| Malaysia          | 5.51      | 6.27      | 6.53       | 6.53      | 6.53        | 6.79       | 6.79       | 6.65       | 6.68       | 6.91       |
| Myanmar           | 17.00     | 17.00     | 15.00      | 13.00     | 13.00       | 13.00      | 13.00      | 13.00      | 13.00      | 14.00      |
| Philippines       | 6.96      | 6.00      | 6.00       | 5.46      | 5.72        | 5.59       | 6.63       | 10.63      | 14.63      | 18.63      |
| Singapore         | 5.38      | 5.38      | 5.38       | 5.38      | 5.38        | 5.35       | 5.35       | 5.35       | 5.28       | 5.33       |
| Thailand          | 5.85-6.25 | 6.12-6.50 | 7.25 -7.63 | 7.00-7.50 | 7.00-7.40   | 7.28 -7.88 | 7.10-7.92  | 6.25       | 6.25       | 7.25       |
| Viet Nam          | 11.73     | 14.47     | 18.68      | 13.47     | 11.50-13.00 | 9.50-11.00 | 9.30-10.50 | 9.30-10.30 | 9.30-10.30 | 9.00-11.00 |

Sources:

ASEAN Secretariat and International Financial Statistics (IMF Database)  
CEIC Database

Notes:

1) Minimum Lending rate and 3-Month Deposits 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, 2009-2018**

(in percent)

| Country           | M2   |      |      |      |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
|                   | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Brunei Darussalam | 9.6  | 9.7  | 4.8  | 10.0 | 1.0  | 1.4  | 3.2  | -1.8 | 1.5  | -0.4 | 2.8  |
| Cambodia          | 4.8  | 36.8 | 20.0 | 21.5 | 20.9 | 14.6 | 30.0 | 14.7 | 17.9 | 47.3 | 4.2  |
| Indonesia         | 12.7 | 12.4 | 16.0 | 16.4 | 15.0 | 12.8 | 11.9 | 9.0  | 10.0 | 8.3  | 6.3  |
| Lao PDR           | 18.3 | 31.2 | 39.1 | 29.0 | 31.0 | 17.0 | 25.2 | 14.7 | 10.9 | 12.2 | 8.4  |
| Malaysia*)        | 11.9 | 9.2  | 6.8  | 14.3 | 9.0  | 7.3  | 7.3  | 3.0  | 3.2  | 4.9  | 8.0  |
| Myanmar           | 24.0 | 30.6 | 42.6 | 30.4 | 31.7 | 32.5 | 21.0 | 30.7 | 17.4 | 22.9 | 14.6 |
| Philippines*)     | 30.6 | 7.7  | 13.0 | 29.2 | 9.6  | 29.5 | 12.2 | 9.3  | 13.4 | 11.4 | 8.7  |
| Singapore         | 11.6 | 10.6 | 8.3  | 10.1 | 7.6  | 4.3  | 3.4  | 1.7  | 7.7  | 3.2  | 1.7  |
| Thailand          | 3.3  | 7.5  | 9.9  | 16.2 | 15.9 | 7.3  | 4.6  | 4.4  | 4.2  | 5.0  | 4.7  |
| Viet Nam          | 20.3 | 29.0 | 33.3 | 7.0  | 15.8 | 21.4 | 19.7 | 14.9 | 17.9 | 13.8 | 12.4 |

**Table 4.14. Money Growth (M1)<sup>1)</sup> in ASEAN, Year-on-Year end of the period, 2009-2018**

(in percent)

| Country           | M1   |       |      |      |      |      |      |      |      |       |
|-------------------|------|-------|------|------|------|------|------|------|------|-------|
|                   | 2009 | 2010  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018  |
| Brunei Darussalam | 22.9 | -29.2 | 10.9 | 1.5  | 4.0  | -1.5 | 6.5  | -0.1 | -5.7 | -3.0  |
| Cambodia          | 30.0 | 3.2   | 22.8 | 2.3  | 20.6 | 30.4 | 6.7  | 7.2  | 85.9 | -24.4 |
| Indonesia         | 10.7 | 19.7  | 19.4 | 16.4 | 5.4  | 6.2  | 12.0 | 17.3 | 12.4 | 4.8   |
| Lao PDR           | 28.9 | 32.6  | 12.9 | 16.4 | 5.4  | 6.3  | 4.2  | -7.6 | 19.3 | 5.4   |
| Malaysia          | 9.8  | 11.7  | 15.4 | 11.9 | 13.1 | 5.6  | 4.0  | 5.6  | 11.0 | 0.9   |
| Myanmar           | 24.0 | 30.3  | 20.5 | 14.1 | 25.9 | 13.6 | 31.9 | 0.7  | 3.5  | 8.7   |
| Philippines       | 13.6 | 10.6  | 10.9 | 7.7  | 27.3 | 13.2 | 15.2 | 15.1 | 16.1 | 9.1   |
| Singapore         | 23.5 | 20.3  | 16.1 | 7.7  | 9.9  | 3.6  | 0.1  | 7.7  | 6.3  | 0.4   |
| Thailand          | 7.7  | 11.7  | 13.0 | 20.3 | 3.9  | 1.3  | 5.7  | 4.8  | 9.4  | 2.8   |
| Viet Nam          | 31.3 | 10.2  | -0.9 | 21.9 | 27.9 | 21.2 | 18.0 | 18.1 | 12.4 | 9.7   |

Sources:  
 ASEAN Secretariat and International Financial Statistics (IMF Database)  
 CEIC Database

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



**Table 4.15. Reserve Money in ASEAN, 2009-2018**

(in Billions of National Currency)

| Country           | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016        | 2017        | 2018        |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|
| Brunei Darussalam | 1.2       | 1.3       | 1.5       | -         | -         | -         | -         | -           | -           | -           |
| Cambodia          | 8,741.0   | 10,244.9  | 11,033.0  | 13,129.0  | 14,840.0  | 18,492.0  | 22,501.0  | 28,419.0    | 36,692.6    | 44,156.5    |
| Indonesia         | 402,119.1 | 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 | 1,069,553.8 |
| Lao PDR           | 6,427.7   | 5,151.1   | 4,771.6   | 6,476.7   | 6,840.1   | 12,907.0  | 18,223.6  | 18,966.0    | 19,718.8    | 20,215.3    |
| Malaysia          | 54.8      | 61.3      | 96.3      | 105.8     | 115.8     | 124.8     | 137.3     | 141.3       | 147.4       | 155.6       |
| Myanmar           | 4,665.6   | 5,700.6   | 6,671.8   | 8,410.3   | 10,050.0  | 11,855.0  | 12,477.0  | -           | -           | -           |
| Philippines       | 1,046.8   | 1,119.7   | 1,322.4   | 1,475.3   | 1,925.9   | 2,323.9   | 2,467.1   | 2,757.8     | 3,136.7     | 3,338.0     |
| Singapore         | 36.3      | 40.5      | 45.4      | 48.7      | 64.0      | 55.2      | 60.7      | 64.6        | 68.2        | 71.8        |
| Thailand          | 1,103.3   | 1,243.3   | 1,366.3   | 1,497.8   | 1,581.3   | 1,666.8   | 1,710.1   | 1,816.4     | 1,939.9     | 1,848.5     |
| Viet Nam          | 422,253.0 | 439,622.0 | 522,809.0 | 655,511.0 | 695,652.9 | 825,687.4 | 985,307.4 | 1,111,230.3 | -           | -           |

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

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

**Table 4.16. Government Budget Balance in ASEAN as a Percentage of GDP, 2009-2018**

(as percent of GDP)

| Country           | 2009  | 2010  | 2011  | 2012 | 2013 | 2014 | 2015  | 2016  | 2017  | 2018 |
|-------------------|-------|-------|-------|------|------|------|-------|-------|-------|------|
| Brunei Darussalam | 3.9   | 7.7   | 25.6  | 15.5 | 7.6  | -1.0 | -14.0 | -21.7 | -10.4 | -3.6 |
| Cambodia          | 3.3   | 3.5   | 3.8   | -    | -    | -4.9 | -4.7  | -4.2  | 0.0   | -5.1 |
| Indonesia         | 0.3   | 0.1   | -1.1  | -1.9 | -2.2 | -2.1 | -2.6  | -2.5  | -2.5  | -1.8 |
| Lao PDR           | -2.4  | -2.2  | -1.9  | -1.3 | -4.3 | -3.6 | -5.9  | -5.2  | -5.6  | -4.6 |
| Malaysia          | 0.2   | 1.0   | 0.3   | -4.5 | -3.9 | 0.1  | 0.2   | 0.0   | 0.0   | -3.7 |
| Myanmar           | -     | -     | -     | -    | -    | -    | -     | -     | -     | -    |
| Philippines       | -3.7  | -3.5  | -2.0  | -2.3 | -1.4 | -0.6 | -0.9  | -2.4  | -2.2  | -3.2 |
| Singapore         | -0.3  | 0.3   | 1.1   | 1.6  | 1.3  | 0.1  | -1.0  | 1.2   | 2.1   | 0.4  |
| Thailand          | -4.2  | -2.5  | -4.1  | -4.2 | -1.9 | -2.9 | -2.9  | -2.3  | 0.0   | -2.5 |
| Viet Nam          | -5.84 | -3.35 | -1.78 | -    | -    | -    | -     | -     | -     | -    |

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

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

**Table 4.17. Government Budget Balance in ASEAN, 2009-2018**

(Million of National Currency)

| Country           | 2009           | 2010          | 2011          | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|-------------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Brunei Darussalam | 612.4          | 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         |
| Cambodia          | 1,433,800.0    | 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   |
| Indonesia         | 18,150,382.3   | 5,730,695.8   | -84,399,000.0 | -153,301,000.0 | -211,673,000.0 | -226,692,040.0 | -298,494,830.0 | -308,340,940.0 | -340,975,900.0 | -269,442,940.0 |
| Lao PDR           | -1,143,619.0   | -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   |
| Malaysia          | 1,572.0        | 8,019.0       | 2,825.0       | 2,376.0        | 2,101.0        | 1,037.0        | 2,090.0        | -              | -              | -              |
| Myanmar           | -              | -             | -             | -              | -              | -              | -              | -              | -              | -              |
| Philippines       | -298,532.0     | -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     |
| Singapore         | -820.0         | 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        |
| Thailand          | -401,287.0     | -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     |
| Viet Nam          | -105,647,000.0 | -72,337,000.0 | -49,405,000.0 | -              | -              | -              | -              | -              | -              | -              |

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

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



CHAPTER 5

# **Trade in Goods**



**Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2009-2018**

(in US\$ Million)

| Country                           | 2009               | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>Total Trade in Goods</b>       |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 9,602.5            | 11,274.2           | 15,383.3           | 16,854.7           | 15,057.4           | 14,180.7           | 9,592.2            | 8,694.3            | 8,676.3            | 10,728.8           |
| Cambodia                          | 8,886.7            | 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           |
| Indonesia                         | 213,339.2          | 293,442.4          | 380,932.2          | 381,721.3          | 369,180.5          | 354,158.8          | 292,977.1          | 280,839.0          | 325,796.2          | 385,534.6          |
| Lao PDR                           | 2,962.1            | 3,745.4            | 4,480.1            | 4,194.7            | 6,540.0            | 7,024.6            | 6,763.5            | 7,718.6            | 10,069.4           | 11,662.8           |
| Malaysia                          | 280,221.4          | 363,234.4          | 415,559.1          | 423,942.4          | 434,019.5          | 442,777.8          | 375,168.7          | 358,089.1          | 412,471.5          | 466,642.8          |
| Myanmar                           | 10,191.3           | 11,866.6           | 15,232.7           | 17,173.2           | 23,275.5           | 27,256.7           | 28,275.9           | 27,542.4           | 33,131.4           | 35,991.3           |
| Philippines                       | 83,868.6           | 109,660.3          | 111,751.6          | 117,381.6          | 119,108.9          | 130,806.1          | 128,834.5          | 142,248.0          | 170,614.7          | 188,310.3          |
| Singapore                         | 516,535.4          | 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          |
| Thailand                          | 286,266.8          | 376,225.3          | 451,358.6          | 477,301.9          | 478,247.4          | 455,525.9          | 417,147.4          | 409,994.2          | 459,457.6          | 432,977.9          |
| Viet Nam                          | 125,921.9          | 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          |
| <b>TOTAL</b>                      | <b>1,537,795.9</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>2,238,600.6</b> | <b>2,571,282.7</b> | <b>2,825,263.3</b> |
| <b>Intra-ASEAN Trade in Goods</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 2,442.2            | 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            |
| Cambodia                          | 2,097.9            | 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            |
| Indonesia                         | 52,366.3           | 80,472.2           | 93,399.1           | 95,654.5           | 94,661.0           | 90,571.3           | 72,485.0           | 68,647.6           | 78,686.7           | 92,058.4           |
| Lao PDR                           | 2,478.1            | 2,639.6            | 2,897.0            | 2,589.2            | 3,963.0            | 4,877.0            | 4,356.9            | 4,659.1            | 6,190.7            | 7,546.9            |
| Malaysia                          | 72,061.8           | 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          |
| Myanmar                           | 5,262.3            | 6,175.0            | 8,417.8            | 8,391.9            | 10,211.5           | 11,454.1           | 11,294.8           | 9,430.6            | 11,512.0           | 12,873.7           |
| Philippines                       | 17,399.5           | 27,827.5           | 23,675.6           | 24,758.3           | 22,786.2           | 25,616.1           | 25,578.9           | 30,895.5           | 36,735.1           | 41,147.8           |
| Singapore                         | 141,499.0          | 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          |
| Thailand                          | 59,250.1           | 76,960.9           | 93,508.0           | 99,535.5           | 103,668.6          | 102,725.3          | 96,236.8           | 94,258.6           | 104,436.9          | 102,222.2          |
| Viet Nam                          | 22,121.5           | 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           |
| <b>TOTAL</b>                      | <b>376,978.7</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>516,575.3</b>   | <b>589,174.0</b>   | <b>650,729.2</b>   |

**Table 5.1. ASEAN Total Trade in Goods, Intra-ASEAN and Extra-ASEAN Trade in Goods, 2009-2018 (Continued)**

(in US\$ Million)

| Country                           | 2009               | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>Extra-ASEAN Trade in Goods</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| Brunei Darussalam                 | 7,160.3            | 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            |
| Cambodia                          | 6,788.8            | 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           |
| Indonesia                         | 160,972.9          | 212,970.2          | 287,533.1          | 286,066.9          | 274,519.5          | 263,587.6          | 220,492.1          | 212,191.4          | 247,109.5          | 293,476.1          |
| Lao PDR                           | 484.0              | 1,105.8            | 1,583.1            | 1,605.5            | 2,577.1            | 2,147.6            | 2,406.6            | 3,059.4            | 3,878.7            | 4,116.0            |
| Malaysia                          | 208,159.6          | 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          |
| Myanmar                           | 4,929.0            | 5,691.7            | 6,814.9            | 8,781.2            | 13,064.0           | 15,802.6           | 16,981.1           | 18,111.9           | 21,619.4           | 23,117.5           |
| Philippines                       | 66,469.1           | 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          |
| Singapore                         | 375,036.5          | 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          |
| Thailand                          | 227,016.7          | 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          |
| Viet Nam                          | 103,800.4          | 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          |
| <b>TOTAL</b>                      | <b>1,160,817.2</b> | <b>1,498,579.2</b> | <b>1,815,390.4</b> | <b>1,874,951.9</b> | <b>1,915,317.6</b> | <b>1,927,094.6</b> | <b>1,737,481.4</b> | <b>1,722,025.4</b> | <b>1,982,108.7</b> | <b>2,174,534.1</b> |

Source:  
ASEAN Secretariat

**Table 5.2. ASEAN Exports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|-------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam | 7,152.0          | 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            |
| Cambodia          | 4,985.8          | 3,825.9            | 5,121.1            | 5,330.5            | 6,665.9            | 6,748.7            | 8,557.7            | 10,073.0           | 11,278.1           | 12,700.3           |
| Indonesia         | 116,510.0        | 157,779.1          | 203,496.6          | 190,031.8          | 182,551.8          | 175,980.0          | 150,282.3          | 145,186.2          | 168,810.7          | 180,012.7          |
| Lao PDR           | 1,237.2          | 1,908.7            | 1,898.0            | 1,597.1            | 2,987.8            | 2,572.2            | 2,985.1            | 3,611.5            | 4,909.7            | 5,814.8            |
| Malaysia          | 156,890.9        | 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          |
| Myanmar           | 6,341.5          | 7,871.1            | 7,418.9            | 8,374.8            | 11,232.9           | 11,030.6           | 11,432.3           | 11,836.6           | 13,878.0           | 16,654.2           |
| Philippines       | 38,334.7         | 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           |
| Singapore         | 270,145.3        | 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          |
| Thailand          | 152,497.2        | 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          |
| Viet Nam          | 56,691.0         | 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          |
| <b>TOTAL</b>      | <b>810,785.5</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>1,152,688.4</b> | <b>1,324,777.7</b> | <b>1,436,415.0</b> |

Source:  
ASEAN Secretariat

**Table 5.3. ASEAN Imports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010             | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|-------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Brunei Darussalam | 2,450.5          | 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            |
| Cambodia          | 3,900.9          | 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           |
| Indonesia         | 96,829.2         | 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          |
| Lao PDR           | 1,725.0          | 1,836.6          | 2,582.1            | 2,597.5            | 3,552.3            | 4,452.4            | 3,778.4            | 4,107.1            | 5,159.7            | 5,848.0            |
| Malaysia          | 123,330.5        | 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          |
| Myanmar           | 3,849.9          | 3,995.6          | 7,813.8            | 8,798.3            | 12,042.6           | 16,226.1           | 16,843.6           | 15,705.9           | 19,253.5           | 19,337.1           |
| Philippines       | 45,533.9         | 58,228.6         | 63,709.4           | 65,386.4           | 65,130.6           | 68,704.5           | 70,186.1           | 85,935.1           | 101,901.8          | 119,002.9          |
| Singapore         | 246,390.1        | 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          |
| Thailand          | 133,769.6        | 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          |
| Viet Nam          | 69,230.9         | 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          |
| <b>TOTAL</b>      | <b>727,010.5</b> | <b>952,399.7</b> | <b>1,156,138.1</b> | <b>1,222,883.9</b> | <b>1,254,652.6</b> | <b>1,241,220.9</b> | <b>1,101,128.3</b> | <b>1,085,912.3</b> | <b>1,246,505.0</b> | <b>1,388,848.3</b> |

Source:  
ASEAN Secretariat

**Table 5.4. Extra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017               | 2018               |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|
| Brunei Darussalam | 5,964.9          | 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            |
| Cambodia          | 4,341.2          | 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           |
| Indonesia         | 91,886.1         | 124,431.6        | 161,397.8        | 148,200.7        | 141,921.8        | 136,311.9        | 116,710.0        | 111,355.9        | 129,487.0          | 138,099.4          |
| Lao PDR           | 239.8            | 756.9            | 858.2            | 692.5            | 1,642.2          | 1,181.4          | 1,407.1          | 2,004.7          | 1,781.4            | 2,088.7            |
| Malaysia          | 116,529.4        | 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          |
| Myanmar           | 3,145.0          | 3,677.0          | 2,920.3          | 3,986.3          | 5,774.1          | 6,670.6          | 7,142.8          | 8,325.2          | 9,985.9            | 12,447.2           |
| Philippines       | 32,496.2         | 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           |
| Singapore         | 187,804.3        | 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          |
| Thailand          | 120,006.6        | 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          |
| Viet Nam          | 48,136.2         | 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          |
| <b>TOTAL</b>      | <b>610,549.8</b> | <b>784,645.1</b> | <b>926,172.4</b> | <b>929,684.7</b> | <b>939,803.3</b> | <b>963,778.1</b> | <b>884,627.2</b> | <b>875,910.1</b> | <b>1,012,895.2</b> | <b>1,089,953.0</b> |

Source:  
ASEAN Secretariat

**Table 5.5. Intra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,187.1          | 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          |
| Cambodia          | 644.6            | 313.5            | 416.9            | 516.9            | 526.8            | 362.2            | 689.5            | 870.2            | 1,122.6          | 954.7            |
| Indonesia         | 24,623.9         | 33,347.5         | 42,098.9         | 41,831.1         | 40,630.0         | 39,668.1         | 33,572.3         | 33,830.3         | 39,323.7         | 41,913.2         |
| Lao PDR           | 997.3            | 1,151.8          | 1,039.8          | 904.7            | 1,345.6          | 1,390.8          | 1,578.0          | 1,606.8          | 3,128.3          | 3,726.1          |
| Malaysia          | 40,361.5         | 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         |
| Myanmar           | 3,196.4          | 4,194.1          | 4,498.6          | 4,388.5          | 5,458.8          | 4,360.0          | 4,289.5          | 3,511.4          | 3,892.1          | 4,207.1          |
| Philippines       | 5,838.4          | 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         |
| Singapore         | 82,341.0         | 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        |
| Thailand          | 32,490.6         | 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         |
| Viet Nam          | 8,554.8          | 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         |
| <b>TOTAL</b>      | <b>200,235.7</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>276,778.3</b> | <b>311,882.6</b> | <b>346,462.0</b> |

Source:  
ASEAN Secretariat



**Table 5.6. Extra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018               |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Brunei Darussalam | 1,195.4          | 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            |
| Cambodia          | 2,447.6          | 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           |
| Indonesia         | 69,086.8         | 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          |
| Lao PDR           | 244.2            | 348.9            | 724.9            | 913.0            | 934.9            | 966.2            | 999.5            | 1,054.7          | 2,097.3          | 2,027.3            |
| Malaysia          | 91,630.2         | 119,905.3        | 135,299.5        | 141,529.2        | 150,774.7        | 155,124.2        | 129,332.2        | 127,025.4        | 144,739.6        | 162,279.4          |
| Myanmar           | 1,784.0          | 2,014.7          | 3,894.6          | 4,794.9          | 7,289.9          | 9,132.0          | 9,838.3          | 9,786.7          | 11,633.5         | 10,670.4           |
| Philippines       | 33,972.9         | 41,958.8         | 48,669.1         | 50,432.5         | 50,959.3         | 52,300.0         | 53,144.2         | 63,440.2         | 75,294.5         | 89,036.1           |
| Singapore         | 187,232.1        | 238,150.9        | 294,051.6        | 305,583.8        | 309,870.5        | 302,144.7        | 243,223.4        | 229,176.2        | 246,746.4        | 292,157.9          |
| Thailand          | 107,010.1        | 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          |
| Viet Nam          | 55,664.2         | 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          |
| <b>TOTAL</b>      | <b>550,267.5</b> | <b>713,934.1</b> | <b>889,217.9</b> | <b>945,267.2</b> | <b>975,514.3</b> | <b>963,316.6</b> | <b>852,854.3</b> | <b>846,115.3</b> | <b>969,213.6</b> | <b>1,084,581.1</b> |

Source:  
ASEAN Secretariat

**Table 5.7. Intra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,255.1          | 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          |
| Cambodia          | 1,453.3          | 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          |
| Indonesia         | 27,742.4         | 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         |
| Lao PDR           | 1,480.8          | 1,487.7          | 1,857.2          | 1,684.5          | 2,617.4          | 3,486.2          | 2,778.9          | 3,052.4          | 3,062.4          | 3,820.7          |
| Malaysia          | 31,700.2         | 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         |
| Myanmar           | 2,065.9          | 1,980.9          | 3,919.2          | 4,003.5          | 4,752.7          | 7,094.1          | 7,005.3          | 5,919.2          | 7,619.9          | 8,666.7          |
| Philippines       | 11,561.1         | 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         |
| Singapore         | 59,158.0         | 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         |
| Thailand          | 26,759.5         | 32,643.0         | 39,463.1         | 42,805.0         | 44,348.1         | 43,299.5         | 41,071.8         | 39,601.6         | 44,773.0         | 37,260.0         |
| Viet Nam          | 13,566.7         | 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         |
| <b>TOTAL</b>      | <b>176,743.0</b> | <b>238,465.6</b> | <b>266,920.2</b> | <b>277,616.7</b> | <b>279,138.3</b> | <b>277,904.3</b> | <b>248,274.0</b> | <b>239,797.0</b> | <b>277,291.4</b> | <b>304,267.2</b> |

Source:  
ASEAN Secretariat

**Table 5.8. ASEAN Balance of Trade<sup>1)</sup> in Goods by ASEAN Member States, 2009-2018**

(in US\$ Million)

| Country           | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 4,701.5         | 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         |
| Cambodia          | 1,084.9         | -949.4          | -978.4          | -2,136.1        | -1,545.7        | -2,910.7        | -3,239.7        | -2,297.9        | -3,006.4        | -4,789.7        |
| Indonesia         | 19,680.8        | 22,115.8        | 26,061.1        | -1,657.6        | -4,076.9        | -2,198.8        | 7,587.4         | 9,533.4         | 11,825.1        | -25,509.2       |
| Lao PDR           | -487.8          | 72.1            | -684.1          | -1,000.4        | -564.5          | -1,880.2        | -793.3          | -495.6          | -250.0          | -33.2           |
| Malaysia          | 33,560.4        | 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        |
| Myanmar           | 2,491.6         | 3,875.5         | -394.9          | -423.5          | -809.7          | -5,195.4        | -5,411.3        | -3,869.3        | -5,375.5        | -2,682.8        |
| Philippines       | -7,199.3        | -6,796.9        | -15,667.2       | -13,391.2       | -11,152.4       | -6,602.9        | -11,537.7       | -29,622.2       | -33,188.9       | -49,695.5       |
| Singapore         | 23,755.2        | 40,167.2        | 43,649.4        | 29,795.9        | 31,884.8        | 37,463.0        | 49,807.9        | 46,173.8        | 65,559.0        | 41,289.7        |
| Thailand          | 18,727.6        | 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        |
| Viet Nam          | -12,539.8       | -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         |
| <b>TOTAL</b>      | <b>83,775.0</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>66,776.1</b> | <b>78,272.7</b> | <b>47,566.7</b> |

Source:  
ASEAN Secretariat

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

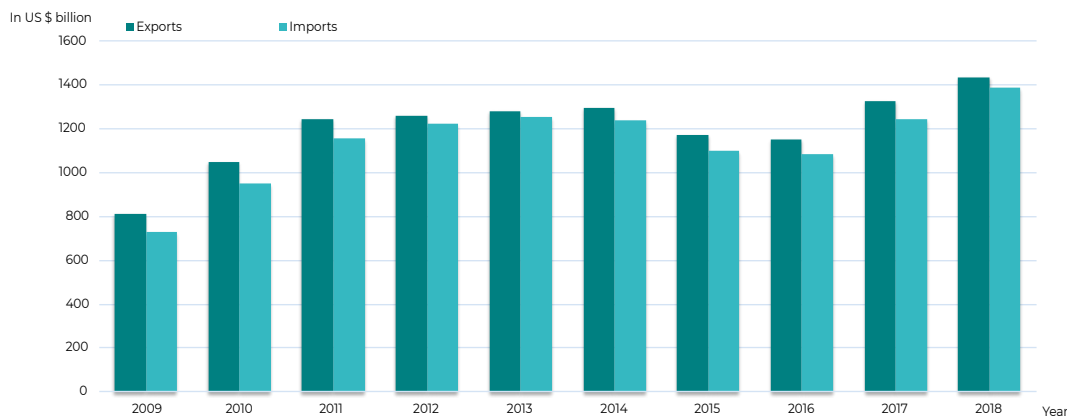
**Table 5.9. ASEAN Trade in Goods by Trading Partner, 2009-2018**

(in US\$ Million)

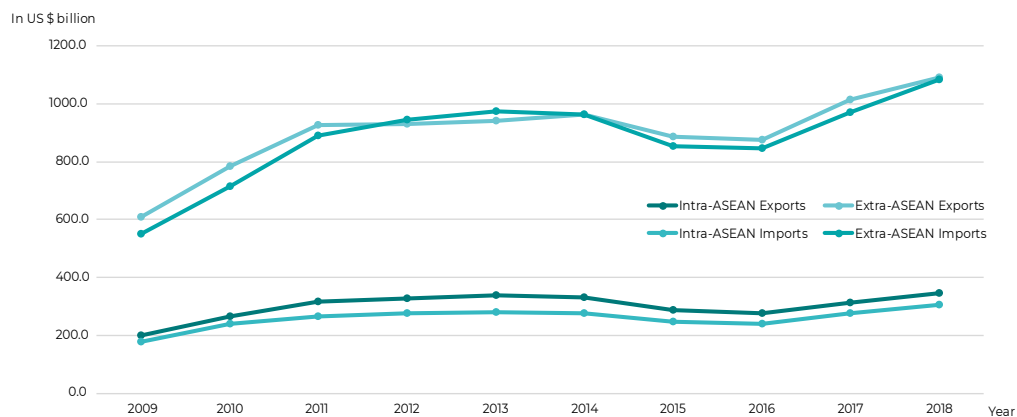
| Trading Partner        | 2009               | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>ASEAN</b>           | <b>376,978.7</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>516,575.3</b>   | <b>589,174.0</b>   | <b>650,729.2</b>   |
| <b>Trading Partner</b> | <b>1,160,817.3</b> | <b>1,491,967.5</b> | <b>1,806,793.4</b> | <b>1,865,437.1</b> | <b>1,903,785.1</b> | <b>1,913,964.6</b> | <b>1,737,481.4</b> | <b>1,722,025.4</b> | <b>1,982,108.8</b> | <b>2,174,534.1</b> |
| Australia              | 43,977.7           | 57,399.0           | 67,442.6           | 70,378.5           | 68,975.2           | 73,289.3           | 57,492.6           | 52,878.6           | 59,093.0           | 66,169.3           |
| Canada                 | 9,028.0            | 10,454.6           | 12,279.6           | 11,932.0           | 13,063.6           | 12,809.0           | 12,655.2           | 12,631.9           | 13,797.5           | 15,744.1           |
| China                  | 178,049.1          | 234,295.6          | 293,102.9          | 316,983.9          | 348,324.7          | 362,644.6          | 363,496.8          | 368,693.9          | 440,939.5          | 483,764.7          |
| EU-28                  | 171,316.6          | 202,800.2          | 238,401.1          | 240,707.7          | 243,896.3          | 245,276.8          | 230,655.1          | 233,564.4          | 260,772.4          | 288,225.3          |
| India                  | 39,171.2           | 56,665.2           | 74,145.1           | 71,132.8           | 68,169.2           | 67,835.7           | 60,165.7           | 58,597.4           | 73,668.2           | 81,066.7           |
| Japan                  | 160,956.1          | 218,700.1          | 255,998.3          | 264,035.1          | 239,942.3          | 228,485.9          | 202,800.1          | 202,407.9          | 218,797.8          | 231,715.4          |
| Korea, Republic of     | 74,721.8           | 101,744.4          | 124,403.4          | 130,974.4          | 134,400.1          | 130,924.7          | 120,566.7          | 124,454.8          | 154,836.1          | 161,514.6          |
| New Zealand            | 5,371.5            | 7,604.6            | 9,039.1            | 9,283.4            | 9,783.4            | 10,698.3           | 8,753.0            | 7,899.6            | 9,505.0            | 10,322.1           |
| Russian Federation     | 6,756.2            | 12,666.9           | 16,803.1           | 18,091.3           | 19,925.1           | 22,524.9           | 13,969.0           | 11,956.6           | 16,748.2           | 20,006.3           |
| USA                    | 148,667.7          | 179,219.7          | 195,878.7          | 198,086.7          | 203,127.5          | 209,290.4          | 210,582.4          | 211,807.1          | 233,826.5          | 263,023.1          |
| Rest of the World      | 322,801.5          | 410,417.3          | 519,299.5          | 533,831.4          | 554,177.8          | 550,185.0          | 456,344.9          | 437,133.2          | 500,124.7          | 552,982.7          |
| <b>Total</b>           | <b>1,537,795.9</b> | <b>1,994,831.3</b> | <b>2,389,731.3</b> | <b>2,471,077.3</b> | <b>2,521,536.8</b> | <b>2,522,078.3</b> | <b>2,272,861.8</b> | <b>2,238,600.6</b> | <b>2,571,282.8</b> | <b>2,825,263.3</b> |

Source:  
ASEAN Secretariat

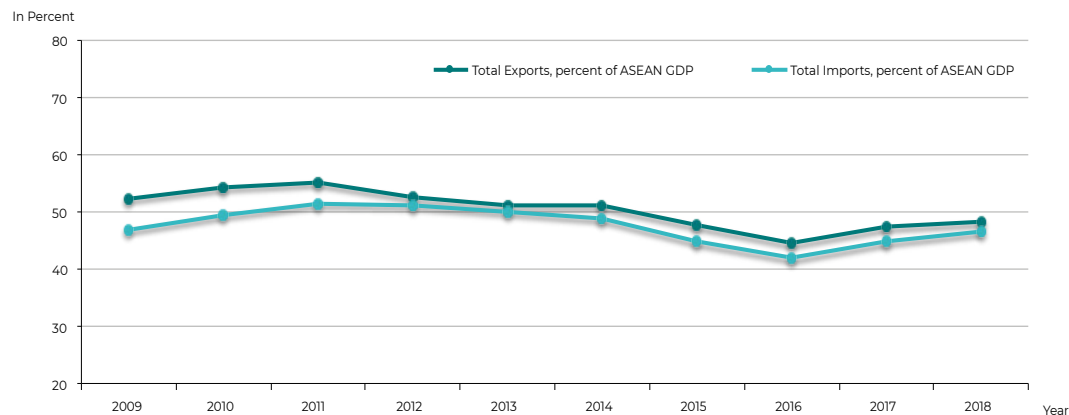
**Chart 5.1. ASEAN Total of Exports and Imports of Goods, 2009-2018**



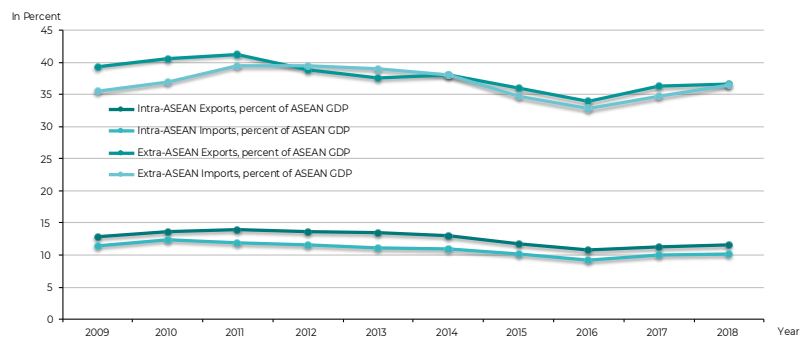
**Chart 5.2. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, 2009-2018**



**Chart 5.3. ASEAN Total of Exports and Imports of Goods, % Share to Gross Domestic Products (GDP), 2009-2018**

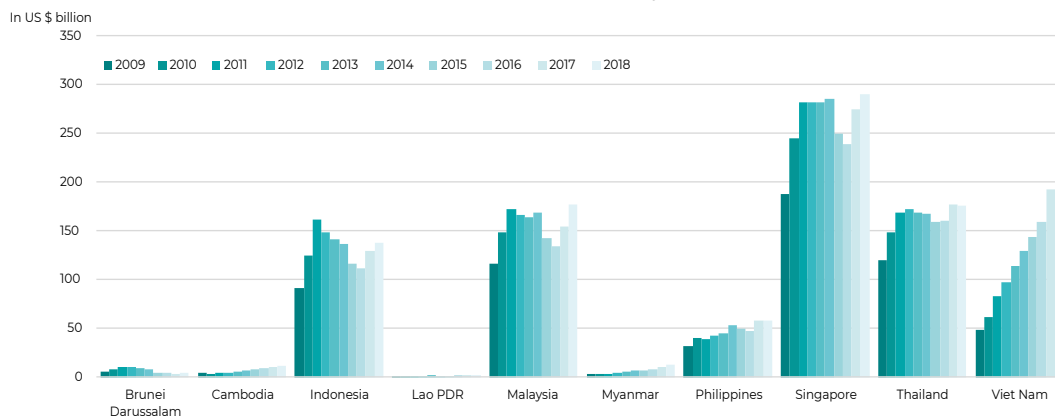


**Chart 5.4. ASEAN Total of Intra and Extra-ASEAN Exports and Imports of Goods, % Share to Gross Domestic Products (GDP), 2009-2018**

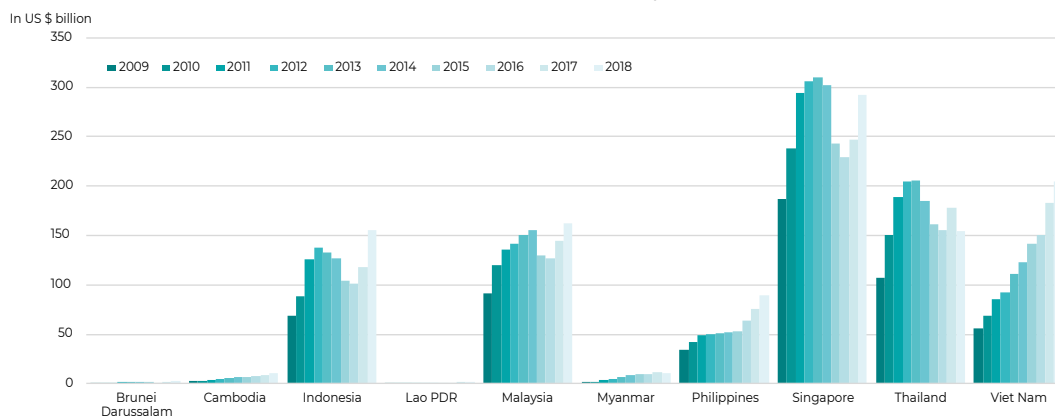


|             |     |
|-------------|-----|
| 514,530.8   | 5.1 |
| 1,388,848.3 | 7.4 |

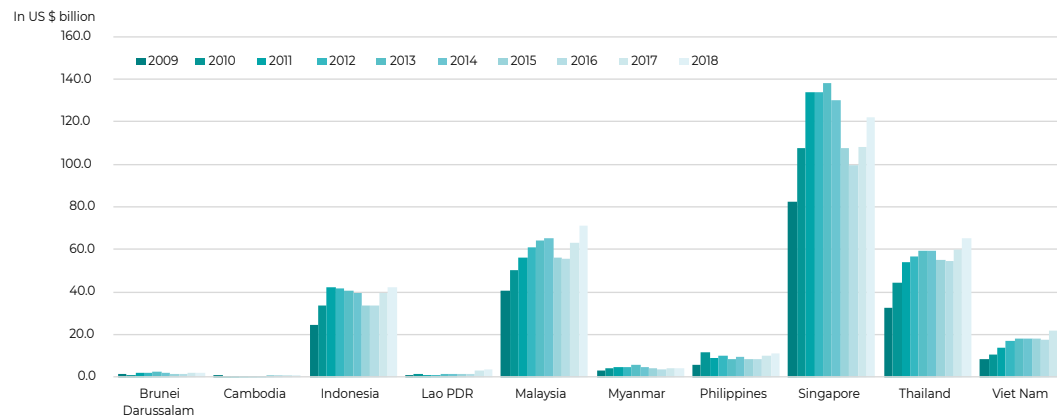
**Chart 5.5. ASEAN Total of Extra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018**



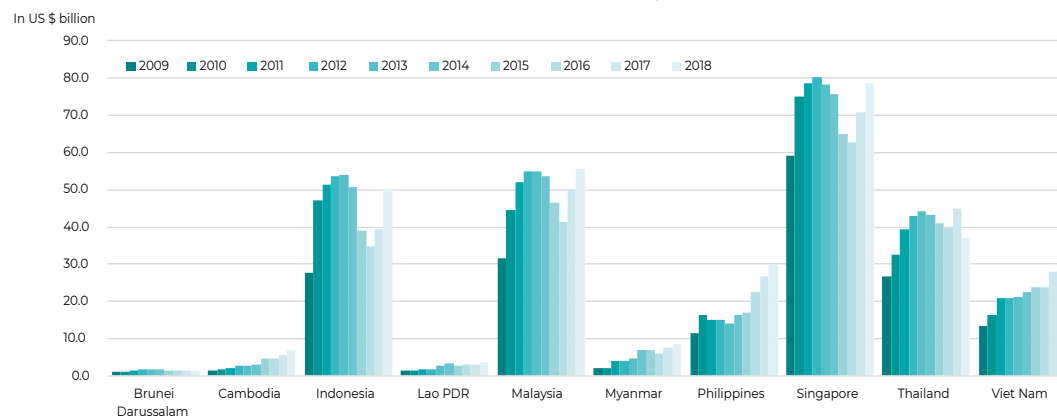
**Chart 5.6. ASEAN Total of Extra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018**



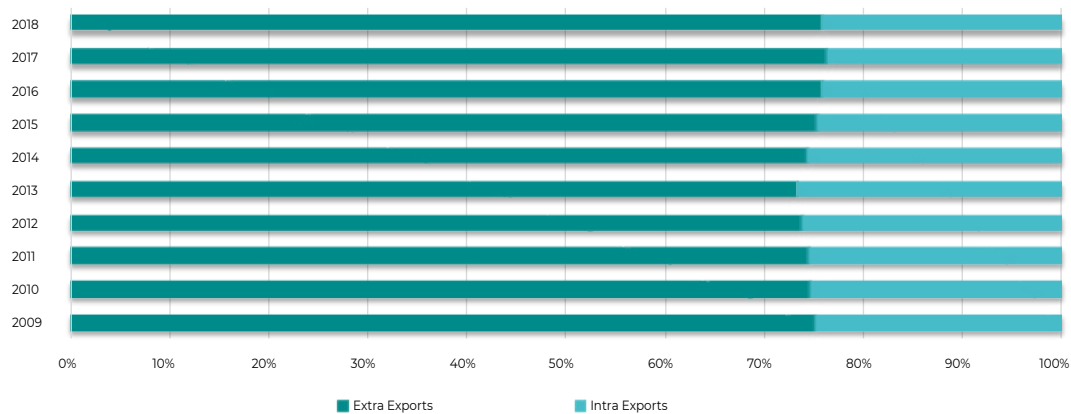
**Chart 5.7. ASEAN Total of Intra-ASEAN Exports of Goods by ASEAN Member States, 2009-2018**



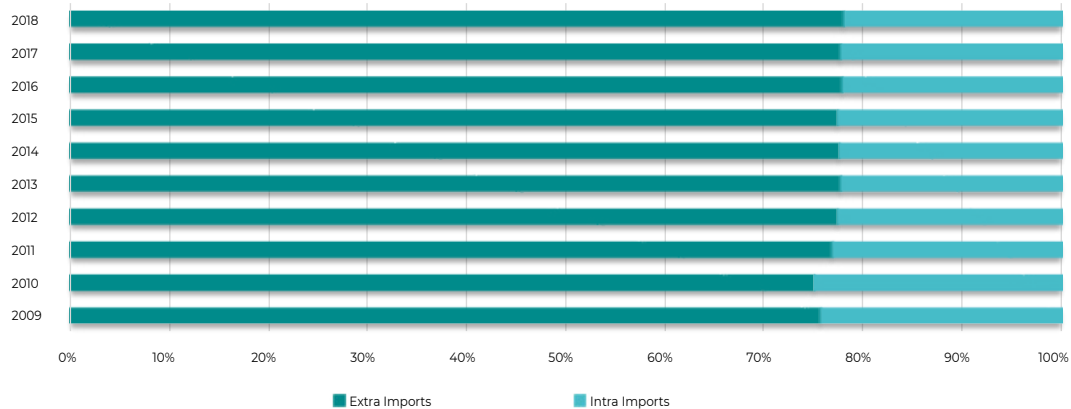
**Chart 5.8. ASEAN Total of Intra-ASEAN Imports of Goods by ASEAN Member States, 2009-2018**



**Chart 5.9. Shares of Extra and Intra-ASEAN to ASEAN Total Exports of Goods, 2009-2018**



**Chart 5.10. Shares of Extra and Intra-ASEAN to ASEAN Total Imports of Goods, 2009-2018**





**Table 5.10. ASEAN Exports and Imports of Goods by Trading Partner, 2009-2018**

(in US\$ Million)

| Trading Partner        | 2009             | 2010               | 2011               | 2012               | 2013               | 2014               | 2015               | 2016               | 2017               | 2018               |
|------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>EXPORT OF GOODS</b> |                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| <b>ASEAN</b>           | <b>200,235.7</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>276,778.3</b>   | <b>311,882.6</b>   | <b>346,462.0</b>   |
| <b>Trading Partner</b> | <b>610,549.8</b> | <b>781,132.7</b>   | <b>921,468.3</b>   | <b>924,871.0</b>   | <b>933,664.2</b>   | <b>957,391.6</b>   | <b>884,627.2</b>   | <b>875,910.1</b>   | <b>1,012,895.2</b> | <b>1,089,953.0</b> |
| Australia              | 29,048.7         | 37,960.4           | 42,686.4           | 46,013.9           | 45,238.7           | 45,147.9           | 35,790.9           | 33,083.4           | 34,588.8           | 39,210.6           |
| Canada                 | 5,491.9          | 5,727.8            | 6,380.3            | 6,185.6            | 6,780.6            | 6,955.7            | 7,182.4            | 7,395.0            | 7,823.3            | 8,741.3            |
| China                  | 81,511.2         | 112,512.4          | 139,912.7          | 142,362.0          | 153,111.8          | 153,656.1          | 145,291.4          | 144,175.6          | 186,993.8          | 198,955.7          |
| EU-28                  | 92,674.7         | 114,228.8          | 129,625.7          | 123,091.2          | 122,156.4          | 129,938.3          | 127,387.0          | 130,423.6          | 157,679.6          | 160,936.5          |
| India                  | 26,593.3         | 37,075.6           | 45,977.0           | 43,586.5           | 42,319.1           | 43,686.3           | 40,553.4           | 37,768.5           | 45,393.3           | 50,737.1           |
| Japan                  | 78,045.7         | 102,901.0          | 127,916.5          | 127,748.5          | 122,239.6          | 119,813.5          | 101,941.2          | 96,552.4           | 105,937.6          | 114,833.5          |
| Korea, Republic of     | 34,254.1         | 45,011.2           | 54,117.0           | 55,319.3           | 52,747.9           | 51,502.2           | 45,420.8           | 45,917.4           | 56,718.6           | 60,489.6           |
| New Zealand            | 3,134.7          | 4,369.7            | 4,974.3            | 5,619.9            | 5,680.4            | 6,371.2            | 5,225.7            | 4,547.0            | 5,461.7            | 6,093.5            |
| Russian Federation     | 1,659.4          | 3,402.7            | 4,668.4            | 4,843.0            | 5,198.7            | 5,369.5            | 4,268.9            | 4,782.1            | 5,865.8            | 5,959.5            |
| USA                    | 82,012.5         | 97,984.0           | 103,001.9          | 106,272.7          | 111,780.9          | 119,213.1          | 125,442.9          | 131,074.1          | 142,473.7          | 160,283.5          |
| Rest of the World      | 176,123.7        | 219,959.2          | 262,208.1          | 263,828.7          | 266,410.0          | 275,737.8          | 246,122.5          | 240,190.9          | 263,959.1          | 283,712.3          |
| <b>Total</b>           | <b>810,785.5</b> | <b>1,045,530.8</b> | <b>1,237,486.0</b> | <b>1,252,894.6</b> | <b>1,272,277.5</b> | <b>1,287,601.0</b> | <b>1,171,733.6</b> | <b>1,152,688.4</b> | <b>1,324,777.7</b> | <b>1,436,415.0</b> |
| <b>IMPORT OF GOODS</b> |                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| <b>ASEAN</b>           | <b>176,743.0</b> | <b>238,465.6</b>   | <b>266,920.2</b>   | <b>277,616.7</b>   | <b>279,138.3</b>   | <b>277,904.3</b>   | <b>248,274.0</b>   | <b>239,797.0</b>   | <b>277,291.4</b>   | <b>304,267.2</b>   |
| <b>Trading Partner</b> | <b>550,267.5</b> | <b>710,834.9</b>   | <b>885,325.1</b>   | <b>940,566.1</b>   | <b>970,121.0</b>   | <b>956,573.0</b>   | <b>852,854.3</b>   | <b>846,115.2</b>   | <b>969,213.6</b>   | <b>1,084,581.1</b> |
| Australia              | 14,929.0         | 19,438.6           | 24,756.2           | 24,364.6           | 23,736.5           | 28,141.3           | 21,701.7           | 19,795.3           | 24,504.2           | 26,958.7           |
| Canada                 | 3,536.1          | 4,726.8            | 5,899.4            | 5,746.5            | 6,283.0            | 5,853.2            | 5,472.8            | 5,236.9            | 5,974.2            | 7,002.8            |
| China                  | 96,537.9         | 121,783.3          | 153,190.2          | 174,621.9          | 195,212.8          | 208,988.5          | 218,205.4          | 224,518.2          | 253,945.7          | 284,809.0          |
| EU-28                  | 78,642.0         | 88,571.4           | 108,775.4          | 117,616.5          | 121,739.8          | 115,338.5          | 103,268.1          | 103,140.8          | 103,092.8          | 127,288.8          |
| India                  | 12,577.9         | 19,589.6           | 28,168.1           | 27,546.4           | 25,850.1           | 24,149.5           | 19,612.3           | 20,828.9           | 28,274.9           | 30,329.6           |
| Japan                  | 82,910.4         | 115,799.1          | 128,081.8          | 136,286.6          | 117,702.7          | 108,672.4          | 100,858.9          | 105,855.5          | 112,860.2          | 116,881.9          |
| Korea, Republic of     | 40,467.7         | 56,733.2           | 70,286.4           | 75,655.1           | 81,652.2           | 79,422.5           | 75,145.9           | 78,537.4           | 98,117.5           | 101,025.0          |
| New Zealand            | 2,236.7          | 3,235.0            | 4,064.8            | 3,663.5            | 4,103.0            | 4,327.1            | 3,527.3            | 3,352.6            | 4,043.4            | 4,228.6            |
| Russian Federation     | 5,096.8          | 9,264.2            | 12,134.7           | 13,248.3           | 14,726.4           | 17,155.4           | 9,700.1            | 7,174.5            | 10,882.4           | 14,046.8           |
| USA                    | 66,655.2         | 81,235.7           | 92,876.8           | 91,814.1           | 91,346.6           | 90,077.4           | 85,139.6           | 80,732.9           | 91,352.8           | 102,739.6          |
| Rest of the World      | 146,677.8        | 190,458.1          | 257,091.4          | 270,002.7          | 287,767.8          | 274,447.2          | 210,222.3          | 196,942.3          | 236,165.6          | 269,270.4          |
| <b>Total</b>           | <b>727,010.5</b> | <b>949,300.5</b>   | <b>1,152,245.3</b> | <b>1,218,182.7</b> | <b>1,249,259.3</b> | <b>1,234,477.3</b> | <b>1,101,128.3</b> | <b>1,085,912.3</b> | <b>1,246,505.0</b> | <b>1,388,848.3</b> |

Source:  
ASEAN Secretariat

**Table 5.11. ASEAN Balance of Trade<sup>1)</sup> in Goods by Trading Partner, 2009-2018**

(in US\$ Million)

| Trading Partner            | 2009            | 2010            | 2011            | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            |
|----------------------------|-----------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Trade Balance (X-M)</b> |                 |                 |                 |                  |                  |                 |                 |                 |                 |                 |
| <b>ASEAN</b>               | <b>23,492.7</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>36,981.2</b> | <b>34,591.1</b> | <b>42,194.9</b> |
| <b>Trading Partner</b>     | <b>60,282.3</b> | <b>70,297.8</b> | <b>36,143.1</b> | <b>-15,695.0</b> | <b>-36,456.8</b> | <b>818.6</b>    | <b>31,772.9</b> | <b>29,794.9</b> | <b>43,681.6</b> | <b>5,371.9</b>  |
| Australia                  | 14,119.7        | 18,521.9        | 17,930.2        | 21,649.3         | 21,502.3         | 17,006.6        | 14,089.2        | 13,288.1        | 10,084.6        | 12,251.9        |
| Canada                     | 1,955.8         | 1,001.1         | 480.9           | 439.1            | 497.6            | 1,102.5         | 1,709.7         | 2,158.1         | 1,849.1         | 1,738.5         |
| China                      | -15,026.7       | -9,270.9        | -13,277.5       | -32,260.0        | -42,101.0        | -55,332.5       | -72,914.0       | -80,342.6       | -66,951.9       | -85,853.3       |
| EU-28                      | 14,032.7        | 25,657.3        | 20,850.4        | 5,474.6          | 416.6            | 14,599.8        | 24,118.9        | 27,282.9        | 54,586.8        | 33,647.7        |
| India                      | 14,015.4        | 17,486.1        | 17,808.9        | 16,040.1         | 16,469.0         | 19,536.8        | 20,941.2        | 16,939.6        | 17,118.5        | 20,407.5        |
| Japan                      | -4,864.7        | -12,898.1       | -165.4          | -8,538.0         | 4,536.9          | 11,141.1        | 1,082.3         | -9,303.0        | -6,922.5        | -2,048.3        |
| Korea, Republic of         | -6,213.6        | -11,722.0       | -16,169.4       | -20,335.7        | -28,904.4        | -27,920.3       | -29,725.0       | -32,620.0       | -41,399.0       | -40,535.4       |
| New Zealand                | 898.0           | 1,134.7         | 909.5           | 1,956.5          | 1,577.3          | 2,044.2         | 1,698.4         | 1,194.4         | 1,418.3         | 1,864.9         |
| Russian Federation         | -3,437.5        | -5,861.5        | -7,466.3        | -8,405.3         | -9,527.7         | -11,785.9       | -5,431.2        | -2,392.4        | -5,016.6        | -8,087.4        |
| USA                        | 15,357.3        | 16,748.3        | 10,125.1        | 14,458.6         | 20,434.4         | 29,135.7        | 40,303.3        | 50,341.2        | 51,120.9        | 57,543.9        |
| Rest of the World          | 29,446.0        | 29,501.1        | 5,116.7         | -6,174.0         | -21,357.9        | 1,290.7         | 35,900.2        | 43,248.6        | 27,793.4        | 14,442.0        |
| <b>Total</b>               | <b>83,775.0</b> | <b>96,230.4</b> | <b>85,240.7</b> | <b>34,711.8</b>  | <b>23,018.2</b>  | <b>53,123.7</b> | <b>70,605.3</b> | <b>66,776.1</b> | <b>78,272.7</b> | <b>47,566.7</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, 2017-2018**

| 2017                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 311,882.6           | 23.5         |
| China                     | 186,993.8           | 14.1         |
| EU-28                     | 157,679.6           | 11.9         |
| United states             | 142,473.7           | 10.8         |
| Japan                     | 105,937.6           | 8.0          |
| Hong Kong                 | 88,828.5            | 6.7          |
| Korea, Republic of        | 56,718.6            | 4.3          |
| India                     | 45,393.3            | 3.4          |
| Taiwan, Province of China | 35,654.0            | 2.7          |
| Australia                 | 34,588.8            | 2.6          |
| <b>Top Ten Countries</b>  | <b>1,166,150.4</b>  | <b>88.0</b>  |
| <b>Others</b>             | <b>158,627.3</b>    | <b>12.0</b>  |
| <b>TOTAL</b>              | <b>1,324,777.7</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 2018                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 346,462.0           | 24.1         |
| China                     | 198,955.7           | 13.9         |
| EU-28                     | 160,936.5           | 11.2         |
| United states             | 160,283.5           | 11.2         |
| Japan                     | 114,833.5           | 8.0          |
| Hong Kong                 | 100,226.5           | 7.0          |
| Korea, Republic of        | 60,489.6            | 4.2          |
| India                     | 50,737.0            | 3.5          |
| Taiwan, Province of China | 39,736.8            | 2.8          |
| Australia                 | 39,210.6            | 2.7          |
| <b>Top Ten Countries</b>  | <b>1,271,871.8</b>  | <b>88.5</b>  |
| <b>Others</b>             | <b>164,543.2</b>    | <b>11.5</b>  |
| <b>TOTAL</b>              | <b>1,436,415.0</b>  | <b>100.0</b> |

Note:  
1) Value is in US\$ million

**Table 5.13. ASEAN Top Ten Origins of Imports of Goods, 2017-2018**

| 2017                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 277,291.4           | 22.2         |
| China                     | 253,945.7           | 20.4         |
| Japan                     | 112,860.2           | 9.1          |
| EU-28                     | 103,092.8           | 8.3          |
| Korea, Republic of        | 98,117.5            | 7.9          |
| United states             | 91,352.8            | 7.3          |
| Taiwan, Province of China | 70,301.9            | 5.6          |
| India                     | 28,274.8            | 2.3          |
| Australia                 | 24,504.2            | 2.0          |
| Saudi Arabia              | 23,643.8            | 1.9          |
| <b>Top Ten Countries</b>  | <b>1,083,385.1</b>  | <b>86.9</b>  |
| <b>Others</b>             | <b>163,120.0</b>    | <b>13.1</b>  |
| <b>TOTAL</b>              | <b>1,246,505.0</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 2018                      |                     |              |
|---------------------------|---------------------|--------------|
| Country                   | Value <sup>1)</sup> | Share (%)    |
| ASEAN                     | 304,267.2           | 21.9         |
| China                     | 284,809.0           | 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                     | 30,329.6            | 2.2          |
| Australia                 | 26,958.7            | 1.9          |
| <b>Top Ten Countries</b>  | <b>1,203,890.1</b>  | <b>86.7</b>  |
| <b>Others</b>             | <b>184,958.2</b>    | <b>13.3</b>  |
| <b>TOTAL</b>              | <b>1,388,848.3</b>  | <b>100.0</b> |

Note:  
1) Value is in US\$ million

**Table 5.14. ASEAN Top Ten Exports of Goods by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) | 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 | 346,356.3           | 26.1      | 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 | 377,595.5           | 26.3      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 144,560.2           | 10.9      | 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 161,037.7           | 11.2      |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 142,461.9           | 10.8      | 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 152,651.3           | 10.6      |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 45,072.8            | 3.4       | 39                  | Plastics and articles thereof   | 47,375.4            | 3.3       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 41,872.1            | 3.2       | 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 46,988.9            | 3.3       |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 41,784.9            | 3.2       | 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 44,237.6            | 3.1       |
| 39                  | Plastics and articles thereof   | 41,638.3            | 3.1       | 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 40,981.3            | 2.9       |
| 15                  | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 39,244.6            | 3.0       | 40                  | Rubber and articles thereof   | 35,890.6            | 2.5       |
| 40                  | Rubber and articles thereof   | 38,254.4            | 2.9       | 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   | 28,280.7            | 2.1       | 29                  | Organic chemicals   | 31,901.3            | 2.2       |
| Top Ten Commodities |   | 909,525.9           | 68.7      | Top Ten Commodities |   | 973,356.8           | 67.8      |
| Others              |   | 415,251.8           | 31.3      | Others              |   | 463,058.2           | 32.2      |
| Total               |   | 1,324,777.7         | 100.0     | Total               |   | 1,436,415.0         | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.15. ASEAN Top Ten Imports of Goods by 2-digit HS Code, 2017 - 2018**

| 2017                       |   |                     |              | 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    | 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 | 296,058.4           | 23.8         | 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 | 321,586.2           | 23.2         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 181,265.8           | 14.5         | 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 223,812.7           | 16.1         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 154,472.8           | 12.4         | 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 166,653.4           | 12.0         |
| 39                         | Plastics and articles thereof   | 48,979.3            | 3.9          | 39                         | Plastics and articles thereof   | 55,685.6            | 4.0          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 43,370.0            | 3.5          | 72                         | Iron and steel  | 49,250.6            | 3.5          |
| 72                         | Iron and steel  | 42,326.8            | 3.4          | 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 45,610.0            | 3.3          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 41,425.8            | 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   | 34,249.0            | 2.7          | 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 36,467.2            | 2.6          |
| 29                         | Organic chemicals   | 24,308.3            | 2.0          | 29                         | Organic chemicals   | 28,339.5            | 2.0          |
| 73                         | Iron or steel articles  | 21,387.2            | 1.7          | 73                         | Iron or steel articles  | 24,107.1            | 1.7          |
| <b>Top Ten Commodities</b> |   | <b>887,843.3</b>    | <b>71.2</b>  | <b>Top Ten Commodities</b> |   | <b>992,445.1</b>    | <b>71.5</b>  |
| <b>Others</b>              |   | <b>358,661.7</b>    | <b>28.8</b>  | <b>Others</b>              |   | <b>396,403.2</b>    | <b>28.5</b>  |
| <b>Total</b>               |   | <b>1,246,505.0</b>  | <b>100.0</b> | <b>Total</b>               |   | <b>1,388,848.3</b>  | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.16. Top Ten Intra-ASEAN Exports of Goods by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) | 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 | 69,962.5            | 22.4      | 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 | 77,958.1            | 22.5      |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 61,522.6            | 19.7      | 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 70,488.9            | 20.3      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 35,830.8            | 11.5      | 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 38,290.3            | 11.1      |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 14,195.0            | 4.6       | 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,703.6            | 4.5       |
| 39                  | Plastics and articles thereof   | 13,564.2            | 4.3       | 39                  | Plastics and articles thereof   | 14,963.8            | 4.3       |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 9,883.3             | 3.2       | 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 13,764.4            | 4.0       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,540.4             | 2.1       | 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,792.2             | 2.0       |
| 29                  | Organic chemicals   | 6,358.2             | 2.0       | 29                  | Organic chemicals   | 6,738.8             | 1.9       |
| 15                  | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,707.8             | 1.5       | 72                  | Iron and steel  | 5,714.2             | 1.6       |
| 40                  | Rubber and articles thereof   | 4,581.5             | 1.5       | 73                  | Iron or steel articles  | 4,893.8             | 1.4       |
| Top Ten Commodities |   | 227,146.1           | 72.8      | Top Ten Commodities |   | 255,308.1           | 73.7      |
| Others              |   | 84,736.5            | 27.2      | Others              |   | 91,153.9            | 26.3      |
| Total               |   | 311,882.6           | 100.0     | Total               |   | 346,462.0           | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.17. Top Ten Intra-ASEAN Imports of Goods by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 63,403.5            | 22.9         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 63,045.3            | 22.7         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 27,943.3            | 10.1         |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 14,397.7            | 5.2          |
| 39                         | Plastics and articles thereof   | 11,225.6            | 4.0          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 6,433.9             | 2.3          |
| 29                         | Organic chemicals   | 6,193.1             | 2.2          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,164.5             | 1.9          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,331.8             | 1.6          |
| 40                         | Rubber and articles thereof   | 4,191.5             | 1.5          |
| <b>Top Ten Commodities</b> |   | <b>206,330.1</b>    | <b>74.4</b>  |
| <b>Others</b>              |   | <b>70,961.3</b>     | <b>25.6</b>  |
| <b>Total</b>               |   | <b>277,291.4</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 74,353.1            | 24.4         |
| 85                         | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 66,540.6            | 21.9         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 29,031.3            | 9.5          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,991.6            | 5.3          |
| 39                         | Plastics and articles thereof   | 12,762.0            | 4.2          |
| 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          |
| 29                         | Organic chemicals   | 6,412.2             | 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  | 4,469.3             | 1.5          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,110.7             | 1.4          |
| <b>Top Ten Commodities</b> |   | <b>226,217.5</b>    | <b>74.3</b>  |
| <b>Others</b>              |   | <b>78,049.7</b>     | <b>25.7</b>  |
| <b>Total</b>               |   | <b>304,267.2</b>    | <b>100.0</b> |

Note:  
1) Value is in US\$ million

**Table 5.18. Top Ten Goods Exported from ASEAN to Australia by 2-digit HS Code, 2017-2018**

| 2017                |  |                     |           | 2018                |   |                     |           |
|---------------------|--|---------------------|-----------|---------------------|---|---------------------|-----------|
| 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   | 8,083.7             | 23.4      | 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   | 6,219.1             | 18.0      | 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  | 3,903.8             | 11.3      | 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                                | 3,104.0             | 9.0       | 85                  | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 3,268.4             | 8.3       |
| 39                  | Plastics and articles thereof  | 1,321.7             | 3.8       | 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  | 797.5               | 2.3       | 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 862.2               | 2.2       |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin  | 723.7               | 2.1       | 21                  | Miscellaneous edible preparations   | 639.7               | 1.6       |
| 21                  | Miscellaneous edible preparations  | 656.4               | 1.9       | 73                  | Iron or steel articles  | 622.1               | 1.6       |
| 40                  | Rubber and articles thereof  | 569.7               | 1.6       | 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 606.3               | 1.5       |
| 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 | 533.9               | 1.5       | 40                  | Rubber and articles thereof   | 603.1               | 1.5       |
| Top Ten Commodities |  | 25,913.4            | 74.9      | Top Ten Commodities |   | 29,896.9            | 76.2      |
| Others              |  | 8,675.4             | 25.1      | Others              |   | 9,313.7             | 23.8      |
| Total               |  | 34,588.8            | 100.0     | Total               |   | 39,210.6            | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million



**Table 5.19. Top Ten Goods Imported to ASEAN from Australia by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           |
|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 3,646.9             | 14.9      |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 1,842.3             | 7.5       |
| 10                  | Cereals   | 1,790.8             | 7.3       |
| 01                  | Animals; live   | 970.0               | 4.0       |
| 02                  | Meat and edible meat offal  | 891.5               | 3.6       |
| 74                  | Copper and articles thereof   | 750.4               | 3.1       |
| 75                  | Nickel and articles thereof   | 682.5               | 2.8       |
| 76                  | Aluminium and articles thereof  | 669.3               | 2.7       |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 665.8               | 2.7       |
| 28                  | Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes                     | 640.1               | 2.6       |
| Top Ten Commodities |   | 12,549.5            | 51.2      |
| Others              |   | 11,954.7            | 48.8      |
| Total               |   | 24,504.2            | 100.0     |

Source:  
ASEAN Secretariat

| 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 5,737.0             | 21.3      |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 2,553.6             | 9.5       |
| 10                  | Cereals   | 2,421.1             | 9.0       |
| 26                  | Ores, slag and ash  | 1,283.9             | 4.8       |
| 02                  | Meat and edible meat offal  | 979.8               | 3.6       |
| 74                  | Copper and articles thereof   | 941.4               | 3.5       |
| 01                  | Animals; live   | 828.3               | 3.1       |
| 76                  | Aluminium and articles thereof  | 814.5               | 3.0       |
| 28                  | Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes                     | 774.0               | 2.9       |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 603.9               | 2.2       |
| Top Ten Commodities |   | 16,937.5            | 62.8      |
| Others              |   | 10,021.2            | 37.2      |
| Total               |   | 26,958.7            | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.20. Top Ten Goods Exported from ASEAN to Canada by 2-digit HS Code, 2017-2018**

| 2017                |  |                     |           |
|---------------------|--|---------------------|-----------|
| 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                                | 1,516.1             | 19.4      |
| 61                  | Apparel and clothing accessories; knitted or crocheted   | 996.1               | 12.7      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 720.1               | 9.2       |
| 62                  | Apparel and clothing accessories; not knitted or crocheted   | 463.5               | 5.9       |
| 40                  | Rubber and articles thereof  | 439.0               | 5.6       |
| 64                  | Footwear; gaiters and the like; parts of such articles   | 423.6               | 5.4       |
| 16                  | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 307.3               | 3.9       |
| 94                  | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 285.9               | 3.7       |
| 3                   | Fish and crustaceans, molluscs and other aquatic invertebrates   | 247.4               | 3.2       |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof   | 155.6               | 2.0       |
| Top Ten Commodities |  | 5,554.4             | 71.0      |
| Others              |  | 2,268.9             | 29.0      |
| Total               |  | 7,823               | 100.0     |

Source:  
ASEAN Secretariat

| 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   | 1,081.1             | 12.4      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 851.1               | 9.7       |
| 62                  | Apparel and clothing accessories; not knitted or crocheted   | 572.5               | 6.5       |
| 64                  | Footwear; gaiters and the like; parts of such articles   | 496.7               | 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       |
| 3                   | 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       |
| Top Ten Commodities |  | 6,061.7             | 69.3      |
| Others              |  | 2,679.6             | 30.7      |
| Total               |  | 8,741.3             | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.21. Top Ten Goods Imported to ASEAN from Canada by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) | HS                  | Commodities   | Value <sup>1)</sup> | Share (%) |
| 10                  | Cereals   | 807.4               | 13.5      | 10                  | Cereals   | 916.9               | 13.1      |
| 31                  | Fertilizers   | 657.6               | 11.0      | 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 835.7               | 11.9      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 631.6               | 10.6      | 31                  | Fertilizers   | 830.3               | 11.9      |
| 47                  | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 563.0               | 9.4       | 47                  | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 697.0               | 10.0      |
| 88                  | Aircraft, spacecraft and parts thereof  | 433.7               | 7.3       | 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 | 371.1               | 6.2       | 85                  | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 366.9               | 5.2       |
| 44                  | Wood and articles of wood; wood charcoal  | 209.6               | 3.5       | 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 341.2               | 4.9       |
| 12                  | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 192.4               | 3.2       | 88                  | Aircraft, spacecraft and parts thereof  | 282.3               | 4.0       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 180.6               | 3.0       | 44                  | Wood and articles of wood; wood charcoal  | 254.4               | 3.6       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 169.8               | 2.8       | 12                  | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 193.8               | 2.8       |
| Top Ten Commodities |   | 4,216.7             | 70.6      | Top Ten Commodities |   | 5,168.2             | 73.8      |
| Others              |   | 1,757.5             | 29.4      | Others              |   | 1,834.6             | 26.2      |
| Total               |   | 5,974.2             | 100.0     | Total               |   | 7,002.8             | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.22. Top Ten Goods Exported from ASEAN to China by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              | 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    | 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 | 51,238.8            | 27.4         | 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 | 54,039.7            | 27.2         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 22,411.0            | 12.0         | 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 22,618.9            | 11.4         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 14,654.5            | 7.8          | 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 15,072.5            | 7.6          |
| 40                         | Rubber and articles thereof   | 11,402.5            | 6.1          | 39                         | Plastics and articles thereof   | 12,497.6            | 6.3          |
| 39                         | Plastics and articles thereof   | 9,771.1             | 5.2          | 29                         | Organic chemicals   | 9,023.6             | 4.5          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 8,556.5             | 4.6          | 40                         | Rubber and articles thereof   | 8,943.6             | 4.5          |
| 29                         | Organic chemicals   | 6,258.0             | 3.3          | 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 8,358.1             | 4.2          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 5,234.3             | 2.8          | 8                          | Fruit and nuts, edible; peel of citrus fruit or melons  | 4,795.0             | 2.4          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,797.2             | 2.6          | 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,594.1             | 2.3          |
| 8                          | Fruit and nuts, edible; peel of citrus fruit or melons  | 4,381.7             | 2.3          | 26                         | Ores, slag and ash  | 4,365.4             | 2.2          |
| <b>Top Ten Commodities</b> |   | <b>138,705.4</b>    | <b>74.2</b>  | <b>Top Ten Commodities</b> |   | <b>144,308.6</b>    | <b>72.5</b>  |
| <b>Others</b>              |   | <b>48,288.4</b>     | <b>25.8</b>  | <b>Others</b>              |   | <b>54,647.1</b>     | <b>27.5</b>  |
| <b>Total</b>               |   | <b>186,993.8</b>    | <b>100.0</b> | <b>Total</b>               |   | <b>198,955.7</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.23. Top Ten Goods Imported to ASEAN from China by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           |
|---------------------|---|---------------------|-----------|
| 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 | 77,974.1            | 30.7      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 42,923.1            | 16.9      |
| 72                  | Iron and steel  | 13,644.8            | 5.4       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 10,741.1            | 4.2       |
| 39                  | Plastics and articles thereof   | 9,706.6             | 3.8       |
| 73                  | Iron or steel articles  | 8,141.6             | 3.2       |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,495.0             | 2.2       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,966.6             | 2.0       |
| 29                  | Organic chemicals   | 4,946.9             | 1.9       |
| 60                  | Fabrics; knitted or crocheted   | 4,715.3             | 1.9       |
| Top Ten Commodities |   | 183,255.0           | 72.2      |
| Others              |   | 70,690.7            | 27.8      |
| Total               |   | 253,945.7           | 100.0     |

Source:  
ASEAN Secretariat

| 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 | 85,521.3            | 30.0      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 47,605.2            | 16.7      |
| 72                  | Iron and steel  | 14,922.0            | 5.2       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 13,660.6            | 4.8       |
| 39                  | Plastics and articles thereof   | 10,853.8            | 3.8       |
| 73                  | Iron or steel articles  | 9,792.3             | 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  | 5,262.4             | 1.8       |
| Top Ten Commodities |   | 204,312.6           | 71.7      |
| Others              |   | 80,496.4            | 28.3      |
| Total               |   | 284,809.0           | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.24. Top Ten Goods Exported from ASEAN to EU-28 by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) | 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 | 42,882.5            | 27.2      | 85                  | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 46,693.5            | 29.0      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 20,332.9            | 12.9      | 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  | 7,267.7             | 4.6       | 64                  | Footwear; gaiters and the like; parts of such articles  | 7,483.4             | 4.6       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,852.6             | 4.3       | 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,690.5             | 4.2       |
| 15                  | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 5,949.6             | 3.8       | 62                  | Apparel and clothing accessories; not knitted or crocheted  | 6,327.9             | 3.9       |
| 61                  | Apparel and clothing accessories; knitted or crocheted  | 5,862.2             | 3.7       | 61                  | Apparel and clothing accessories; knitted or crocheted  | 6,119.7             | 3.8       |
| 29                  | Organic chemicals   | 5,692.3             | 3.6       | 29                  | Organic chemicals   | 5,522.9             | 3.4       |
| 62                  | Apparel and clothing accessories; not knitted or crocheted  | 5,096.1             | 3.2       | 15                  | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,858.6             | 3.0       |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 4,880.9             | 3.1       | 99                  | Other products  | 4,773.1             | 3.0       |
| 40                  | Rubber and articles thereof   | 4,697.6             | 3.0       | 40                  | Rubber and articles thereof   | 4,630.3             | 2.9       |
| Top Ten Commodities |   | 109,514.4           | 69.5      | Top Ten Commodities |   | 114,297.9           | 71.0      |
| Others              |   | 48,165.2            | 30.5      | Others              |   | 46,638.6            | 29.0      |
| Total               |   | 157,679.6           | 100.0     | Total               |   | 160,936.5           | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.25. Top Ten Goods Imported to ASEAN from EU-28 by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              | 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|----------------------------|---|---------------------|--------------|
| HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    | HS                         | Commodities   | Value <sup>1)</sup> | Share (%)    |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 20,984.4            | 20.4         | 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 | 15,417.9            | 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 | 19,795.5            | 15.6         |
| 88                         | Aircraft, spacecraft and parts thereof  | 6,604.4             | 6.4          | 88                         | Aircraft, spacecraft and parts thereof  | 11,066.1            | 8.7          |
| 30                         | Pharmaceutical products   | 5,728.6             | 5.6          | 30                         | Pharmaceutical products   | 6,425.8             | 5.0          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,472.0             | 5.3          | 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,300.4             | 4.9          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,105.0             | 5.0          | 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,227.4             | 4.9          |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 4,584.2             | 4.4          | 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,009.1             | 4.7          |
| 39                         | Plastics and articles thereof   | 2,664.5             | 2.6          | 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 3,705.4             | 2.9          |
| 33                         | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 2,659.3             | 2.6          | 39                         | Plastics and articles thereof   | 3,137.8             | 2.5          |
| 29                         | Organic chemicals   | 2,191.7             | 2.1          | 22                         | Beverages, spirits and vinegar  | 2,935.2             | 2.3          |
| <b>Top Ten Commodities</b> |   | <b>71,412.0</b>     | <b>69.3</b>  | <b>Top Ten Commodities</b> |   | <b>90,109.2</b>     | <b>70.8</b>  |
| <b>Others</b>              |   | <b>31,680.8</b>     | <b>30.7</b>  | <b>Others</b>              |   | <b>37,179.6</b>     | <b>29.2</b>  |
| <b>Total</b>               |   | <b>103,092.8</b>    | <b>100.0</b> | <b>Total</b>               |   | <b>127,288.8</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.26. Top Ten Goods Exported from ASEAN to India by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              | 2018                       |   |                     |              |
|----------------------------|---|---------------------|--------------|----------------------------|---|---------------------|--------------|
| 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  | 7,541.1             | 16.6         | 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,942.0             | 17.6         |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 6,555.2             | 14.4         | 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 | 8,817.9             | 17.4         |
| 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 | 6,101.7             | 13.4         | 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   | 4,228.0             | 9.3          | 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,669.1             | 9.2          |
| 29                         | Organic chemicals   | 2,366.3             | 5.2          | 29                         | Organic chemicals   | 2,651.5             | 5.2          |
| 39                         | Plastics and articles thereof   | 2,198.1             | 4.8          | 39                         | Plastics and articles thereof   | 2,360.9             | 4.7          |
| 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,488.9             | 3.3          | 74                         | Copper and articles thereof   | 1,549.7             | 3.1          |
| 74                         | Copper and articles thereof   | 1,428.0             | 3.1          | 72                         | Iron and steel  | 1,436.5             | 2.8          |
| 40                         | Rubber and articles thereof   | 1,149.2             | 2.5          | 40                         | Rubber and articles thereof   | 1,387.3             | 2.7          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 985.0               | 2.2          | 71                         | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,206.6             | 2.4          |
| <b>Top Ten Commodities</b> |   | <b>34,041.4</b>     | <b>75.0</b>  | <b>Top Ten Commodities</b> |   | <b>38,203.2</b>     | <b>75.3</b>  |
| <b>Others</b>              |   | <b>11,352.0</b>     | <b>25.0</b>  | <b>Others</b>              |   | <b>12,533.8</b>     | <b>24.7</b>  |
| <b>Total</b>               |   | <b>45,393.3</b>     | <b>100.0</b> | <b>Total</b>               |   | <b>50,737.1</b>     | <b>100.0</b> |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million



**Table 5.27. Top Ten Goods Imported to ASEAN from India by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| 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  | 7,265.3             | 25.7      | 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,993.7             | 23.1      |
| 72                  | Iron and steel  | 2,362.3             | 8.4       | 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 2,531.9             | 8.3       |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 1,890.7             | 6.7       | 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                         | 1,728.0             | 6.1       | 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,786.0             | 5.9       |
| 29                  | Organic chemicals   | 1,486.0             | 5.3       | 72                  | Iron and steel  | 1,559.1             | 5.1       |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,206.5             | 4.3       | 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,420.4             | 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 | 1,085.0             | 3.8       | 85                  | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,217.7             | 4.0       |
| 30                  | Pharmaceutical products   | 1,014.4             | 3.6       | 30                  | Pharmaceutical products   | 1,052.3             | 3.5       |
| 2                   | Meat and edible meat offal  | 778.8               | 2.8       | 2                   | Meat and edible meat offal  | 944.5               | 3.1       |
| 3                   | Fish and crustaceans, molluscs and other aquatic invertebrates  | 713.1               | 2.5       | 52                  | Cotton  | 944.5               | 3.1       |
| Top Ten Commodities |   | 19,530.1            | 69.1      | Top Ten Commodities |   | 20,661.9            | 68.1      |
| Others              |   | 8,744.8             | 30.9      | Others              |   | 9,667.7             | 31.9      |
| Total               |   | 28,274.9            | 100.0     | Total               |   | 30,329.6            | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.28. Top Ten Goods Exported from ASEAN to Japan by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| 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 | 24,663.2            | 23.3         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 14,335.5            | 13.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 10,019.8            | 9.5          |
| 39                         | Plastics and articles thereof   | 4,076.8             | 3.8          |
| 44                         | Wood and articles of wood; wood charcoal  | 3,623.3             | 3.4          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 3,559.7             | 3.4          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 2,836.7             | 2.7          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 2,777.5             | 2.6          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof  | 2,738.3             | 2.6          |
| 40                         | Rubber and articles thereof   | 2,575.5             | 2.4          |
| <b>Top Ten Commodities</b> |   | <b>71,206.3</b>     | <b>67.2</b>  |
| <b>Others</b>              |   | <b>34,731.4</b>     | <b>32.8</b>  |
| <b>Total</b>               |   | <b>105,937.6</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 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            | 23.6         |
| 27                         | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,312.2             | 2.0          |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 22,780.6            | 19.8         |
| 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          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 46.7                | 0.0          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 55.4                | 0.0          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 12,019.6            | 10.5         |
| 44                         | Wood and articles of wood; wood charcoal  | 122.0               | 0.1          |
| 16                         | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof  | 30.4                | 0.0          |
| <b>Top Ten Commodities</b> |   | <b>74,726.5</b>     | <b>65.1</b>  |
| <b>Others</b>              |   | <b>40,107.1</b>     | <b>34.9</b>  |
| <b>Total</b>               |   | <b>114,833.5</b>    | <b>100.0</b> |

Note:  
1) Value is in US\$ million

**Table 5.29. Top Ten Goods Imported to ASEAN from Japan by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           |
|---------------------|---|---------------------|-----------|
| 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 | 25,203.9            | 22.3      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 23,018.5            | 20.4      |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 11,833.1            | 10.5      |
| 72                  | Iron and steel  | 9,126.8             | 8.1       |
| 39                  | Plastics and articles thereof   | 5,692.8             | 5.0       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,419.8             | 3.9       |
| 71                  | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 3,951.7             | 3.5       |
| 73                  | Iron or steel articles  | 3,825.9             | 3.4       |
| 74                  | Copper and articles thereof   | 2,290.8             | 2.0       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,263.2             | 2.0       |
| Top Ten Commodities |   | 91,626.3            | 81.2      |
| Others              |   | 21,233.8            | 18.8      |
| Total               |   | 112,860.2           | 100.0     |

Source:  
ASEAN Secretariat

| 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       |
| Top Ten Commodities |   | 94,755.0            | 81.1      |
| Others              |   | 22,126.9            | 18.9      |
| Total               |   | 116,881.9           | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.30. Top Ten Goods Exported from ASEAN to Republic of Korea by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) | 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 | 18,324.7            | 32.3      | 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 | 17,616.5            | 29.1      |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 7,770.8             | 13.7      | 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   | 5,785.4             | 10.2      | 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 5,333.4             | 8.8       |
| 62                  | Apparel and clothing accessories; not knitted or crocheted  | 2,169.7             | 3.8       | 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   | 1,884.2             | 3.3       | 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 2,645.8             | 4.4       |
| 44                  | Wood and articles of wood; wood charcoal  | 1,325.7             | 2.3       | 33                  | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 1,803.6             | 3.0       |
| 33                  | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 1,291.2             | 2.3       | 44                  | Wood and articles of wood; wood charcoal  | 1,700.0             | 2.8       |
| 61                  | Apparel and clothing accessories; knitted or crocheted  | 1,148.4             | 2.0       | 72                  | Iron and steel  | 1,444.3             | 2.4       |
| 38                  | Chemical products n.e.c.  | 1,081.5             | 1.9       | 61                  | Apparel and clothing accessories; knitted or crocheted  | 1,391.7             | 2.3       |
| 40                  | Rubber and articles thereof   | 1,036.8             | 1.8       | 38                  | Chemical products n.e.c.  | 1,179.7             | 2.0       |
| Top Ten Commodities |   | 41,818.3            | 73.7      | Top Ten Commodities |   | 44,057.8            | 72.8      |
| Others              |   | 14,900.3            | 26.3      | Others              |   | 16,431.8            | 27.2      |
| Total               |   | 56,718.6            | 100.0     | Total               |   | 60,489.6            | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.31. Top Ten Goods Imported to ASEAN from Republic of Korea by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           |
|---------------------|---|---------------------|-----------|
| 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 | 41,804.9            | 42.6      |
| 84                  | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 9,263.1             | 9.4       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,544.9             | 8.7       |
| 39                  | Plastics and articles thereof   | 5,463.3             | 5.6       |
| 90                  | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,878.6             | 5.0       |
| 72                  | Iron and steel  | 4,476.0             | 4.6       |
| 87                  | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 2,075.0             | 2.1       |
| 40                  | Rubber and articles thereof   | 1,623.7             | 1.7       |
| 73                  | Iron or steel articles  | 1,417.8             | 1.4       |
| 60                  | Fabrics; knitted or crocheted   | 1,395.4             | 1.4       |
| Top Ten Commodities |   | 80,942.7            | 82.5      |
| Others              |   | 17,174.8            | 17.5      |
| Total               |   | 98,117.5            | 100.0     |

Source:  
ASEAN Secretariat

| 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       |
| Top Ten Commodities |   | 83,591.7            | 82.7      |
| Others              |   | 17,433.3            | 17.3      |
| Total               |   | 101,025.0           | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.32. Top Ten Goods Exported from ASEAN to New Zealand by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           | 2018                |   |                     |           |
|---------------------|---|---------------------|-----------|---------------------|---|---------------------|-----------|
| 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  | 1,194.3             | 21.9      | 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  | 989.0               | 18.1      | 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   | 544.7               | 10.0      | 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 | 508.1               | 9.3       | 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 | 533.7               | 8.8       |
| 39                  | Plastics and articles thereof   | 305.8               | 5.6       | 39                  | Plastics and articles thereof   | 282.4               | 4.6       |
| 23                  | Food industries, residues and wastes thereof; prepared animal fodder  | 205.9               | 3.8       | 23                  | Food industries, residues and wastes thereof; prepared animal fodder  | 247.7               | 4.1       |
| 21                  | Miscellaneous edible preparations   | 105.0               | 1.9       | 88                  | Aircraft, spacecraft and parts thereof  | 151.2               | 2.5       |
| 88                  | Aircraft, spacecraft and parts thereof  | 99.4                | 1.8       | 21                  | Miscellaneous edible preparations   | 116.2               | 1.9       |
| 40                  | Rubber and articles thereof   | 96.0                | 1.8       | 40                  | Rubber and articles thereof   | 108.8               | 1.8       |
| 48                  | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 92.6                | 1.7       | 48                  | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 100.2               | 1.6       |
| Top Ten Commodities |   | 4,140.6             | 75.8      | Top Ten Commodities |   | 4,703.7             | 77.2      |
| Others              |   | 1,321.1             | 24.2      | Others              |   | 1,389.8             | 22.8      |
| Total               |   | 5,461.7             | 100.0     | Total               |   | 6,093.5             | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.33. Top Ten Goods Imported to ASEAN from New Zealand by 2-digit HS Code, 2017-2018**

| 2017                |  |                     |           |
|---------------------|--|---------------------|-----------|
| HS                  | Commodities  | Value <sup>1)</sup> | Share (%) |
| 4                   | Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included | 1,992.1             | 49.3      |
| 2                   | Meat and edible meat offal   | 223.9               | 5.5       |
| 44                  | Wood and articles of wood; wood charcoal   | 183.7               | 4.5       |
| 47                  | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard               | 176.2               | 4.4       |
| 8                   | Fruit and nuts, edible; peel of citrus fruit or melons   | 168.7               | 4.2       |
| 97                  | Works of art; collectors' pieces and antiques  | 148.1               | 3.7       |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes             | 125.7               | 3.1       |
| 35                  | Albuminoidal substances; modified starches; glues; enzymes   | 89.5                | 2.2       |
| 19                  | Preparations of cereals, flour, starch or milk; pastrycooks' products  | 79.4                | 2.0       |
| 48                  | Paper and paperboard; articles of paper pulp, of paper or paperboard   | 73.6                | 1.8       |
| Top Ten Commodities |  | 3,260.8             | 80.6      |
| Others              |  | 782.5               | 19.4      |
| Total               |  | 4,043.4             | 100.0     |

Source:  
ASEAN Secretariat

| 2018                |  |                     |           |
|---------------------|--|---------------------|-----------|
| HS                  | Commodities  | Value <sup>1)</sup> | Share (%) |
| 4                   | 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       |
| 2                   | 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       |
| 8                   | 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                  | Albuminoidal 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       |
| Top Ten Commodities |  | 3,464.8             | 81.9      |
| Others              |  | 763.8               | 18.1      |
| Total               |  | 4,228.6             | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.34. Top Ten Goods Exported from ASEAN to Russian Federation by 2-digit HS Code, 2017-2018**

| 2017                       |   |                     |              |
|----------------------------|---|---------------------|--------------|
| 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 | 1,891.4             | 32.2         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 665.9               | 11.4         |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 579.9               | 9.9          |
| 87                         | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 447.3               | 7.6          |
| 40                         | Rubber and articles thereof   | 263.7               | 4.5          |
| 9                          | Coffee, tea, mate and spices  | 228.6               | 3.9          |
| 64                         | Footwear; gaiters and the like; parts of such articles  | 169.2               | 2.9          |
| 61                         | Apparel and clothing accessories; knitted or crocheted  | 138.4               | 2.4          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted  | 115.5               | 2.0          |
| 3                          | Fish and crustaceans, molluscs and other aquatic invertebrates  | 113.9               | 1.9          |
| <b>Top Ten Commodities</b> |   | <b>4,613.7</b>      | <b>78.7</b>  |
| <b>Others</b>              |   | <b>1,252.1</b>      | <b>21.3</b>  |
| <b>Total</b>               |   | <b>5,865.8</b>      | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 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          |
| 9                          | 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>5,959.5</b>      | <b>100.0</b> |

Note:  
1) Value is in US\$ million



**Table 5.35. Top Ten Goods Imported to ASEAN from Russian Federation by 2-digit HS Code, 2017-2018**

| 2017                |   |                     |           |
|---------------------|---|---------------------|-----------|
| HS                  | Commodities   | Value <sup>1)</sup> | Share (%) |
| 27                  | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 7,004.1             | 64.4      |
| 72                  | Iron and steel  | 1,171.4             | 10.8      |
| 31                  | Fertilizers   | 758.8               | 7.0       |
| 10                  | Cereals   | 590.6               | 5.4       |
| 76                  | Aluminium and articles thereof  | 205.8               | 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 | 134.7               | 1.2       |
| 3                   | Fish and crustaceans, molluscs and other aquatic invertebrates  | 117.4               | 1.1       |
| 40                  | Rubber and articles thereof   | 109.7               | 1.0       |
| 48                  | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 93.2                | 0.9       |
| 25                  | Salt; sulphur; earths, stone; plastering materials, lime and cement   | 82.0                | 0.8       |
| Top Ten Commodities |   | 10,267.6            | 94.4      |
| Others              |   | 614.7               | 5.6       |
| Total               |   | 10,882.4            | 100.0     |

Source:  
ASEAN Secretariat

| 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   | 1,210.6             | 8.6       |
| 31                  | Fertilizers   | 791.6               | 5.6       |
| 76                  | Aluminium and articles thereof  | 225.3               | 1.6       |
| 3                   | 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       |
| Top Ten Commodities |   | 13,340.2            | 95.0      |
| Others              |   | 706.6               | 5.0       |
| Total               |   | 14,046.8            | 100.0     |

Note:  
1) Value is in US\$ million

**Table 5.36. Top Ten Goods Exported from ASEAN to USA by 2-digit HS Code, 2017-2018**

| 2017                       |  |                     |              |
|----------------------------|--|---------------------|--------------|
| 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                                | 36,273.2            | 25.5         |
| 84                         | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 21,445.8            | 15.1         |
| 61                         | Apparel and clothing accessories; knitted or crocheted   | 12,407.5            | 8.7          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 7,991.3             | 5.6          |
| 40                         | Rubber and articles thereof  | 6,948.5             | 4.9          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 6,756.3             | 4.7          |
| 90                         | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories  | 6,297.1             | 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 | 5,366.7             | 3.8          |
| 3                          | Fish and crustaceans, molluscs and other aquatic invertebrates   | 2,841.3             | 2.0          |
| 15                         | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes   | 2,383.8             | 1.7          |
| <b>Top Ten Commodities</b> |  | <b>108,711.7</b>    | <b>76.3</b>  |
| <b>Others</b>              |  | <b>33,762.0</b>     | <b>23.7</b>  |
| <b>Total</b>               |  | <b>142,473.7</b>    | <b>100.0</b> |

Source:  
ASEAN Secretariat

| 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   | 13,514.6            | 8.4          |
| 62                         | Apparel and clothing accessories; not knitted or crocheted   | 8,856.9             | 5.5          |
| 64                         | Footwear; gaiters and the like; parts of such articles   | 7,633.7             | 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          |
| 3                          | Fish and crustaceans, molluscs and other aquatic invertebrates   | 2,681.8             | 1.7          |
| <b>Top Ten Commodities</b> |  | <b>119,736.4</b>    | <b>74.7</b>  |
| <b>Others</b>              |  | <b>40,547.1</b>     | <b>25.3</b>  |
| <b>Total</b>               |  | <b>160,283.5</b>    | <b>100.0</b> |

Note:  
1) Value is in US\$ million

**Table 5.37. Top Ten Goods Imported to ASEAN from USA by 2-digit HS Code, 2017-2018**

| 2017                  |   |                     |           | 2018                  |   |                     |           |
|-----------------------|---|---------------------|-----------|-----------------------|---|---------------------|-----------|
| HS                    | Commodities   | Value <sup>1)</sup> | Share (%) | 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 | 20,114.3            | 22.0      | 84                    | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,254.1            | 20.7      |
| 84                    | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 17,345.8            | 19.0      | 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 | 19,960.2            | 19.4      |
| 88                    | Aircraft, spacecraft and parts thereof  | 7,817.6             | 8.6       | 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   | 5,952.3             | 6.5       | 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  | 3,772.3             | 4.1       | 27                    | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 5,683.2             | 5.5       |
| 39                    | Plastics and articles thereof   | 3,109.9             | 3.4       | 39                    | Plastics and articles thereof   | 3,889.8             | 3.8       |
| 38                    | Chemical products n.e.c.  | 2,653.8             | 2.9       | 23                    | Food industries, residues and wastes thereof; prepared animal fodder  | 3,096.8             | 3.0       |
| 23                    | Food industries, residues and wastes thereof; prepared animal fodder  | 2,238.7             | 2.5       | 52                    | Cotton  | 2,617.8             | 2.5       |
| 12                    | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,172.4             | 2.4       | 38                    | Chemical products n.e.c.  | 2,586.0             | 2.5       |
| 52                    | Cotton  | 2,068.9             | 2.3       | 12                    | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,509.5             | 2.4       |
| Ten Major Commodities |   | 67,245.8            | 73.6      | Ten Major Commodities |   | 76,557.5            | 74.5      |
| Others                |   | 24,107.0            | 26.4      | Others                |   | 26,182.2            | 25.5      |
| Total                 |   | 91,352.8            | 100.0     | Total                 |   | 102,739.6           | 100.0     |

Source:  
ASEAN Secretariat

Note:  
1) Value is in US\$ million

**Table 5.38. Top Ten Intra-ASEAN Trade in Goods, 2018**

| Exports |   |                       |                                       |              | Imports |   |                            |                                       |              |
|---------|---|-----------------------|---------------------------------------|--------------|---------|---|----------------------------|---------------------------------------|--------------|
| HS      | Commodities   | To ASEAN<br>(US\$ mn) | Total<br>ASEAN<br>Export<br>(US\$ mn) | Share<br>(%) | HS      | Commodities   | From<br>ASEAN<br>(US\$ mn) | Total<br>ASEAN<br>Import<br>(US\$ mn) | Share<br>(%) |
| 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 | 77,958.1              | 377,595.5                             | 20.6         | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 74,353.1                   | 223,812.7                             | 33.2         |
| 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 70,488.9              | 161,037.7                             | 43.8         | 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                   | 321,586.2                             | 20.7         |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 38,290.3              | 152,651.3                             | 25.1         | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 29,031.3                   | 166,653.4                             | 17.4         |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,703.6              | 46,988.9                              | 33.4         | 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 15,991.6                   | 45,610.0                              | 35.1         |
| 39      | Plastics and articles thereof   | 14,963.8              | 47,375.4                              | 31.6         | 39      | Plastics and articles thereof   | 12,762.0                   | 55,685.6                              | 22.9         |
| 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 13,764.4              | 40,981.3                              | 33.6         | 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 7,244.3                    | 40,932.8                              | 17.7         |
| 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,792.2               | 44,237.6                              | 15.4         | 29      | Organic chemicals   | 6,412.2                    | 28,339.5                              | 22.6         |
| 29      | Organic chemicals   | 6,738.8               | 31,901.3                              | 21.1         | 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,302.5                    | 36,467.2                              | 14.5         |
| 72      | Iron and steel  | 5,714.2               | 17,555.3                              | 32.5         | 72      | Iron and steel  | 4,469.3                    | 49,250.6                              | 9.1          |
| 73      | Iron or steel articles  | 4,893.8               | 14,230.8                              | 34.4         | 15      | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,110.7                    | 5,458.3                               | 75.3         |
|         | <b>Top Ten Exports</b>  | <b>255,308.1</b>      | <b>934,555.1</b>                      | <b>27.3</b>  |         | <b>Top Ten Imports</b>  | <b>226,217.5</b>           | <b>973,796.3</b>                      | <b>23.2</b>  |
|         | <b>Others</b>   | <b>91,153.9</b>       | <b>501,859.9</b>                      | <b>18.2</b>  |         | <b>Others</b>   | <b>78,049.7</b>            | <b>415,052.0</b>                      | <b>18.8</b>  |
|         | <b>Total Exports</b>  | <b>346,462.0</b>      | <b>1,436,415.0</b>                    | <b>24.1</b>  |         | <b>Total Imports</b>  | <b>304,267.2</b>           | <b>1,388,848.3</b>                    | <b>21.9</b>  |

Source:  
ASEAN Secretariat

**Table 5.39. Top Ten Traded Goods between Australia and ASEAN, 2018**

| Exports |   |                        |                              |            | Imports |   |                          |                              |            |
|---------|---|------------------------|------------------------------|------------|---------|---|--------------------------|------------------------------|------------|
| HS      | Commodities   | To Australia (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%)  | HS      | Commodities   | From Australia (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%)  |
| 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 11,746.7               | 161,037.7                    | 7.3        | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 5,737.0                  | 223,812.7                    | 2.6        |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,308.6                | 46,988.9                     | 13.4       | 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin | 2,553.6                  | 40,932.8                     | 6.2        |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 3,859.4                | 152,651.3                    | 2.5        | 10      | Cereals   | 2,421.1                  | 13,277.8                     | 18.2       |
| 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 3,268.4                | 377,595.5                    | 0.9        | 26      | Ores, slag and ash  | 1,283.9                  | 6,042.4                      | 21.2       |
| 39      | Plastics and articles thereof   | 1,380.5                | 47,375.4                     | 2.9        | 02      | Meat and edible meat offal  | 979.8                    | 4,579.0                      | 21.4       |
| 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 862.2                  | 44,237.6                     | 1.9        | 74      | Copper and articles thereof   | 941.4                    | 13,665.0                     | 6.9        |
| 21      | Miscellaneous edible preparations   | 639.7                  | 10,678.2                     | 6.0        | 01      | Animals; live   | 828.3                    | 1,558.2                      | 53.2       |
| 73      | Iron or steel articles  | 622.1                  | 14,230.8                     | 4.4        | 76      | Aluminium and articles thereof  | 814.5                    | 15,821.0                     | 5.1        |
| 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 606.3                  | 40,981.3                     | 1.5        | 28      | Inorganic chemicals; organic and inorganic compounds of precious metals; of rare earth metals, of radio-active elements and of isotopes                     | 774.0                    | 10,065.3                     | 7.7        |
| 40      | Rubber and articles thereof   | 603.1                  | 35,890.6                     | 1.7        | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 603.9                    | 166,653.4                    | 0.4        |
|         | <b>Top Ten Exports</b>  | <b>29,896.9</b>        | <b>931,667.3</b>             | <b>3.2</b> |         | <b>Top Ten Imports</b>  | <b>16,937.5</b>          | <b>496,407.6</b>             | <b>3.4</b> |
|         | <b>Others</b>   | <b>9,313.7</b>         | <b>504,747.7</b>             | <b>1.8</b> |         | <b>Others</b>   | <b>10,021.2</b>          | <b>892,440.6</b>             | <b>1.1</b> |
|         | <b>Total Exports</b>  | <b>39,210.6</b>        | <b>1,436,415.0</b>           | <b>2.7</b> |         | <b>Total Imports</b>  | <b>26,958.7</b>          | <b>1,388,848.3</b>           | <b>1.9</b> |

Source:  
ASEAN Secretariat

**Table 5.40. Top Ten Traded Goods between Canada and ASEAN, 2018**

| Exports |  |                        |                                       |              | Imports |   |                             |                                       |              |
|---------|--|------------------------|---------------------------------------|--------------|---------|---|-----------------------------|---------------------------------------|--------------|
| HS      | Commodities  | To Canada<br>(US\$ mn) | Total<br>ASEAN<br>Export<br>(US\$ mn) | Share<br>(%) | HS      | Commodities   | From<br>Canada<br>(US\$ mn) | Total<br>ASEAN<br>Import<br>(US\$ mn) | Share<br>(%) |
| 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                | 377,595.5                             | 0.4          | 10      | Cereals   | 916.9                       | 13,277.8                              | 6.9          |
| 61      | Apparel and clothing accessories; knitted or crocheted   | 1,081.1                | 29,286.1                              | 3.7          | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 835.7                       | 166,653.4                             | 0.5          |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 851.1                  | 152,651.3                             | 0.6          | 31      | Fertilizers   | 830.3                       | 7,155.7                               | 11.6         |
| 62      | Apparel and clothing accessories; not knitted or crocheted   | 572.5                  | 25,629.5                              | 2.2          | 47      | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard  | 697.0                       | 4,108.7                               | 17.0         |
| 64      | Footwear; gaiters and the like; parts of such articles   | 496.7                  | 24,799.8                              | 2.0          | 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 449.6                       | 40,932.8                              | 1.1          |
| 40      | Rubber and articles thereof  | 433.0                  | 35,890.6                              | 1.2          | 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 366.9                       | 321,586.2                             | 0.1          |
| 16      | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof   | 313.9                  | 10,681.9                              | 2.9          | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 341.2                       | 223,812.7                             | 0.2          |
| 94      | Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, n.e.c.; illuminated signs, illuminated name-plates and the like; prefabricated buildings | 302.1                  | 14,184.3                              | 2.1          | 88      | Aircraft, spacecraft and parts thereof  | 282.3                       | 23,369.8                              | 1.2          |
| 3       | Fish and crustaceans, molluscs and other aquatic invertebrates   | 242.3                  | 13,564.1                              | 1.8          | 44      | Wood and articles of wood; wood charcoal  | 254.4                       | 5,324.0                               | 4.8          |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof   | 204.0                  | 46,988.9                              | 0.4          | 12      | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 193.8                       | 4,700.0                               | 4.1          |
|         | <b>Top Ten Exports</b>   | <b>6,061.7</b>         | <b>731,271.9</b>                      | <b>0.8</b>   |         | <b>Top Ten Imports</b>  | <b>5,168.2</b>              | <b>810,921.2</b>                      | <b>0.6</b>   |
|         | <b>Others</b>  | <b>2,679.6</b>         | <b>705,143.0</b>                      | <b>0.4</b>   |         | <b>Others</b>   | <b>1,834.6</b>              | <b>577,927.1</b>                      | <b>0.3</b>   |
|         | <b>Total Exports</b>   | <b>8,741.3</b>         | <b>1,436,415.0</b>                    | <b>0.6</b>   |         | <b>Total Imports</b>  | <b>7,002.8</b>              | <b>1,388,848.3</b>                    | <b>0.5</b>   |

Source:  
ASEAN Secretariat

**Table 5.41. Top Ten Traded Goods between China and ASEAN, 2018**

| Exports         |   |                    |                              |           | Imports         |   |                      |                              |           |
|-----------------|---|--------------------|------------------------------|-----------|-----------------|---|----------------------|------------------------------|-----------|
| HS              | Commodities   | To China (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%) | HS              | Commodities   | From China (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%) |
| 85              | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 54,039.7           | 377,595.5                    | 14.3      | 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 | 85,521.3             | 321,586.2                    | 26.6      |
| 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 22,618.9           | 161,037.7                    | 14.0      | 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 47,605.2             | 166,653.4                    | 28.6      |
| 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 15,072.5           | 152,651.3                    | 9.9       | 72              | Iron and steel  | 14,922.0             | 49,250.6                     | 30.3      |
| 39              | Plastics and articles thereof   | 12,497.6           | 47,375.4                     | 26.4      | 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 13,660.6             | 223,812.7                    | 6.1       |
| 29              | Organic chemicals   | 9,023.6            | 31,901.3                     | 28.3      | 39              | Plastics and articles thereof   | 10,853.8             | 55,685.6                     | 19.5      |
| 40              | Rubber and articles thereof   | 8,943.6            | 35,890.6                     | 24.9      | 73              | Iron or steel articles  | 9,792.3              | 24,107.1                     | 40.6      |
| 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 8,358.1            | 44,237.6                     | 18.9      | 29              | Organic chemicals   | 5,894.7              | 28,339.5                     | 20.8      |
| 8               | Fruit and nuts, edible; peel of citrus fruit or melons  | 4,795.0            | 12,275.6                     | 39.1      | 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,447.5              | 36,467.2                     | 14.9      |
| 15              | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 4,594.1            | 34,697.1                     | 13.2      | 60              | Fabrics; knitted or crocheted   | 5,352.8              | 10,333.4                     | 51.8      |
| 26              | Ores, slag and ash  | 4,365.4            | 8,830.5                      | 49.4      | 87              | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 5,262.4              | 45,610.0                     | 11.5      |
| Top Ten Exports |   | 144,308.6          | 906,492.6                    | 15.9      | Top Ten Imports |   | 204,312.6            | 961,845.7                    | 21.2      |
| Others          |   | 54,647.1           | 529,922.4                    | 10.3      | Others          |   | 80,496.4             | 427,002.6                    | 18.9      |
| Total Exports   |   | 198,955.7          | 1,436,415.0                  | 13.9      | Total Imports   |   | 284,809.0            | 1,388,848.3                  | 20.5      |

Source:  
ASEAN Secretariat

**Table 5.42. Top Ten Traded Goods between EU-28 and ASEAN, 2018**

| Exports |   |                       |                                       |              | Imports |   |                         |                                       |              |
|---------|---|-----------------------|---------------------------------------|--------------|---------|---|-------------------------|---------------------------------------|--------------|
| HS      | Commodities   | To EU-28<br>(US\$ mn) | Total<br>ASEAN<br>Export<br>(US\$ mn) | Share<br>(%) | HS      | Commodities   | From EU-28<br>(US\$ mn) | Total<br>ASEAN<br>Import<br>(US\$ mn) | Share<br>(%) |
| 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 | 46,693.5              | 377,595.5                             | 12.4         | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 24,506.5                | 166,653.4                             | 14.7         |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,198.0              | 152,651.3                             | 13.9         | 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 | 19,795.5                | 321,586.2                             | 6.2          |
| 64      | Footwear; gaiters and the like; parts of such articles  | 7,483.4               | 24,799.8                              | 30.2         | 88      | Aircraft, spacecraft and parts thereof  | 11,066.1                | 23,369.8                              | 47.4         |
| 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,690.5               | 44,237.6                              | 15.1         | 30      | Pharmaceutical products   | 6,425.8                 | 13,053.5                              | 49.2         |
| 15      | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 6,327.9               | 34,697.1                              | 18.2         | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,300.4                 | 223,812.7                             | 2.8          |
| 61      | Apparel and clothing accessories; knitted or crocheted  | 6,119.7               | 29,286.1                              | 20.9         | 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 6,227.4                 | 45,610.0                              | 13.7         |
| 29      | Organic chemicals   | 5,522.9               | 31,901.3                              | 17.3         | 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,009.1                 | 36,467.2                              | 16.5         |
| 62      | Apparel and clothing accessories; not knitted or crocheted  | 4,858.6               | 25,629.5                              | 19.0         | 33      | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 3,705.4                 | 10,659.5                              | 34.8         |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 4,773.1               | 46,988.9                              | 10.2         | 39      | Plastics and articles thereof   | 3,137.8                 | 55,685.6                              | 5.6          |
| 40      | Rubber and articles thereof   | 4,630.3               | 35,890.6                              | 12.9         | 22      | Beverages, spirits and vinegar  | 2,935.2                 | 5,847.9                               | 50.2         |
|         | <b>Top Ten Exports</b>  | <b>114,297.9</b>      | <b>803,677.7</b>                      | <b>14.2</b>  |         | <b>Top Ten Imports</b>  | <b>90,109.2</b>         | <b>902,745.8</b>                      | <b>10.0</b>  |
|         | <b>Others</b>   | <b>46,638.6</b>       | <b>632,737.3</b>                      | <b>7.4</b>   |         | <b>Others</b>   | <b>37,179.6</b>         | <b>486,102.5</b>                      | <b>7.6</b>   |
|         | <b>Total Exports</b>  | <b>160,936.5</b>      | <b>1,436,415.0</b>                    | <b>11.2</b>  |         | <b>Total Imports</b>  | <b>127,288.8</b>        | <b>1,388,848.3</b>                    | <b>9.2</b>   |

Source:  
ASEAN Secretariat



**Table 5.43. Top Ten Traded Goods between India and ASEAN, 2018**

| Exports         |   |                    |                              |           | Imports         |   |                      |                              |           |
|-----------------|---|--------------------|------------------------------|-----------|-----------------|---|----------------------|------------------------------|-----------|
| HS              | Commodities   | To India (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%) | HS              | Commodities   | From India (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%) |
| 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,942.0            | 161,037.7                    | 5.6       | 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 6,993.7              | 223,812.7                    | 3.1       |
| 85              | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 8,817.9            | 377,595.5                    | 2.3       | 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 2,531.9              | 166,653.4                    | 1.5       |
| 15              | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 5,181.9            | 34,697.1                     | 14.9      | 29              | Organic chemicals   | 2,211.8              | 28,339.5                     | 7.8       |
| 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 4,669.1            | 152,651.3                    | 3.1       | 71              | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,786.0              | 40,932.8                     | 4.4       |
| 29              | Organic chemicals   | 2,651.5            | 31,901.3                     | 8.3       | 72              | Iron and steel  | 1,559.1              | 49,250.6                     | 3.2       |
| 39              | Plastics and articles thereof   | 2,360.9            | 47,375.4                     | 5.0       | 87              | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,420.4              | 45,610.0                     | 3.1       |
| 74              | Copper and articles thereof   | 1,549.7            | 12,353.9                     | 12.5      | 85              | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,217.7              | 321,586.2                    | 0.4       |
| 72              | Iron and steel  | 1,436.5            | 17,555.3                     | 8.2       | 30              | Pharmaceutical products   | 1,052.3              | 13,053.5                     | 8.1       |
| 40              | Rubber and articles thereof   | 1,387.3            | 35,890.6                     | 3.9       | 2               | Meat and edible meat offal  | 944.5                | 4,579.0                      | 20.6      |
| 71              | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 1,206.6            | 40,981.3                     | 2.9       | 52              | Cotton  | 944.5                | 9,659.2                      | 9.8       |
| Top Ten Exports |   | 38,203.2           | 912,039.5                    | 4.2       | Top Ten Imports |   | 20,661.9             | 903,477.0                    | 2.3       |
| Others          |   | 12,533.8           | 524,375.4                    | 2.4       | Others          |   | 9,667.7              | 485,371.3                    | 2.0       |
| Total Exports   |   | 50,737.1           | 1,436,415.0                  | 3.5       | Total Imports   |   | 30,329.6             | 1,388,848.3                  | 2.2       |

Source:  
ASEAN Secretariat

**Table 5.44. Top Ten Traded Goods between Japan and ASEAN, 2018**

| Exports |   |                    |                              |            | Imports |   |                      |                              |            |
|---------|---|--------------------|------------------------------|------------|---------|---|----------------------|------------------------------|------------|
| HS      | Commodities   | To Japan (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%)  | HS      | Commodities   | From Japan (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%)  |
| 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 27,053.2           | 377,595.5                    | 7.2        | 85      | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 27,053.2             | 321,586.2                    | 8.4        |
| 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,312.2            | 161,037.7                    | 1.4        | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 22,780.6             | 166,653.4                    | 13.7       |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 22,780.6           | 152,651.3                    | 14.9       | 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 12,019.6             | 45,610.0                     | 26.4       |
| 39      | Plastics and articles thereof   | 5,798.0            | 47,375.4                     | 12.2       | 72      | Iron and steel  | 9,996.9              | 49,250.6                     | 20.3       |
| 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,508.4            | 44,237.6                     | 10.2       | 39      | Plastics and articles thereof   | 5,798.0              | 55,685.6                     | 10.4       |
| 62      | Apparel and clothing accessories; not knitted or crocheted  | 46.7               | 25,629.5                     | 0.2        | 90      | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 4,508.4              | 36,467.2                     | 12.4       |
| 61      | Apparel and clothing accessories; knitted or crocheted  | 55.4               | 29,286.1                     | 0.2        | 73      | Iron or steel articles  | 3,968.5              | 24,107.1                     | 16.5       |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 12,019.6           | 46,988.9                     | 25.6       | 71      | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 3,850.3              | 40,932.8                     | 9.4        |
| 44      | Wood and articles of wood; wood charcoal  | 122.0              | 14,791.0                     | 0.8        | 74      | Copper and articles thereof   | 2,467.3              | 13,665.0                     | 18.1       |
| 16      | Meat, fish or crustaceans, molluscs or other aquatic invertebrates; preparations thereof  | 30.4               | 10,681.9                     | 0.3        | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 2,312.2              | 223,812.7                    | 1.0        |
|         | <b>Top Ten Exports</b>  | <b>74,726.5</b>    | <b>910,274.8</b>             | <b>8.2</b> |         | <b>Top Ten Imports</b>  | <b>94,755.0</b>      | <b>977,770.6</b>             | <b>9.7</b> |
|         | <b>Others</b>   | <b>40,107.1</b>    | <b>526,140.1</b>             | <b>7.6</b> |         | <b>Others</b>   | <b>22,126.9</b>      | <b>411,077.7</b>             | <b>5.4</b> |
|         | <b>Total Exports</b>  | <b>114,833.5</b>   | <b>1,436,415.0</b>           | <b>8.0</b> |         | <b>Total Imports</b>  | <b>116,881.9</b>     | <b>1,388,848.3</b>           | <b>8.4</b> |

Source:  
ASEAN Secretariat

**Table 5.45. Top Ten Traded Goods between Republic of Korea (ROK) and ASEAN, 2018**

| Exports         |   |                     |                                       |              | Imports         |   |                       |                                       |              |
|-----------------|---|---------------------|---------------------------------------|--------------|-----------------|---|-----------------------|---------------------------------------|--------------|
| HS              | Commodities   | To ROK<br>(US\$ mn) | Total<br>ASEAN<br>Export<br>(US\$ mn) | Share<br>(%) | HS              | Commodities   | From ROK<br>(US\$ mn) | Total<br>ASEAN<br>Import<br>(US\$ mn) | Share<br>(%) |
| 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            | 377,595.5                             | 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 | 43,553.4              | 321,586.2                             | 13.5         |
| 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,158.6             | 161,037.7                             | 5.1          | 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 10,521.5              | 223,812.7                             | 4.7          |
| 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 5,333.4             | 152,651.3                             | 3.5          | 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 7,326.7               | 166,653.4                             | 4.4          |
| 62              | Apparel and clothing accessories; not knitted or crocheted  | 2,784.1             | 25,629.5                              | 10.9         | 39              | Plastics and articles thereof   | 6,033.7               | 55,685.6                              | 10.8         |
| 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 2,645.8             | 44,237.6                              | 6.0          | 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 5,009.7               | 36,467.2                              | 13.7         |
| 33              | Essential oils and resinoids; perfumery, cosmetic or toilet preparations  | 1,803.6             | 12,027.7                              | 15.0         | 72              | Iron and steel  | 4,663.0               | 49,250.6                              | 9.5          |
| 44              | Wood and articles of wood; wood charcoal  | 1,700.0             | 14,791.0                              | 11.5         | 87              | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 1,847.2               | 45,610.0                              | 4.0          |
| 72              | Iron and steel  | 1,444.3             | 17,555.3                              | 8.2          | 40              | Rubber and articles thereof   | 1,587.6               | 13,294.1                              | 11.9         |
| 61              | Apparel and clothing accessories; knitted or crocheted  | 1,391.7             | 29,286.1                              | 4.8          | 60              | Fabrics; knitted or crocheted   | 1,525.5               | 10,333.4                              | 14.8         |
| 38              | Chemical products n.e.c.  | 1,179.7             | 17,678.1                              | 6.7          | 29              | Organic chemicals   | 1,523.4               | 28,339.5                              | 5.4          |
| Top Ten Exports |   | 44,057.8            | 852,489.8                             | 5.2          | Top Ten Imports |   | 83,591.7              | 951,032.7                             | 8.8          |
| Others          |   | 16,431.8            | 583,925.2                             | 2.8          | Others          |   | 17,433.3              | 437,815.6                             | 4.0          |
| Total Exports   |   | 60,489.6            | 1,436,415.0                           | 4.2          | Total Imports   |   | 101,025.0             | 1,388,848.3                           | 7.3          |

Source:  
ASEAN Secretariat

**Table 5.46. Top Ten Traded Goods between New Zealand and ASEAN, 2018**

| Exports |   |                          |                              |            | Imports |  |                            |                              |            |
|---------|---|--------------------------|------------------------------|------------|---------|--|----------------------------|------------------------------|------------|
| HS      | Commodities   | To New Zealand (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%)  | HS      | Commodities  | From New Zealand (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%)  |
| 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 1,390.6                  | 161,037.7                    | 0.9        | 4       | Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included | 2,069.7                    | 5,537.0                      | 37.4       |
| 87      | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 918.0                    | 46,988.9                     | 2.0        | 47      | Pulp of wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard               | 234.3                      | 4,108.7                      | 5.7        |
| 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 854.8                    | 152,651.3                    | 0.6        | 2       | Meat and edible meat offal   | 207.6                      | 4,579.0                      | 4.5        |
| 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 | 533.7                    | 377,595.5                    | 0.1        | 44      | Wood and articles of wood; wood charcoal   | 200.6                      | 5,324.0                      | 3.8        |
| 39      | Plastics and articles thereof   | 282.4                    | 47,375.4                     | 0.6        | 27      | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes             | 180.8                      | 223,812.7                    | 0.1        |
| 23      | Food industries, residues and wastes thereof; prepared animal fodder  | 247.7                    | 4,136.8                      | 6.0        | 8       | Fruit and nuts, edible; peel of citrus fruit or melons   | 164.4                      | 7,166.4                      | 2.3        |
| 88      | Aircraft, spacecraft and parts thereof  | 151.2                    | 12,109.3                     | 1.2        | 84      | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof                                    | 107.8                      | 166,653.4                    | 0.1        |
| 21      | Miscellaneous edible preparations   | 116.2                    | 10,678.2                     | 1.1        | 35      | Albuminoidal substances; modified starches; glues; enzymes   | 107.4                      | 2,632.4                      | 4.1        |
| 40      | Rubber and articles thereof   | 108.8                    | 35,890.6                     | 0.3        | 72      | Iron and steel   | 105.0                      | 49,250.6                     | 0.2        |
| 48      | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 100.2                    | 9,699.1                      | 1.0        | 21      | Miscellaneous edible preparations  | 87.4                       | 6,285.4                      | 1.4        |
|         | <b>Top Ten Exports</b>  | <b>4,703.7</b>           | <b>858,163.0</b>             | <b>0.5</b> |         | <b>Top Ten Imports</b>   | <b>3,464.8</b>             | <b>475,349.7</b>             | <b>0.7</b> |
|         | <b>Others</b>   | <b>1,389.8</b>           | <b>578,252.0</b>             | <b>0.2</b> |         | <b>Others</b>  | <b>763.8</b>               | <b>913,498.6</b>             | <b>0.1</b> |
|         | <b>Total Exports</b>  | <b>6,093.5</b>           | <b>1,436,415.0</b>           | <b>0.4</b> |         | <b>Total Imports</b>   | <b>4,228.6</b>             | <b>1,388,848.3</b>           | <b>0.3</b> |

Source:  
ASEAN Secretariat

**Table 5.47. Top Ten Traded Goods between Russian Federation and ASEAN, 2018**

| Exports         |   |                     |                              |           | Imports         |   |                       |                              |           |
|-----------------|---|---------------------|------------------------------|-----------|-----------------|---|-----------------------|------------------------------|-----------|
| HS              | Commodities   | To Russia (US\$ mn) | Total ASEAN Export (US\$ mn) | Share (%) | HS              | Commodities   | From Russia (US\$ mn) | Total ASEAN Import (US\$ mn) | Share (%) |
| 85              | Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles | 1,958.1             | 377,595.5                    | 0.5       | 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 8,493.0               | 223,812.7                    | 3.8       |
| 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 583.3               | 152,651.3                    | 0.4       | 72              | Iron and steel  | 2,079.1               | 49,250.6                     | 4.2       |
| 15              | Animal or vegetable fats and oils and their cleavage products; prepared animal fats; animal or vegetable waxes  | 490.7               | 34,697.1                     | 1.4       | 10              | Cereals   | 1,210.6               | 13,277.8                     | 9.1       |
| 87              | Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof  | 429.6               | 46,988.9                     | 0.9       | 31              | Fertilizers   | 791.6                 | 7,155.7                      | 11.1      |
| 40              | Rubber and articles thereof   | 275.2               | 35,890.6                     | 0.8       | 76              | Aluminium and articles thereof  | 225.3                 | 15,821.0                     | 1.4       |
| 9               | Coffee, tea, mate and spices  | 198.2               | 6,256.9                      | 3.2       | 3               | Fish and crustaceans, molluscs and other aquatic invertebrates  | 140.4                 | 6,921.7                      | 2.0       |
| 64              | Footwear; gaiters and the like; parts of such articles  | 187.7               | 24,799.8                     | 0.8       | 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 | 105.1                 | 321,586.2                    | 0.0       |
| 61              | Apparel and clothing accessories; knitted or crocheted  | 140.1               | 29,286.1                     | 0.5       | 71              | Natural, cultured pearls; precious, semi-precious stones; precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin                         | 104.1                 | 40,932.8                     | 0.3       |
| 62              | Apparel and clothing accessories; not knitted or crocheted  | 130.6               | 25,629.5                     | 0.5       | 40              | Rubber and articles thereof   | 96.7                  | 13,294.1                     | 0.7       |
| 3               | Fish and crustaceans, molluscs and other aquatic invertebrates  | 129.4               | 13,564.1                     | 1.0       | 48              | Paper and paperboard; articles of paper pulp, of paper or paperboard  | 94.3                  | 11,511.5                     | 0.8       |
| Top Ten Exports |   | 4,522.9             | 747,359.8                    | 0.6       | Top Ten Imports |   | 13,340.2              | 703,564.1                    | 1.9       |
| Others          |   | 1,436.6             | 689,055.2                    | 0.2       | Others          |   | 706.6                 | 685,284.2                    | 0.1       |
| Total Exports   |   | 5,959.5             | 1,436,415.0                  | 0.4       | Total Imports   |   | 14,046.8              | 1,388,848.3                  | 1.0       |

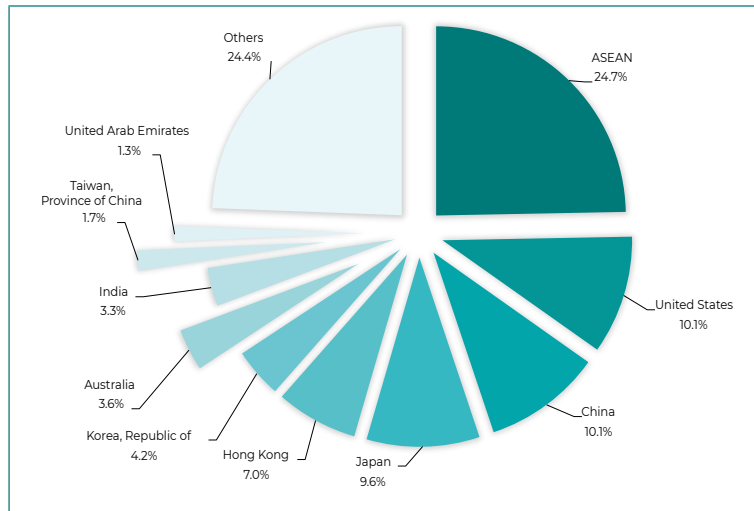
Source:  
ASEAN Secretariat

**Table 5.48. Top Ten Traded Goods between USA and ASEAN, 2018**

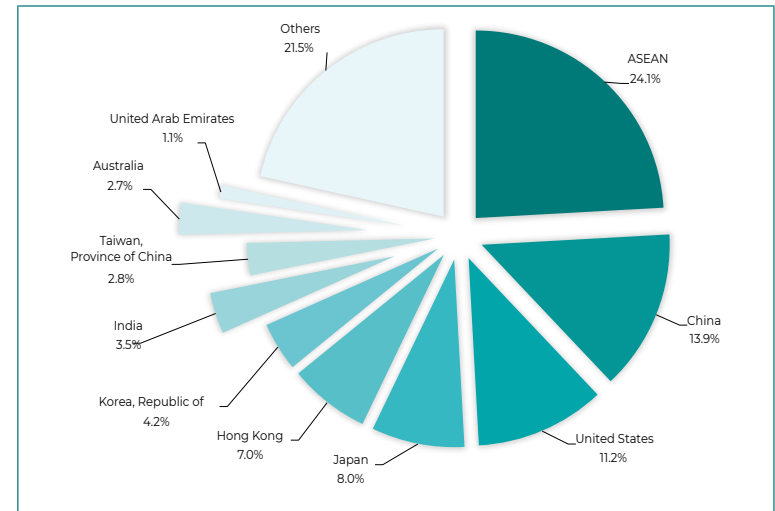
| Exports         |  |                     |                                       |              | Imports         |   |                       |                                       |              |
|-----------------|--|---------------------|---------------------------------------|--------------|-----------------|---|-----------------------|---------------------------------------|--------------|
| HS              | Commodities  | To USA<br>(US\$ mn) | Total<br>ASEAN<br>Export<br>(US\$ mn) | Share<br>(%) | HS              | Commodities   | From USA<br>(US\$ mn) | Total<br>ASEAN<br>Import<br>(US\$ mn) | Share<br>(%) |
| 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            | 377,595.5                             | 10.5         | 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof   | 21,254.1              | 166,653.4                             | 12.8         |
| 84              | Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof  | 23,372.5            | 152,651.3                             | 15.3         | 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 | 19,960.2              | 321,586.2                             | 6.2          |
| 61              | Apparel and clothing accessories; knitted or crocheted   | 13,514.6            | 29,286.1                              | 46.1         | 88              | Aircraft, spacecraft and parts thereof  | 8,939.2               | 23,369.8                              | 38.3         |
| 62              | Apparel and clothing accessories; not knitted or crocheted   | 8,856.9             | 25,629.5                              | 34.6         | 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories   | 6,021.0               | 36,467.2                              | 16.5         |
| 64              | Footwear; gaiters and the like; parts of such articles   | 7,633.7             | 24,799.8                              | 30.8         | 27              | Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes  | 5,683.2               | 223,812.7                             | 2.5          |
| 90              | Optical, photographic, cinematographic, measuring, checking, medical or surgical instruments and apparatus; parts and accessories  | 7,358.5             | 44,237.6                              | 16.6         | 39              | Plastics and articles thereof   | 3,889.8               | 55,685.6                              | 7.0          |
| 40              | Rubber and articles thereof  | 7,320.6             | 35,890.6                              | 20.4         | 23              | Food industries, residues and wastes thereof; prepared animal fodder  | 3,096.8               | 12,679.1                              | 24.4         |
| 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 | 5,997.0             | 14,184.3                              | 42.3         | 52              | Cotton  | 2,617.8               | 9,659.2                               | 27.1         |
| 21              | Miscellaneous edible preparations  | 3,374.6             | 10,678.2                              | 31.6         | 38              | Chemical products n.e.c.  | 2,586.0               | 19,704.3                              | 13.1         |
| 3               | Fish and crustaceans, molluscs and other aquatic invertebrates   | 2,681.8             | 13,564.1                              | 19.8         | 12              | Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder  | 2,509.5               | 4,700.0                               | 53.4         |
| Top Ten Exports |  | 119,736.4           | 728,516.9                             | 16.4         | Top Ten Imports |   | 76,557.5              | 874,317.5                             | 8.8          |
| Others          |  | 40,547.1            | 707,898.1                             | 5.7          | Others          |   | 26,182.2              | 514,530.8                             | 5.1          |
| Total Exports   |  | 160,283.5           | 1,436,415.0                           | 11.2         | Total Imports   |   | 102,739.6             | 1,388,848.3                           | 7.4          |

Source:  
ASEAN Secretariat

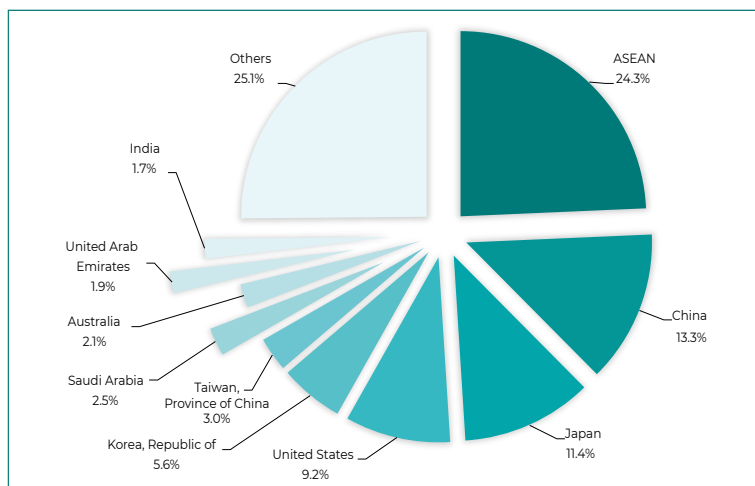
**Chart 5.11. ASEAN Markets of Exports of Goods, 2009**



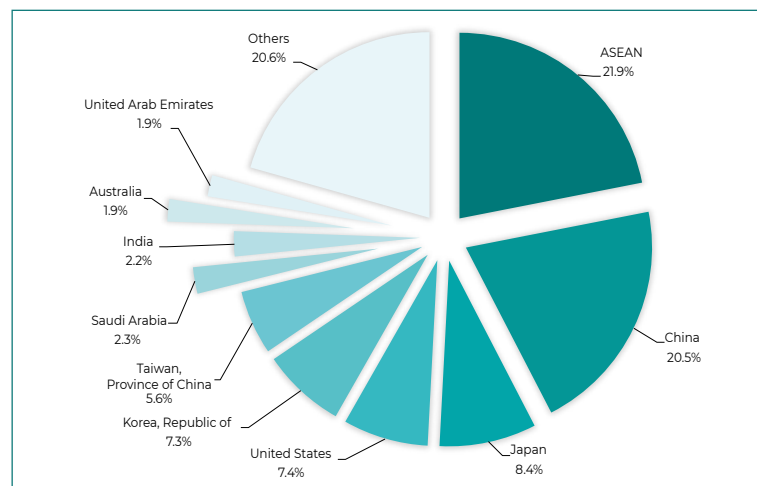
**Chart 5.12. ASEAN Markets of Exports of Goods, 2018**



**Chart 5.13. ASEAN Source of Imports of Goods, 2009**

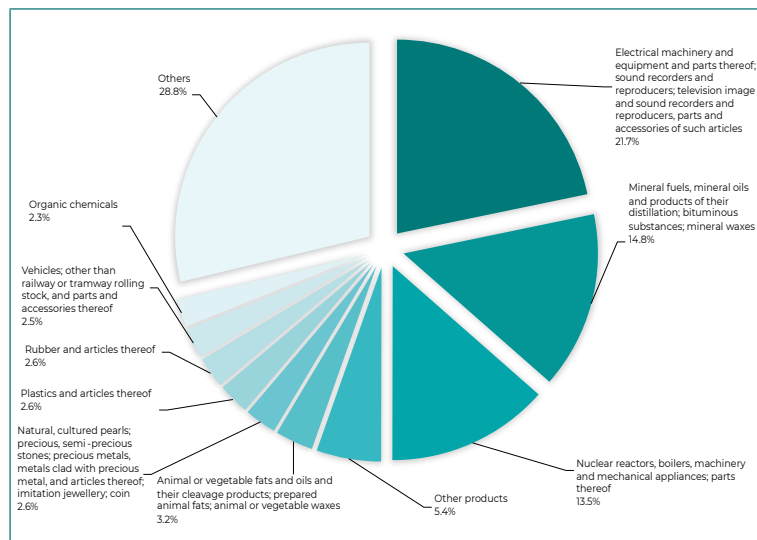


**Chart 5.14. ASEAN Source of Imports of Goods, 2018**

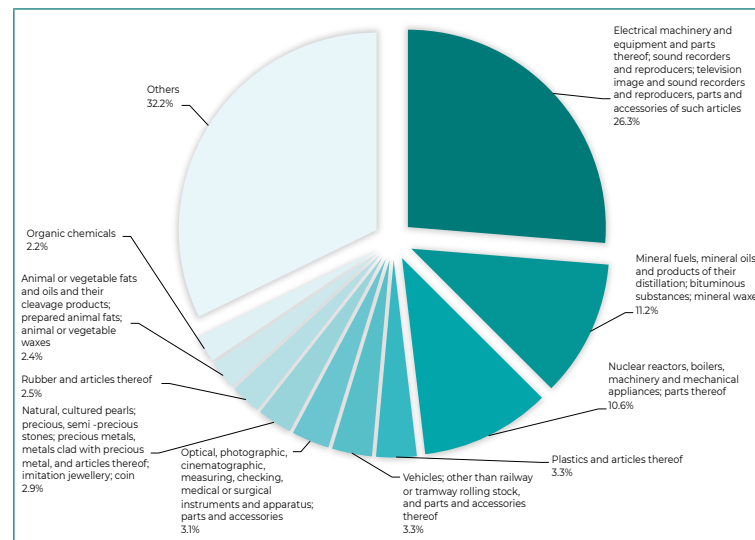




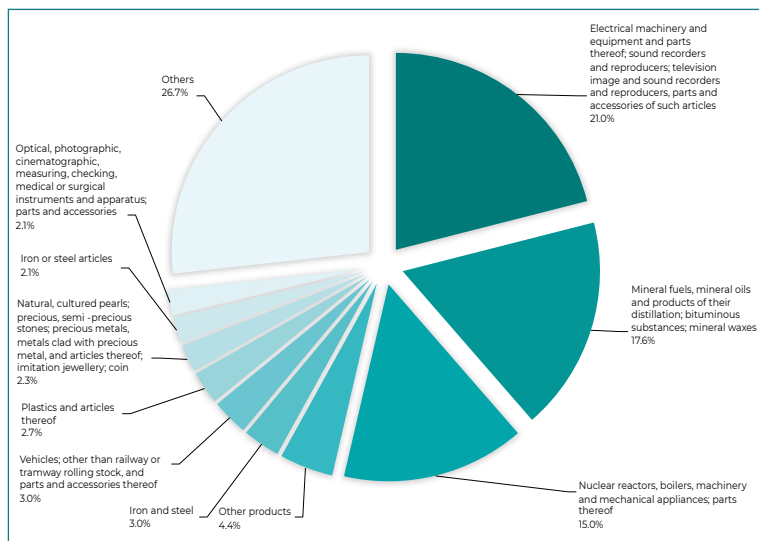
**Chart 5.15. Top Ten Exports of Commodities in ASEAN, 2009**



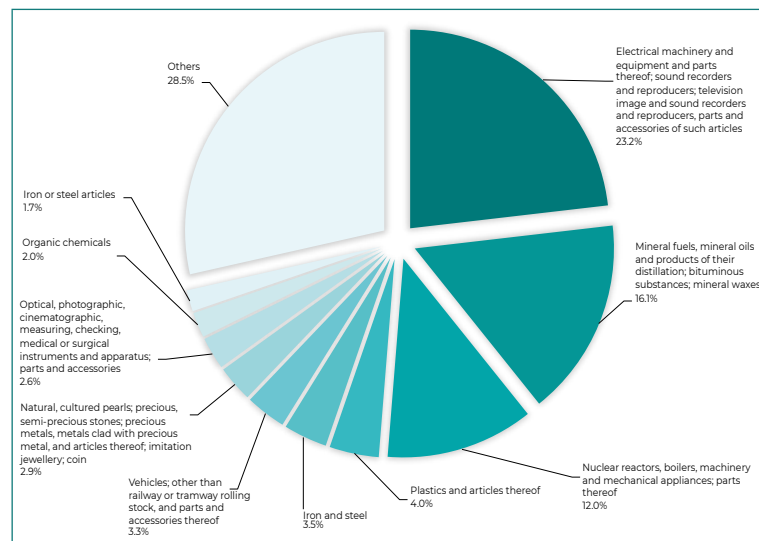
**Chart 5.16. Top Ten Exports of Commodities in ASEAN, 2018**



**Chart 5.17. Top Ten Imports of Goods in ASEAN, 2009**



**Chart 5.18. Top Ten Imports of Goods in ASEAN, 2018**





CHAPTER 6

# **Trade in Services**



**Table 6.1. ASEAN Exports of Services<sup>1)</sup> by ASEAN Member States, 2009-2018**

(in US\$ million)

| Host Country      | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 386.6            | 460.5            | 500.6            | 482.7            | 492.8            | 557.8            | 650.6            | 530.4            | 551.4            | 570.6            |
| Cambodia          | 1,811.9          | 2,028.5          | 2,730.1          | 3,192.1          | 3,493.7          | 3,810.8          | 3,954.7          | 4,032.9          | 4,608.2          | 5,451.2          |
| Indonesia         | 12,115.1         | 16,670.5         | 21,888.2         | 23,660.2         | 22,944.1         | 23,530.9         | 22,220.9         | 23,323.5         | 25,327.7         | 28,002.5         |
| Lao PDR           | 397.3            | 511.0            | 549.7            | 643.4            | 780.6            | 764.4            | 844.1            | 834.9            | 780.5            | 921.4            |
| Malaysia          | 28,013.6         | 33,822.8         | 38,879.3         | 40,629.4         | 41,981.1         | 41,967.3         | 34,847.1         | 35,579.8         | 37,066.0         | 40,164.5         |
| Myanmar           | 319.4            | 350.7            | 700.9            | 1,040.5          | 1,622.8          | 3,127.6          | 3,789.9          | 3,798.5          | 3,846.5          | 4,690.4          |
| Philippines       | 14,084.1         | 17,782.0         | 18,878.0         | 20,439.2         | 23,335.2         | 25,498.1         | 29,065.0         | 31,203.6         | 34,831.6         | 37,468.7         |
| Singapore         | 81,012.0         | 100,383.1        | 119,256.7        | 129,446.4        | 142,027.7        | 153,771.0        | 153,202.4        | 155,165.4        | 171,576.8        | 182,500.0        |
| Thailand          | 30,204.2         | 34,339.8         | 41,544.6         | 46,521.4         | 54,804.1         | 51,940.2         | 58,082.1         | 63,786.4         | 70,964.2         | 81,331.4         |
| Viet Nam          | 5,766.0          | 7,460.0          | 8,691.2          | 9,620.0          | 10,709.9         | 11,049.9         | 11,249.8         | 21,050.5         | 21,018.5         | 23,754.8         |
| <b>ASEAN</b>      | <b>174,110.2</b> | <b>213,808.9</b> | <b>253,619.2</b> | <b>275,675.3</b> | <b>302,191.9</b> | <b>316,018.0</b> | <b>317,906.8</b> | <b>339,305.9</b> | <b>370,571.5</b> | <b>404,855.6</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> by ASEAN Member States, 2009-2018**

(in US\$ million)

| Host Country      | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1,078.2          | 1,267.3          | 1,817.4          | 2,639.9          | 2,857.5          | 2,190.2          | 1,657.6          | 1,645.3          | 1,248.1          | 1,578.5          |
| Cambodia          | 842.5            | 1,084.3          | 1,387.9          | 1,591.8          | 1,790.6          | 2,083.8          | 2,242.4          | 2,430.5          | 2,744.9          | 3,044.1          |
| Indonesia         | 23,298.0         | 26,461.0         | 31,691.4         | 34,224.4         | 35,014.6         | 33,540.6         | 30,917.5         | 30,407.4         | 32,706.8         | 35,070.7         |
| Lao PDR           | 135.6            | 263.1            | 321.6            | 738.6            | 1,057.1          | 1,150.1          | 1,078.5          | 1,022.4          | 1,116.4          | 1,154.1          |
| Malaysia          | 26,830.4         | 31,833.5         | 38,402.9         | 43,398.3         | 45,016.1         | 45,232.3         | 40,129.8         | 40,140.1         | 42,382.0         | 44,557.5         |
| Myanmar           | 536.9            | 729.2            | 1,100.0          | 1,322.8          | 1,475.0          | 2,198.7          | 2,398.4          | 2,518.8          | 2,882.6          | 3,456.6          |
| Philippines       | 9,186.2          | 12,017.0         | 12,318.0         | 14,259.5         | 16,320.4         | 20,921.6         | 23,610.2         | 24,160.5         | 26,138.5         | 26,975.8         |
| Singapore         | 83,279.9         | 100,518.8        | 117,827.2        | 132,909.6        | 149,712.9        | 166,662.1        | 161,696.0        | 157,604.8        | 179,445.2        | 184,145.1        |
| Thailand          | 34,429.6         | 41,333.3         | 46,097.4         | 45,671.4         | 47,402.8         | 45,247.3         | 42,518.3         | 43,511.4         | 46,668.3         | 55,173.6         |
| Viet Nam          | 8,170.6          | 9,902.0          | 11,836.0         | 11,022.0         | 13,820.0         | 15,000.0         | 16,015.0         | 16,766.2         | 17,109.4         | 18,611.0         |
| <b>ASEAN</b>      | <b>187,787.9</b> | <b>225,409.5</b> | <b>262,799.8</b> | <b>287,778.4</b> | <b>314,466.9</b> | <b>334,226.7</b> | <b>322,263.7</b> | <b>320,207.4</b> | <b>352,442.3</b> | <b>373,767.1</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, 2009-2018**

(in US\$ million)

| Service Heading   | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | -929.1           | 2,509.3          | 3,917.4          | 3,193.7          | 3,009.5          | 3,302.3          | 2,907.5          | 14,361.9         | 14,854.0         | 17,649.0         |
| Maintenance and repair n.i.e.                             | 6,659.8          | 6,728.1          | 7,870.6          | 7,720.1          | 9,121.6          | 8,403.5          | 7,661.4          | 7,369.3          | 6,857.7          | 7,682.7          |
| Transport   | 46,424.9         | 56,351.9         | 61,463.2         | 63,273.1         | 65,498.5         | 70,287.8         | 65,766.0         | 60,536.3         | 69,528.4         | 75,285.5         |
| Travel  | 53,611.9         | 68,086.9         | 84,586.4         | 92,577.8         | 103,805.3        | 104,521.6        | 104,961.5        | 112,923.1        | 126,080.3        | 138,846.7        |
| Construction  | 3,148.8          | 3,204.6          | 3,741.7          | 4,170.0          | 4,589.6          | 3,637.7          | 3,053.5          | 2,930.9          | 2,842.1          | 2,727.3          |
| Insurance and pension                                     | 2,047.1          | 2,997.5          | 3,216.8          | 3,808.4          | 3,816.6          | 4,116.5          | 4,537.3          | 5,031.8          | 5,289.8          | 6,010.5          |
| Financial   | 11,595.2         | 13,430.7         | 16,804.9         | 17,986.9         | 20,484.6         | 22,548.0         | 22,812.6         | 23,958.0         | 27,288.1         | 29,653.5         |
| Charges for the use of intellectual property n.i.e        | 1,819.8          | 2,151.2          | 2,975.1          | 3,149.8          | 3,645.2          | 4,141.6          | 8,914.9          | 7,548.9          | 8,491.9          | 9,261.6          |
| Telecommunications, computer, and information             | 8,243.9          | 9,869.4          | 12,689.9         | 14,823.3         | 16,007.5         | 16,584.1         | 17,419.9         | 22,110.2         | 23,296.2         | 24,669.5         |
| Other business  | 39,597.9         | 46,335.7         | 53,862.9         | 62,265.4         | 69,325.3         | 75,483.1         | 76,679.5         | 79,348.8         | 82,767.0         | 89,316.1         |
| Personal, cultural, and recreational                      | 569.3            | 694.4            | 912.7            | 1,027.9          | 1,089.9          | 1,311.5          | 1,405.7          | 1,373.1          | 1,412.7          | 1,681.8          |
| Government goods and services, n.i.e.                     | 1,320.8          | 1,449.1          | 1,577.5          | 1,678.3          | 1,798.2          | 1,680.2          | 1,786.9          | 1,813.7          | 1,863.2          | 2,071.3          |
| <b>TOTAL</b>  | <b>174,110.2</b> | <b>213,808.9</b> | <b>253,619.2</b> | <b>275,674.8</b> | <b>302,191.9</b> | <b>316,018.0</b> | <b>317,906.8</b> | <b>339,305.9</b> | <b>370,571.5</b> | <b>404,855.6</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, 2009-2018**

(in US\$ million)

| Service Heading   | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 2,248.7          | 3,325.4          | 3,601.3          | 4,324.2          | 5,248.2          | 6,313.3          | 6,217.7          | 5,864.7          | 6,016.3          | 6,633.9          |
| Maintenance and repair services n.i.e.                    | 1,102.3          | 1,050.8          | 1,249.4          | 1,713.9          | 2,045.8          | 1,981.5          | 2,202.0          | 2,459.9          | 2,061.4          | 2,230.4          |
| Transport   | 64,259.2         | 78,179.4         | 91,048.5         | 93,876.3         | 98,364.6         | 103,603.4        | 98,000.2         | 93,074.8         | 107,525.1        | 114,789.8        |
| Travel  | 37,344.3         | 46,598.4         | 52,101.6         | 58,577.0         | 62,647.1         | 67,929.8         | 66,285.8         | 68,773.3         | 73,355.9         | 79,050.0         |
| Construction  | 3,699.8          | 3,836.6          | 3,309.4          | 4,485.6          | 6,330.9          | 6,089.7          | 5,752.1          | 5,229.3          | 6,176.6          | 5,475.5          |
| Insurance and pension services                            | 6,152.6          | 9,024.9          | 10,187.6         | 10,879.3         | 11,247.4         | 10,422.3         | 10,177.5         | 11,154.4         | 11,178.3         | 12,483.4         |
| Financial Services  | 3,544.1          | 4,405.6          | 5,246.2          | 5,619.9          | 6,538.9          | 6,968.9          | 7,317.7          | 7,806.5          | 9,288.9          | 10,372.6         |
| Charges for the use of intellectual property n.i.e        | 18,838.6         | 23,563.8         | 27,443.4         | 30,655.4         | 31,826.9         | 29,572.7         | 27,983.1         | 23,969.1         | 24,296.5         | 25,540.2         |
| Telecommunications, computer, and information services    | 6,077.0          | 7,168.6          | 10,608.0         | 12,906.4         | 15,691.4         | 22,705.5         | 18,030.2         | 20,240.7         | 22,369.5         | 23,808.8         |
| Other business services                                   | 42,380.9         | 45,621.8         | 55,216.3         | 61,553.0         | 71,018.3         | 75,048.2         | 77,224.7         | 78,757.0         | 87,012.8         | 89,960.0         |
| Personal, cultural, and recreational services             | 797.9            | 917.1            | 1,086.4          | 1,400.7          | 1,689.0          | 1,804.8          | 1,626.8          | 1,402.0          | 1,547.0          | 1,731.9          |
| Government goods and services, n.i.e.                     | 1,342.5          | 1,717.0          | 1,701.7          | 1,786.6          | 1,818.4          | 1,786.7          | 1,445.9          | 1,475.6          | 1,614.1          | 1,690.6          |
| <b>TOTAL</b>  | <b>187,787.9</b> | <b>225,409.5</b> | <b>262,799.8</b> | <b>287,778.4</b> | <b>314,466.9</b> | <b>334,226.7</b> | <b>322,263.7</b> | <b>320,207.4</b> | <b>352,442.3</b> | <b>373,767.1</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Manufacturing services on physical inputs owned by others | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Maintenance and repair services n.i.e.                    | 0.1          | 0.1          | 1.1          | 1.2          | 0.1          | 0.3          | 0.4          | 0.5          | 0.5          | 0.0          |
| Transport   | 301.5        | 334.4        | 361.5        | 329.1        | 337.4        | 433.0        | 468.7        | 345.2        | 347.3        | 303.1        |
| Travel  | 45.5         | 68.3         | 80.4         | 91.7         | 95.7         | 78.8         | 147.3        | 144.1        | 177.3        | 190.2        |
| Construction  | 2.9          | 4.2          | 2.6          | 2.8          | 0.0          | 0.3          | 0.0          | 0.0          | 0.0          | 49.4         |
| Insurance and pension services                            | 2.1          | 3.1          | 0.0          | 0.0          | 3.0          | 2.0          | 1.6          | 2.9          | 1.6          | 1.0          |
| Financial Services  | 0.7          | 1.1          | 3.3          | 3.5          | 15.2         | 1.3          | 1.4          | 1.6          | 0.9          | 0.2          |
| Charges for the use of intellectual property n.i.e        | 0.5          | 0.7          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Telecommunications, computer, and information services    | 1.8          | 2.6          | 0.0          | 0.0          | 0.1          | 0.2          | 0.1          | 0.0          | 0.0          | 1.0          |
| Other business services                                   | 17.1         | 25.0         | 28.9         | 30.4         | 17.3         | 18.2         | 12.5         | 14.4         | 5.3          | 6.8          |
| Personal, cultural, and recreational services             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Government goods and services, n.i.e.                     | 14.4         | 21.0         | 22.8         | 24.0         | 24.0         | 23.7         | 18.6         | 21.7         | 18.5         | 18.9         |
| <b>TOTAL</b>  | <b>386.6</b> | <b>460.5</b> | <b>500.6</b> | <b>482.7</b> | <b>492.8</b> | <b>557.8</b> | <b>650.6</b> | <b>530.4</b> | <b>551.4</b> | <b>570.6</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 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.                    | 14.9           | 17.9           | 70.2           | 119.3          | 147.8          | 103.6          | 97.7           | 106.5          | 89.5           | 88.7           |
| Transport   | 155.3          | 164.6          | 194.7          | 243.5          | 453.0          | 363.0          | 233.2          | 213.3          | 259.7          | 226.0          |
| Travel  | 409.6          | 490.1          | 560.6          | 590.5          | 624.2          | 477.1          | 460.3          | 500.4          | 504.6          | 585.2          |
| Construction  | 193.9          | 231.4          | 59.2           | 100.7          | 263.9          | 260.7          | 124.9          | 26.2           | 26.8           | 118.8          |
| Insurance and pension services                            | 16.2           | 19.3           | 3.2            | 5.4            | 13.2           | 13.7           | 10.9           | 12.5           | 8.4            | 12.4           |
| Financial Services  | 1.7            | 2.0            | 0.0            | 0.1            | 78.0           | 30.7           | 0.7            | 43.7           | 35.2           | 10.6           |
| Charges for the use of intellectual property n.i.e        | 18.9           | 22.6           | 1.6            | 2.8            | 17.3           | 9.2            | 13.9           | 37.8           | 17.3           | 19.8           |
| Telecommunications, computer, and information services    | 37.9           | 45.3           | 27.0           | 45.9           | 82.8           | 129.3          | 100.0          | 53.6           | 39.8           | 64.6           |
| Other business services                                   | 205.2          | 244.8          | 881.1          | 1,497.9        | 1,145.3        | 771.3          | 586.8          | 619.2          | 231.7          | 422.0          |
| Personal, cultural, and recreational services             | 1.1            | 1.3            | 1.0            | 1.8            | 0.0            | 0.0            | 0.1            | 3.1            | 6.1            | 0.8            |
| Government goods and services, n.i.e.                     | 23.5           | 28.0           | 18.8           | 32.0           | 32.0           | 31.6           | 29.1           | 29.0           | 29.0           | 29.6           |
| <b>TOTAL</b>  | <b>1,078.2</b> | <b>1,267.3</b> | <b>1,817.4</b> | <b>2,639.9</b> | <b>2,857.5</b> | <b>2,190.2</b> | <b>1,657.6</b> | <b>1,645.3</b> | <b>1,248.1</b> | <b>1,578.5</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Transport   | 257.4          | 226.0          | 276.0          | 312.9          | 343.7          | 392.3          | 419.4          | 456.1          | 562.2          | 687.9          |
| Travel  | 1,335.9        | 1,518.7        | 2,083.8        | 2,462.8        | 2,660.4        | 2,953.0        | 3,137.0        | 3,212.3        | 3,639.3        | 4,361.8        |
| Construction  | 7.2            | 10.5           | 8.4            | 16.6           | 15.3           | 10.2           | 10.1           | 13.1           | 16.6           | 13.9           |
| Insurance and pension services                            | 6.6            | 1.0            | 5.4            | 1.4            | 0.6            | 0.5            | 0.2            | 0.4            | 1.6            | 3.1            |
| Financial Services  | 0.1            | 3.6            | 26.1           | 19.1           | 19.6           | 25.1           | 33.8           | 8.7            | 7.1            | 14.9           |
| Charges for the use of intellectual property n.i.e        | 0.0            | 0.3            | 1.0            | 3.8            | 2.4            | 2.7            | 0.6            | 1.5            | 1.0            | 2.4            |
| Telecommunications, computer, and information services    | 43.0           | 83.8           | 71.3           | 66.3           | 57.9           | 74.1           | 86.6           | 73.9           | 66.5           | 65.4           |
| Other business services                                   | 94.3           | 71.9           | 128.7          | 169.0          | 251.0          | 251.9          | 95.7           | 80.3           | 94.5           | 97.6           |
| Personal, cultural, and recreational services             | 2.0            | 1.5            | 2.0            | 2.5            | 3.0            | 3.6            | 0.5            | 1.2            | 1.8            | 1.7            |
| Government goods and services, n.i.e.                     | 65.4           | 111.2          | 127.5          | 137.8          | 139.7          | 97.4           | 170.8          | 185.5          | 217.7          | 202.5          |
| <b>TOTAL</b>  | <b>1,811.9</b> | <b>2,028.5</b> | <b>2,730.1</b> | <b>3,192.1</b> | <b>3,493.7</b> | <b>3,810.8</b> | <b>3,954.7</b> | <b>4,032.9</b> | <b>4,608.2</b> | <b>5,451.2</b> |

Source:  
ASEAN Secretariat

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

**Table 6.8. Cambodia Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -            | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Transport   | 486.6        | 604.3          | 746.3          | 841.6          | 982.3          | 1,105.7        | 1,206.9        | 1,298.1        | 1,440.9        | 1,485.8        |
| Travel  | 104.2        | 60.6           | 263.8          | 314.0          | 354.7          | 401.4          | 510.4          | 615.6          | 741.5          | 862.5          |
| Construction  | 79.9         | 141.0          | 140.7          | 156.5          | 134.2          | 124.6          | 118.8          | 137.8          | 156.3          | 155.8          |
| Insurance and pension services                            | 41.0         | 134.7          | 81.2           | 103.2          | 112.9          | 131.8          | 138.2          | 143.0          | 165.7          | 187.5          |
| Financial Services  | 5.5          | 21.1           | 3.9            | 5.5            | 29.3           | 8.6            | 3.1            | 8.2            | 3.5            | 4.5            |
| Charges for the use of intellectual property n.i.e        | 8.4          | 6.3            | 10.1           | 11.1           | 11.9           | 20.5           | 12.5           | 10.4           | 12.7           | 27.7           |
| Telecommunications, computer, and information services    | 37.7         | 46.6           | 43.9           | 46.0           | 51.6           | 118.8          | 133.8          | 113.0          | 104.5          | 167.1          |
| Other business services                                   | 53.3         | 41.9           | 67.4           | 74.3           | 79.3           | 136.7          | 83.1           | 69.4           | 84.5           | 128.1          |
| Personal, cultural, and recreational services             | 5.6          | 5.3            | 5.6            | 5.7            | 5.9            | 6.1            | 2.2            | 3.9            | 4.9            | 3.4            |
| Government goods and services, n.i.e.                     | 20.4         | 22.5           | 25.1           | 33.9           | 28.4           | 29.4           | 33.5           | 31.2           | 30.6           | 21.7           |
| <b>TOTAL</b>  | <b>842.5</b> | <b>1,084.3</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>2,744.9</b> | <b>3,044.1</b> |

Source:  
ASEAN Secretariat

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



**Table 6.9. Indonesia Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -1,151.4        | -216.0          | 1,081.2         | 396.7           | 430.1           | 425.0           | 355.6           | 350.5           | 354.2           | 381.9           |
| Maintenance and repair services n.i.e.                    | 72.3            | 65.2            | 72.6            | 114.0           | 126.6           | 100.5           | 283.5           | 410.8           | 169.4           | 247.6           |
| Transport   | 2,439.0         | 2,665.4         | 3,456.2         | 3,822.3         | 3,610.6         | 3,791.0         | 3,456.2         | 3,571.9         | 3,472.1         | 3,597.9         |
| Travel  | 5,597.9         | 6,957.9         | 7,996.7         | 8,323.6         | 9,119.2         | 10,261.1        | 10,761.0        | 11,205.7        | 13,139.4        | 14,109.7        |
| Construction  | 585.5           | 520.1           | 551.3           | 862.7           | 848.5           | 711.7           | 378.7           | 225.7           | 369.0           | 405.1           |
| Insurance and pension services                            | 20.7            | 22.2            | 23.3            | 24.1            | 24.9            | 25.7            | 54.2            | 80.2            | 82.7            | 85.7            |
| Financial Services  | 216.9           | 387.7           | 450.9           | 225.4           | 254.1           | 222.9           | 247.7           | 336.0           | 639.8           | 659.5           |
| Charges for the use of intellectual property n.i.e        | 38.1            | 59.6            | 78.8            | 58.1            | 52.0            | 59.6            | 52.1            | 46.7            | 49.8            | 61.2            |
| Telecommunications, computer, and information services    | 1,156.6         | 1,239.7         | 1,657.7         | 1,293.8         | 1,040.7         | 1,139.9         | 971.1           | 970.4           | 996.7           | 1,300.6         |
| Other business services                                   | 2,527.2         | 4,309.4         | 5,788.6         | 7,739.2         | 6,640.5         | 6,032.5         | 4,917.4         | 5,358.5         | 5,260.9         | 6,068.8         |
| Personal, cultural, and recreational services             | 75.3            | 104.2           | 158.6           | 210.0           | 187.0           | 149.7           | 111.5           | 88.9            | 131.1           | 367.4           |
| Government goods and services, n.i.e.                     | 537.1           | 555.1           | 572.4           | 590.5           | 610.1           | 611.4           | 631.8           | 678.2           | 662.6           | 717.3           |
| <b>TOTAL</b>  | <b>12,115.1</b> | <b>16,670.5</b> | <b>21,888.2</b> | <b>23,660.2</b> | <b>22,944.1</b> | <b>23,530.9</b> | <b>22,220.9</b> | <b>23,323.5</b> | <b>25,327.7</b> | <b>28,002.5</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | 256.0           | 224.4           | 196.1           | 572.1           | 374.2           | 476.5           | 623.7           | 764.0           | 347.8           | 442.7           |
| Transport   | 6,522.3         | 8,672.7         | 12,149.3        | 12,500.9        | 12,539.0        | 11,974.5        | 9,601.8         | 9,116.2         | 10,335.9        | 12,437.5        |
| Travel  | 5,316.1         | 6,394.5         | 6,255.3         | 6,770.5         | 7,674.9         | 7,682.0         | 7,292.2         | 7,566.4         | 8,288.9         | 8,772.0         |
| Construction  | 798.1           | 592.5           | 497.4           | 631.8           | 853.2           | 660.0           | 452.5           | 133.0           | 186.3           | 143.6           |
| Insurance and pension services                            | 1,318.2         | 1,153.3         | 1,290.2         | 1,096.5         | 1,053.7         | 964.1           | 942.3           | 741.5           | 653.1           | 728.3           |
| Financial Services  | 551.1           | 597.2           | 754.1           | 694.6           | 707.4           | 620.8           | 744.4           | 913.3           | 1,081.6         | 1,094.2         |
| Charges for the use of intellectual property n.i.e        | 1,530.1         | 1,616.5         | 1,788.0         | 1,800.1         | 1,736.4         | 1,861.9         | 1,652.7         | 1,732.4         | 1,900.6         | 1,464.6         |
| Telecommunications, computer, and information services    | 1,094.0         | 1,131.2         | 1,520.9         | 1,443.3         | 1,548.1         | 1,620.5         | 1,791.1         | 2,145.7         | 2,533.1         | 2,878.7         |
| Other business services                                   | 5,525.5         | 5,456.1         | 6,492.9         | 7,848.1         | 7,671.6         | 6,972.1         | 7,587.3         | 7,194.1         | 7,207.5         | 6,971.1         |
| Personal, cultural, and recreational services             | 126.2           | 132.7           | 212.5           | 281.0           | 266.5           | 244.1           | 66.8            | 53.0            | 56.8            | 89.4            |
| Government goods and services, n.i.e.                     | 260.5           | 489.9           | 534.7           | 585.5           | 589.6           | 464.2           | 162.8           | 47.9            | 115.1           | 48.7            |
| <b>TOTAL</b>  | <b>23,298.0</b> | <b>26,461.0</b> | <b>31,691.4</b> | <b>34,224.4</b> | <b>35,014.6</b> | <b>33,540.6</b> | <b>30,917.5</b> | <b>30,407.4</b> | <b>32,706.8</b> | <b>35,070.7</b> |

Source:  
ASEAN Secretariat

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

**Table 6.11. Lao PDR Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Maintenance and repair services n.i.e.                    | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Transport   | 40.5         | 55.8         | 51.3         | 54.3         | 70.6         | 57.3         | 67.5         | 81.0         | 83.2         | 114.8        |
| Travel  | 267.7        | 381.7        | 406.2        | 513.6        | 595.9        | 641.6        | 724.2        | 716.1        | 648.0        | 734.4        |
| Construction  | 27.0         | 13.1         | 12.0         | 11.6         | 8.6          | 3.9          | 5.0          | 4.4          | 4.4          | 36.7         |
| Insurance and pension services                            | 10.0         | 11.0         | 24.5         | 3.6          | 44.1         | 11.6         | 10.7         | 0.9          | 13.0         | 3.2          |
| Financial Services  | 0.0          | 0.0          | 0.6          | 1.3          | 1.3          | 0.8          | 1.3          | 1.4          | 1.8          | 1.4          |
| Charges for the use of intellectual property n.i.e        | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Telecommunications, computer, and information services    | 28.8         | 27.3         | 31.0         | 34.8         | 40.1         | 38.6         | 34.3         | 29.8         | 24.0         | 24.0         |
| Other business services                                   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Personal, cultural, and recreational services             | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Government goods and services, n.i.e.                     | 23.3         | 22.2         | 24.1         | 24.3         | 20.1         | 10.7         | 1.1          | 1.3          | 6.1          | 7.0          |
| <b>TOTAL</b>  | <b>397.3</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> |

Source:  
ASEAN Secretariat

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

**Table 6.12. Lao PDR Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010         | 2011         | 2012         | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -            | -            | -              | -              | -              | -              | -              | -              |
| Maintenance and repair services n.i.e.                    | -            | -            | -            | -            | -              | -              | -              | -              | -              | -              |
| Transport   | 18.7         | 22.1         | 22.8         | 53.9         | 36.0           | 34.9           | 34.9           | 68.9           | 86.2           | 126.8          |
| Travel  | 82.5         | 202.7        | 237.1        | 604.9        | 903.9          | 1,051.1        | 998.0          | 911.5          | 922.0          | 925.5          |
| Construction  | 11.7         | 10.7         | 13.8         | 29.2         | 37.2           | 31.0           | 4.4            | 13.3           | 37.3           | 32.5           |
| Insurance and pension services                            | 11.0         | 13.2         | 32.2         | 32.9         | 52.9           | 12.3           | 15.0           | 11.4           | 39.4           | 35.8           |
| Financial Services  | 0.0          | 0.0          | 1.5          | 0.1          | 0.2            | 0.3            | 6.1            | 0.4            | 0.5            | 0.8            |
| Charges for the use of intellectual property n.i.e        | -            | -            | -            | -            | -              | -              | -              | -              | -              | -              |
| Telecommunications, computer, and information services    | 5.8          | 8.9          | 8.5          | 11.5         | 16.6           | 13.5           | 15.4           | 16.9           | 16.6           | 15.5           |
| Other business services                                   | 3.2          | 3.1          | 2.5          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 8.9            | 10.7           |
| Personal, cultural, and recreational services             | -            | -            | -            | -            | -              | -              | -              | -              | -              | -              |
| Government goods and services, n.i.e.                     | 2.6          | 2.5          | 3.2          | 6.2          | 10.4           | 6.9            | 4.7            | 0.0            | 5.6            | 6.6            |
| <b>TOTAL</b>  | <b>135.6</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> |

Source:  
ASEAN Secretariat

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

**Table 6.13. Malaysia Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | 2,513.0         | 2,629.2         | 2,597.3         | 2,353.1         | 2,423.5         | 2,151.4         | 2,275.7         | 2,494.2         | 2,872.8         |
| Maintenance and repair services n.i.e.                    | 242.8           | 214.0           | 294.6           | 265.8           | 314.3           | 368.2           | 373.8           | 362.4           | 422.0           | 516.1           |
| Transport   | 4,672.8         | 4,762.8         | 5,063.4         | 4,460.8         | 4,651.4         | 4,762.4         | 4,190.1         | 4,158.6         | 4,478.2         | 5,065.3         |
| Travel  | 15,601.1        | 17,705.6        | 19,670.5        | 20,275.5        | 21,430.5        | 22,551.6        | 17,584.2        | 18,074.8        | 18,359.1        | 19,621.6        |
| Construction  | 876.6           | 1,008.6         | 1,103.5         | 1,177.9         | 1,024.8         | 852.7           | 1,033.8         | 997.3           | 952.7           | 858.8           |
| Insurance and pension services                            | 284.0           | 323.0           | 439.7           | 539.1           | 447.8           | 460.8           | 374.7           | 320.3           | 290.7           | 313.2           |
| Financial Services  | 84.5            | 189.9           | 352.7           | 323.4           | 316.8           | 345.6           | 341.1           | 492.4           | 535.3           | 606.0           |
| Charges for the use of intellectual property n.i.e.       | 265.8           | 97.1            | 148.9           | 135.1           | 108.4           | 75.7            | 89.8            | 114.6           | 286.8           | 267.0           |
| Telecommunications, computer, and information services    | 1,893.6         | 2,078.7         | 2,424.2         | 2,928.1         | 2,847.8         | 2,756.5         | 2,655.8         | 2,576.9         | 2,675.9         | 2,822.1         |
| Other business services                                   | 3,946.0         | 4,736.1         | 6,502.1         | 7,674.0         | 8,190.1         | 7,003.4         | 5,571.6         | 5,751.4         | 6,008.8         | 6,644.0         |
| Personal, cultural, and recreational services             | 104.4           | 108.7           | 159.2           | 169.0           | 201.5           | 282.5           | 386.3           | 367.5           | 469.1           | 501.0           |
| Government goods and services, n.i.e.                     | 42.0            | 85.3            | 91.4            | 83.4            | 94.8            | 84.6            | 94.4            | 87.9            | 93.2            | 76.7            |
| <b>TOTAL</b>  | <b>28,013.6</b> | <b>33,822.8</b> | <b>38,879.3</b> | <b>40,629.4</b> | <b>41,981.1</b> | <b>41,967.3</b> | <b>34,847.1</b> | <b>35,579.8</b> | <b>37,066.0</b> | <b>40,164.5</b> |

Source:  
ASEAN Secretariat

Notes:

“-” not available at the time of publication

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

**Table 6.14. Malaysia Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | 24.3            | 34.4            | 43.8            | 53.2            | 45.0            | 54.1            | 60.8            | 78.2            | 130.6           |
| Maintenance and repair services n.i.e.                    | 145.2           | 145.4           | 198.6           | 235.7           | 328.9           | 301.7           | 378.1           | 405.3           | 447.2           | 478.3           |
| Transport   | 9,160.1         | 9,972.1         | 11,422.9        | 11,605.4        | 12,216.1        | 12,706.3        | 10,480.0        | 9,813.6         | 11,367.0        | 11,898.2        |
| Travel  | 6,475.6         | 8,111.8         | 10,199.5        | 12,229.3        | 12,202.2        | 12,417.0        | 10,685.9        | 10,477.7        | 10,808.0        | 12,174.8        |
| Construction  | 1,025.5         | 1,151.3         | 1,351.2         | 2,402.3         | 2,562.7         | 2,645.4         | 2,701.0         | 2,946.0         | 3,905.6         | 2,879.4         |
| Insurance and pension services                            | 533.9           | 2,131.7         | 2,530.8         | 2,884.2         | 2,756.4         | 2,758.9         | 2,361.4         | 2,234.8         | 2,281.2         | 2,445.1         |
| Financial Services  | 229.2           | 472.0           | 495.1           | 522.4           | 453.5           | 413.5           | 430.5           | 526.0           | 551.2           | 641.3           |
| Charges for the use of intellectual property n.i.e.       | 1,117.7         | 1,286.5         | 1,639.3         | 1,545.3         | 1,390.6         | 1,420.8         | 1,288.7         | 1,348.0         | 1,825.3         | 2,008.3         |
| Telecommunications, computer, and information services    | 1,871.7         | 1,934.9         | 2,369.8         | 2,771.4         | 3,184.5         | 3,133.6         | 3,266.3         | 3,242.6         | 3,035.5         | 3,253.7         |
| Other business services                                   | 5,781.2         | 6,082.4         | 7,551.0         | 8,335.3         | 8,826.9         | 8,229.1         | 7,420.1         | 8,066.5         | 6,861.1         | 7,564.2         |
| Personal, cultural, and recreational services             | 275.5           | 283.5           | 347.8           | 605.4           | 877.3           | 970.0           | 815.0           | 770.5           | 803.3           | 819.2           |
| Government goods and services, n.i.e.                     | 214.7           | 237.7           | 262.6           | 217.8           | 163.9           | 190.9           | 248.7           | 248.3           | 418.4           | 264.4           |
| <b>TOTAL</b>  | <b>26,830.4</b> | <b>31,833.5</b> | <b>38,402.9</b> | <b>43,398.3</b> | <b>45,016.1</b> | <b>45,232.3</b> | <b>40,129.8</b> | <b>40,140.1</b> | <b>42,382.0</b> | <b>44,557.5</b> |

Source:  
ASEAN Secretariat

Notes:

“-” not available at the time of publication

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

**Table 6.15. Myanmar Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010         | 2011         | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -            | -              | -              | 118.9          | 148.5          | 253.9          | 427.6          | 1,208.8        |
| Maintenance and repair services n.i.e.                    | -            | -            | -            | -              | -              | 57.4           | 141.7          | 175.5          | 24.7           | 22.8           |
| Transport   | 144.8        | 151.1        | 212.8        | 214.5          | 232.9          | 411.8          | 356.6          | 287.9          | 168.2          | 378.9          |
| Travel  | 63.0         | 78.1         | 329.1        | 551.5          | 926.0          | 1,613.3        | 2,122.5        | 2,197.2        | 1,968.9        | 1,651.5        |
| Construction  | 11.8         | 9.7          | 15.1         | 0.0            | 0.0            | 131.8          | 82.6           | 63.7           | 207.5          | 148.0          |
| Insurance and pension services                            | -            | -            | -            | 0.1            | 0.1            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Financial Services  | -            | -            | -            | -              | -              | 6.0            | 6.3            | 26.8           | 15.5           | 7.2            |
| Charges for the use of intellectual property n.i.e        | -            | -            | -            | -              | -              | 24.9           | 21.6           | 11.3           | 2.4            | 2.6            |
| Telecommunications, computer, and information services    | -            | -            | -            | 80.6           | 80.4           | 188.9          | 351.2          | 219.7          | 112.7          | 65.6           |
| Other business services                                   | 65.3         | 79.2         | 112.1        | 142.3          | 316.2          | 515.5          | 429.3          | 403.5          | 800.5          | 937.6          |
| Personal, cultural, and recreational services             | -            | -            | -            | -              | -              | 23.6           | 71.7           | 71.4           | 28.1           | 35.4           |
| Government goods and services, n.i.e.                     | 34.5         | 32.6         | 31.8         | 51.5           | 67.2           | 35.5           | 57.9           | 87.6           | 90.4           | 232.0          |
| <b>TOTAL</b>  | <b>319.4</b> | <b>350.7</b> | <b>700.9</b> | <b>1,040.5</b> | <b>1,622.8</b> | <b>3,127.6</b> | <b>3,789.9</b> | <b>3,798.5</b> | <b>3,846.5</b> | <b>4,690.4</b> |

Source:  
ASEAN Secretariat

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

**Table 6.16. Myanmar Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009         | 2010         | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|---|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Manufacturing services on physical inputs owned by others | -            | -            | -              | -              | -              | 75.6           | 96.4           | 200.3          | 2.7            | 2.3            |
| Maintenance and repair services n.i.e.                    | -            | -            | -              | -              | -              | 24.5           | 42.5           | 70.9           | 64.9           | 61.1           |
| Transport   | 377.1        | 403.8        | 757.6          | 687.3          | 861.4          | 1,357.0        | 1,403.7        | 1,357.3        | 1,512.6        | 1,541.3        |
| Travel  | 52.4         | 54.6         | 124.2          | 278.1          | 116.2          | 37.4           | 25.3           | 36.6           | 105.0          | 88.6           |
| Construction  | -            | -            | -              | -              | -              | 92.6           | 38.6           | 23.5           | 113.3          | 252.0          |
| Insurance and pension services                            | -            | -            | -              | 84.1           | 104.4          | 40.0           | 42.2           | 40.3           | 52.1           | 53.2           |
| Financial Services  | -            | -            | -              | -              | -              | 0.3            | 0.4            | 6.5            | 3.8            | 2.8            |
| Charges for the use of intellectual property n.i.e        | -            | -            | -              | -              | -              | 295.7          | 272.6          | 231.6          | 26.4           | 47.1           |
| Telecommunications, computer, and information services    | -            | -            | -              | 2.9            | 7.6            | 75.6           | 187.9          | 200.6          | 162.8          | 181.6          |
| Other business services                                   | 62.6         | 223.9        | 194.2          | 249.2          | 360.3          | 184.8          | 269.8          | 320.1          | 795.3          | 1,102.4        |
| Personal, cultural, and recreational services             | 20.7         | 10.9         | 0.1            | 0.1            | 0.1            | 7.4            | 16.7           | 13.3           | 24.0           | 40.7           |
| Government goods and services, n.i.e.                     | 24.1         | 36.0         | 23.9           | 21.1           | 25.0           | 7.8            | 2.3            | 17.8           | 19.7           | 83.5           |
| <b>TOTAL</b>  | <b>536.9</b> | <b>729.2</b> | <b>1,100.0</b> | <b>1,322.8</b> | <b>1,475.0</b> | <b>2,198.7</b> | <b>2,398.4</b> | <b>2,518.8</b> | <b>2,882.6</b> | <b>3,456.6</b> |

Source:  
ASEAN Secretariat

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

**Table 6.17. Philippines Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | 2,725.0         | 3,453.3         | 4,012.7         |
| Maintenance and repair services n.i.e.                    | 68.8            | 106.0           | 75.0            | 95.0            | 67.6            | 92.4            | 77.1            | 82.6            | 80.3            | 82.5            |
| Transport   | 1,014.6         | 1,347.0         | 1,424.0         | 1,594.0         | 1,636.7         | 1,874.7         | 1,933.5         | 1,896.8         | 2,484.8         | 2,683.0         |
| Travel  | 2,369.9         | 2,645.0         | 3,198.0         | 4,060.5         | 4,689.7         | 5,030.1         | 5,272.5         | 5,142.7         | 6,988.1         | 7,460.5         |
| Construction  | 90.8            | 121.0           | 46.0            | 99.8            | 88.5            | 60.6            | 59.6            | 71.3            | 57.3            | 61.0            |
| Insurance and pension services                            | 62.9            | 67.0            | 74.0            | 74.4            | 100.7           | 129.0           | 118.6           | 76.7            | 85.3            | 84.7            |
| Financial Services  | 153.5           | 116.0           | 104.0           | 100.5           | 84.7            | 189.9           | 414.2           | 394.2           | 237.3           | 279.2           |
| Charges for the use of intellectual property n.i.e        | 1.5             | 4.0             | 5.0             | 7.6             | 3.0             | 9.8             | 11.2            | 9.5             | 16.9            | 44.1            |
| Telecommunications, computer, and information services    | 1,897.0         | 2,236.0         | 2,769.0         | 3,003.2         | 3,335.9         | 3,472.4         | 3,460.9         | 5,493.2         | 5,638.4         | 5,940.0         |
| Other business services                                   | 8,390.1         | 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        |
| Personal, cultural, and recreational services             | 35.0            | 41.0            | 58.0            | 84.3            | 106.9           | 151.5           | 149.2           | 169.1           | 190.8           | 149.0           |
| 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            |
| <b>TOTAL</b>  | <b>14,084.1</b> | <b>17,782.0</b> | <b>18,878.0</b> | <b>20,438.7</b> | <b>23,335.2</b> | <b>25,498.1</b> | <b>29,065.0</b> | <b>31,203.6</b> | <b>34,831.6</b> | <b>37,468.7</b> |

Source:  
ASEAN Secretariat

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

**Table 6.18. Philippines Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -              | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | 4.9            | 22.0            | 91.0            | 117.1           | 256.3           | 91.2            | 83.2            | 111.7           | 131.8           | 136.5           |
| Transport   | 2,609.6        | 3,321.0         | 3,207.0         | 3,610.7         | 3,418.6         | 3,869.4         | 3,855.8         | 4,338.1         | 5,017.6         | 5,305.4         |
| Travel  | 3,670.9        | 5,487.0         | 5,616.0         | 6,548.0         | 7,832.8         | 10,597.6        | 11,342.6        | 11,135.1        | 11,849.6        | 12,037.7        |
| Construction  | 23.6           | 20.0            | 51.0            | 41.9            | 77.2            | 70.0            | 42.4            | 59.8            | 63.4            | 73.4            |
| Insurance and pension services                            | 694.9          | 880.0           | 939.0           | 881.3           | 805.2           | 814.9           | 897.1           | 1,345.2         | 1,502.0         | 1,544.5         |
| Financial Services  | 280.9          | 228.0           | 274.0           | 253.0           | 301.8           | 367.0           | 450.7           | 558.5           | 505.7           | 549.4           |
| Charges for the use of intellectual property n.i.e        | 412.2          | 446.0           | 442.0           | 471.3           | 529.4           | 547.0           | 612.6           | 546.4           | 751.4           | 917.0           |
| Telecommunications, computer, and information services    | 208.1          | 237.0           | 341.0           | 349.4           | 526.6           | 634.1           | 772.9           | 671.5           | 851.8           | 991.3           |
| Other business services                                   | 1,017.7        | 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         |
| Personal, cultural, and recreational services             | 42.4           | 52.0            | 40.0            | 37.0            | 43.6            | 54.5            | 187.3           | 126.1           | 187.7           | 274.4           |
| Government goods and services, n.i.e.                     | 221.0          | 303.0           | 303.0           | 298.2           | 262.1           | 314.7           | 254.8           | 356.8           | 293.7           | 518.1           |
| <b>TOTAL</b>  | <b>9,186.2</b> | <b>12,017.0</b> | <b>12,318.0</b> | <b>14,259.5</b> | <b>16,320.4</b> | <b>20,921.6</b> | <b>23,610.2</b> | <b>24,160.5</b> | <b>26,138.5</b> | <b>26,975.8</b> |

Source:  
ASEAN Secretariat

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

**Table 6.19. Singapore Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 222.3           | 212.3            | 207.0            | 199.7            | 226.3            | 334.9            | 252.0            | 206.2            | 176.1            | 192.9            |
| Maintenance and repair services n.i.e.                    | 6,275.8         | 6,342.8          | 7,427.4          | 7,244.2          | 8,604.8          | 7,776.1          | 6,775.7          | 6,328.2          | 6,151.3          | 6,802.2          |
| Transport   | 29,814.9        | 38,582.0         | 42,549.5         | 44,479.7         | 46,216.7         | 50,445.0         | 46,622.9         | 41,486.2         | 48,450.1         | 51,787.0         |
| Travel  | 9,225.0         | 14,177.6         | 17,927.7         | 18,794.4         | 19,230.6         | 19,159.8         | 16,617.3         | 18,944.3         | 19,894.2         | 20,411.8         |
| Construction  | 1,061.9         | 1,031.5          | 1,543.0          | 1,538.2          | 1,706.7          | 1,163.6          | 852.6            | 986.8            | 766.5            | 752.9            |
| Insurance and pension services                            | 1,519.6         | 2,433.2          | 2,413.1          | 2,717.9          | 2,904.6          | 3,347.4          | 3,864.3          | 4,426.1          | 4,676.5          | 5,333.8          |
| Financial Services  | 10,735.1        | 12,213.6         | 15,206.8         | 16,559.7         | 18,869.3         | 21,043.7         | 21,006.5         | 21,792.0         | 24,912.1         | 27,114.2         |
| Charges for the use of intellectual property n.i.e        | 1,430.6         | 1,933.4          | 2,659.5          | 2,812.4          | 3,414.4          | 3,909.3          | 8,651.5          | 7,292.3          | 8,029.6          | 8,716.8          |
| Telecommunications, computer, and information services    | 2,615.4         | 3,543.2          | 4,960.6          | 6,724.2          | 7,633.9          | 7,966.7          | 8,873.3          | 11,693.4         | 12,749.8         | 13,197.5         |
| Other business services                                   | 17,597.4        | 19,331.6         | 23,626.3         | 27,590.8         | 32,398.9         | 37,680.0         | 38,777.2         | 41,110.7         | 44,961.2         | 47,359.0         |
| Personal, cultural, and recreational services             | 273.6           | 317.8            | 442.6            | 479.0            | 508.7            | 632.5            | 620.3            | 606.1            | 513.4            | 526.6            |
| Government goods and services, n.i.e.                     | 240.5           | 264.0            | 293.3            | 306.3            | 312.9            | 312.0            | 288.8            | 293.2            | 296.0            | 305.4            |
| <b>TOTAL</b>  | <b>81,012.0</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>155,165.4</b> | <b>171,576.8</b> | <b>182,500.0</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Manufacturing services on physical inputs owned by others | 2,248.7         | 3,301.1          | 3,567.0          | 4,280.4          | 5,195.0          | 6,192.7          | 6,067.2          | 5,595.4          | 5,911.5          | 6,475.0          |
| Maintenance and repair services n.i.e.                    | 681.3           | 641.1            | 693.5            | 669.8            | 675.5            | 695.1            | 676.0            | 687.7            | 664.7            | 684.5            |
| Transport   | 24,585.7        | 29,558.5         | 33,221.6         | 35,615.3         | 39,383.6         | 45,633.6         | 47,724.5         | 43,673.1         | 52,715.9         | 54,307.7         |
| Travel  | 15,703.6        | 18,699.9         | 21,417.9         | 23,138.2         | 24,406.9         | 25,545.5         | 23,657.9         | 23,957.8         | 24,592.4         | 25,341.3         |
| Construction  | 390.6           | 503.6            | 525.8            | 519.2            | 543.3            | 392.7            | 339.6            | 372.1            | 368.7            | 419.4            |
| Insurance and pension services                            | 1,585.7         | 2,376.5          | 2,638.2          | 2,799.3          | 3,402.3          | 2,848.6          | 3,183.5          | 4,384.5          | 3,999.9          | 4,489.8          |
| Financial Services  | 2,047.9         | 2,562.4          | 3,112.4          | 3,228.1          | 3,713.9          | 4,342.2          | 4,505.4          | 4,614.0          | 5,615.0          | 6,546.2          |
| Charges for the use of intellectual property n.i.e        | 13,438.2        | 17,029.4         | 20,344.1         | 23,105.1         | 22,992.0         | 20,876.7         | 19,400.6         | 15,533.0         | 14,927.1         | 15,175.5         |
| Telecommunications, computer, and information services    | 2,390.0         | 3,290.9          | 5,712.8          | 7,614.5          | 9,424.3          | 16,029.7         | 10,861.4         | 12,944.8         | 14,770.0         | 15,295.0         |
| Other business services                                   | 19,682.0        | 21,952.1         | 25,927.9         | 31,287.7         | 39,280.0         | 43,379.1         | 44,581.7         | 45,226.3         | 55,245.3         | 54,727.7         |
| Personal, cultural, and recreational services             | 306.2           | 411.8            | 458.7            | 446.4            | 466.8            | 493.5            | 498.4            | 391.2            | 422.4            | 455.9            |
| Government goods and services, n.i.e.                     | 220.0           | 191.6            | 207.3            | 205.5            | 229.4            | 232.9            | 199.8            | 224.8            | 212.5            | 227.2            |
| <b>TOTAL</b>  | <b>83,279.9</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>157,604.8</b> | <b>179,445.2</b> | <b>184,145.1</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>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Transport   | 5,664.4         | 5,913.5         | 5,830.5         | 5,923.5         | 6,144.1         | 5,723.3         | 5,743.5         | 5,724.1         | 6,873.9         | 7,694.3         |
| Travel  | 16,056.0        | 20,104.1        | 27,184.1        | 30,654.4        | 37,807.3        | 34,822.2        | 41,245.7        | 44,785.9        | 52,376.0        | 60,225.3        |
| Construction  | 472.1           | 472.0           | 441.8           | 440.5           | 817.2           | 612.8           | 533.0           | 462.7           | 358.1           | 286.5           |
| Insurance and pension services                            | 76.4            | 67.0            | 155.9           | 383.8           | 230.8           | 81.6            | 57.9            | 68.2            | 81.4            | 124.9           |
| Financial Services  | 229.4           | 326.9           | 452.5           | 604.1           | 740.6           | 537.7           | 580.2           | 724.0           | 752.3           | 780.8           |
| Charges for the use of intellectual property n.i.e        | 64.2            | 35.4            | 57.0            | 104.8           | 62.0            | 56.7            | 84.7            | 69.1            | 101.5           | 163.0           |
| Telecommunications, computer, and information services    | 437.7           | 470.8           | 561.2           | 473.8           | 538.8           | 527.9           | 495.6           | 522.9           | 450.1           | 602.5           |
| Other business services                                   | 6,861.6         | 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        |
| Personal, cultural, and recreational services             | 78.9            | 121.2           | 92.1            | 82.6            | 76.9            | 61.1            | 58.1            | 60.1            | 68.3            | 88.8            |
| Government goods and services, n.i.e.                     | 263.6           | 240.8           | 292.3           | 336.8           | 390.7           | 353.3           | 363.8           | 290.9           | 297.6           | 321.7           |
| <b>TOTAL</b>  | <b>30,204.2</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>81,331.4</b> |

Source:  
ASEAN Secretariat

Notes:

\*,- not available at the time of publication

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

**Table 6.22. Thailand Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Maintenance and repair services n.i.e.                    | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Transport   | 14,829.8        | 18,857.8        | 21,094.4        | 21,759.7        | 21,347.6        | 19,063.9        | 15,662.3        | 15,063.1        | 16,829.4        | 18,934.8        |
| Travel  | 4,429.3         | 5,627.2         | 5,717.3         | 6,247.6         | 6,481.4         | 7,070.6         | 7,718.2         | 9,072.2         | 10,504.0        | 12,352.4        |
| Construction  | 782.8           | 711.2           | 307.2           | 224.1           | 709.2           | 762.6           | 850.0           | 517.7           | 279.0           | 265.6           |
| Insurance and pension services                            | 1,545.8         | 1,835.3         | 2,105.7         | 2,118.3         | 2,035.4         | 1,818.1         | 1,571.9         | 1,441.2         | 1,816.6         | 2,299.7         |
| Financial Services  | 274.8           | 328.0           | 388.2           | 741.0           | 794.9           | 705.4           | 690.3           | 647.8           | 985.5           | 1,002.8         |
| Charges for the use of intellectual property n.i.e        | 2,247.5         | 3,080.5         | 3,121.3         | 3,609.7         | 4,593.4         | 3,970.8         | 4,121.5         | 3,979.5         | 4,280.8         | 5,274.4         |
| Telecommunications, computer, and information services    | 345.9           | 363.3           | 478.1           | 514.5           | 599.5           | 679.3           | 612.3           | 555.2           | 568.4           | 646.3           |
| Other business services                                   | 9,738.7         | 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        |
| Personal, cultural, and recreational services             | 20.3            | 19.6            | 20.8            | 23.3            | 20.8            | 19.3            | 29.4            | 29.8            | 31.8            | 37.2            |
| Government goods and services, n.i.e.                     | 214.8           | 255.8           | 171.1           | 219.4           | 292.7           | 313.2           | 310.3           | 317.9           | 283.5           | 277.7           |
| <b>TOTAL</b>  | <b>34,429.6</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>55,173.6</b> |

Source:  
ASEAN Secretariat

Notes:

\*,- not available at the time of publication

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

**Table 6.23. Viet Nam Exports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009           | 2010           | 2011           | 2012           | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -              | -              | -               | -               | -               | 8,550.7         | 7,948.6         | 8,980.0         |
| Maintenance and repair services n.i.e.                    | -              | -              | -              | -              | 8.3             | 8.7             | 9.2             | 9.3             | 9.5             | 11.4            |
| Transport   | 2,075.0        | 2,313.7        | 2,238.0        | 2,082.0        | 2,254.6         | 2,397.2         | 2,507.6         | 2,528.5         | 2,608.4         | 2,973.4         |
| Travel  | 3,050.0        | 4,450.0        | 5,710.0        | 6,850.0        | 7,250.0         | 7,410.0         | 7,350.0         | 8,500.0         | 8,890.0         | 10,080.0        |
| Construction  | 13.0           | 14.0           | 18.0           | 20.0           | 80.0            | 90.0            | 98.0            | 106.0           | 110.0           | 115.0           |
| Insurance and pension services                            | 65.0           | 70.0           | 81.0           | 64.0           | 60.0            | 58.0            | 55.0            | 56.0            | 57.0            | 61.0            |
| Financial Services  | 175.0          | 192.0          | 208.0          | 150.0          | 183.0           | 175.0           | 180.0           | 181.0           | 186.0           | 190.0           |
| Charges for the use of intellectual property n.i.e        | 19.0           | 20.6           | 25.0           | 28.0           | 3.0             | 3.0             | 3.5             | 3.8             | 4.0             | 4.5             |
| Telecommunications, computer, and information services    | 170.0          | 187.3          | 215.0          | 218.5          | 432.0           | 419.0           | 491.0           | 530.0           | 582.0           | 651.0           |
| Other business services                                   | 99.0           | 107.4          | 86.0           | 97.0           | 308.0           | 345.0           | 405.5           | 426.2           | 451.0           | 505.5           |
| Personal, cultural, and recreational services             | 0.0            | 0.0            | 0.2            | 0.5            | 6.0             | 7.0             | 8.0             | 9.0             | 10.0            | 12.0            |
| Government goods and services, n.i.e.                     | 100.0          | 105.0          | 110.0          | 110.0          | 125.0           | 137.0           | 142.0           | 150.0           | 162.0           | 171.0           |
| <b>TOTAL</b>  | <b>5,766.0</b> | <b>7,460.0</b> | <b>8,691.2</b> | <b>9,620.0</b> | <b>10,709.9</b> | <b>11,049.9</b> | <b>11,249.8</b> | <b>21,050.5</b> | <b>21,018.5</b> | <b>23,754.8</b> |

Source:  
ASEAN Secretariat

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

**Table 6.24. Viet Nam Imports of Services<sup>1)</sup>, 2009-2018**

(in US\$ million)

| Service Heading   | 2009           | 2010           | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | -              | -              | -               | -               | -               | -               | -               | 8.2             | 23.9            | 26.0            |
| Maintenance and repair services n.i.e.                    | -              | -              | -               | -               | 263.1           | 289.0           | 300.8           | 313.9           | 315.5           | 338.6           |
| Transport   | 5,514.0        | 6,602.5        | 8,232.0         | 6,958.0         | 7,126.9         | 7,495.0         | 7,797.2         | 8,133.1         | 7,960.0         | 8,526.4         |
| Travel  | 1,100.0        | 1,470.0        | 1,710.0         | 1,856.0         | 2,050.0         | 2,650.0         | 3,595.0         | 4,500.0         | 5,040.0         | 5,910.0         |
| Construction  | 393.6          | 475.0          | 363.0           | 380.0           | 1,150.0         | 1,050.0         | 1,080.0         | 1,000.0         | 1,040.0         | 1,135.0         |
| Insurance and pension services                            | 406.0          | 481.0          | 567.0           | 874.0           | 911.0           | 1,020.0         | 1,015.0         | 800.0           | 660.0           | 687.0           |
| Financial Services  | 153.0          | 195.0          | 217.0           | 175.0           | 460.0           | 480.0           | 486.0           | 488.0           | 507.0           | 520.0           |
| Charges for the use of intellectual property n.i.e        | 65.6           | 76.0           | 97.0            | 110.0           | 556.0           | 570.0           | 608.0           | 550.0           | 555.0           | 606.0           |
| Telecommunications, computer, and information services    | 85.8           | 110.5          | 106.0           | 107.0           | 250.0           | 271.0           | 289.0           | 297.0           | 287.0           | 315.0           |
| Other business services                                   | 311.6          | 342.0          | 392.0           | 395.0           | 860.0           | 970.0           | 633.0           | 463.0           | 505.0           | 323.0           |
| Personal, cultural, and recreational services             | 0.0            | 0.0            | 0.0             | 0.0             | 8.0             | 10.0            | 11.0            | 11.0            | 10.0            | 11.0            |
| Government goods and services, n.i.e.                     | 141.0          | 150.0          | 152.0           | 167.0           | 185.0           | 195.0           | 200.0           | 202.0           | 206.0           | 213.0           |
| <b>TOTAL</b>  | <b>8,170.6</b> | <b>9,902.0</b> | <b>11,836.0</b> | <b>11,022.0</b> | <b>13,820.0</b> | <b>15,000.0</b> | <b>16,015.0</b> | <b>16,766.2</b> | <b>17,109.4</b> | <b>18,611.0</b> |

Source:  
ASEAN Secretariat

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



**Table 6.25. Intra-ASEAN Exports of Services<sup>1)</sup>, 2010-2018**

(in US\$ million)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | 165.3           | 185.8           | 154.5           | 165.3           | 177.9           | 114.1           | 1,257.3         | 1,025.5         | 2,198.3         |
| Maintenance and repair services n.i.e.                    | 893.1           | 899.3           | 996.0           | 863.7           | 769.3           | 796.6           | 792.6           | 498.9           | 731.9           |
| Transport   | 7,006.2         | 8,197.4         | 8,950.7         | 9,132.4         | 8,094.9         | 7,502.9         | 7,245.9         | 7,344.4         | 8,413.9         |
| Travel  | 22,721.0        | 26,563.1        | 27,929.0        | 29,894.8        | 29,972.4        | 26,749.7        | 28,965.5        | 29,991.4        | 30,950.0        |
| Construction  | 757.7           | 828.4           | 1,040.1         | 1,307.1         | 1,218.6         | 1,321.6         | 999.9           | 975.0           | 1,081.7         |
| Insurance and pension services                            | 569.3           | 716.1           | 1,013.3         | 1,020.4         | 1,340.9         | 1,426.1         | 1,495.9         | 1,475.2         | 1,671.7         |
| Financial Services  | 1,160.6         | 1,259.9         | 1,305.2         | 1,481.6         | 1,410.7         | 1,503.1         | 1,712.7         | 1,979.8         | 2,025.9         |
| Charges for the use of intellectual property n.i.e        | 412.2           | 475.1           | 519.7           | 591.1           | 620.4           | 556.8           | 501.3           | 562.6           | 625.8           |
| Telecommunications, computer, and information services    | 1,594.9         | 1,973.2         | 2,253.5         | 2,496.1         | 2,725.2         | 2,913.6         | 2,916.2         | 3,283.5         | 3,440.9         |
| Other business services                                   | 6,097.2         | 7,441.3         | 8,815.4         | 9,375.7         | 9,700.0         | 9,077.2         | 10,381.4        | 10,935.9        | 12,451.7        |
| Personal, cultural, and recreational services             | 115.8           | 150.2           | 171.4           | 181.9           | 235.0           | 282.7           | 350.5           | 297.4           | 351.8           |
| Government goods and services, n.i.e.                     | 165.8           | 180.3           | 170.4           | 333.5           | 188.2           | 214.4           | 137.4           | 202.4           | 137.6           |
| <b>TOTAL</b>  | <b>41,659.0</b> | <b>48,870.1</b> | <b>53,319.2</b> | <b>56,843.5</b> | <b>56,453.3</b> | <b>52,458.9</b> | <b>56,756.7</b> | <b>58,572.0</b> | <b>64,081.2</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>, 2010-2018**

(in US\$ million)

| Service Heading   | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Manufacturing services on physical inputs owned by others | 667.5           | 677.1           | 710.8           | 676.4           | 733.8           | 847.7           | 992.4           | 969.7           | 1,063.7         |
| Maintenance and repair services n.i.e.                    | 127.8           | 144.8           | 229.9           | 345.5           | 290.3           | 399.0           | 312.9           | 294.0           | 356.2           |
| Transport   | 9,730.2         | 11,051.7        | 11,076.4        | 11,301.9        | 12,140.1        | 11,425.5        | 10,321.2        | 11,451.1        | 12,377.5        |
| Travel  | 17,103.9        | 20,221.9        | 23,894.5        | 25,548.2        | 26,120.4        | 23,413.9        | 21,743.8        | 22,991.1        | 23,433.5        |
| Construction  | 571.1           | 649.9           | 1,132.2         | 1,414.4         | 1,179.8         | 1,059.6         | 894.5           | 712.0           | 1,051.5         |
| Insurance and pension services                            | 1,265.0         | 1,550.7         | 1,869.7         | 1,889.3         | 1,619.7         | 1,778.1         | 1,681.5         | 1,946.6         | 2,155.2         |
| Financial Services  | 566.8           | 636.9           | 665.5           | 620.5           | 479.5           | 630.8           | 712.3           | 742.0           | 891.6           |
| Charges for the use of intellectual property n.i.e        | 500.7           | 615.0           | 645.7           | 709.5           | 715.8           | 785.4           | 809.7           | 716.2           | 1,142.9         |
| Telecommunications, computer, and information services    | 1,796.1         | 2,236.2         | 2,507.3         | 2,847.6         | 2,645.1         | 2,841.7         | 2,812.4         | 3,090.1         | 3,375.9         |
| Other business services                                   | 6,747.3         | 8,496.5         | 8,911.5         | 10,713.1        | 10,232.5        | 10,209.2        | 10,948.5        | 10,872.5        | 11,427.5        |
| Personal, cultural, and recreational services             | 152.8           | 155.3           | 206.7           | 265.7           | 309.8           | 249.5           | 206.7           | 339.8           | 471.9           |
| Government goods and services, n.i.e.                     | 126.8           | 81.0            | 126.8           | 151.7           | 206.9           | 119.3           | 207.8           | 257.1           | 254.7           |
| <b>TOTAL</b>  | <b>39,356.0</b> | <b>46,517.0</b> | <b>51,977.0</b> | <b>56,483.7</b> | <b>56,673.8</b> | <b>53,759.7</b> | <b>51,643.9</b> | <b>54,382.2</b> | <b>58,002.0</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, 2009-2018**

(in US\$ million)

| Host Country          | 2009            | 2010             | 2011            | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-----------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam     | 371.4           | 625.4            | 1,208.3         | 864.8            | 725.5            | 568.2            | 171.3            | -150.4           | 460.1            | 503.9            |
| Cambodia              | 539.0           | 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          |
| Indonesia             | 4,876.8         | 13,770.2         | 19,241.6        | 19,137.9         | 18,443.8         | 21,810.4         | 16,642.1         | 3,920.7          | 20,579.2         | 21,979.9         |
| Lao PDR               | 318.6           | 332.6            | 466.8           | 294.4            | 426.7            | 913.2            | 1,079.2          | 1,075.7          | 1,695.4          | 1,319.6          |
| Malaysia              | 1,405.1         | 9,155.9          | 12,000.9        | 9,400.0          | 12,107.1         | 10,875.3         | 10,180.0         | 11,290.3         | 9,295.8          | 8,071.6          |
| Myanmar <sup>1)</sup> | 963.3           | 2,248.8          | 2,058.2         | 1,354.2          | 2,620.9          | 946.2            | 2,824.5          | 2,989.5          | 4,002.4          | 1,609.8          |
| Philippines           | 1,963.0         | 1,298.0          | 1,815.9         | 2,797.0          | 3,859.8          | 5,814.6          | 5,639.2          | 8,279.5          | 10,256.4         | 9,832.3          |
| Singapore             | 18,916.8        | 57,214.1         | 39,886.6        | 60,101.9         | 56,670.9         | 73,284.5         | 59,702.3         | 73,864.4         | 75,734.5         | 77,630.5         |
| Thailand              | 6,411.5         | 14,746.7         | 2,473.7         | 12,899.0         | 15,936.0         | 4,975.5          | 8,927.6          | 2,810.2          | 8,229.1          | 13,205.1         |
| Viet Nam              | 7,600.0         | 8,000.0          | 7,519.0         | 8,368.0          | 8,900.0          | 9,200.1          | 11,800.0         | 12,600.0         | 14,100.0         | 15,500.0         |
| <b>ASEAN</b>          | <b>43,365.4</b> | <b>108,174.2</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>118,959.5</b> | <b>147,085.2</b> | <b>152,755.3</b> |

Source:  
ASEAN Secretariat

Notes:

1) Myanmar: figures are in fiscal year which ends in March of the following calendar year  
Data for 2018 are preliminary figures

**Table 7.2. Foreign Direct Investment (FDI) Inward Flows to ASEAN by Source Country, 2009-2018**

(in US\$ million)

| Source Country       | 2009            | 2010             | 2011            | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|----------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ASEAN <sup>1)</sup>  | 8,807.8         | 16,306.4         | 15,836.7        | 23,900.8         | 18,464.2         | 22,180.9         | 20,819.3         | 25,728.8         | 25,474.2         | 23,188.4         |
| REST OF THE WORLD    | 34,557.7        | 91,867.8         | 71,726.1        | 92,873.5         | 102,501.3        | 107,933.6        | 97,847.8         | 93,230.7         | 121,611.0        | 129,567.0        |
| Australia            | 124.7           | 3,958.6          | 4,847.3         | 741.1            | 2,165.5          | 4,032.1          | 1,407.2          | 2,218.2          | 1,313.2          | 1,215.5          |
| Canada               | 1,344.4         | 1,303.3          | 922.7           | 3,870.8          | 790.0            | 2,239.7          | 1,179.7          | 808.9            | 430.9            | 401.8            |
| China                | 2,068.7         | 3,488.6          | 7,194.3         | 7,975.2          | 6,165.2          | 6,811.7          | 6,571.8          | 9,609.6          | 13,700.6         | 9,940.1          |
| EU-28                | 5,659.9         | 21,145.2         | 24,419.3        | -2,536.7         | 15,718.5         | 28,943.3         | 20,373.0         | 34,014.6         | 14,916.2         | 21,613.5         |
| India                | 283.1           | 3,801.2          | -2,106.2        | 7,040.7          | 1,731.2          | 1,163.5          | 1,473.4          | -198.1           | -107.5           | 1,516.1          |
| Japan                | 3,451.1         | 12,987.0         | 7,797.6         | 14,852.8         | 24,608.6         | 13,436.1         | 12,962.3         | 14,241.9         | 16,149.0         | 20,954.5         |
| Korea, Republic of   | 1,804.1         | 4,319.3          | 1,774.3         | 1,278.5          | 4,302.7          | 5,257.2          | 5,608.8          | 7,088.2          | 4,535.2          | -223.0           |
| New Zealand          | -140.8          | 339.5            | 24.6            | -945.8           | 270.0            | 496.3            | -58.3            | 250.2            | 153.1            | 5,887.5          |
| Russian Federation   | 141.5           | 54.5             | 10.1            | 189.1            | 608.0            | -113.5           | -24.4            | 63.4             | 47.8             | 55.7             |
| USA                  | 5,180.8         | 13,682.1         | 8,197.4         | 18,911.4         | 11,457.9         | 21,141.3         | 22,912.5         | 21,663.4         | 24,890.8         | 8,340.7          |
| Others <sup>2)</sup> | 14,640.2        | 26,788.7         | 18,644.7        | 41,496.4         | 34,683.8         | 24,526.0         | 25,441.9         | 3,470.3          | 45,581.8         | 59,864.5         |
| <b>Total</b>         | <b>43,365.4</b> | <b>108,174.2</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>118,959.5</b> | <b>147,085.2</b> | <b>152,755.3</b> |

Source:  
ASEAN Secretariat

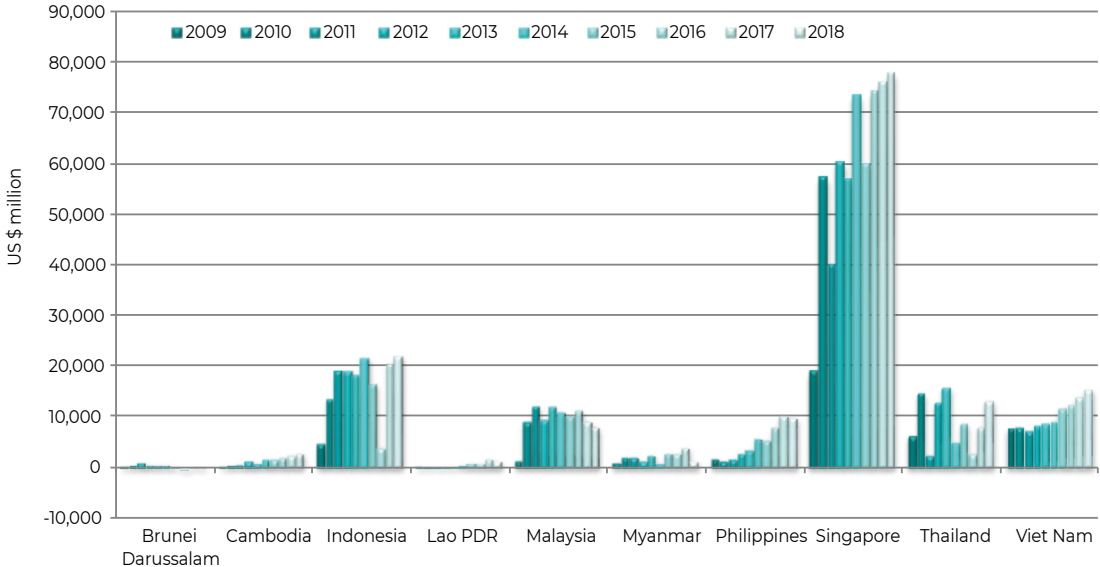
Notes:

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

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

Data for 2018 are preliminary figures

Chart 7.1. Foreign Direct Investment (FDI) Inward Flows to ASEAN, 2009-2018



**Table 7.3. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Host Country, 2009-2018**

(in US\$ million)

| Host Country              | 2009           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam         | 3.1            | 89.5            | 67.5            | 31.5            | -58.0           | 141.2           | 86.7            | -64.7           | 535.3           | 63.3            |
| Cambodia                  | 174.0          | 349.0           | 223.8           | 523.0           | 298.8           | 372.5           | 425.4           | 635.8           | 603.5           | 788.7           |
| Indonesia                 | 1,380.1        | 5,904.2         | 8,334.5         | 7,587.9         | 8,721.1         | 13,083.7        | 9,228.6         | 9,907.5         | 10,189.7        | 11,842.0        |
| Lao PDR                   | 57.3           | 135.4           | 75.0            | 73.6            | 104.6           | 137.9           | 221.8           | 196.6           | 171.2           | 202.5           |
| Malaysia                  | -60.2          | 525.6           | 2,664.3         | 2,813.9         | 2,150.0         | 2,284.0         | 2,931.4         | 2,098.7         | 2,219.2         | 474.3           |
| Myanmar                   | 67.8           | 25.5            | 84.6            | 151.2           | 1,186.8         | 683.6           | 2,230.6         | 1,682.9         | 2,590.4         | 910.8           |
| Philippines               | -4.9           | 40.2            | -74.1           | 145.2           | -41.7           | 137.1           | 57.3            | 608.3           | 725.5           | 989.7           |
| Singapore                 | 4,076.0        | 5,715.1         | 1,991.6         | 12,057.3        | 3,495.7         | 4,734.5         | 3,050.4         | 6,353.7         | 4,094.2         | 3,394.6         |
| Thailand                  | 2,685.9        | 2,220.9         | 952.2           | -745.4          | 528.2           | -940.7          | 433.6           | 2,003.4         | 1,814.0         | 1,671.2         |
| Viet Nam                  | 428.7          | 1,300.9         | 1,517.3         | 1,262.5         | 2,078.6         | 1,547.1         | 2,153.5         | 2,306.6         | 2,531.2         | 2,851.3         |
| <b>ASEAN<sup>1)</sup></b> | <b>8,807.8</b> | <b>16,306.4</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>25,728.8</b> | <b>25,474.2</b> | <b>23,188.4</b> |

Source:  
ASEAN Secretariat

Notes:

1) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat  
Data for 2018 are preliminary figures



**Table 7.4. Intra-ASEAN Foreign Direct Investment (FDI) Inward Flows by Source Country, 2009-2018**

(in US\$ million)

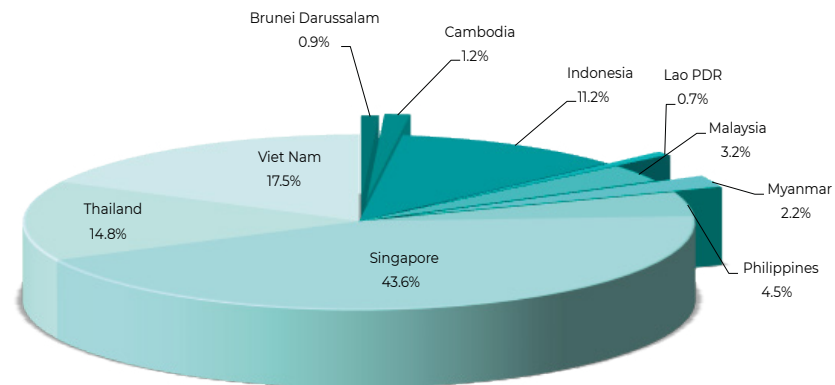
| Source Country            | 2009           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam         | 133.0          | -35.1           | 156.4           | 845.9           | 225.4           | -593.1          | 52.5            | 231.6           | 38.5            | -63.2           |
| Cambodia                  | -8.4           | 17.2            | 33.1            | 2.4             | -1.6            | 20.4            | 47.1            | -7.4            | 20.4            | 42.3            |
| Indonesia                 | 1,271.0        | 1,311.4         | 1,888.5         | 6,307.3         | 2,314.1         | 1,173.4         | 838.1           | 2,462.8         | 1,652.0         | 1,146.6         |
| Lao PDR                   | 1.5            | 34.5            | 0.4             | 0.1             | 1.1             | 1.8             | 2.2             | 23.9            | 6.7             | 29.5            |
| Malaysia                  | 3,495.4        | 3,848.5         | 3,370.9         | 3,894.9         | 1,385.3         | 1,647.1         | 3,743.6         | 4,331.3         | 3,769.2         | 1,690.9         |
| Myanmar                   | 72.3           | 69.9            | 118.5           | 98.7            | 95.8            | 101.0           | 29.5            | 49.5            | 0.1             | -40.0           |
| Philippines               | -313.6         | -76.7           | -557.2          | 867.8           | -321.9          | 334.1           | 905.0           | 400.1           | 353.4           | 1,235.6         |
| Singapore                 | 3,330.1        | 8,931.4         | 12,716.8        | 9,814.7         | 13,267.9        | 15,721.2        | 13,702.2        | 15,459.5        | 17,486.6        | 16,022.9        |
| Thailand                  | 675.7          | 1,764.7         | -2,205.0        | 1,477.5         | 1,022.1         | 3,598.5         | 1,084.7         | 2,574.1         | 1,712.6         | 2,547.9         |
| Viet Nam                  | 143.9          | 413.6           | 290.2           | 442.7           | 338.5           | 304.0           | 399.3           | 164.1           | 403.3           | 515.3           |
| Unspecified               | 6.9            | 27.1            | 24.1            | 148.8           | 137.5           | -127.7          | 15.1            | 39.3            | 31.4            | 60.6            |
| <b>ASEAN<sup>1)</sup></b> | <b>8,807.8</b> | <b>16,306.4</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>25,728.8</b> | <b>25,474.2</b> | <b>23,188.4</b> |

Source:  
ASEAN Secretariat

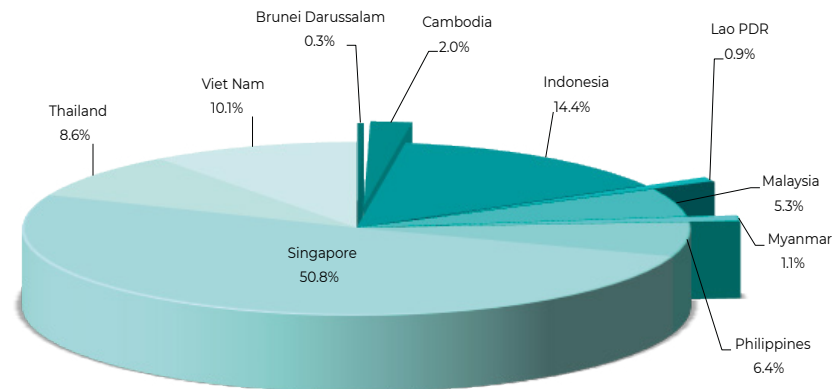
Notes:

1) Excludes reinvested earnings in the Philippines and intra-ASEAN breakdown for Lao PDR (2012 and 2013) are estimated by the ASEAN Secretariat  
Data for 2018 are preliminary figures

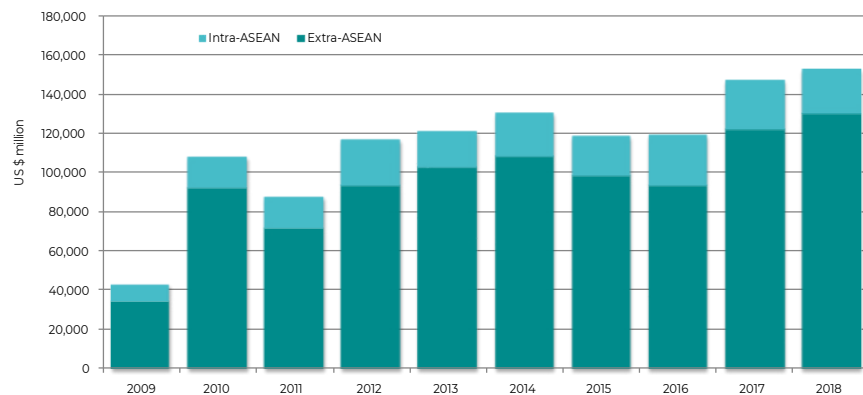
**Chart 7.2. Foreign Direct Investment (FDI) to ASEAN by Host Country, 2009**



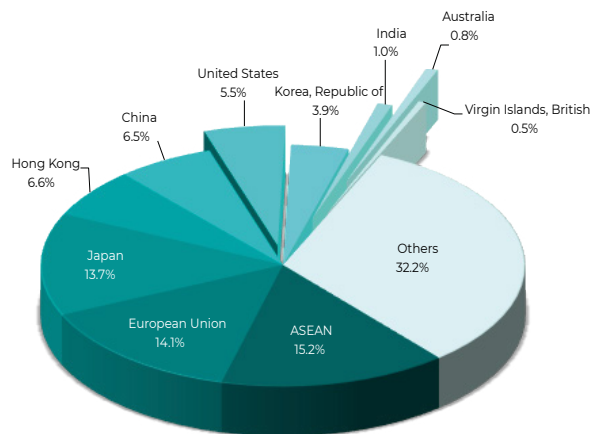
**Chart 7.3. Foreign Direct Investment (FDI) to ASEAN by Host Country, 2018**



**Chart 7.4. Intra and Extra-ASEAN Foreign Direct Investment (FDI) Inward Flows, 2009-2018**



**Chart 7.5. ASEAN Top Ten Foreign Direct Investment (FDI) by Source Country, 2018**



**Table 7.5. Foreign Direct Investment (FDI) Inward Flows to Brunei Darussalam by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009         | 2010         | 2011           | 2012         | 2013         | 2014         | 2015         | 2016          | 2017         | 2018         |
|--------------------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| <b>ASEAN</b>             | <b>3.1</b>   | <b>89.5</b>  | <b>67.5</b>    | <b>31.5</b>  | <b>-58.0</b> | <b>141.2</b> | <b>86.7</b>  | <b>-64.7</b>  | <b>535.3</b> | <b>63.3</b>  |
| <b>REST OF THE WORLD</b> | <b>368.3</b> | <b>535.9</b> | <b>1,140.8</b> | <b>833.3</b> | <b>783.5</b> | <b>427.0</b> | <b>84.7</b>  | <b>-85.8</b>  | <b>-75.1</b> | <b>440.6</b> |
| Australia                | 0.0          | 2.5          | 1.6            | 4.0          | 0.0          | 0.5          | -3.8         | 0.8           | -1.0         | 0.1          |
| Canada                   | 0.0          | 0.0          | 0.0            | 0.8          | 25.6         | 60.7         | 0.5          | 0.7           | -0.4         | 2.1          |
| China                    | 0.0          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0           | 0.0          | 2.3          |
| EU-28                    | 295.8        | 447.9        | 983.6          | 615.3        | 601.6        | 367.0        | 83.8         | -176.0        | -586.8       | -343.4       |
| India                    | 0.0          | 1.4          | 0.3            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0           | 0.0          | 0.0          |
| Japan                    | 63.5         | 47.6         | 126.5          | 55.6         | 15.8         | 26.6         | -37.3        | -3.4          | -11.9        | 62.6         |
| Korea, Republic of       | 0.0          | 0.0          | 0.1            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0           | 0.0          | 0.0          |
| New Zealand              | 3.2          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0           | 0.0          | 0.0          |
| Russian Federation       | 0.0          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0           | 0.0          | 0.0          |
| USA                      | 5.0          | 33.4         | 26.8           | 32.1         | -5.3         | -38.8        | -7.1         | 2.2           | -1.0         | 0.2          |
| Others                   | 0.7          | 3.1          | 1.9            | 125.6        | 145.7        | 11.1         | 48.5         | 90.0          | 526.0        | 716.7        |
| <b>Total</b>             | <b>371.4</b> | <b>625.4</b> | <b>1,208.3</b> | <b>864.8</b> | <b>725.5</b> | <b>568.2</b> | <b>171.3</b> | <b>-150.4</b> | <b>460.1</b> | <b>503.9</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.6. Foreign Direct Investment (FDI) Inward Flows to Cambodia by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009         | 2010         | 2011         | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|--------------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>ASEAN</b>             | <b>174.0</b> | <b>349.0</b> | <b>223.8</b> | <b>523.0</b>   | <b>298.8</b>   | <b>372.5</b>   | <b>425.4</b>   | <b>635.8</b>   | <b>603.5</b>   | <b>788.7</b>   |
| <b>REST OF THE WORLD</b> | <b>365.0</b> | <b>433.6</b> | <b>667.9</b> | <b>1,034.1</b> | <b>976.1</b>   | <b>1,354.0</b> | <b>1,275.6</b> | <b>1,643.9</b> | <b>2,128.7</b> | <b>2,313.9</b> |
| Australia                | 5.2          | 36.9         | 20.1         | 23.1           | 19.1           | 33.3           | 31.9           | 35.0           | 31.6           | 19.8           |
| Canada                   | 8.4          | 6.9          | 6.4          | 5.2            | -6.8           | 4.5            | 15.0           | 26.4           | 69.1           | 100.6          |
| China                    | 97.3         | 126.9        | 179.7        | 367.8          | 286.8          | 553.9          | 537.7          | 501.5          | 618.1          | 798.2          |
| EU-28                    | 26.7         | 43.3         | 54.3         | 126.1          | 115.5          | 138.8          | 180.1          | 194.0          | 213.5          | 168.2          |
| India                    | 28.0         | 1.0          | 8.5          | 12.0           | 6.1            | 3.3            | 0.5            | 2.3            | 9.0            | 4.7            |
| Japan                    | 7.4          | 6.4          | 21.9         | 13.8           | 38.5           | 84.9           | 52.5           | 198.7          | 226.6          | 199.2          |
| Korea, Republic of       | 98.2         | 46.7         | 138.6        | 161.7          | 178.2          | 106.3          | 72.0           | 139.6          | 177.0          | 249.9          |
| New Zealand              | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.6            | 0.2            |
| Russian Federation       | 12.8         | 10.3         | 10.8         | 10.8           | 10.8           | 2.3            | 0.0            | 0.0            | 0.5            | 0.0            |
| USA                      | 6.0          | 16.2         | 17.2         | 16.1           | 33.9           | 50.3           | 40.6           | 53.4           | 74.4           | 59.3           |
| Others                   | 75.1         | 138.9        | 210.5        | 297.6          | 294.1          | 376.4          | 345.4          | 492.8          | 708.3          | 713.6          |
| <b>Total</b>             | <b>539.0</b> | <b>782.6</b> | <b>891.7</b> | <b>1,557.1</b> | <b>1,274.9</b> | <b>1,726.5</b> | <b>1,701.0</b> | <b>2,279.7</b> | <b>2,732.2</b> | <b>3,102.6</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.7. Foreign Direct Investment (FDI) Inward Flows to Indonesia by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|--------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>ASEAN</b>             | <b>1,380.1</b> | <b>5,904.2</b>  | <b>8,334.5</b>  | <b>7,587.9</b>  | <b>8,721.1</b>  | <b>13,083.7</b> | <b>9,228.6</b>  | <b>9,907.5</b>  | <b>10,189.7</b> | <b>11,842.0</b> |
| <b>REST OF THE WORLD</b> | <b>3,496.7</b> | <b>7,866.0</b>  | <b>10,907.2</b> | <b>11,550.0</b> | <b>9,722.7</b>  | <b>8,726.7</b>  | <b>7,413.5</b>  | <b>-5,986.8</b> | <b>10,389.5</b> | <b>10,137.9</b> |
| Australia                | 262.7          | 894.3           | 486.7           | 115.8           | 222.3           | 187.6           | -64.0           | -5.9            | 174.5           | 86.6            |
| Canada                   | 14.7           | 106.5           | 145.6           | 187.4           | 166.4           | 106.5           | 80.6            | -2.9            | -27.3           | -21.1           |
| China                    | 359.2          | 353.6           | 214.9           | 335.1           | 590.8           | 1,068.2         | 323.5           | 354.8           | 1,993.8         | 2,142.5         |
| EU-28                    | 298.5          | 16.7            | 2,994.1         | -225.9          | -625.6          | 345.3           | -1.9            | 1,554.4         | 5,348.8         | -1,215.0        |
| India                    | 6.0            | 5.7             | -0.1            | 7.9             | 8.2             | 3.1             | 36.7            | 54.2            | 40.0            | 196.2           |
| Japan                    | 895.9          | 3,729.5         | 6,175.0         | 7,961.7         | 5,557.0         | 5,792.6         | 4,010.1         | 2,498.9         | 3,912.5         | 4,937.4         |
| Korea, Republic of       | 80.5           | 339.9           | 724.5           | 692.0           | 980.8           | 952.8           | 227.6           | 199.4           | 15.7            | 332.8           |
| New Zealand              | 0.0            | 0.0             | -0.2            | 0.0             | 0.1             | 19.2            | 7.1             | 0.3             | -19.8           | 1.3             |
| Russian Federation       | 0.0            | -0.3            | 0.0             | 0.1             | 0.0             | 0.0             | 0.1             | 0.0             | 1.0             | 0.7             |
| USA                      | 159.3          | 571.8           | -437.7          | 830.2           | 1,063.9         | -1,098.1        | 603.0           | -335.0          | -2,457.8        | 1,067.2         |
| Others                   | 1,419.9        | 1,848.2         | 604.3           | 1,645.8         | 1,759.0         | 1,349.5         | 2,190.7         | -10,305.0       | 1,408.0         | 2,609.3         |
| <b>Total</b>             | <b>4,876.8</b> | <b>13,770.2</b> | <b>19,241.6</b> | <b>19,137.9</b> | <b>18,443.8</b> | <b>21,810.4</b> | <b>16,642.1</b> | <b>3,920.7</b>  | <b>20,579.2</b> | <b>21,979.9</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.8. Foreign Direct Investment (FDI) Inward Flows to Lao PDR by Source Country, 2009-2018**

(in US\$ million)

| Source Country       | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015           | 2016           | 2017           | 2018           |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|
| ASEAN <sup>1)</sup>  | 57.3         | 135.4        | 75.0         | 73.6         | 104.6        | 137.9        | 221.8          | 196.6          | 171.2          | 202.5          |
| REST OF THE WORLD    | 261.3        | 197.2        | 391.8        | 0.0          | 322.1        | 775.3        | 857.3          | 879.1          | 1,524.2        | 1,117.2        |
| Australia            | 0.0          | 4.3          | 2.7          | n.a          | n.a          | 15.8         | 2.1            | 7.5            | 10.8           | 0.3            |
| Canada               | 0.0          | 0.0          | 0.1          | n.a          | n.a          | 0.4          | 0.0            | 0.7            | 0.4            | 1.1            |
| China                | 36.1         | 45.6         | 278.3        | n.a          | n.a          | 614.3        | 665.1          | 710.0          | 1,313.6        | 1,044.9        |
| EU-28                | 11.0         | 27.5         | 3.1          | n.a          | n.a          | 51.2         | 24.5           | 15.7           | 13.2           | -2.8           |
| India                | 3.0          | 0.0          | 0.0          | n.a          | n.a          | 0.9          | 2.5            | 4.2            | 6.2            | 1.2            |
| Japan                | 13.5         | 8.3          | 12.1         | n.a          | n.a          | 2.1          | 75.8           | 44.2           | 70.3           | 47.7           |
| Korea, Republic of   | 5.9          | 1.7          | 2.0          | n.a          | n.a          | 12.6         | 45.7           | 77.3           | 102.4          | 24.9           |
| New Zealand          | 0.0          | 0.0          | 0.1          | n.a          | n.a          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            |
| Russian Federation   | 0.9          | 5.2          | 5.4          | n.a          | n.a          | 0.0          | 1.4            | 0.9            | -13.0          | -8.0           |
| USA                  | 0.0          | 1.2          | 0.0          | n.a          | n.a          | 0.2          | 8.9            | 3.2            | 0.2            | 0.0            |
| Others <sup>2)</sup> | 190.8        | 103.4        | 88.1         | n.a          | n.a          | 77.9         | 31.4           | 15.3           | 20.1           | 7.8            |
| <b>Total</b>         | <b>318.6</b> | <b>332.6</b> | <b>466.8</b> | <b>294.4</b> | <b>426.7</b> | <b>913.2</b> | <b>1,079.2</b> | <b>1,075.7</b> | <b>1,695.4</b> | <b>1,319.6</b> |

Source:  
ASEAN Secretariat

Notes:

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

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

Data for 2018 are preliminary figures

**Table 7.9. Foreign Direct Investment (FDI) Inward Flows to Malaysia by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009           | 2010           | 2011            | 2012           | 2013            | 2014            | 2015            | 2016            | 2017           | 2018           |
|--------------------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| <b>ASEAN</b>             | <b>-60.2</b>   | <b>525.6</b>   | <b>2,664.3</b>  | <b>2,813.9</b> | <b>2,150.0</b>  | <b>2,284.0</b>  | <b>2,931.4</b>  | <b>2,098.7</b>  | <b>2,219.2</b> | <b>474.3</b>   |
| <b>REST OF THE WORLD</b> | <b>1,465.3</b> | <b>8,630.2</b> | <b>9,336.6</b>  | <b>6,586.1</b> | <b>9,957.1</b>  | <b>8,591.3</b>  | <b>7,248.6</b>  | <b>9,191.6</b>  | <b>7,076.6</b> | <b>7,597.3</b> |
| Australia                | 181.9          | 6.6            | 158.0           | 539.2          | 121.5           | -127.0          | -159.2          | -131.2          | -408.5         | 58.0           |
| Canada                   | 43.6           | -2.3           | 7.2             | 23.7           | 38.9            | 83.2            | 60.1            | -6.3            | -8.9           | -23.4          |
| China                    | -121.4         | -6.4           | -15.3           | 33.7           | 94.2            | 302.2           | 323.6           | 1,407.8         | 1,588.0        | 177.0          |
| EU-28                    | 2,396.1        | 1,979.6        | 2,587.3         | 1,521.8        | 1,736.8         | 2,984.3         | 1,376.9         | 1,409.6         | 2,366.0        | 2,236.2        |
| India                    | 108.0          | 40.5           | -60.7           | -22.8          | -26.9           | 6.7             | -11.5           | -55.7           | -61.5          | 168.4          |
| Japan                    | 162.7          | 908.5          | 3,153.7         | 1,887.1        | 2,569.5         | 670.0           | 2,538.8         | 850.8           | 1,164.4        | 1,194.4        |
| Korea, Republic of       | 108.4          | 1,460.5        | 142.3           | -58.2          | -165.0          | -254.4          | 152.4           | 359.7           | 216.7          | 13.8           |
| New Zealand              | -24.5          | 2.8            | 58.1            | 97.5           | 131.2           | 219.8           | 44.8            | -1.2            | 62.9           | -134.4         |
| Russian Federation       | -3.4           | -7.3           | -4.3            | 43.6           | 8.8             | -22.9           | -24.3           | -4.6            | 1.3            | -0.8           |
| USA                      | -2,278.5       | 2,491.8        | 1,171.9         | -670.5         | 186.9           | -520.1          | 1,491.3         | 1,174.0         | -1,160.0       | 1,627.2        |
| Others                   | 892.4          | 1,755.9        | 2,138.5         | 3,190.9        | 5,261.2         | 5,249.6         | 1,455.8         | 4,188.7         | 3,316.2        | 2,280.9        |
| <b>Total</b>             | <b>1,405.1</b> | <b>9,155.9</b> | <b>12,000.9</b> | <b>9,400.0</b> | <b>12,107.1</b> | <b>10,875.3</b> | <b>10,180.0</b> | <b>11,290.3</b> | <b>9,295.8</b> | <b>8,071.6</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures



**Table 7.10. Foreign Direct Investment (FDI) Inward Flows to Myanmar by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009         | 2010           | 2011           | 2012           | 2013           | 2014         | 2015           | 2016           | 2017           | 2018           |
|--------------------------|--------------|----------------|----------------|----------------|----------------|--------------|----------------|----------------|----------------|----------------|
| <b>ASEAN</b>             | <b>67.8</b>  | <b>25.5</b>    | <b>84.6</b>    | <b>151.2</b>   | <b>1,186.8</b> | <b>683.6</b> | <b>2,230.6</b> | <b>1,682.9</b> | <b>2,590.4</b> | <b>910.8</b>   |
| <b>REST OF THE WORLD</b> | <b>895.5</b> | <b>2,223.3</b> | <b>1,973.6</b> | <b>1,203.0</b> | <b>1,434.1</b> | <b>262.6</b> | <b>593.8</b>   | <b>1,306.6</b> | <b>1,412.0</b> | <b>699.0</b>   |
| Australia                | 0.0          | 4.4            | 12.4           | 1.7            | 0.1            | 0.2          | 0.0            | 0.7            | 0.6            | 16.9           |
| Canada                   | 0.0          | 0.0            | 0.0            | 0.0            | 0.1            | 0.0          | 0.1            | 0.1            | 2.8            | 15.9           |
| China                    | 370.7        | 1,520.9        | 670.6          | 482.2          | 792.6          | 70.5         | 52.4           | 205.5          | 554.4          | 75.3           |
| EU-28                    | 97.8         | 214.8          | 369.3          | 664.2          | 296.2          | 28.3         | 202.9          | 839.0          | 447.3          | 176.8          |
| India                    | 0.0          | 13.6           | 1.5            | 0.0            | 7.3            | 0.7          | 8.1            | 1.6            | -98.1          | -215.5         |
| Japan                    | 0.2          | 0.2            | 2.2            | 31.1           | 36.0           | 37.7         | 95.1           | 16.0           | 207.7          | 289.1          |
| Korea, Republic of       | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 11.1         | 37.0           | 35.3           | -189.2         | -462.6         |
| New Zealand              | 65.2         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 0.0            | 0.1            |
| Russian Federation       | 0.0          | 0.0            | 28.3           | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            |
| USA                      | 0.0          | 0.0            | 103.2          | 0.0            | 0.0            | 0.0          | 0.0            | 43.3           | 21.6           | 55.3           |
| Others                   | 361.6        | 469.4          | 786.1          | 23.8           | 301.8          | 114.1        | 198.2          | 165.0          | 464.9          | 747.7          |
| <b>Total</b>             | <b>963.3</b> | <b>2,248.8</b> | <b>2,058.2</b> | <b>1,354.2</b> | <b>2,620.9</b> | <b>946.2</b> | <b>2,824.5</b> | <b>2,989.5</b> | <b>4,002.4</b> | <b>1,609.8</b> |

Source:  
ASEAN Secretariat

Notes:  
Myanmar: figures are in fiscal year which ends in March of the following calendar year  
Data for 2018 are preliminary figures

**Table 7.11. Foreign Direct Investment (FDI) Inward Flows to Philippines by Source Country, 2009-2018**

(in US\$ million)

| Source Country       | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017            | 2018           |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| ASEAN <sup>1)</sup>  | -4.9           | 40.2           | -74.1          | 145.2          | -41.7          | 137.1          | 57.3           | 608.3          | 725.5           | 989.7          |
| REST OF THE WORLD    | 1,967.9        | 1,257.8        | 1,890.0        | 2,651.8        | 3,901.5        | 5,677.5        | 5,581.9        | 7,671.3        | 9,530.9         | 8,842.6        |
| Australia            | -0.3           | -12.2          | -0.4           | 234.9          | 3.2            | 84.0           | 41.3           | 27.2           | -2.6            | -147.9         |
| Canada               | -3.7           | 4.4            | 5.8            | 0.1            | 0.1            | 31.6           | -3.8           | 15.8           | -5.1            | -7.3           |
| China                | -3.3           | 0.2            | -4.1           | -1.6           | 6.0            | 46.6           | 59.0           | 16.9           | 28.8            | 198.7          |
| EU-28                | -66.6          | -1,482.3       | -306.5         | 146.1          | 47.2           | 376.8          | 1,182.8        | 1,671.6        | 1,786.9         | 340.4          |
| India                | 0.0            | 0.0            | -1.6           | -0.4           | -0.1           | -2.8           | 0.9            | -6.0           | 8.8             | 0.7            |
| Japan                | 591.4          | 17.7           | 255.7          | 52.8           | 437.5          | 408.1          | 472.0          | 2,727.1        | 72.1            | 218.9          |
| Korea, Republic of   | 14.5           | 6.5            | 20.6           | 3.7            | 2.4            | 576.5          | 131.2          | 176.6          | 13.0            | 48.5           |
| New Zealand          | 0.0            | 0.0            | 0.6            | -0.1           | -0.3           | -0.2           | 0.0            | 0.8            | -0.2            | -1.4           |
| Russian Federation   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | -0.1           | 0.3            | 0.0             | 0.0            |
| USA                  | 719.7          | 1,294.3        | 577.6          | 870.8          | -653.2         | 2,307.1        | 1,790.8        | 1,136.0        | 472.9           | 160.4          |
| Others <sup>2)</sup> | 716.4          | 1,429.4        | 1,342.3        | 1,345.7        | 4,058.6        | 1,849.7        | 1,907.7        | 1,905.0        | 7,156.4         | 8,031.5        |
| <b>Total</b>         | <b>1,963.0</b> | <b>1,298.0</b> | <b>1,815.9</b> | <b>2,797.0</b> | <b>3,859.8</b> | <b>5,814.6</b> | <b>5,639.2</b> | <b>8,279.5</b> | <b>10,256.4</b> | <b>9,832.3</b> |

Source:  
ASEAN Secretariat

Notes:

1) Excludes reinvested earnings in the Philippines

2) Includes unspecified country source for reinvested earning in Philippines

Data for 2018 are preliminary figures

**Table 7.12. Foreign Direct Investment (FDI) Inward Flows to Singapore by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>ASEAN</b>             | <b>4,076.0</b>  | <b>5,715.1</b>  | <b>1,991.6</b>  | <b>12,057.3</b> | <b>3,495.7</b>  | <b>4,734.5</b>  | <b>3,050.4</b>  | <b>6,353.7</b>  | <b>4,094.2</b>  | <b>3,394.6</b>  |
| <b>REST OF THE WORLD</b> | <b>14,840.8</b> | <b>51,499.0</b> | <b>37,895.0</b> | <b>48,044.6</b> | <b>53,175.2</b> | <b>68,550.0</b> | <b>56,651.9</b> | <b>67,510.7</b> | <b>71,640.3</b> | <b>74,235.9</b> |
| Australia                | -485.5          | 3,028.6         | 4,068.7         | -460.0          | 1,403.3         | 3,696.2         | 792.8           | 2,010.6         | 1,364.5         | 867.4           |
| Canada                   | 481.5           | 387.6           | 687.8           | 1,291.2         | 425.3           | 926.8           | 782.9           | 662.8           | 509.9           | 274.4           |
| China                    | 1,049.3         | 699.3           | 5,466.7         | 5,969.6         | 2,507.9         | 4,167.8         | 3,991.3         | 4,371.8         | 6,679.0         | 3,761.5         |
| EU-28                    | 1,336.0         | 16,928.7        | 15,991.1        | -7,442.8        | 14,313.4        | 23,877.7        | 15,265.7        | 32,336.4        | 3,819.1         | 17,924.7        |
| India                    | 93.4            | 3,642.5         | -2,096.8        | 6,981.5         | 1,675.4         | 1,188.3         | 1,368.1         | -283.6          | -125.0          | 1,264.3         |
| Japan                    | 0.3             | 2,816.9         | -1,826.7        | -1,718.9        | 2,661.9         | 3,014.0         | 1,794.1         | 3,584.0         | 3,795.3         | 4,996.2         |
| Korea, Republic of       | 540.6           | 948.0           | -101.3          | -309.6          | 823.3           | 356.3           | 1,312.5         | 2,435.5         | 693.5           | 2,304.5         |
| New Zealand              | -138.9          | 333.1           | -39.7           | -1,050.2        | 133.6           | 250.9           | -117.1          | 239.0           | 105.6           | -98.6           |
| Russian Federation       | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| USA                      | 3,305.5         | 6,915.2         | 6,465.0         | 13,784.2        | 9,923.0         | 18,287.2        | 17,783.6        | 18,940.7        | 27,719.8        | 4,320.3         |
| Others                   | 8,658.6         | 15,799.1        | 9,280.2         | 30,999.6        | 19,308.1        | 12,784.8        | 13,678.0        | 3,213.5         | 27,078.6        | 38,621.2        |
| <b>Total</b>             | <b>18,916.8</b> | <b>57,214.1</b> | <b>39,886.6</b> | <b>60,101.9</b> | <b>56,670.9</b> | <b>73,284.5</b> | <b>59,702.3</b> | <b>73,864.4</b> | <b>75,734.5</b> | <b>77,630.5</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.13. Foreign Direct Investment (FDI) Inward Flows to Thailand by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009           | 2010            | 2011           | 2012            | 2013            | 2014           | 2015           | 2016           | 2017           | 2018            |
|--------------------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|-----------------|
| <b>ASEAN</b>             | <b>2,685.9</b> | <b>2,220.9</b>  | <b>952.2</b>   | <b>-745.4</b>   | <b>528.2</b>    | <b>-940.7</b>  | <b>433.6</b>   | <b>2,003.4</b> | <b>1,814.0</b> | <b>1,671.2</b>  |
| <b>REST OF THE WORLD</b> | <b>3,725.6</b> | <b>12,525.8</b> | <b>1,521.5</b> | <b>13,644.4</b> | <b>15,407.8</b> | <b>5,916.2</b> | <b>8,494.0</b> | <b>806.8</b>   | <b>6,415.1</b> | <b>11,534.0</b> |
| Australia                | 124.7          | -23.4           | 6.3            | 276.5           | 343.8           | 79.5           | 661.9          | 42.0           | 80.7           | 48.0            |
| Canada                   | 793.5          | 782.7           | 50.2           | 2,351.5         | 130.0           | 900.7          | 241.2          | 76.5           | -127.4         | 22.0            |
| China                    | 169.1          | 633.4           | 20.9           | 598.5           | 938.9           | -221.3         | 238.1          | 1,071.9        | 72.9           | 662.4           |
| EU-28                    | 980.4          | 1,276.5         | 843.4          | 1,515.4         | -1,117.0        | 221.7          | 1,065.1        | -4,378.9       | 710.6          | 1,539.4         |
| India                    | 43.5           | 92.4            | 32.5           | 52.3            | 59.9            | -55.6          | -3.9           | 31.9           | 39.5           | 22.4            |
| Japan                    | 1,535.0        | 4,400.0         | -1,370.4       | 3,706.7         | 10,927.2        | 2,430.9        | 3,006.3        | 2,986.8        | 3,131.6        | 5,250.9         |
| Korea, Republic of       | 278.1          | 180.2           | 97.2           | 131.1           | 716.3           | 247.9          | 142.6          | 27.2           | 168.4          | 223.7           |
| New Zealand              | 11.6           | 3.3             | 5.6            | 7.1             | 4.8             | 4.9            | 1.1            | 1.6            | 2.6            | 6.5             |
| Russian Federation       | 13.9           | 15.6            | -49.7          | 61.3            | 167.9           | -97.8          | -7.8           | 37.4           | 40.9           | 45.2            |
| USA                      | -43.8          | 1,431.0         | 143.4          | 3,966.5         | 857.2           | 2,023.0        | 1,083.1        | 438.6          | -120.5         | 810.1           |
| Others                   | -180.2         | 3,733.8         | 1,742.2        | 977.5           | 2,379.0         | 382.4          | 2,066.3        | 471.7          | 2,416.0        | 2,903.3         |
| <b>Total</b>             | <b>6,411.5</b> | <b>14,746.7</b> | <b>2,473.7</b> | <b>12,899.0</b> | <b>15,936.0</b> | <b>4,975.5</b> | <b>8,927.6</b> | <b>2,810.2</b> | <b>8,229.1</b> | <b>13,205.1</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.14. Foreign Direct Investment (FDI) Inward Flows to Viet Nam by Source Country, 2009-2018**

(in US\$ million)

| Source Country           | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015            | 2016            | 2017            | 2018            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| <b>ASEAN</b>             | <b>428.7</b>   | <b>1,300.9</b> | <b>1,517.3</b> | <b>1,262.5</b> | <b>2,078.6</b> | <b>1,547.1</b> | <b>2,153.5</b>  | <b>2,306.6</b>  | <b>2,531.2</b>  | <b>2,851.3</b>  |
| <b>REST OF THE WORLD</b> | <b>7,171.3</b> | <b>6,699.1</b> | <b>6,001.7</b> | <b>7,105.5</b> | <b>6,821.4</b> | <b>7,653.0</b> | <b>9,646.5</b>  | <b>10,293.4</b> | <b>11,568.8</b> | <b>12,648.7</b> |
| Australia                | 36.1           | 16.6           | 91.2           | 5.8            | 52.2           | 62.1           | 104.3           | 231.4           | 62.5            | 266.2           |
| Canada                   | 6.6            | 17.6           | 19.7           | 11.1           | 10.5           | 125.2          | 3.1             | 35.0            | 17.8            | 37.5            |
| China                    | 111.7          | 115.1          | 382.6          | 190.0          | 948.2          | 209.6          | 381.0           | 969.4           | 852.0           | 1,077.3         |
| EU-28                    | 284.2          | 1,692.4        | 899.6          | 543.1          | 350.4          | 552.1          | 993.2           | 548.8           | 797.6           | 789.1           |
| India                    | 1.2            | 4.1            | 10.2           | 10.1           | 1.1            | 18.9           | 72.1            | 53.1            | 73.7            | 73.5            |
| Japan                    | 181.3          | 1,051.9        | 1,247.6        | 2,862.9        | 2,365.2        | 969.2          | 955.0           | 1,338.9         | 3,580.4         | 3,758.1         |
| Korea, Republic of       | 612.8          | 1,335.7        | 750.4          | 657.9          | 1,766.8        | 3,248.2        | 3,488.0         | 3,637.6         | 3,337.7         | 3,152.0         |
| New Zealand              | 7.8            | 0.2            | 0.0            | 0.0            | 0.6            | 1.8            | 5.7             | 9.6             | 1.4             | 3.3             |
| Russian Federation       | 117.4          | 31.0           | 19.8           | 73.3           | 420.5          | 4.8            | 6.2             | 29.3            | 17.1            | 18.6            |
| USA                      | 3,307.4        | 927.1          | 130.0          | 82.1           | 51.6           | 130.5          | 118.1           | 207.0           | 341.4           | 240.6           |
| Others                   | 2,505.0        | 1,507.5        | 2,450.5        | 2,669.3        | 854.3          | 2,330.6        | 3,519.8         | 3,233.3         | 2,487.3         | 3,232.5         |
| <b>Total</b>             | <b>7,600.0</b> | <b>8,000.0</b> | <b>7,519.0</b> | <b>8,368.0</b> | <b>8,900.0</b> | <b>9,200.1</b> | <b>11,800.0</b> | <b>12,600.0</b> | <b>14,100.0</b> | <b>15,500.0</b> |

Source:  
ASEAN Secretariat

Note:  
Data for 2018 are preliminary figures

**Table 7.15. ASEAN Top Ten Foreign Direct Investment (FDI) Country Source, 2015-2018**

| 2015                      |                         |              | 2016                      |                         |              | 2017                      |                         |              | 2018                     |                         |              |
|---------------------------|-------------------------|--------------|---------------------------|-------------------------|--------------|---------------------------|-------------------------|--------------|--------------------------|-------------------------|--------------|
| Country                   | Value<br>(US\$ Million) | Share<br>(%) | Country                   | Value<br>(US\$ Million) | Share<br>(%) | Country                   | Value<br>(US\$ Million) | Share<br>(%) | Country                  | Value<br>(US\$ Million) | Share<br>(%) |
| United States             | 22,912.5                | 19.3         | EU-28                     | 34,014.6                | 28.6         | ASEAN                     | 25,474.2                | 17.3         | ASEAN                    | 23,188.4                | 15.2         |
| ASEAN                     | 20,819.3                | 17.5         | ASEAN                     | 25,728.8                | 21.6         | United States             | 24,890.8                | 16.9         | EU-28                    | 21,613.5                | 14.1         |
| EU-28                     | 20,373.0                | 17.2         | United States             | 21,663.4                | 18.2         | Japan                     | 16,149.0                | 11.0         | Japan                    | 20,954.5                | 13.7         |
| Japan                     | 12,962.3                | 10.9         | Japan                     | 14,241.9                | 12.0         | EU-28                     | 14,916.2                | 10.1         | Hong Kong                | 10,111.0                | 6.6          |
| China                     | 6,571.8                 | 5.5          | Hong Kong                 | 9,860.7                 | 8.3          | China                     | 13,700.6                | 9.3          | China                    | 9,940.1                 | 6.5          |
| Korea, Republic of        | 5,608.8                 | 4.7          | China                     | 9,609.6                 | 8.1          | Hong Kong                 | 6,254.3                 | 4.3          | United States            | 8,340.7                 | 5.5          |
| Taiwan, Province of China | 2,544.0                 | 2.1          | Korea, Republic of        | 7,088.2                 | 6.0          | Korea, Republic of        | 4,535.2                 | 3.1          | Korea, Republic of       | 5,887.5                 | 3.9          |
| Switzerland               | 1,923.0                 | 1.6          | Taiwan, Province of China | 3,494.1                 | 2.9          | Switzerland               | 2,795.9                 | 1.9          | India                    | 1,516.1                 | 1.0          |
| British Virgin Islands    | 1,902.1                 | 1.6          | Australia                 | 2,218.2                 | 1.9          | Taiwan, Province of China | 2,068.7                 | 1.4          | Australia                | 1,215.5                 | 0.8          |
| India                     | 1,473.4                 | 1.2          | Canada                    | 808.9                   | 0.7          | Australia                 | 1,313.2                 | 0.9          | Virgin Islands, British  | 757.3                   | 0.5          |
| <b>Top Ten Countries</b>  | <b>97,090.3</b>         | <b>81.8</b>  | <b>Top Ten Countries</b>  | <b>128,728.4</b>        | <b>108.2</b> | <b>Top Ten Countries</b>  | <b>112,098.0</b>        | <b>76.2</b>  | <b>Top Ten Countries</b> | <b>103,524.6</b>        | <b>67.8</b>  |
| <b>Others</b>             | <b>21,576.8</b>         | <b>18.2</b>  | <b>Others</b>             | <b>-9,769.0</b>         | <b>-8.2</b>  | <b>Others</b>             | <b>34,987.2</b>         | <b>23.8</b>  | <b>Others</b>            | <b>49,230.7</b>         | <b>32.2</b>  |
| <b>TOTAL</b>              | <b>118,667.1</b>        | <b>100.0</b> | <b>TOTAL</b>              | <b>118,959.5</b>        | <b>100.0</b> | <b>TOTAL</b>              | <b>147,085.2</b>        | <b>100.0</b> | <b>TOTAL</b>             | <b>152,755.3</b>        | <b>100.0</b> |

Source:  
ASEAN Secretariat



# CHAPTER 8

## **Transport**





**Table 8.1. ASEAN Road Infrastructure, 2009-2018**

| Road Infrastructure          | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR  | Malaysia  | Myanmar   | Philippines | Singapore | Thailand  | Viet Nam  |
|------------------------------|------|-------------------|----------|-----------|----------|-----------|-----------|-------------|-----------|-----------|-----------|
| Total Length (Km)            | 2009 | 2,753.3           | 39,618.0 | 476,337.0 | 39,547.0 | 123,021.0 | 127,900.0 | 29,898.1    | 3,360.0   | 224,492.6 | 290,700.0 |
|                              | 2010 | 2,763.4           | 44,919.0 | 487,314.0 | 39,586.0 | 135,478.0 | 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 | 157,167.0 | 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 | 182,699.0 | 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 | 205,948.5 | 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 | 205,786.9 | 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 | 216,834.3 | 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 | 238,823.1 | 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 | -         | -        | -         | 162,766.2 | 32,932.7    | 3,515.0   | 456,486.8 | -         |
| Length of Paved Network (Km) | 2009 | 2,317.0           | 2,661.0  | 271,230.0 | 5,434.0  | 98,368.0  | 26,333.0  | 22,468.7    | 3,356.0   | 177,996.4 | 188,082.8 |
|                              | 2010 | 2,338.5           | 2,852.0  | 277,755.0 | 5,427.0  | 109,625.0 | 28,569.0  | 24,126.6    | 3,377.0   | 185,168.4 | 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   | 186,503.4 | 197,682.0 |
|                              | 2012 | 2,707.4           | 5,474.0  | 283,102.0 | 6,496.3  | 143,012.0 | 32,535.0  | 25,443.4    | 3,426.0   | 187,207.4 | 216,000.0 |
|                              | 2013 | 2,742.6           | 5,619.0  | 285,252.0 | 6,888.0  | 159,783.6 | 39,076.0  | 26,773.0    | 3,453.0   | 188,348.4 | 218,000.0 |
|                              | 2014 | 2,783.1           | 7,576.0  | 295,968.0 | 8,272.0  | 156,691.9 | 38,423.1  | 27,816.0    | 3,496.0   | 189,166.4 | 222,000.0 |
|                              | 2015 | 2,804.7           | 6,549.5  | 317,119.0 | 8,830.3  | 166,054.3 | 37,119.3  | 28,919.2    | 3,500.0   | 190,077.4 | 229,790.6 |
|                              | 2016 | 2,857.0           | 8,800.0  | 326,629.0 | 9,044.0  | 182,198.0 | 37,662.5  | 30,010.0    | 3,512.0   | 322,999.4 | 254,340.4 |
|                              | 2017 | 2,860.0           | 10,685.3 | -         | 9,251.0  | 181,518.5 | 39,496.5  | 31,035.3    | 3,500.0   | 327,431.2 | 262,857.3 |
|                              | 2018 | 2,863.0           | 11,096.4 | -         | -        | -         | 53,418.3  | 31,622.8    | 3,515.0   | 327,772.5 | -         |

Source:  
ASEAN Secretariat  
AMS' website

Note:  
\*- not available at the time of publication

**Table 8.2. ASEAN Road Fleet, 2009-2018**

| 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) | 2009 | 165.8             | 307.1    | 67,336.6  | 886.3   | 19,017.0 | 2,068.0 | 6,220.0     | 926.0     | 27,184.6 | 1,138.0  |
|  | 2010 | 113.7             | 261.0    | 76,907.1  | 1,008.9 | 20,189.0 | 2,299.0 | 6,634.9     | 946.0     | 28,484.8 | 1,274.0  |
|  | 2011 | 148.2             | 251.7    | 85,601.4  | 1,089.6 | 21,401.0 | 2,354.0 | 7,139.0     | 957.0     | 30,194.9 | 1,463.0  |
|  | 2012 | 238.0             | 271.2    | 94,373.0  | 1,288.3 | 22,702.0 | 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 | 23,819.0 | 4,017.0 | 7,690.0     | 974.2     | 34,624.4 | 1,669.0  |
|  | 2014 | 294.0             | 344.2    | 113,354.0 | 1,577.2 | 25,101.2 | 4,908.0 | 8,081.0     | 972.0     | 35,835.2 | 1,837.0  |
|  | 2015 | 391.0             | 398.5    | 120,786.0 | 1,717.5 | 26,302.0 | 5,385.0 | 8,707.0     | 957.2     | 36,731.0 | 2,107.0  |
|  | 2016 | 390.4             | 525.8    | 128,069.0 | 1,850.0 | 27,613.3 | 6,126.3 | 9,252.0     | 956.4     | 37,338.1 | 2,516.0  |
|  | 2017 | 409.0             | 441.8    | 130,562.0 | 1,978.0 | 28,738.2 | 6,801.0 | 10,411.0    | 961.8     | 38,308.8 | 2,902.0  |
|  | 2018 | 426.0             | 580.9    | -         | 2,105.0 | -        | 7,215.5 | 11,595.0    | 957.0     | 39,551.8 | -        |
| Number of public buses ('000)                            | 2009 | 1.16              | -        | 18.9      | -       | -        | 25.0    | 26.0        | 4.1       | 84.7     | -        |
|  | 2010 | 1.08              | -        | 20.8      | -       | -        | 28.0    | 23.0        | 4.0       | 87.5     | 86.0     |
|  | 2011 | 1.59              | -        | 21.2      | -       | -        | 25.0    | 25.0        | 4.1       | 89.1     | 70.7     |
|  | 2012 | 0.11              | -        | 21.7      | 0.03    | -        | 23.0    | 27.0        | 4.2       | 88.9     | 78.5     |
|  | 2013 | 0.11              | -        | 22.9      | 0.04    | 42.0     | 24.0    | 24.0        | 5.0       | 87.5     | -        |
|  | 2014 | 0.12              | -        | 22.5      | 0.05    | 42.8     | 83.1    | 17.0        | 5.0       | 86.4     | -        |
|  | 2015 | 0.12              | -        | 23.5      | 0.06    | 44.6     | 29.2    | 18.0        | 5.0       | 85.8     | -        |
|  | 2016 | 0.12              | -        | 22.7      | 0.07    | 45.2     | 33.0    | 17.0        | 5.0       | 83.8     | -        |
|  | 2017 | 0.14              | -        | 16.2      | 0.07    | 40.1     | 33.0    | 19.0        | 5.0       | 78.9     | -        |
|  | 2018 | -                 | -        | -         | 0.70    | -        | 33.0    | 19.0        | 6.0       | 75.8     | -        |

**Table 8.2. ASEAN Road Fleet, 2009-2018 (Continued)**

| Road Fleet                                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|--|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Total Vehicles per 1000 population         | 2009 | 436.3             | 21.8     | 291.0     | 144.6   | 677.2    | 41.3    | 67.4        | 185.7     | 406.3    | 13.2     |
|  | 2010 | 293.8             | 18.2     | 328.4     | 161.3   | 706.2    | 45.5    | 71.2        | 186.3     | 432.1    | 14.7     |
|  | 2011 | 376.7             | 17.3     | 353.7     | 170.6   | 736.4    | 46.9    | 75.3        | 184.6     | 456.0    | 16.7     |
|  | 2012 | 595.3             | 18.4     | 384.5     | 197.8   | 769.3    | 71.3    | 77.3        | 182.6     | 488.4    | 17.9     |
|  | 2013 | 642.5             | 19.2     | 417.6     | 216.6   | 788.4    | 78.5    | 78.3        | 180.4     | 518.7    | 18.6     |
|  | 2014 | 713.8             | 23.1     | 449.5     | 231.6   | 817.4    | 94.4    | 80.9        | 177.7     | 534.8    | 20.2     |
|  | 2015 | 948.1             | 26.2     | 472.8     | 264.6   | 843.4    | 102.7   | 85.7        | 172.9     | 546.3    | 23.0     |
|  | 2016 | 935.6             | 34.0     | 495.0     | 279.4   | 872.9    | 115.8   | 89.6        | 170.6     | 553.5    | 27.1     |
|  | 2017 | 952.2             | 28.1     | 498.5     | 292.9   | 897.4    | 127.4   | 99.2        | 171.4     | 566.3    | 31.0     |
|  | 2018 | 962.9             | 36.3     | -         | 305.6   | -        | 134.6   | 108.8       | 169.7     | 583.1    | -        |
| Number of public buses per 1000 population | 2009 | 3.0               | -        | 0.1       | -       | -        | 0.5     | 0.3         | 0.8       | 1.3      | -        |
|  | 2010 | 2.8               | -        | 0.1       | -       | -        | 0.6     | 0.2         | 0.8       | 1.3      | 1.0      |
|  | 2011 | 4.0               | -        | 0.1       | -       | -        | 0.5     | 0.3         | 0.8       | 1.3      | 0.8      |
|  | 2012 | 0.3               | -        | 0.1       | 0.005   | -        | 0.5     | 0.3         | 0.8       | 1.3      | 0.9      |
|  | 2013 | 0.3               | -        | 0.1       | 0.005   | 1.4      | 0.5     | 0.2         | 0.9       | 1.3      | -        |
|  | 2014 | 0.3               | -        | 0.1       | 0.007   | 1.4      | 1.6     | 0.2         | 0.9       | 1.3      | -        |
|  | 2015 | 0.3               | -        | 0.1       | 0.009   | 1.4      | 0.6     | 0.2         | 0.9       | 1.3      | -        |
|  | 2016 | 0.3               | -        | 0.1       | 0.010   | 1.4      | 0.6     | 0.2         | 0.9       | 1.2      | -        |
|  | 2017 | 0.3               | -        | 0.1       | 0.010   | 1.3      | 0.6     | 0.2         | 0.9       | 1.2      | -        |
|  | 2018 | -                 | -        | -         | 0.102   | -        | 0.6     | 0.2         | 1.1       | 1.1      | -        |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.3. ASEAN Railways, 2009-2018**

| Railways,<br>Passengers and<br>Freights | Year | Brunei<br>Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar  | Philippines | Singapore | Thailand  | Viet Nam |
|---|------|----------------------|----------|-----------|---------|----------|----------|-------------|-----------|-----------|----------|
| Route Length<br>(Km)                    | 2009 | n.a.                 | 652.0    | 4,812.0   | n.a.    | 1,665.0  | 5,301.3  | 523.2       | n.a.      | 4,062.6   | 2,576.6  |
|   | 2010 | n.a.                 | 652.0    | 4,816.0   | 3.5     | 1,665.1  | 5,672.2  | 528.7       | n.a.      | 4,091.1   | 2,576.6  |
|   | 2011 | n.a.                 | 652.0    | 4,827.0   | 3.5     | 1,641.4  | 5,844.0  | 528.7       | n.a.      | 4,091.1   | 2,600.0  |
|   | 2012 | n.a.                 | 652.0    | 4,861.0   | 3.5     | 1,641.4  | 5,844.0  | 528.7       | n.a.      | 4,091.1   | 2,600.0  |
|   | 2013 | n.a.                 | 650.0    | 5,107.0   | 3.5     | 1,641.4  | 5,959.0  | 528.7       | n.a.      | 4,091.1   | 3,143.0  |
|   | 2014 | n.a.                 | 650.0    | 5,196.0   | 3.5     | 1,641.0  | 6,110.5  | 528.7       | n.a.      | 4,091.1   | 3,143.0  |
|   | 2015 | n.a.                 | 650.0    | 5,334.3   | 3.5     | 1,641.4  | 6,110.5  | 528.7       | n.a.      | 4,091.1   | 3,147.0  |
|   | 2016 | n.a.                 | 650.0    | 5,368.2   | 3.5     | 1,641.4  | 6,076.7  | 528.7       | n.a.      | 4,114.1   | 3,160.0  |
|   | 2017 | n.a.                 | 650.0    | 5,550.6   | 3.5     | 1,833.0  | 6,112.3  | 528.7       | n.a.      | 4,115.1   | 3,160.0  |
|   | 2018 | n.a.                 | 650.0    | -         | 3.5     | -        | 6,112.3  | 528.7       | n.a.      | 4,115.1   | -        |
| Passengers Carried<br>('000)            | 2009 | n.a.                 | n.a.     | 207,131.0 | n.a.    | 4,267.0  | 72,300.0 | 365,065.2   | n.a.      | 111,687.8 | 11,100.0 |
|   | 2010 | n.a.                 | n.a.     | 201,930.0 | 120.0   | 4,216.0  | 68,800.0 | 381,997.0   | n.a.      | 110,642.7 | 11,200.0 |
|   | 2011 | n.a.                 | n.a.     | 191,686.0 | 120.0   | 3,686.0  | 66,900.0 | 395,336.1   | n.a.      | 124,917.5 | 11,900.0 |
|   | 2012 | n.a.                 | n.a.     | 202,881.0 | 340.0   | 3,056.0  | 54,800.0 | 431,196.0   | n.a.      | 136,530.5 | 12,200.0 |
|   | 2013 | n.a.                 | n.a.     | 220,414.1 | 320.0   | 2,703.0  | 53,700.0 | 438,777.2   | n.a.      | 139,154.5 | 12,100.0 |
|   | 2014 | n.a.                 | n.a.     | 277,683.0 | 380.0   | 2,223.0  | 49,536.0 | 435,583.2   | n.a.      | 145,854.6 | 12,000.0 |
|   | 2015 | n.a.                 | n.a.     | 327,824.0 | 380.0   | 2,014.0  | 42,707.0 | 340,885.7   | n.a.      | 149,458.6 | 11,200.0 |
|   | 2016 | n.a.                 | 14.0     | 358,000.0 | 308.0   | 2,791.0  | 42,602.0 | 370,813.2   | n.a.      | 157,984.8 | 9,800.0  |
|   | 2017 | n.a.                 | 39.1     | 360,176.8 | 320.0   | 3,092.0  | 46,937.0 | 379,074.4   | n.a.      | 177,059.9 | 9,500.0  |
|   | 2018 | n.a.                 | 0.6      | 422,129.0 | 320.0   | 3,527.0  | 43,611.0 | 296,000.0   | n.a.      | 191,973.8 | 8,600.0  |

**Table 8.3. ASEAN Railways, 2009-2018 (Continued)**

| Railways,<br>Passengers and<br>Freights             | Year | Brunei<br>Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|----------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Passenger-Kilometer<br>(Mn passenger-<br>kilometer) | 2009 | n.a.                 | -        | 20.7      | n.a.    | 1,522.0  | 5,296.4 | 28,004.2    | n.a.      | 8,879.5  | 4,138.1  |
|   | 2010 | n.a.                 | -        | 20.3      | 0.4     | 1,528.9  | 5,335.6 | 31,404.0    | n.a.      | 8,414.5  | 4,377.9  |
|   | 2011 | n.a.                 | -        | 17.8      | 0.5     | 1,425.6  | 5,281.5 | 32,500.6    | n.a.      | 7,859.3  | 4,571.0  |
|   | 2012 | n.a.                 | -        | 15.3      | 0.9     | 1,216.1  | 3,921.2 | 35,448.6    | n.a.      | 7,981.6  | 4,600.6  |
|   | 2013 | n.a.                 | -        | 17.6      | 0.9     | 1,080.9  | 3,610.1 | 36,071.9    | n.a.      | 7,233.0  | 4,416.6  |
|   | 2014 | n.a.                 | -        | 15.2      | 1.2     | 618.0    | 3,465.9 | 35,809.3    | n.a.      | 6,957.7  | 4,481.9  |
|   | 2015 | n.a.                 | -        | 22.1      | 0.9     | 428.0    | 3,110.5 | 28,024.2    | n.a.      | 6,638.9  | 4,149.6  |
|   | 2016 | n.a.                 | -        | 21.6      | 0.1     | 272.0    | 3,111.9 | 30,484.6    | n.a.      | 6,654.4  | 3,391.2  |
|   | 2017 | n.a.                 | -        | 16.2      | 0.7     | 179.6    | 3,200.4 | 31,163.7    | n.a.      | 7,135.9  | 3,657.7  |
|   | 2018 | n.a.                 | -        | -         | 0.1     | 178.0    | 3,073.0 | 55,820.6    | n.a.      | 6,580.5  | -        |
| Freight-Kilometer<br>(Mn ton kilometer)             | 2009 | n.a.                 | 30.0     | 5.6       | n.a.    | 1,384.0  | 1,020.7 | n.a.        | n.a.      | 2,533.0  | 3,864.5  |
|   | 2010 | n.a.                 | 0.03     | 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.                 | 0.0      | 7.3       | -       | 1,564.0  | 1,041.0 | n.a.        | n.a.      | 2,342.0  | 4,023.4  |
|   | 2013 | n.a.                 | 0.0      | 8.2       | -       | 1,760.0  | 841.3   | n.a.        | n.a.      | 2,566.4  | 3,804.1  |
|   | 2014 | n.a.                 | 0.0      | 9.5       | -       | 1,741.0  | 812.4   | n.a.        | n.a.      | 2,294.9  | 4,311.5  |
|   | 2015 | n.a.                 | 0.0      | 6.8       | -       | 1,474.0  | 770.3   | n.a.        | n.a.      | 2,545.3  | 4,035.5  |
|   | 2016 | n.a.                 | 0.0      | 11.2      | -       | 1,349.0  | 706.0   | n.a.        | n.a.      | 2,646.5  | 3,208.7  |
|   | 2017 | n.a.                 | 0.0      | 13.4      | -       | 1,233.6  | 679.7   | n.a.        | n.a.      | 2,846.1  | 3,600.0  |
|   | 2018 | n.a.                 | 0.0      | -         | -       | 1,315.0  | 728.7   | n.a.        | n.a.      | 2,769.1  | -        |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2009-2018**

| Maritime Port and Fleet            | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|------------------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| No of Domestic Ports               | 2009 | 1                 | 7        | 1,906     | n.a.    | 14       | 22      | 395         | n.a.      | 212      | n.a.     |
|                                    | 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        | -         | n.a.    | -        | 22      | 597         | n.a.      | 382      | n.a.     |
| Domestic Passengers Traffic ('000) | 2009 | n.a.              | -        | 7,665.8   | n.a.    | 11,462.0 | 205.2   | 56,885.6    | n.a.      | 12,055.7 | 303.3    |
|                                    | 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.    | -        | 1.4     | 98,278.2    | n.a.      | 35,258.9 | -        |

**Table 8.4. ASEAN Domestic Maritime: Number of Ports and Fleet, 2009-2018 (Continued)**

| Maritime Port and Fleet              | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam  |
|--------------------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|-----------|
| Domestic Cargo Throughput ('000 ton) | 2009 | 2.0               | 1,578.0  | 286,367.0 | n.a.    | -        | 1,907.0 | 71,936.0    | n.a.      | 29,311.4 | 60,227.0  |
|                                      | 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  | 320,990.0 | 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 | -                 | -        | -         | n.a.    | -        | 4,535.0 | 146,903.0   | n.a.      | 63,227.1 | -         |

Source:  
ASEAN Secretariat  
AMS' website

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

**Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2009-2018**

| Maritime Port and Fleet                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| No. of International Ports              | 2009 | 1                 | 2        | 141       | n.a.    | 10       | 9       | 171         | 2         | 7        | 242      |
|   | 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        | -         | n.a.    | -        | 9       | 205         | 2         | 7        | -        |
| International Passengers Traffic ('000) | 2009 | n.a               | 20.0     | 1,815.0   | n.a.    | 1,998.0  | 3.4     | 51.0        | -         | 347.8    | -        |
|   | 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     | -         | n.a.    | -        | 8.5     | 482.0       | -         | 644.0    | -        |



**Table 8.5. ASEAN International Maritime: Number of Ports and Fleet, 2009-2018 (Continued)**

| Maritime Port and Fleet                                 | Year | Brunei Darussalam | Cambodia | Indonesia   | Lao PDR | Malaysia  | Myanmar  | Philippines | Singapore | Thailand  | Viet Nam  |
|---|------|-------------------|----------|-------------|---------|-----------|----------|-------------|-----------|-----------|-----------|
| International Cargo Throughput ('000 ton)               | 2009 | 927.0             | 1,874.1  | 550,955.0   | n.a.    | 395,284.0 | 19,066.0 | 77,958.0    | 472,300.3 | 131,528.9 | 170,802.0 |
|   | 2010 | 1,050.0           | 2,208.3  | 567,208.0   | n.a.    | 449,787.0 | 19,798.0 | 96,598.0    | 503,342.0 | 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   | 538,021.1 | 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   | 560,887.9 | 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   | 575,845.0 | 208,427.2 | 231,918.0 |
|   | 2016 | 1,846.0           | 4,040.2  | 982,350.0   | n.a.    | 569,120.0 | 32,550.0 | 149,393.0   | 593,297.0 | 211,894.5 | 255,473.0 |
|   | 2017 | 1,873.0           | 4,367.7  | 1,172,091.0 | n.a.    | 544,711.0 | 36,240.0 | 152,063.0   | 627,688.0 | 215,869.0 | 281,486.0 |
|   | 2018 | 1,350.0           | 5,328.0  | -           | n.a.    | 570,701.0 | 34,745.0 | 169,966.0   | 630,125.0 | 228,760.3 | -         |
| International Cargo Throughput ('000 TEU) <sup>1)</sup> | 2009 | 85.5              | 208.0    | 443.0       | n.a.    | 15,859.1  | 264.0    | 2,418.0     | 25,866.6  | 5,922.2   | 4,437.0   |
|   | 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   | -         |

Source:  
ASEAN Secretariat  
AMS<sup>1)</sup> website

Notes:

"-" not available at the time of publication

n.a. not applicable

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

**Table 8.6. ASEAN Domestic Civil Aviation, 2009-2018**

| Civil Aviation                     | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|------------------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| No of Domestic Airports            | 2009 | n.a.              | 5        | 188       | 9       | 19       | 30      | 76          | n.a.      | 28       | 14       |
|                                    | 2010 | n.a.              | 5        | 233       | 9       | 19       | 30      | 76          | n.a.      | 28       | 14       |
|                                    | 2011 | n.a.              | 5        | 240       | 9       | 19       | 30      | 76          | n.a.      | 28       | 14       |
|                                    | 2012 | n.a.              | 5        | 245       | 9       | 19       | 30      | 75          | n.a.      | 28       | 12       |
|                                    | 2013 | n.a.              | 5        | 237       | 9       | 19       | 30      | 74          | n.a.      | 28       | 12       |
|                                    | 2014 | n.a.              | 5        | 237       | 9       | 19       | 30      | 74          | n.a.      | 28       | 13       |
|                                    | 2015 | n.a.              | 5        | 237       | 9       | 19       | 30      | 75          | n.a.      | 29       | 13       |
|                                    | 2016 | n.a.              | 5        | 267       | 9       | 19       | 31      | 75          | n.a.      | 29       | 13       |
|                                    | 2017 | n.a.              | 5        | 265       | 9       | 19       | 31      | 75          | n.a.      | 29       | 13       |
|                                    | 2018 | n.a.              | 5        | -         | 9       | -        | 31      | 75          | n.a.      | 29       | -        |
| Domestic Passengers Traffic ('000) | 2009 | n.a.              | 143.0    | 43,808.0  | 243.0   | 29,235.0 | 772.6   | 29,181.0    | n.a.      | 26,492.2 | 8,585.5  |
|                                    | 2010 | n.a.              | 136.0    | 51,775.0  | 283.0   | 30,791.0 | 862.1   | 33,524.5    | n.a.      | 27,259.6 | 10,348.5 |
|                                    | 2011 | n.a.              | 144.0    | 60,197.0  | 311.3   | 34,239.0 | 1,381.2 | 37,848.3    | n.a.      | 31,690.9 | 11,918.4 |
|                                    | 2012 | n.a.              | 172.0    | 71,421.5  | 463.0   | 35,634.0 | 1,602.1 | 43,188.3    | n.a.      | 36,320.0 | 12,159.0 |
|                                    | 2013 | n.a.              | 214.0    | 75,770.0  | 447.4   | 42,983.8 | 1,774.6 | 41,322.3    | n.a.      | 42,445.7 | 14,300.0 |
|                                    | 2014 | n.a.              | 299.0    | 76,498.0  | 512.2   | 45,103.8 | 1,965.5 | 41,777.4    | n.a.      | 49,929.0 | 17,162.0 |
|                                    | 2015 | n.a.              | 436.0    | 76,630.0  | 494.9   | 45,931.0 | 2,097.3 | 44,183.6    | n.a.      | 62,293.4 | 21,260.1 |
|                                    | 2016 | n.a.              | 423.0    | 83,308.0  | 506.0   | 47,965.8 | 2,352.5 | 48,099.8    | n.a.      | 70,168.0 | 27,883.1 |
|                                    | 2017 | n.a.              | 572.0    | 96,890.0  | 810.0   | 49,739.6 | 2,892.6 | 51,527.7    | n.a.      | 75,329.4 | 31,112.5 |
|                                    | 2018 | n.a.              | 636.0    | -         | 1,010.0 | 50,186.2 | 2,823.0 | 41,701.3    | n.a.      | 78,928.7 | -        |

**Table 8.6. ASEAN Domestic Civil Aviation, 2009-2018 (Continued)**

| Civil Aviation                    | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|-----------------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Domestic Cargo Traffic ('000 ton) | 2009 | n.a.              | 0.0      | 344.1     | 0.4     | 151.0    | 3.4     | 349.2       | n.a.      | 302.4    | 100.3    |
|                                   | 2010 | n.a.              | 0.0      | 415.6     | 0.7     | 174.0    | 0.8     | 316.2       | n.a.      | 402.7    | 123.5    |
|                                   | 2011 | n.a.              | 0.0      | 484.0     | 0.4     | 178.0    | 0.9     | 315.3       | n.a.      | 455.4    | 129.2    |
|                                   | 2012 | n.a.              | 0.0      | 572.0     | 0.5     | 167.3    | 1.3     | 361.8       | n.a.      | 453.1    | 121.6    |
|                                   | 2013 | n.a.              | 6.0      | 539.0     | 1.6     | 168.4    | 2.4     | 348.1       | n.a.      | 384.4    | 129.5    |
|                                   | 2014 | n.a.              | 183.0    | 584.0     | 1.5     | 181.5    | 4.0     | 378.0       | n.a.      | 387.8    | 151.4    |
|                                   | 2015 | n.a.              | 252.0    | 564.0     | 1.1     | 193.0    | 1.7     | 555.3       | n.a.      | 353.1    | 170.9    |
|                                   | 2016 | n.a.              | 153.0    | 604.0     | 0.7     | 188.9    | 1.4     | 571.2       | n.a.      | 358.6    | 184.9    |
|                                   | 2017 | n.a.              | 76.0     | 587.0     | 1.1     | 189.3    | 1.9     | 530.2       | n.a.      | 337.8    | 166.6    |
|                                   | 2018 | n.a.              | -        | -         | 1.4     | 197.4    | 1.4     | 632.0       | n.a.      | 307.2    | -        |
| No. of Aircraft Traffic ('000)    | 2009 | n.a.              | 6.5      | 390.6     | -       | 350.9    | 21.8    | 533.1       | n.a.      | 231.0    | 66.6     |
|                                   | 2010 | n.a.              | 5.5      | 417.7     | -       | 383.5    | 23.9    | 462.1       | n.a.      | 260.5    | 82.3     |
|                                   | 2011 | n.a.              | 6.0      | 504.5     | -       | 416.9    | 38.1    | 598.4       | n.a.      | 307.0    | 102.5    |
|                                   | 2012 | n.a.              | 6.3      | 614.7     | 196.3   | 417.3    | 45.9    | 688.9       | n.a.      | 336.4    | 105.3    |
|                                   | 2013 | n.a.              | 8.7      | 638.0     | 215.8   | 501.7    | 50.0    | 595.7       | n.a.      | 383.0    | -        |
|                                   | 2014 | n.a.              | 9.9      | 636.4     | 240.4   | 543.7    | 56.3    | 618.2       | n.a.      | 447.7    | -        |
|                                   | 2015 | n.a.              | 12.7     | 659.1     | 252.4   | 558.2    | 63.0    | 651.3       | n.a.      | 517.1    | -        |
|                                   | 2016 | n.a.              | 12.0     | 764.2     | 270.0   | 551.5    | 61.6    | 744.2       | n.a.      | 555.7    | -        |
|                                   | 2017 | n.a.              | 16.8     | 829.6     | 399.2   | 557.5    | 62.0    | 831.1       | n.a.      | 583.2    | -        |
|                                   | 2018 | n.a.              | 16.9     | -         | 347.6   | 558.7    | 53.6    | 520.7       | n.a.      | 601.4    | -        |

Source:  
ASEAN Secretariat  
AMS' website

Notes:  
\*.\* not available at the time of publication  
n.a. not applicable

**Table 8.7. ASEAN International Civil Aviation, 2009-2018**

| Indicator                               | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| No of International Airports            | 2009 | 1                 | 3        | 27        | 4       | 6        | 2       | 9           | 2         | 7        | 6        |
|   | 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        | -         | 4       | -        | 3       | 11          | 2         | 7        | -        |
| International Passengers Traffic ('000) | 2009 | 1,528.0           | 2,524.0  | 5,004.0   | 337.2   | 22,881.0 | 967.5   | 12,762.1    | 36,089.0  | 31,649.5 | 8,906.7  |
|   | 2010 | 1,699.0           | 3,052.0  | 6,614.0   | 472.0   | 27,574.0 | 1,212.3 | 14,451.7    | 40,924.0  | 35,512.6 | 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  | 41,857.8 | 11,820.7 |
|   | 2012 | 1,681.0           | 3,997.0  | 9,938.3   | 642.0   | 32,396.9 | 2,034.7 | 17,432.7    | 49,910.0  | 47,096.9 | 13,203.0 |
|   | 2013 | 1,715.0           | 4,606.0  | 10,964.0  | 728.7   | 38,032.4 | 2,651.8 | 18,582.3    | 52,775.0  | 54,894.7 | 14,868.0 |
|   | 2014 | 1,647.0           | 5,169.0  | 23,103.0  | 921.2   | 39,984.2 | 3,187.2 | 19,402.8    | 53,288.0  | 50,199.0 | 15,332.0 |
|   | 2015 | 1,717.0           | 5,606.0  | 25,212.0  | 1,073.0 | 40,017.0 | 3,428.1 | 21,279.7    | 54,835.6  | 61,657.7 | 17,696.1 |
|   | 2016 | 1,726.0           | 6,201.0  | 26,692.0  | 944.0   | 43,490.7 | 4,027.0 | 23,796.9    | 58,158.0  | 67,913.8 | 20,682.0 |
|   | 2017 | 1,726.0           | 7,666.0  | 31,556.0  | 1,620.0 | 49,783.3 | 4,377.7 | 26,812.5    | 61,574.0  | 75,961.9 | 25,330.2 |
|   | 2018 | 1,774.0           | 9,376.0  | -         | 2,306.0 | 52,246.8 | 4,465.8 | 28,914.7    | 64,889.0  | 81,332.7 | -        |
| Cargo Loaded ('000 ton)                 | 2009 | 7.0               | 7.3      | 46.5      | 0.4     | 354.0    | 7.2     | 145.3       | 787.1     | 611.3    | 129.3    |
|   | 2010 | 1.0               | 8.5      | 79.5      | 0.4     | 393.0    | 9.3     | 172.4       | 872.4     | 752.7    | 186.1    |
|   | 2011 | 1.0               | 9.7      | 72.2      | 0.9     | 375.0    | 9.6     | 158.3       | 882.1     | 715.7    | 185.7    |
|   | 2012 | 3.0               | 12.3     | 90.7      | 1.0     | 361.0    | 7.2     | 169.6       | 853.0     | 721.0    | 216.6    |
|   | 2013 | 1.0               | 16.7     | 192.0     | 0.1     | 355.5    | 8.3     | 158.1       | 842.0     | 665.3    | 469.9    |
|   | 2014 | 1.0               | 17.0     | 206.0     | 0.6     | 392.0    | 9.5     | 210.8       | 839.0     | 704.9    | 313.4    |
|   | 2015 | 1.0               | 18.0     | 195.0     | 0.2     | 374.0    | 8.4     | 185.7       | 837.8     | 711.7    | 321.7    |
|   | 2016 | 1.0               | 24.2     | 204.0     | 2.4     | 331.4    | 13.2    | 178.2       | 885.0     | 745.5    | 337.7    |
|   | 2017 | 1.0               | 37.0     | 224.0     | 1.4     | 367.1    | 25.2    | 223.4       | 969.5     | 822.9    | 421.9    |
|   | 2018 | 1.0               | 30.4     | 207.6     | 2.6     | 361.1    | 25.0    | 234.2       | 990.1     | 862.5    | -        |

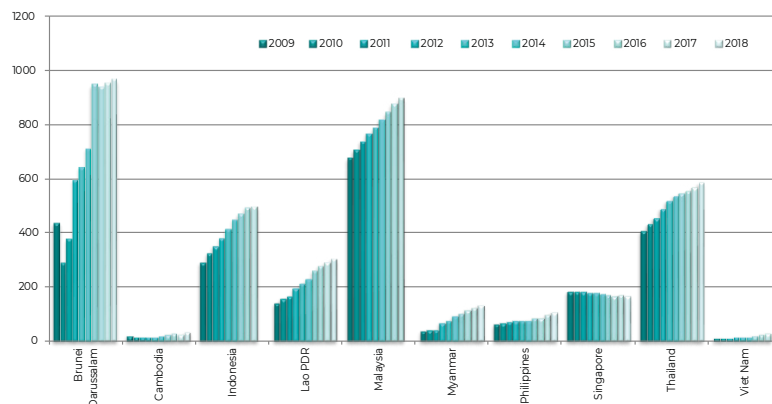
**Table 8.7. ASEAN International Civil Aviation, 2009-2018 (Continued)**

| Indicator                 | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam |
|---------------------------|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|
| Cargo Unloaded ('000 ton) | 2009 | 12.0              | 7.8      | 132.1     | -       | 301.0    | 6.3     | 533.1       | 847.0     | 400.0    | 122.8    |
|                           | 2010 | 5.0               | 9.1      | 158.0     | -       | 352.0    | 6.4     | 462.1       | 941.0     | 518.2    | 153.3    |
|                           | 2011 | 8.0               | 1.0      | 162.2     | 0.6     | 348.0    | 6.3     | 598.4       | 983.0     | 560.1    | 163.0    |
|                           | 2012 | 7.0               | 15.4     | 193.6     | 1.0     | 352.0    | 8.0     | 688.9       | 976.0     | 588.0    | 191.8    |
|                           | 2013 | 8.0               | 14.8     | 208.0     | 0.0     | 373.3    | 10.7    | 595.7       | 996.0     | 550.5    | -        |
|                           | 2014 | 6.0               | 15.7     | 187.0     | 0.7     | 413.9    | 15.0    | 618.2       | 1,005.0   | 525.2    | -        |
|                           | 2015 | 8.0               | 19.0     | 195.0     | 0.4     | 393.0    | 17.9    | 651.3       | 1,015.3   | 526.3    | -        |
|                           | 2016 | 7.0               | 22.1     | 188.0     | 1.4     | 353.1    | 21.4    | 744.2       | 1,084.0   | 586.7    | -        |
|                           | 2017 | 7.0               | 27.2     | 224.0     | 0.4     | 391.8    | 29.7    | 831.1       | 1,156.0   | 659.4    | -        |
|                           | 2018 | 7.0               | 42.8     | -         | 2.3     | 407.3    | 29.6    | 520.7       | 1,164.8   | 686.2    | -        |
| Aircraft Traffic ('000)   | 2009 | 24.9              | 32.2     | 42.9      | -       | 184.9    | 7.9     | 75.1        | 240.4     | 202.4    | 67.4     |
|                           | 2010 | 29.4              | 34.1     | 50.8      | -       | 206.5    | 11.2    | 49.7        | 265.6     | 218.8    | 75.3     |
|                           | 2011 | 27.8              | 37.4     | 61.8      | -       | 227.9    | 14.2    | 90.3        | 301.7     | 257.3    | 85.4     |
|                           | 2012 | 22.7              | 40.4     | 69.9      | -       | 241.6    | 18.4    | 100.7       | 324.7     | 276.8    | 93.3     |
|                           | 2013 | 25.5              | 47.4     | 83.0      | -       | 274.2    | 25.3    | 112.5       | 343.8     | 331.8    | -        |
|                           | 2014 | 24.7              | 51.0     | 163.0     | -       | 290.8    | 30.0    | 116.7       | 341.4     | 321.9    | -        |
|                           | 2015 | 25.6              | 52.9     | 174.2     | -       | 299.0    | 30.8    | 129.3       | 346.3     | 380.1    | -        |
|                           | 2016 | 24.2              | 57.0     | 174.6     | -       | 302.6    | 36.9    | 134.5       | 360.5     | 416.2    | -        |
|                           | 2017 | 24.2              | 67.9     | 198.2     | -       | 337.1    | 41.7    | 148.2       | 373.2     | 441.4    | -        |
|                           | 2018 | 20.4              | 82.3     | -         | -       | 357.3    | 40.6    | 155.3       | 386.0     | 478.0    | -        |

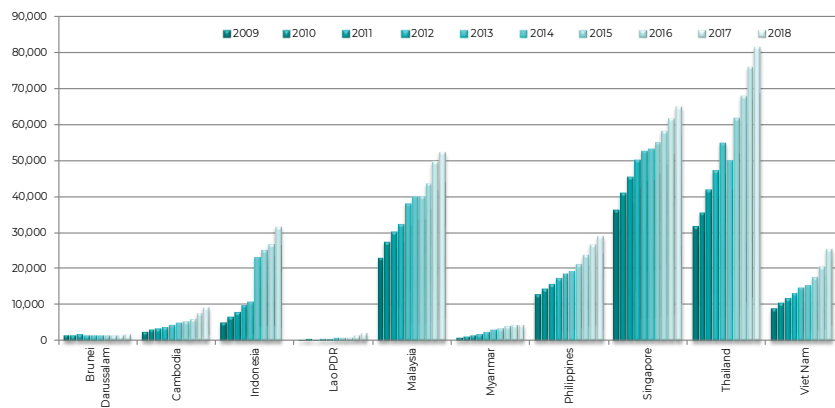
Source:  
ASEAN Secretariat  
AMS' website

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

**Chart 8.1. Total Number of Vehicles in ASEAN per 1000 Population, 2009-2018**



**Chart 8.2. International Air Passenger Traffic in ASEAN, 2009-2018**





CHAPTER 9

# **Tourism**





**Table 9.1. Visitor Arrivals in ASEAN by Country of Destination, 2009-2018**

(in thousand)

| Country of Destination          | 2009            | 2010            | 2011            | 2012            | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam <sup>1)</sup> | 157.5           | 214.3           | 242.1           | 209.1           | 3,279.2          | 3,885.5          | 218.2            | 218.8            | 259.0            | 278.1            |
| Cambodia                        | 2,161.6         | 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          |
| Indonesia                       | 6,323.7         | 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         |
| Lao PDR                         | 2,008.4         | 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          |
| Malaysia                        | 23,646.2        | 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         |
| Myanmar                         | 762.5           | 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          |
| Philippines                     | 3,017.1         | 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          |
| Singapore                       | 9,681.3         | 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         |
| Thailand                        | 14,149.8        | 15,936.4        | 19,098.3        | 22,353.9        | 26,546.7         | 24,779.8         | 29,881.1         | 32,529.6         | 35,592.0         | 38,277.3         |
| Viet Nam                        | 3,772.3         | 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         |
| <b>ASEAN</b>                    | <b>65,680.3</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>135,268.8</b> |

Source:  
ASEAN Secretariat

Note:

1) Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

**Table 9.2. Intra-ASEAN Visitor Arrivals by Country of Destination, 2009-2018**

(in thousand)

| Country of Destination          | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam <sup>1)</sup> | 77.7            | 109.9           | 124.2           | 115.9           | 3,053.5         | 3,662.2         | 118.7           | 117.5           | 131.4           | 134.6           |
| Cambodia                        | 692.8           | 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         |
| Indonesia                       | 2,101.8         | 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         |
| Lao PDR                         | 1,611.0         | 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         |
| Malaysia                        | 18,386.4        | 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        |
| Myanmar                         | 524.0           | 512.3           | 100.4           | 151.1           | 218.7           | 1,598.3         | 1,762.9         | 402.9           | 1,730.4         | 1,918.3         |
| Philippines                     | 255.6           | 298.2           | 331.7           | 375.2           | 422.1           | 461.5           | 481.6           | 461.7           | 488.3           | 530.3           |
| Singapore                       | 3,650.9         | 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         |
| Thailand                        | 4,074.7         | 4,534.2         | 5,529.9         | 6,462.6         | 7,410.4         | 6,620.2         | 7,886.1         | 8,897.3         | 9,322.5         | 10,284.1        |
| Viet Nam                        | 318.9           | 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         |
| <b>TOTAL</b>                    | <b>31,693.8</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>49,691.6</b> |

Source:  
ASEAN Secretariat

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

**Table 9.3. Extra-ASEAN Visitor Arrivals by Country of Destination, 2009-2018**

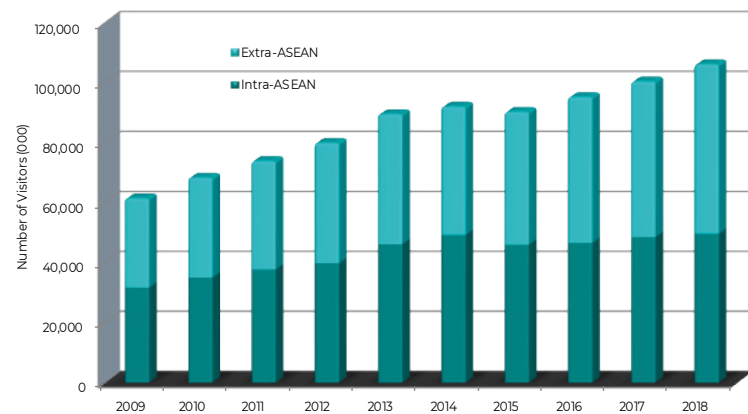
(in thousand)

| Country of Destination          | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam <sup>1)</sup> | 79.7            | 104.4           | 117.9           | 93.2            | 225.6           | 223.4           | 99.5            | 101.3           | 127.6           | 143.5           |
| Cambodia                        | 1,468.8         | 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         |
| Indonesia                       | 4,221.9         | 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        |
| Lao PDR                         | 397.4           | 522.1           | 532.3           | 617.6           | 738.3           | 934.6           | 1,095.9         | 1,155.7         | 1,121.7         | 1,299.6         |
| Malaysia                        | 5,259.8         | 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         |
| Myanmar                         | 238.5           | 279.2           | 716.0           | 907.9           | 1,825.6         | 1,483.2         | 2,918.1         | 2,504.3         | 1,712.7         | 1,631.2         |
| Philippines                     | 2,761.5         | 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         |
| Singapore                       | 6,030.3         | 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        |
| Thailand                        | 10,075.2        | 11,402.2        | 13,568.4        | 15,891.3        | 19,136.3        | 18,159.5        | 21,995.0        | 23,632.3        | 26,269.5        | 27,993.3        |
| Viet Nam                        | 3,453.3         | 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        |
| <b>TOTAL</b>                    | <b>33,986.5</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>85,577.2</b> |

Source:  
ASEAN Secretariat

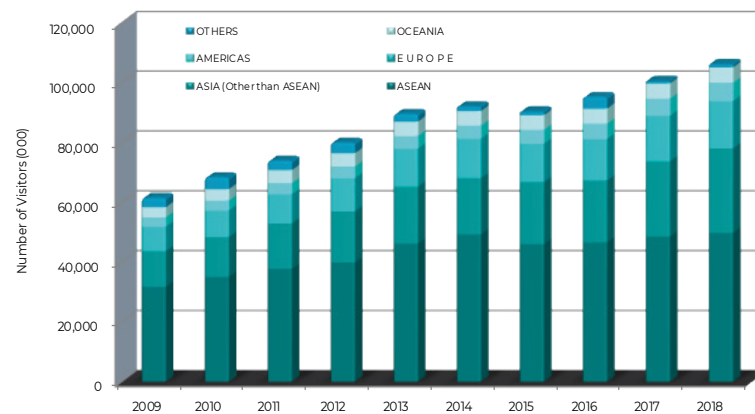
Note:  
1) Except 2013 and 2014, Brunei Darussalam data covered only visitor arrivals by air transport

**Chart 9.1. Intra and Extra-ASEAN Visitor Arrivals, 2009-2018**



Source: ASEAN Secretariat

**Chart 9.2. ASEAN Visitor Arrivals by Origin, 2009-2018**



Source: ASEAN Secretariat

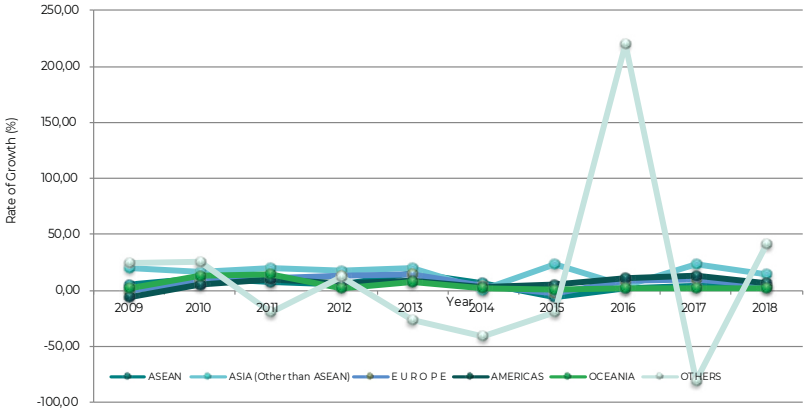
**Table 9.4. Intra-ASEAN Visitor Arrivals by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 1,132.8         | 1,453.0         | 1,363.3         | 1,350.5         | 1,367.9         | 1,338.0         | 1,250.5         | 1,512.4         | 1,786.7         | 1,508.2         |
| Cambodia          | 156.4           | 204.7           | 735.9           | 830.7           | 910.3           | 1,104.6         | 874.7           | 979.0           | 1,215.3         | 1,312.0         |
| Indonesia         | 4,429.5         | 5,163.3         | 5,170.2         | 5,811.9         | 6,618.1         | 6,779.2         | 6,446.6         | 6,690.7         | 6,800.0         | 7,912.2         |
| Lao PDR           | 789.6           | 838.3           | 1,046.8         | 1,425.4         | 1,559.9         | 1,569.3         | 1,791.4         | 1,953.7         | 2,384.8         | 2,339.9         |
| Malaysia          | 3,784.8         | 4,597.2         | 5,444.1         | 5,550.1         | 9,012.1         | 9,246.2         | 6,827.8         | 7,021.2         | 7,714.3         | 8,874.6         |
| Myanmar           | 220.1           | 249.9           | 297.5           | 317.5           | 377.5           | 433.4           | 491.6           | 595.9           | 669.4           | 670.4           |
| Philippines       | 1,258.7         | 1,468.0         | 1,635.5         | 1,789.3         | 2,172.4         | 2,273.3         | 2,051.0         | 2,001.1         | 2,080.8         | 2,118.6         |
| Singapore         | 14,604.5        | 14,974.8        | 15,772.5        | 15,730.7        | 16,390.6        | 17,074.5        | 16,047.1        | 16,528.8        | 15,639.4        | 14,076.8        |
| Thailand          | 3,890.4         | 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         |
| Viet Nam          | 1,427.0         | 1,786.4         | 2,227.7         | 2,705.4         | 3,193.2         | 3,391.0         | 3,690.2         | 3,655.3         | 3,622.2         | 3,847.9         |
| Unspecified       | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 207.7           | 0.0             | 0.0             |
| <b>TOTAL</b>      | <b>31,693.8</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>49,691.6</b> |

Source:  
ASEAN Secretariat

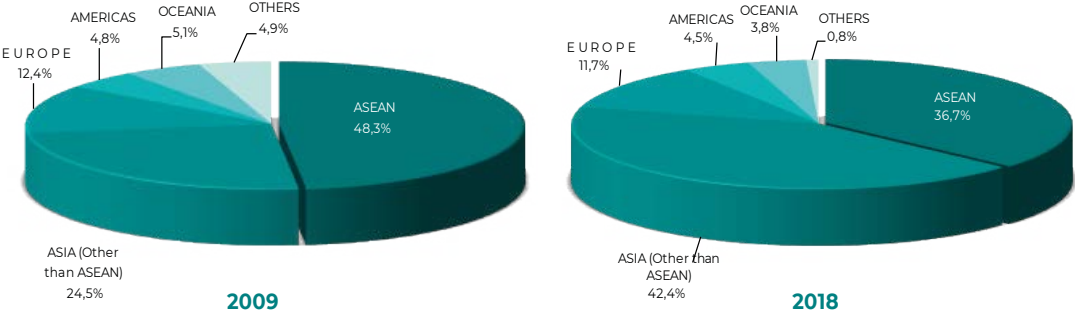
**Chart 9.3. Growth of Visitor Arrivals to ASEAN by Origin, 2009-2018**



Source: ASEAN Secretariat

**Chart 9.4. Proportion of Visitor Arrivals to ASEAN by Origin**

In percent share



Source: ASEAN Secretariat

**Table 9.5. Visitor Arrivals to ASEAN by Country of Origin, 2009-2018**

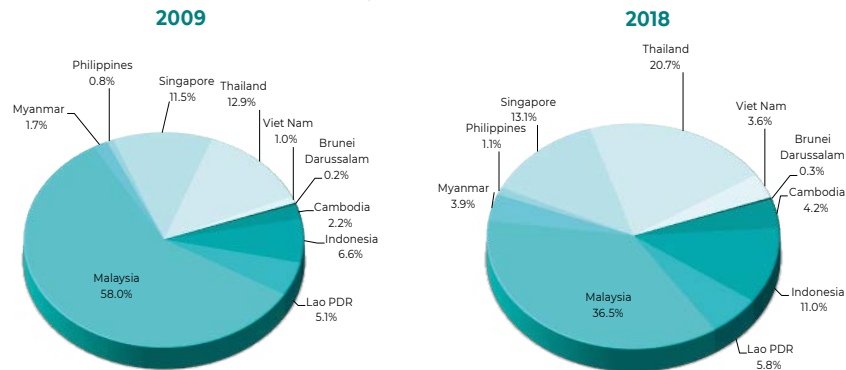
(in thousand)

| Country of Origin              | 2009            | 2010            | 2011            | 2012            | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Intra-ASEAN</b>             | <b>31,693.8</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>49,691.6</b>  |
| <b>Extra-ASEAN</b>             | <b>33,986.5</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>85,577.2</b>  |
| <b>ASIA (Other than ASEAN)</b> | <b>16,112.5</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>57,387.3</b>  |
| China                          | 4,201.7         | 5,415.9         | 7,315.6         | 9,283.2         | 12,651.2         | 13,059.5         | 18,596.3         | 20,339.3         | 25,285.2         | 29,117.6         |
| Hongkong                       | 851.0           | 905.7           | 1,091.5         | 1,299.0         | 1,501.7          | 1,376.9          | 1,514.7          | 1,498.7          | 1,560.0          | 1,782.2          |
| India                          | 2,103.6         | 2,478.0         | 2,711.3         | 2,839.6         | 2,945.7          | 3,071.0          | 3,307.9          | 2,787.1          | 4,153.2          | 4,670.6          |
| Japan                          | 3,214.0         | 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          |
| Korea, Republic of             | 2,448.7         | 3,286.1         | 3,862.0         | 4,011.4         | 4,873.5          | 5,018.4          | 5,838.5          | 6,464.7          | 7,861.6          | 9,031.6          |
| Taiwan, Province of China      | 1,369.6         | 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          |
| Other Asia                     | 1,923.9         | 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          |
| <b>EUROPE</b>                  | <b>8,163.0</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>15,816.2</b>  |
| France                         | 1,142.4         | 1,260.8         | 1,350.4         | 1,462.1         | 1,691.9          | 1,660.5          | 1,709.8          | 1,814.2          | 1,904.4          | 1,990.5          |
| Germany                        | 1,139.8         | 1,242.7         | 1,254.7         | 1,490.5         | 1,461.4          | 1,694.2          | 1,783.9          | 1,974.3          | 2,039.3          | 2,108.3          |
| Italy                          | 301.6           | 317.3           | 378.8           | 384.3           | 468.8            | 520.0            | 555.3            | 587.2            | 634.8            | 686.8            |
| Netherlands                    | 592.1           | 598.0           | 582.2           | 618.7           | 648.6            | 686.0            | 693.2            | 733.1            | 754.5            | 788.0            |
| United Kingdom                 | 2,105.9         | 2,151.4         | 2,156.9         | 2,313.8         | 2,487.4          | 2,639.5          | 2,733.9          | 2,891.2          | 2,975.6          | 3,066.5          |
| Other Europe                   | 2,881.2         | 3,297.4         | 4,065.4         | 4,819.0         | 5,954.5          | 5,962.2          | 5,325.6          | 5,864.9          | 6,915.8          | 7,176.2          |
| <b>AMERICAS</b>                | <b>3,141.7</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>6,082.3</b>   |
| Canada                         | 455.9           | 498.5           | 594.2           | 709.0           | 768.7            | 800.4            | 833.9            | 875.6            | 964.7            | 1,050.3          |
| USA                            | 2,553.4         | 2,680.5         | 2,838.0         | 2,984.2         | 3,178.3          | 3,254.3          | 3,382.3          | 3,787.9          | 4,109.3          | 4,498.5          |
| Other Americas                 | 132.4           | 124.5           | 194.0           | 178.8           | 252.9            | 284.4            | 371.7            | 403.9            | 631.2            | 533.5            |
| <b>OCEANIA</b>                 | <b>3,370.5</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>5,177.1</b>   |
| Australia                      | 3,028.6         | 3,464.9         | 3,926.3         | 4,059.6         | 4,303.0          | 4,383.6          | 4,190.6          | 4,314.0          | 4,343.2          | 4,413.3          |
| New Zealand                    | 272.3           | 292.0           | 390.3           | 358.0           | 438.8            | 458.0            | 475.2            | 481.3            | 529.5            | 550.4            |
| Other Oceania                  | 69.7            | 66.9            | 68.9            | 69.3            | 81.1             | 70.2             | 254.1            | 236.9            | 221.5            | 213.4            |
| <b>OTHERS</b>                  | <b>3,198.8</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>TOTAL</b>                   | <b>65,680.3</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>135,268.8</b> |

Source:  
ASEAN Secretariat

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

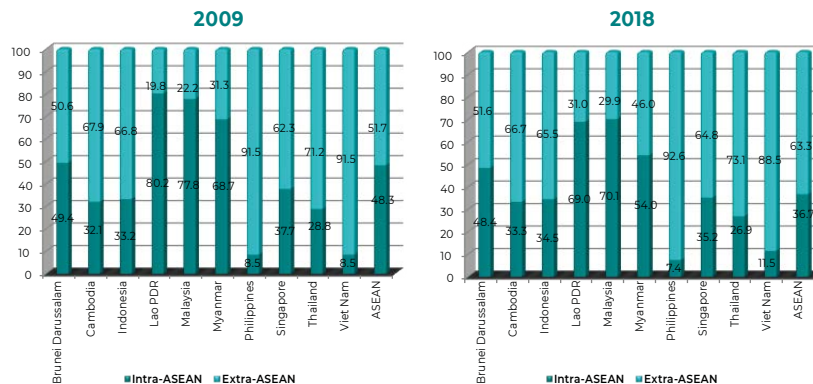
In percent share



Source: ASEAN Secretariat

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

In percent share



Source: ASEAN Secretariat

**Table 9.6. Visitor Arrivals to Brunei Darussalam by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009         | 2010         | 2011         | 2012         | 2013           | 2014           | 2015         | 2016         | 2017         | 2018         |
|--------------------------------|--------------|--------------|--------------|--------------|----------------|----------------|--------------|--------------|--------------|--------------|
| Intra-ASEAN                    | 77.7         | 109.9        | 124.2        | 115.9        | 3,053.5        | 3,662.2        | 118.7        | 117.5        | 131.4        | 134.6        |
| Extra-ASEAN                    | 79.7         | 104.4        | 117.9        | 93.2         | 225.6          | 223.4          | 99.5         | 101.3        | 127.6        | 143.5        |
| <b>ASIA (Other than ASEAN)</b> | <b>28.8</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>  |
| China                          | 15.8         | 24.6         | 32.9         | 27.5         | 39.9           | 38.8           | 36.9         | 40.8         | 52.4         | 65.6         |
| Hongkong                       | 1.2          | 1.2          | 1.3          | 1.6          | 2.3            | 2.6            | 1.6          | 1.9          | 2.2          | 2.7          |
| India                          | 2.9          | 4.9          | 4.6          | 5.1          | 30.3           | 31.0           | 6.4          | 7.2          | 8.7          | 8.6          |
| Japan                          | 3.5          | 3.6          | 4.1          | 4.3          | 9.0            | 9.8            | 4.3          | 4.5          | 5.2          | 5.4          |
| Korea, Republic of             | 1.6          | 1.7          | 1.7          | 4.3          | 4.8            | 5.7            | 2.9          | 3.6          | 8.7          | 9.1          |
| Taiwan, Province of China      | 1.5          | 1.9          | 1.4          | 2.5          | 4.4            | 3.9            | 1.7          | 1.6          | 1.7          | 0.0          |
| Other Asia                     | 2.3          | 3.9          | 4.5          | 3.5          | 11.9           | 13.4           | 4.4          | 5.5          | 7.6          | 8.5          |
| <b>EUROPE</b>                  | <b>21.6</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>  |
| France                         | 1.2          | 1.3          | 2.3          | 1.8          | 3.9            | 4.0            | 1.7          | 1.3          | 1.4          | 1.3          |
| Germany                        | 1.5          | 1.7          | 1.8          | 1.7          | 17.8           | 8.4            | 1.9          | 1.7          | 1.9          | 1.8          |
| Italy                          | 0.5          | 0.5          | 0.7          | 0.6          | 1.1            | 1.5            | 0.5          | 0.5          | 0.6          | 0.5          |
| Netherlands                    | 1.1          | 1.1          | 1.3          | 1.4          | 4.9            | 6.3            | 1.3          | 1.0          | 1.3          | 1.2          |
| United Kingdom                 | 14.4         | 17.4         | 18.2         | 11.4         | 29.9           | 34.0           | 11.1         | 10.4         | 12.1         | 12.0         |
| Other Europe                   | 2.9          | 4.1          | 4.2          | 4.0          | 10.6           | 11.2           | 3.6          | 3.2          | 3.5          | 5.0          |
| <b>AMERICAS</b>                | <b>5.1</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>   |
| Canada                         | 1.9          | 2.2          | 2.4          | 2.2          | 8.0            | 8.5            | 2.2          | 2.0          | 2.3          | 2.3          |
| USA                            | 3.2          | 3.7          | 4.2          | 4.1          | 9.4            | 9.2            | 3.7          | 3.4          | 4.2          | 4.1          |
| 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>22.1</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>  |
| Australia                      | 13.8         | 17.2         | 18.8         | 11.9         | 22.6           | 19.2           | 10.0         | 8.0          | 8.6          | 9.7          |
| New Zealand                    | 8.2          | 10.3         | 10.4         | 1.6          | 5.9            | 5.7            | 1.6          | 1.5          | 1.4          | 1.4          |
| 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>2.2</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>TOTAL</b>                   | <b>157.5</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> |

Source:  
ASEAN Secretariat



**Table 9.7. Visitor Arrivals to Cambodia by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>692.8</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>Extra-ASEAN</b>             | <b>1,468.8</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>ASIA (Other than ASEAN)</b> | <b>584.5</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> |
| China                          | 128.2          | 177.6          | 247.2          | 333.9          | 463.1          | 560.3          | 694.7          | 830.0          | 1,210.8        | 2,024.4        |
| Hongkong                       | 3.9            | 4.4            | 5.3            | 8.3            | 8.6            | 9.8            | 14.8           | 16.0           | 13.5           | 12.2           |
| India                          | 12.5           | 0.0            | 15.2           | 19.0           | 23.6           | 28.5           | 36.7           | 46.1           | 59.6           | 65.9           |
| Japan                          | 146.3          | 151.8          | 161.8          | 179.3          | 206.9          | 215.8          | 193.3          | 191.6          | 203.4          | 210.5          |
| Korea, Republic of             | 197.7          | 289.7          | 342.8          | 0.0            | 435.0          | 424.4          | 395.3          | 357.2          | 345.1          | 301.8          |
| Taiwan, Province of China      | 72.1           | 91.2           | 98.4           | 92.8           | 97.0           | 97.5           | 109.7          | 104.8          | 121.0          | 134.6          |
| Other Asia                     | 23.8           | 33.1           | 25.2           | 441.8          | 25.2           | 31.7           | 39.5           | 48.7           | 60.7           | 55.3           |
| <b>EUROPE</b>                  | <b>463.0</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>   |
| France                         | 105.4          | 113.3          | 117.4          | 121.2          | 131.5          | 141.1          | 145.7          | 150.3          | 166.4          | 170.8          |
| Germany                        | 59.9           | 62.9           | 63.4           | 72.5           | 81.6           | 84.1           | 94.0           | 108.8          | 118.3          | 99.0           |
| Italy                          | 17.2           | 19.8           | 20.8           | 22.6           | 25.2           | 29.5           | 32.2           | 35.8           | 40.3           | 34.0           |
| Netherlands                    | 22.1           | 23.5           | 22.7           | 24.6           | 28.1           | 26.6           | 29.0           | 30.9           | 32.5           | 28.9           |
| United Kingdom                 | 106.8          | 103.1          | 104.1          | 110.2          | 123.9          | 133.3          | 154.3          | 159.5          | 171.2          | 162.4          |
| Other Europe                   | 151.6          | 163.8          | 211.2          | 256.9          | 303.2          | 289.3          | 255.0          | 237.8          | 315.6          | 298.6          |
| <b>AMERICAS</b>                | <b>201.1</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>   |
| Canada                         | 36.3           | 38.7           | 42.5           | 47.8           | 50.9           | 52.3           | 56.8           | 60.7           | 69.1           | 61.6           |
| USA                            | 148.5          | 146.0          | 154.0          | 173.1          | 185.0          | 191.4          | 217.5          | 238.7          | 256.5          | 250.8          |
| Other Americas                 | 16.3           | 14.4           | 21.1           | 23.4           | 27.3           | 33.0           | 41.2           | 53.7           | 69.4           | 57.0           |
| <b>OCEANIA</b>                 | <b>98.7</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>   |
| Australia                      | 84.6           | 93.6           | 105.0          | 117.7          | 132.0          | 134.2          | 134.7          | 146.8          | 143.9          | 127.4          |
| New Zealand                    | 14.1           | 13.7           | 16.5           | 19.0           | 20.6           | 21.3           | 23.0           | 24.8           | 29.9           | 24.5           |
| Other Oceania                  | -              | 0.0            | 0.1            | 0.1            | 3.7            | 0.2            | 0.2            | 0.2            | 0.4            | 0.3            |
| <b>OTHERS</b>                  | <b>121.4</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>TOTAL</b>                   | <b>2,161.6</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> |

Source:  
ASEAN Secretariat

**Table 9.8. Visitor Arrivals to Indonesia by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015            | 2016            | 2017            | 2018            |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>2,101.8</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>Extra-ASEAN</b>             | <b>4,221.9</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>ASIA (Other than ASEAN)</b> | <b>1,503.2</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>  |
| China                          | 372.7          | 421.5          | 574.2          | 618.2          | 807.4          | 926.8          | 1,260.7         | 1,556.8         | 2,093.2         | 2,139.2         |
| Hongkong                       | 47.0           | 59.3           | 86.6           | 75.3           | 112.8          | 112.3          | 94.1            | 101.4           | 98.3            | 91.2            |
| India                          | 132.6          | 145.2          | 154.2          | 177.2          | 201.0          | 223.6          | 319.6           | 422.0           | 536.9           | 595.6           |
| Japan                          | 469.8          | 406.0          | 412.6          | 445.1          | 491.6          | 525.4          | 549.7           | 545.4           | 573.3           | 530.6           |
| Korea, Republic of             | 238.9          | 281.8          | 306.1          | 303.9          | 343.6          | 370.1          | 387.5           | 386.8           | 423.2           | 358.9           |
| Taiwan, Province of China      | 186.0          | 191.1          | 221.9          | 180.6          | 245.3          | 244.0          | 227.9           | 252.8           | 264.3           | 208.3           |
| Other Asia                     | 56.1           | 74.6           | 283.2          | 93.5           | 378.9          | 380.3          | 385.2           | 526.4           | 1,403.7         | 2,177.1         |
| <b>EUROPE</b>                  | <b>685.7</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>  |
| France                         | 163.4          | 158.3          | 148.4          | 178.9          | 190.9          | 210.1          | 212.6           | 256.2           | 274.1           | 287.9           |
| Germany                        | 126.3          | 138.7          | 145.2          | 152.4          | 168.1          | 184.8          | 203.6           | 243.9           | 267.8           | 274.2           |
| Italy                          | 0.0            | 0.0            | 46.1           | 0.0            | 63.0           | 68.0           | 69.4            | 79.4            | 90.0            | 94.3            |
| Netherlands                    | 148.8          | 153.3          | 159.1          | 147.7          | 158.2          | 169.3          | 175.3           | 200.8           | 210.4           | 210.0           |
| United Kingdom                 | 178.3          | 187.0          | 192.7          | 203.6          | 228.7          | 249.2          | 292.7           | 352.0           | 378.1           | 392.1           |
| Other Europe                   | 68.9           | 79.1           | 354.4          | 94.3           | 434.1          | 451.1          | 508.8           | 634.8           | 745.3           | 747.8           |
| <b>AMERICAS</b>                | <b>162.3</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>    |
| Canada                         | 0.0            | 0.0            | 52.0           | 0.0            | 56.8           | 61.4           | 75.8            | 86.8            | 96.1            | 97.9            |
| USA                            | 162.3          | 171.5          | 202.3          | 207.0          | 234.1          | 251.4          | 276.0           | 316.8           | 344.8           | 387.9           |
| Other Americas                 | 0.0            | 0.0            | 42.8           | 0.0            | 42.2           | 45.9           | 59.8            | 72.4            | 96.1            | 80.6            |
| <b>OCEANIA</b>                 | <b>538.8</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>  |
| Australia                      | 538.8          | 730.9          | 931.1          | 909.2          | 998.0          | 1,128.5        | 1,099.1         | 1,302.3         | 1,256.9         | 1,301.5         |
| New Zealand                    | 0.0            | 0.0            | 36.7           | 0.0            | 66.5           | 76.5           | 87.9            | 105.4           | 106.9           | 128.4           |
| Other Oceania                  | 0.0            | 0.0            | 7.2            | 0.0            | 7.3            | 7.7            | 190.4           | 164.2           | 144.1           | 144.7           |
| <b>OTHERS</b>                  | <b>1,331.8</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>TOTAL</b>                   | <b>6,323.7</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> |

Source:  
ASEAN Secretariat

**Table 9.9. Visitor Arrivals to Lao PDR by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Intra-ASEAN                    | 1,611.0        | 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        |
| Extra-ASEAN                    | 397.4          | 522.1          | 532.3          | 617.6          | 738.3          | 934.6          | 1,095.9        | 1,155.7        | 1,121.7        | 1,299.6        |
| <b>ASIA (Other than ASEAN)</b> | <b>184.1</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> |
| China                          | 128.2          | 161.9          | 150.8          | 199.9          | 245.0          | 422.4          | 511.4          | 545.5          | 639.2          | 805.8          |
| Hongkong                       | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| India                          | 2.3            | 3.3            | 3.2            | 3.3            | 4.6            | 4.5            | 5.5            | 8.2            | 4.3            | 4.9            |
| Japan                          | 28.1           | 34.1           | 37.9           | 42.0           | 48.6           | 44.9           | 43.8           | 49.2           | 32.1           | 39.0           |
| Korea, Republic of             | 17.9           | 27.3           | 34.7           | 53.8           | 81.8           | 96.1           | 165.3          | 173.3          | 170.6          | 174.4          |
| Taiwan, Province of China      | 2.5            | 3.3            | 5.0            | 4.0            | 4.8            | 5.5            | 6.1            | 14.0           | 4.3            | 4.8            |
| Other Asia                     | 5.1            | 8.0            | 9.3            | 9.6            | 9.5            | 10.9           | 4.2            | 11.8           | 12.4           | 6.4            |
| <b>E U R O P E</b>             | <b>130.2</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>   |
| France                         | 31.8           | 44.8           | 44.4           | 46.9           | 52.4           | 52.1           | 55.2           | 55.0           | 36.8           | 39.3           |
| Germany                        | 17.7           | 22.6           | 21.3           | 23.4           | 29.3           | 29.8           | 31.9           | 34.0           | 23.8           | 22.9           |
| Italy                          | 5.5            | 7.1            | 7.0            | 6.3            | 8.8            | 9.7            | 9.0            | 10.1           | 7.5            | 6.2            |
| Netherlands                    | 8.5            | 10.0           | 9.2            | 9.3            | 10.9           | 8.7            | 8.4            | 7.0            | 5.5            | 7.8            |
| United Kingdom                 | 27.0           | 37.3           | 35.6           | 35.7           | 41.7           | 39.1           | 41.5           | 39.2           | 27.7           | 26.8           |
| Other Europe                   | 39.7           | 56.3           | 64.1           | 64.2           | 69.4           | 69.9           | 71.3           | 76.7           | 59.9           | 62.8           |
| <b>AMERICAS</b>                | <b>53.3</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>    |
| Canada                         | 11.0           | 13.6           | 14.4           | 16.7           | 17.1           | 19.1           | 19.8           | 19.3           | 13.5           | 10.8           |
| USA                            | 39.3           | 49.8           | 50.1           | 53.4           | 61.6           | 61.5           | 63.1           | 58.1           | 38.8           | 49.2           |
| Other Americas                 | 3.1            | 3.9            | 5.5            | 5.7            | 7.2            | 5.5            | 6.1            | 8.8            | 12.0           | 9.2            |
| <b>OCEANIA</b>                 | <b>27.7</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>    |
| Australia                      | 24.2           | 30.5           | 31.9           | 33.9           | 35.5           | 45.0           | 34.7           | 33.1           | 20.9           | 19.6           |
| New Zealand                    | 3.5            | 4.4            | 4.9            | 5.4            | 5.5            | 5.2            | 4.8            | 4.8            | 3.2            | 3.5            |
| 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>2.0</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>TOTAL</b>                   | <b>2,008.4</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> |

Source:  
ASEAN Secretariat

**Table 9.10. Visitor Arrivals to Malaysia by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Intra-ASEAN                    | 18,386.4        | 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        |
| Extra-ASEAN                    | 5,259.8         | 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         |
| <b>ASIA (Other than ASEAN)</b> | <b>2,981.0</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>  |
| China                          | 1,019.8         | 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         |
| Hongkong                       | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| India                          | 589.8           | 690.8           | 693.1           | 691.3           | 651.0           | 770.1           | 722.1           | 0.0             | 552.7           | 600.3           |
| Japan                          | 395.7           | 415.9           | 387.0           | 470.0           | 513.1           | 553.1           | 483.6           | 413.8           | 392.8           | 394.5           |
| Korea, Republic of             | 227.3           | 264.1           | 263.4           | 284.0           | 274.7           | 385.8           | 421.2           | 444.4           | 484.5           | 616.8           |
| Taiwan, Province of China      | 197.9           | 211.1           | 233.8           | 242.5           | 286.3           | 274.7           | 283.2           | 300.9           | 332.9           | 383.9           |
| Other Asia                     | 550.5           | 237.8           | 260.1           | 649.3           | 704.1           | 824.6           | 741.2           | 215.3           | 524.3           | 513.1           |
| <b>EUROPE</b>                  | <b>1,141.8</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>  |
| France                         | 110.1           | 111.2           | 128.0           | 136.2           | 145.1           | 170.0           | 151.5           | 134.3           | 131.7           | 139.4           |
| Germany                        | 128.3           | 130.9           | 124.7           | 131.3           | 136.7           | 158.5           | 144.9           | 130.3           | 109.8           | 128.9           |
| Italy                          | 46.4            | 47.1            | 43.9            | 44.3            | 45.3            | 55.2            | 51.9            | 42.7            | 44.6            | 52.1            |
| Netherlands                    | 111.1           | 114.9           | 90.6            | 88.4            | 84.0            | 98.0            | 84.6            | 72.2            | 75.9            | 81.7            |
| United Kingdom                 | 435.1           | 430.0           | 403.9           | 402.2           | 413.5           | 445.8           | 401.0           | 400.3           | 358.8           | 361.3           |
| Other Europe                   | 310.9           | 190.3           | 184.1           | 244.4           | 241.6           | 284.5           | 367.2           | 332.2           | 356.3           | 291.4           |
| <b>AMERICAS</b>                | <b>345.8</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>    |
| Canada                         | 88.1            | 91.7            | 86.0            | 86.9            | 88.9            | 92.8            | 79.6            | 72.3            | 67.1            | 84.7            |
| USA                            | 228.6           | 233.0           | 216.8           | 240.1           | 246.9           | 262.1           | 237.8           | 217.1           | 198.2           | 253.4           |
| Other Americas                 | 29.1            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 42.8            | 0.0             | 43.3            | 0.0             |
| <b>OCEANIA</b>                 | <b>599.6</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>    |
| Australia                      | 533.4           | 580.7           | 558.4           | 507.9           | 526.3           | 571.3           | 486.9           | 377.7           | 351.2           | 351.5           |
| New Zealand                    | 63.0            | 66.2            | 81.4            | 65.7            | 63.2            | 67.4            | 60.8            | 53.4            | 55.9            | 50.7            |
| Other Oceania                  | 3.2             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 3.9             | 0.0             | 4.5             | 0.0             |
| <b>OTHERS</b>                  | <b>191.7</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>TOTAL</b>                   | <b>23,646.2</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> |

Source:  
ASEAN Secretariat

**Table 9.11. Visitor Arrivals to Myanmar by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009         | 2010         | 2011         | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|--------------------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Intra-ASEAN</b>             | <b>524.0</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>Extra-ASEAN</b>             | <b>238.5</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>ASIA (Other than ASEAN)</b> | <b>158.0</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> |
| China                          | 101.9        | 113.7        | 62.0         | 70.8           | 90.6           | 809.4          | 2,102.7        | 183.9          | 996.9          | 963.2          |
| Hongkong                       | 2.7          | 3.1          | 3.8          | 4.8            | 7.9            | 8.5            | 2.9            | 0.0            | 0.4            | 7.2            |
| India                          | 8.6          | 9.8          | 12.3         | 16.9           | 21.0           | 62.1           | 59.7           | 38.5           | 86.9           | 102.7          |
| Japan                          | 13.8         | 16.2         | 21.3         | 47.7           | 68.8           | 83.4           | 90.3           | 100.8          | 101.5          | 104.4          |
| Korea, Republic of             | 12.5         | 18.9         | 22.5         | 34.8           | 54.9           | 58.5           | 63.7           | 64.4           | 65.8           | 71.2           |
| Taiwan, Province of China      | 12.3         | 14.2         | 15.5         | 22.1           | 30.7           | 32.7           | 31.7           | 36.1           | 36.5           | 35.7           |
| Other Asia                     | 6.1          | 7.3          | 24.4         | 36.0           | 141.3          | 16.7           | 17.7           | 45.1           | 23.0           | 23.4           |
| <b>E U R O P E</b>             | <b>53.1</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>   |
| France                         | 10.5         | 13.1         | 19.4         | 26.5           | 35.5           | 41.5           | 47.4           | 52.3           | 58.4           | 43.2           |
| Germany                        | 9.6          | 11.1         | 14.0         | 19.5           | 27.7           | 32.3           | 35.7           | 39.0           | 40.0           | 28.8           |
| Italy                          | 6.0          | 7.2          | 9.7          | 9.3            | 11.7           | 12.6           | 14.8           | 18.0           | 18.2           | 16.9           |
| Netherlands                    | 1.9          | 2.4          | 0.0          | 0.0            | 0.0            | 10.8           | 12.2           | 14.0           | 13.5           | 9.4            |
| United Kingdom                 | 6.2          | 7.3          | 11.1         | 20.6           | 33.2           | 40.9           | 45.1           | 51.1           | 47.7           | 36.4           |
| Other Europe                   | 19.0         | 24.8         | 34.3         | 39.9           | 60.2           | 62.3           | 69.2           | 81.1           | 74.6           | 65.2           |
| <b>AMERICAS</b>                | <b>18.7</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>    |
| Canada                         | 2.4          | 2.4          | 3.7          | 37.6           | 9.0            | 12.3           | 14.1           | 15.0           | 14.1           | 11.1           |
| USA                            | 15.1         | 16.5         | 21.7         | 6.5            | 53.7           | 62.6           | 69.8           | 76.5           | 73.1           | 65.1           |
| Other Americas                 | 1.2          | 1.7          | 2.4          | 3.5            | 4.6            | 7.0            | 9.6            | 11.0           | 12.6           | 10.8           |
| <b>OCEANIA</b>                 | <b>8.0</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>    |
| Australia                      | 7.2          | 7.7          | 10.4         | 18.3           | 24.7           | 29.2           | 30.8           | 34.0           | 32.6           | 28.0           |
| New Zealand                    | 0.8          | 1.0          | 1.2          | 2.3            | 3.3            | 4.1            | 4.5            | 5.0            | 4.8            | 4.3            |
| Other Oceania                  | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.2            | 0.2            | 0.1            | 0.2            | 0.2            |
| <b>OTHERS</b>                  | <b>0.8</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>TOTAL</b>                   | <b>762.5</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> |

Source:  
ASEAN Secretariat

**Table 9.12. Visitor Arrivals to Philippines by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Intra-ASEAN                    | 255.6          | 298.2          | 331.7          | 375.2          | 422.1          | 461.5          | 481.6          | 461.7          | 488.3          | 530.3          |
| Extra-ASEAN                    | 2,761.5        | 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        |
| <b>ASIA (Other than ASEAN)</b> | <b>1,320.5</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> |
| China                          | 155.0          | 187.4          | 243.1          | 250.9          | 426.4          | 395.0          | 490.8          | 675.7          | 968.4          | 1,255.3        |
| Hongkong                       | 122.8          | 133.7          | 112.1          | 118.7          | 126.0          | 114.1          | 122.2          | 116.3          | 111.1          | 118.0          |
| India                          | 32.8           | 34.6           | 42.8           | 46.4           | 52.2           | 61.2           | 74.8           | 90.8           | 107.3          | 121.1          |
| Japan                          | 325.0          | 358.7          | 375.5          | 412.5          | 433.7          | 463.7          | 495.7          | 535.2          | 584.2          | 631.8          |
| Korea, Republic of             | 497.9          | 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        |
| Taiwan, Province of China      | 102.3          | 142.5          | 181.7          | 216.5          | 139.1          | 143.0          | 177.7          | 229.3          | 236.8          | 240.8          |
| Other Asia                     | 84.7           | 89.9           | 80.5           | 91.4           | 103.3          | 113.2          | 129.6          | 143.7          | 148.0          | 146.5          |
| <b>EUROPE</b>                  | <b>346.5</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>   |
| France                         | 24.6           | 27.3           | 29.6           | 33.7           | 39.0           | 38.9           | 45.5           | 55.4           | 64.8           | 74.4           |
| Germany                        | 55.9           | 58.7           | 61.2           | 67.0           | 70.9           | 72.8           | 75.3           | 86.4           | 85.4           | 92.1           |
| Italy                          | 15.0           | 16.4           | 15.8           | 16.7           | 17.7           | 19.9           | 21.6           | 25.9           | 30.4           | 35.2           |
| Netherlands                    | 18.6           | 19.2           | 21.0           | 22.2           | 22.6           | 25.2           | 28.6           | 31.9           | 33.8           | 37.0           |
| United Kingdom                 | 91.0           | 96.9           | 104.5          | 113.3          | 122.8          | 133.7          | 154.6          | 173.3          | 182.7          | 201.0          |
| Other Europe                   | 141.4          | 153.1          | 150.1          | 180.7          | 195.1          | 195.3          | 195.4          | 221.5          | 252.4          | 267.7          |
| <b>AMERICAS</b>                | <b>688.9</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> |
| Canada                         | 99.0           | 106.3          | 117.4          | 123.7          | 131.4          | 143.9          | 156.4          | 175.6          | 200.6          | 226.4          |
| USA                            | 582.5          | 600.2          | 624.5          | 652.6          | 674.6          | 722.8          | 779.2          | 869.5          | 957.8          | 1,034.4        |
| Other Americas                 | 7.3            | 7.6            | 5.7            | 7.0            | 8.6            | 8.6            | 10.4           | 12.1           | 18.0           | 18.9           |
| <b>OCEANIA</b>                 | <b>192.3</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>   |
| Australia                      | 132.3          | 147.5          | 170.7          | 191.2          | 213.0          | 224.8          | 241.2          | 251.1          | 259.4          | 279.8          |
| New Zealand                    | 10.5           | 11.3           | 12.8           | 14.1           | 15.8           | 17.7           | 20.6           | 23.4           | 29.0           | 33.3           |
| Other Oceania                  | 49.5           | 51.9           | 44.6           | 47.5           | 47.9           | 44.5           | 41.2           | 46.5           | 44.8           | 40.9           |
| <b>OTHERS</b>                  | <b>213.2</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>TOTAL</b>                   | <b>3,017.1</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> |

Source:  
ASEAN Secretariat

**Table 9.13. Visitor Arrivals to Singapore by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|--------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Intra-ASEAN                    | 3,650.9        | 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         |
| Extra-ASEAN                    | 6,030.3        | 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        |
| <b>ASIA (Other than ASEAN)</b> | <b>3,255.2</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>  |
| China                          | 936.7          | 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         |
| Hongkong                       | 294.4          | 387.6           | 464.4           | 472.1           | 539.8           | 631.0           | 609.9           | 538.0           | 465.8           | 473.1           |
| India                          | 725.5          | 828.9           | 869.0           | 894.6           | 933.6           | 943.6           | 1,014.0         | 1,097.2         | 1,272.1         | 1,442.3         |
| Japan                          | 489.9          | 528.8           | 656.4           | 756.9           | 832.8           | 824.7           | 789.2           | 783.9           | 792.9           | 829.7           |
| Korea, Republic of             | 272.0          | 360.7           | 414.9           | 445.2           | 471.8           | 537.0           | 577.1           | 566.5           | 631.4           | 629.5           |
| Taiwan, Province of China      | 156.8          | 191.2           | 238.5           | 282.2           | 350.3           | 337.4           | 378.0           | 394.2           | 395.6           | 422.9           |
| Other Asia                     | 379.9          | 444.5           | 460.9           | 474.8           | 493.2           | 477.8           | 482.5           | 582.6           | 488.8           | 496.3           |
| <b>E U R O P E</b>             | <b>1,294.5</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>  |
| France                         | 119.7          | 130.4           | 140.3           | 158.9           | 160.0           | 156.9           | 157.5           | 170.9           | 175.4           | 204.8           |
| Germany                        | 183.7          | 209.2           | 220.0           | 252.4           | 251.6           | 263.5           | 286.7           | 328.8           | 342.4           | 356.8           |
| Italy                          | 46.8           | 51.1            | 53.5            | 65.5            | 66.7            | 67.1            | 69.4            | 74.6            | 80.4            | 102.0           |
| Netherlands                    | 76.4           | 76.5            | 81.1            | 81.6            | 82.9            | 81.8            | 79.1            | 82.2            | 86.9            | 98.3            |
| United Kingdom                 | 469.7          | 461.7           | 442.6           | 446.4           | 461.5           | 451.9           | 473.8           | 489.2           | 518.9           | 588.9           |
| Other Europe                   | 398.3          | 427.9           | 449.3           | 514.2           | 568.6           | 577.4           | 549.0           | 574.0           | 649.7           | 712.4           |
| <b>AMERICAS</b>                | <b>467.5</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>    |
| Canada                         | 70.0           | 75.1            | 82.9            | 87.8            | 92.7            | 92.8            | 96.2            | 98.5            | 105.2           | 129.5           |
| USA                            | 370.5          | 417.0           | 440.6           | 477.1           | 491.9           | 484.9           | 499.5           | 516.5           | 565.4           | 643.2           |
| Other Americas                 | 27.0           | 32.5            | 40.2            | 51.4            | 56.8            | 57.5            | 61.5            | 65.7            | 88.0            | 88.9            |
| <b>OCEANIA</b>                 | <b>936.5</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>  |
| Australia                      | 830.2          | 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         |
| New Zealand                    | 93.8           | 95.8            | 123.0           | 123.7           | 120.4           | 118.7           | 127.6           | 121.1           | 131.2           | 137.7           |
| Other Oceania                  | 12.4           | 12.8            | 14.4            | 15.1            | 15.5            | 14.3            | 15.1            | 19.7            | 22.4            | 22.2            |
| <b>OTHERS</b>                  | <b>76.6</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>TOTAL</b>                   | <b>9,681.3</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> |

Source:  
ASEAN Secretariat

**Table 9.14. Visitor Arrivals to Thailand by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>4,074.7</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>10,284.1</b> |
| <b>Extra-ASEAN</b>             | <b>10,075.2</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>27,993.3</b> |
| <b>ASIA (Other than ASEAN)</b> | <b>4,576.6</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>18,478.9</b> |
| China                          | 815.7           | 1,122.2         | 1,760.6         | 2,761.2         | 4,609.7         | 4,623.8         | 7,934.8         | 8,821.1         | 9,806.3         | 10,536.0        |
| Hongkong                       | 378.9           | 316.5           | 418.1           | 604.9           | 694.1           | 483.9           | 669.2           | 690.5           | 821.1           | 1,015.7         |
| India                          | 596.5           | 760.4           | 916.8           | 985.9           | 1,028.4         | 946.3           | 1,069.1         | 1,077.0         | 1,415.2         | 1,596.8         |
| Japan                          | 982.6           | 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         |
| Korea, Republic of             | 620.7           | 805.4           | 1,014.3         | 1,153.5         | 1,292.3         | 1,117.4         | 1,373.0         | 1,449.6         | 1,709.3         | 1,796.6         |
| Taiwan, Province of China      | 366.7           | 369.2           | 450.8           | 393.3           | 503.9           | 392.8           | 552.6           | 513.5           | 573.1           | 687.7           |
| Other Asia                     | 815.4           | 813.5           | 866.2           | 978.8           | 1,023.9         | 929.0           | 1,042.1         | 1,197.6         | 1,194.0         | 1,190.1         |
| <b>EUROPE</b>                  | <b>3,852.0</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>6,765.3</b>  |
| France                         | 401.3           | 461.7           | 509.2           | 538.3           | 723.7           | 632.2           | 681.1           | 697.7           | 740.2           | 749.6           |
| Germany                        | 556.9           | 606.9           | 603.2           | 663.6           | 580.1           | 717.6           | 760.6           | 825.5           | 850.1           | 889.8           |
| Italy                          | 164.3           | 168.2           | 181.3           | 187.6           | 197.2           | 220.0           | 246.1           | 248.9           | 264.5           | 280.2           |
| Netherlands                    | 203.7           | 197.0           | 197.2           | 197.7           | 209.7           | 210.3           | 212.7           | 228.4           | 222.4           | 236.3           |
| United Kingdom                 | 777.3           | 810.7           | 844.2           | 800.1           | 847.7           | 909.3           | 946.9           | 961.5           | 994.8           | 987.5           |
| Other Europe                   | 1,748.5         | 2,197.9         | 2,613.7         | 3,067.2         | 3,597.2         | 3,466.6         | 2,772.8         | 3,046.3         | 3,442.0         | 3,622.0         |
| <b>AMERICAS</b>                | <b>795.1</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>1,600.9</b>  |
| Canada                         | 147.2           | 168.4           | 192.8           | 192.6           | 209.1           | 213.2           | 227.3           | 222.4           | 258.5           | 276.5           |
| USA                            | 599.5           | 611.8           | 684.1           | 726.5           | 788.8           | 764.7           | 867.5           | 938.9           | 1,056.4         | 1,123.2         |
| Other Americas                 | 48.4            | 64.5            | 76.3            | 87.8            | 106.1           | 126.8           | 140.3           | 180.3           | 227.0           | 201.1           |
| <b>OCEANIA</b>                 | <b>728.4</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>922.5</b>    |
| Australia                      | 645.5           | 698.0           | 854.1           | 930.0           | 906.0           | 835.5           | 805.9           | 813.0           | 817.2           | 801.6           |
| New Zealand                    | 78.3            | 89.4            | 103.6           | 99.4            | 106.7           | 108.4           | 112.3           | 99.4            | 118.0           | 116.8           |
| Other Oceania                  | 4.6             | 2.2             | 2.6             | 6.6             | 6.6             | 3.3             | 3.1             | 6.1             | 3.7             | 4.0             |
| <b>OTHERS</b>                  | <b>123.1</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>225.6</b>    |
| <b>TOTAL</b>                   | <b>14,149.8</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>38,277.3</b> |

Source:  
ASEAN Secretariat



**Table 9.15. Visitor Arrivals to Viet Nam by Country of Origin, 2009-2018**

(in thousand)

| Country of Origin              | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016            | 2017            | 2018            |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| <b>Intra-ASEAN</b>             | <b>318.9</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>Extra-ASEAN</b>             | <b>3,453.3</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>ASIA (Other than ASEAN)</b> | <b>1,520.5</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> |
| China                          | 527.6          | 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         |
| Hongkong                       | -              | 0.0            | 0.0            | 13.4           | 10.2           | 14.6           | 0.0            | 34.6            | 47.7            | 62.2            |
| India                          | -              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 109.5           | 132.4           |
| Japan                          | 359.2          | 442.1          | 481.5          | 576.4          | 604.1          | 648.0          | 671.4          | 34.6            | 798.1           | 826.7           |
| Korea, Republic of             | 362.1          | 495.9          | 536.4          | 700.9          | 748.7          | 848.0          | 1,113.0        | 1,543.9         | 2,415.2         | 3,485.4         |
| Taiwan, Province of China      | 271.5          | 334.0          | 361.1          | 409.4          | 399.0          | 389.0          | 330.2          | 507.3           | 616.2           | 714.1           |
| Other Asia                     | -              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 438.7          | 706.0           | 84.1            | 106.9           |
| <b>E U R O P E</b>             | <b>174.5</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>  |
| France                         | 174.5          | 199.4          | 211.4          | 219.7          | 209.9          | 213.7          | 211.6          | 240.8           | 255.4           | 279.7           |
| Germany                        | -              | 0.0            | 0.0            | 106.6          | 97.7           | 142.3          | 149.1          | 176.0           | 199.9           | 214.0           |
| Italy                          | -              | 0.0            | 0.0            | 31.3           | 32.1           | 36.4           | 40.3           | 51.3            | 58.0            | 65.6            |
| Netherlands                    | -              | 0.0            | 0.0            | 45.9           | 47.4           | 49.1           | 53.0           | 64.7            | 72.3            | 77.3            |
| United Kingdom                 | -              | 0.0            | 0.0            | 170.3          | 184.7          | 202.3          | 212.8          | 254.8           | 283.5           | 298.1           |
| Other Europe                   | -              | 0.0            | 0.0            | 353.1          | 474.3          | 554.6          | 533.3          | 657.4           | 1,016.6         | 1,103.3         |
| <b>AMERICAS</b>                | <b>403.9</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>    |
| Canada                         | -              | 0.0            | 0.0            | 113.6          | 105.0          | 104.3          | 105.7          | 122.9           | 138.2           | 149.5           |
| USA                            | 403.9          | 431.0          | 439.9          | 443.8          | 432.2          | 443.8          | 368.2          | 552.6           | 614.1           | 687.2           |
| Other Americas                 | -              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 64.7            | 67.1            |
| <b>OCEANIA</b>                 | <b>218.5</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>    |
| Australia                      | 218.5          | 278.2          | 289.8          | 289.8          | 319.6          | 321.1          | 303.7          | 320.7           | 370.4           | 386.9           |
| New Zealand                    | -              | 0.0            | 0.0            | 26.6           | 31.0           | 33.1           | 32.0           | 42.6            | 49.1            | 49.9            |
| Other Oceania                  | -              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 1.4             | 1.0             |
| <b>OTHERS</b>                  | <b>1,135.9</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>TOTAL</b>                   | <b>3,772.3</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> |

Source:  
ASEAN Secretariat





CHAPTER 10

# **Agriculture**



**Table 10.1. Agriculture Land and Land Use in ASEAN, 2017**

| Country           | Total Area<br>(000 Ha) | Land Area                      |                         |                                |                                  |   |  | Rural<br>Population<br>(000) |
|-------------------|------------------------|--------------------------------|-------------------------|--------------------------------|----------------------------------|---|--|------------------------------|
|                   |                        | Total Land<br>Area<br>(000 Ha) | Agricultural Area       |                                |                                  |   |  |                              |
|                   |                        |                                | Arable Land<br>(000 Ha) | Permanent<br>Crops<br>(000 Ha) | Permanent<br>Pasture<br>(000 Ha) | Total Agrc. Area<br>(000 Ha)<br>(4)+(5)+(6) | % of<br>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                       | 1,555.0                 | 169.0                          | 675.0                            | 2,399.0                                     | 10.4                                     | 4,546.2                      |
| Malaysia          | 33,034.5               | 32,855.0                       | 845.2                   | 7,460.0                        | 285.0                            | 8,590.2                                     | 26.1                                     | 7,592.1                      |
| Myanmar           | 67,659.0               | 65,279.0                       | 11,061.6                | 1,510.0                        | 299.1                            | 12,870.7                                    | 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                     |
| Total             | 449,243.4              | 439,128.8                      | 73,066.7                | 48,688.6                       | 16,704.5                         | 138,459.8                                   | 31.5                                     | 334,053.3                    |

Source:  
FAOSTAT website, as of November 2019

Notes:  
“-” 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, 2017-2018**

(in percent)

| Country                       | GDP Share <sup>1)</sup> |      | Employment Share <sup>2)</sup> |      | Exports Share    |                  | Imports Share   |                  |
|-------------------------------|-------------------------|------|--------------------------------|------|------------------|------------------|-----------------|------------------|
|                               | 2017                    | 2018 | 2017                           | 2018 | 2017             | 2018             | 2017            | 2018             |
| Brunei Darussalam             | 0.8                     | 0.8  | 1.4                            | 1.1  | 0.2              | 0.2              | 15.1            | 12.3             |
| Cambodia                      | 20.6                    | 16.3 | -                              | -    | 5.2              | 5.5              | 7.8             | 7.5              |
| Indonesia                     | 12.7                    | 12.5 | 29.7                           | 28.8 | 21.8             | 19.3             | 11.2            | 10.5             |
| Lao PDR                       | 15.3                    | 14.5 | -                              | -    | 21.2             | 17.5             | 12.2            | 12.5             |
| Malaysia                      | 7.6                     | 7.3  | 11.3                           | 10.6 | 10.0             | 8.4              | 7.8             | 7.4              |
| Myanmar                       | 25.8                    | 24.6 | 55.8                           | 51.6 | 32.2             | 28.0             | 14.8            | 13.3             |
| Philippines                   | 8.5                     | 8.1  | 34.7                           | 32.0 | 9.6              | 8.9              | 11.5            | 11.9             |
| Singapore                     | 0.0                     | 0.0  | -                              | -    | 2.8              | 3.3              | 3.7             | 3.6              |
| Thailand                      | 6.1                     | 6.1  | 35.1                           | 35.8 | 14.0             | 14.0             | 6.4             | 6.1              |
| Viet Nam                      | 14.8                    | 14.3 | 40.2                           | 41.9 | 12.1             | 11.0             | 8.0             | 8.2              |
| <b>Total in percent</b>       |                         |      |                                |      | <b>10.7</b>      | <b>9.9</b>       | <b>7.4</b>      | <b>7.3</b>       |
| <b>Total in Million US \$</b> |                         |      |                                |      | <b>141,092.8</b> | <b>142,158.8</b> | <b>92,463.5</b> | <b>101,188.8</b> |

Sources:  
GDP: ASEAN Secretariat;  
Employment share: AMS' website

Notes:  
1) GDP share; based on real (Constant Price) GDP; ASEAN Macroeconomic Database, based on country submission  
2) Refer to Table 3.9  
\*.. not available at the time of publication

**Table 10.3. Paddy Production in ASEAN, 2009-2018**

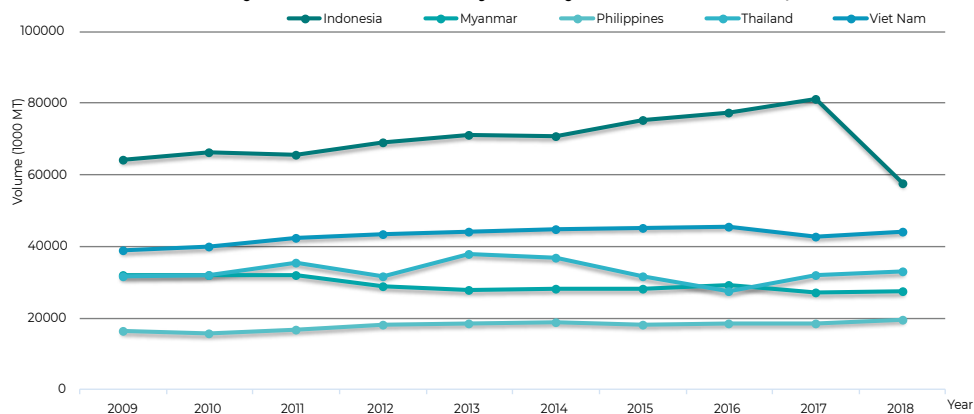
(in thousand metric ton)

| Country           | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam | 1.4              | 1.7              | 2.2              | 2.3              | 1.9              | 2.1              | 3.1              | 3.2              | 2.5              | 2.4              |
| Cambodia          | 7,586.0          | 8,249.0          | 8,779.0          | 9,000.0          | 9,290.9          | 9,291.0          | 9,324.4          | 9,227.0          | 9,952.3          | 10,518.3         |
| Indonesia         | 64,398.9         | 66,469.4         | 65,756.9         | 69,080.0         | 71,280.0         | 70,846.5         | 75,397.8         | 77,245.3         | 81,148.6         | 57,468.8         |
| Lao PDR           | 3,034.6          | 3,070.6          | 3,065.8          | 3,489.2          | 3,414.6          | 4,002.4          | 4,048.2          | 4,300.0          | 4,055.4          | 3,425.8          |
| Malaysia          | 2,460.0          | 2,464.0          | 2,665.0          | 2,750.0          | 2,615.9          | 2,848.6          | 2,674.4          | 3,432.9          | 2,570.5          | 2,715.0          |
| Myanmar           | 32,057.9         | 32,165.1         | 32,064.4         | 29,009.9         | 27,703.7         | 28,322.2         | 28,127.2         | 29,073.0         | 27,255.4         | 27,647.7         |
| Philippines       | 16,266.4         | 15,772.3         | 16,684.1         | 18,032.5         | 18,439.4         | 18,967.8         | 18,296.7         | 18,365.3         | 18,549.6         | 19,420.4         |
| Singapore         | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                |
| Thailand          | 31,650.6         | 32,116.1         | 35,583.6         | 31,625.3         | 38,000.2         | 36,762.3         | 31,616.9         | 27,418.5         | 31,857.2         | 32,898.9         |
| Viet Nam          | 38,895.5         | 40,005.6         | 42,324.4         | 43,400.4         | 44,076.1         | 44,972.8         | 45,215.7         | 45,640.0         | 42,763.7         | 43,979.2         |
| <b>ASEAN</b>      | <b>196,351.3</b> | <b>200,313.8</b> | <b>206,925.3</b> | <b>206,389.6</b> | <b>214,822.6</b> | <b>216,015.7</b> | <b>214,704.4</b> | <b>214,705.1</b> | <b>218,155.2</b> | <b>198,076.5</b> |

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

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

**Chart 10.1. Paddy Production of Five Major Paddy Producers in ASEAN, 2009-2018**



**Table 10.4. Maize Production in ASEAN, 2009-2018**

(in thousand metric ton)

| Country           | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 0.4             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Cambodia          | 924.0           | 773.0           | 717.2           | 940.4           | 843.0           | 926.9           | 549.4           | 560.6           | 662.8           | 1,231.5         |
| Indonesia         | 17,629.8        | 18,327.6        | 17,643.3        | 19,387.0        | 18,509.0        | 19,008.4        | 19,833.3        | 21,835.9        | 28,924.0        | 30,043.2        |
| Lao PDR           | 1,107.1         | 1,020.9         | 1,098.0         | 1,125.5         | 1,214.1         | 1,136.6         | 1,110.0         | 1,112.8         | 1,252.1         | 732.6           |
| Malaysia          | 35.2            | 47.6            | 50.0            | 52.5            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Myanmar           | 1,185.0         | 1,225.9         | 1,354.6         | 1,485.0         | 1,525.7         | 1,626.3         | 1,720.6         | 1,855.0         | 1,831.0         | 1,909.6         |
| Philippines       | 7,034.0         | 6,376.8         | 6,971.2         | 7,407.1         | 7,377.3         | 7,770.6         | 7,553.0         | 7,813.4         | 8,087.0         | 7,979.7         |
| Singapore         | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Thailand          | 4,684.3         | 4,855.4         | 4,779.6         | 4,808.8         | 5,061.1         | 4,715.3         | 4,620.0         | 4,691.0         | 4,601.2         | 5,034.8         |
| Viet Nam          | 4,381.8         | 4,625.7         | 4,646.4         | 4,797.3         | 5,193.4         | 5,200.4         | 5,280.7         | 5,251.8         | 5,109.8         | 4,905.9         |
| <b>ASEAN</b>      | <b>36,981.5</b> | <b>37,252.9</b> | <b>37,260.3</b> | <b>40,003.5</b> | <b>39,723.6</b> | <b>40,384.5</b> | <b>40,666.9</b> | <b>43,120.4</b> | <b>50,467.9</b> | <b>51,837.3</b> |

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

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

**Table 10.5. Soybean Production in ASEAN, 2009-2018**

(in thousand metric ton)

| Country           | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Brunei Darussalam | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Cambodia          | 137.0          | 157.0          | 114.6          | 119.8          | 131.0          | 131.1          | 104.2          | 108.3          | 95.0           | 91.8           |
| Indonesia         | 974.5          | 907.0          | 851.3          | 843.0          | 780.0          | 955.0          | 983.0          | 969.5          | 538.7          | 982.6          |
| Lao PDR           | 16.7           | 11.4           | 13.8           | 6.4            | 13.9           | 17.0           | 17.6           | 17.9           | 19.3           | 8.4            |
| Malaysia          | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Myanmar           | 240.5          | 253.7          | 254.5          | 236.9          | 237.9          | 234.9          | 228.9          | 246.2          | 214.8          | 209.5          |
| Philippines       | 0.8            | 0.8            | 0.7            | 0.6            | 0.8            | 0.9            | 0.7            | 0.6            | 0.9            | 0.6            |
| Singapore         | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Thailand          | 194.9          | 169.6          | 151.4          | 151.4          | 76.5           | 55.9           | 57.7           | 56.6           | 41.2           | 42.9           |
| Viet Nam          | 213.6          | 298.6          | 254.2          | 177.6          | 168.4          | 156.5          | 146.4          | 137.7          | 101.9          | 80.8           |
| <b>ASEAN</b>      | <b>1,778.1</b> | <b>1,798.1</b> | <b>1,640.5</b> | <b>1,535.7</b> | <b>1,408.5</b> | <b>1,551.3</b> | <b>1,538.5</b> | <b>1,536.8</b> | <b>1,011.7</b> | <b>1,416.6</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, 2009-2018**

(in thousand metric ton)

| Country                 | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Brunei Darussalam       | 0.1              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              |
| Cambodia                | 350.0            | 366.0            | 468.7            | -                | 730.0            | 911.3            | 1,541.0          | 1,571.8          | 629.3            | 691.9            |
| Indonesia <sup>1)</sup> | 2,849.8          | 2,290.1          | 2,267.9          | 2,592.0          | 2,551.0          | 2,579.2          | 2,498.0          | 2,223.0          | 28,806.4         | 31,864.0         |
| Lao PDR                 | 1,014.1          | 818.7            | 1,222.0          | 1,055.7          | 865.1            | 1,840.5          | 1,749.8          | 1,821.0          | 2,069.2          | 1,834.5          |
| Malaysia                | 274.6            | 207.0            | 209.1            | 49.4             | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              |
| Myanmar                 | 9,744.2          | 9,561.5          | 9,249.5          | 9,537.4          | 9,413.1          | 10,307.4         | 11,128.4         | 12,014.9         | 10,437.1         | 10,370.0         |
| Philippines             | 22,932.8         | 17,929.3         | 28,376.5         | 26,395.9         | 24,584.8         | 24,175.3         | 22,654.0         | 22,349.8         | 27,599.8         | 23,881.6         |
| Singapore               | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                |
| Thailand                | 74,771.8         | 68,807.8         | 95,950.4         | 101,165.0        | 100,095.6        | 103,697.0        | 106,327.8        | 99,100.2         | 93,088.5         | 135,073.8        |
| Viet Nam                | 15,246.4         | 16,161.7         | 17,464.8         | 18,984.0         | 20,018.4         | 19,827.7         | 18,320.8         | 19,100.0         | 18,319.2         | 17,840.0         |
| <b>ASEAN</b>            | <b>127,183.9</b> | <b>116,142.1</b> | <b>155,208.9</b> | <b>159,779.4</b> | <b>158,258.1</b> | <b>163,338.3</b> | <b>164,219.8</b> | <b>158,180.6</b> | <b>180,949.4</b> | <b>221,555.9</b> |

Source:

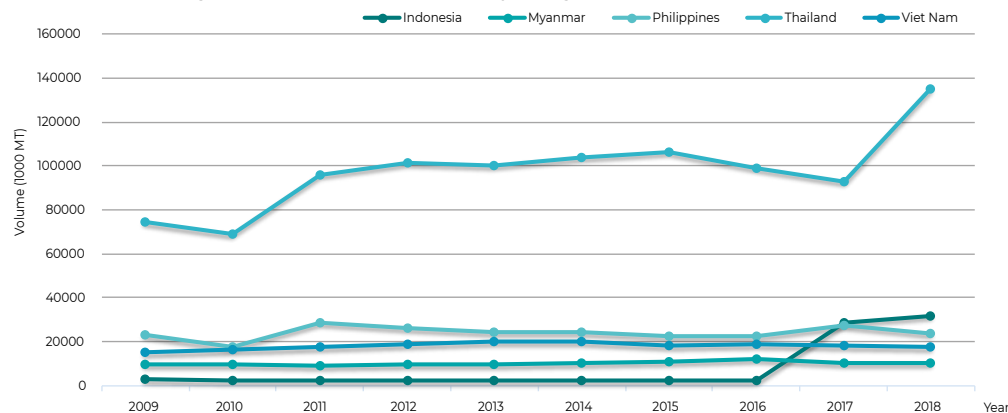
ASEAN Food Security Information System (AFSIS) Database, based on country (MOA) data submission.

Note:

1) Indonesia data from : Ministry of Agriculture Publication

"-" not available at the time of publication

**Chart 10.2. Sugarcane Production of Five Major Sugarcane Producers in ASEAN, 2009-2018**



**Table 10.7. Cassava Production in ASEAN, 2009-2018**

(in thousand metric ton)

| Country           | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 0.1             | 0.2             | 0.1             | 0.2             | -               | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| Cambodia          | 3,497.0         | 4,249.0         | 8,033.8         | 6,000.0         | 7,632.0         | 7,933.4         | 11,944.5        | 13,222.3        | 13,386.7        | 13,750.1        |
| Indonesia         | 22,039.1        | 23,058.3        | 24,044.0        | 24,177.0        | 23,937.0        | 23,436.4        | 22,906.1        | 26,749.0        | 19,045.6        | 19,341.2        |
| Lao PDR           | 152.6           | 500.1           | 743.2           | 1,060.9         | 1,254.2         | 1,629.8         | 1,513.9         | 1,527.2         | 1,557.8         | 2,279.0         |
| Malaysia          | 36.9            | 37.2            | 39.1            | 41.0            | -               | 51.9            | 57.1            | 62.8            | 67.3            | 35.0            |
| Myanmar           | 333.5           | 477.7           | 607.1           | 729.9           | 578.6           | 524.2           | 484.9           | 509.3           | 426.3           | 398.8           |
| Philippines       | 2,043.7         | 2,101.5         | 2,209.7         | 2,223.2         | 2,361.6         | 2,540.3         | 2,714.1         | 2,857.9         | 2,792.0         | 2,753.6         |
| Singapore         | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Thailand          | 30,088.0        | 22,005.7        | 21,912.4        | 24,847.8        | 30,227.5        | 30,022.1        | 32,357.7        | 31,807.5        | 30,935.5        | 29,368.2        |
| Viet Nam          | 8,556.9         | 8,595.6         | 9,875.3         | 9,691.8         | 9,742.5         | 10,211.1        | 10,673.7        | 10,200.9        | 11,263.2        | 9,940.0         |
| <b>ASEAN</b>      | <b>66,747.9</b> | <b>61,025.3</b> | <b>67,464.8</b> | <b>68,771.8</b> | <b>75,733.4</b> | <b>76,349.3</b> | <b>82,652.2</b> | <b>86,936.9</b> | <b>79,474.5</b> | <b>77,866.0</b> |

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

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

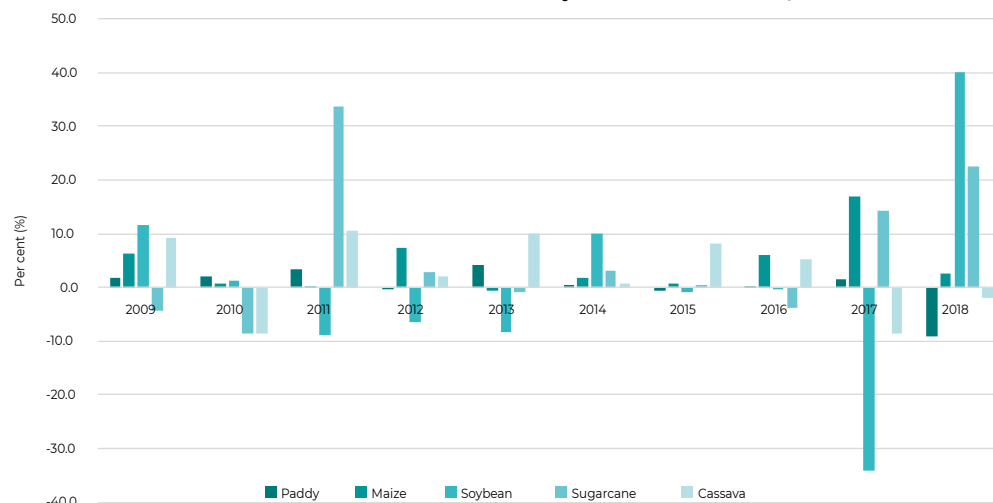
**Table 10.8. Rate of Growth of ASEAN Five Major Food Commodities**

(in percent)

| Products  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014 | 2015  | 2016  | 2017   | 2018  | 2009-2018 |
|-----------|-------|-------|-------|-------|-------|------|-------|-------|--------|-------|-----------|
| 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, 2009-2018**



**Table 10.9. Production of Selected Agricultural Products in ASEAN, 2016**

(in thousand metric ton)

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

Source:  
FAOSTAT database

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

**Table 10.10. 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>Total Cereals</b>       | <b>2.3</b>        | <b>11,100.0</b> | <b>109,334.0</b> | <b>5,232.3</b> | <b>2,974.5</b>   | <b>28,119.3</b> | <b>27,191.8</b> | <b>-</b>   | <b>38,717.4</b> | <b>47,877.2</b> | <b>270,548.9</b> |
| Wheat                      | -                 | -               | -                | -              | -                | 123.3           | -               | -          | 1.3             | -               | 124.5            |
| Coconuts                   | 0.4               | 69.6            | 18,983.4         | -              | 517.6            | 545.6           | 14,049.1        | 0.1        | 895.0           | 1,499.2         | 36,560.0         |
| <b>Total Fruit Primary</b> | <b>8.0</b>        | <b>376.7</b>    | <b>19,518.5</b>  | <b>1,292.7</b> | <b>1,278.1</b>   | <b>2,608.3</b>  | <b>16,579.8</b> | <b>0.0</b> | <b>11,451.7</b> | <b>8,996.9</b>  | <b>62,110.8</b>  |
| Bananas                    | 1.8               | 137.7           | 7,162.7          | 946.8          | 350.5            | -               | 6,041.4         | -          | 1,000.0         | 2,045.4         | 17,686.2         |
| Mangoes                    | -                 | 68.7            | 2,566.0          | 5.0            | 113.8            | 1.4             | 749.0           | -          | 3,824.3         | 744.4           | 8,072.6          |
| Citrus Fruit               | 0.5               | 71.1            | 2,295.3          | 101.9          | 39.9             | -               | 160.4           | -          | 981.5           | 1,336.7         | 4,987.3          |
| <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           | -               | -          | 58.0            | 260.0           | 580.2            |
| Cocoa beans                | -                 | -               | 659.8            | -              | 1.0              | -               | 7.0             | -          | 0.1             | -               | 667.9            |
| <b>Natural Rubber</b>      | <b>0.3</b>        | <b>15.8</b>     | <b>3,629.5</b>   | <b>-</b>       | <b>740.1</b>     | <b>236.7</b>    | <b>407.0</b>    | <b>-</b>   | <b>4,600.0</b>  | <b>1,094.5</b>  | <b>10,724.0</b>  |
| <b>Palm Oil Fruit</b>      | <b>-</b>          | <b>160.0</b>    | <b>158,343.1</b> | <b>-</b>       | <b>101,740.9</b> | <b>-</b>        | <b>474.8</b>    | <b>-</b>   | <b>14,591.3</b> | <b>-</b>        | <b>275,310.1</b> |
| <b>Sweet Potatoes</b>      | <b>0.3</b>        | <b>40.0</b>     | <b>2,023.0</b>   | <b>110.1</b>   | <b>41.2</b>      | <b>62.3</b>     | <b>537.3</b>    | <b>-</b>   | <b>-</b>        | <b>1,352.5</b>  | <b>4,166.8</b>   |
| <b>Groundnuts</b>          | <b>-</b>          | <b>20.0</b>     | <b>480.0</b>     | <b>49.1</b>    | <b>0.2</b>       | <b>1,582.7</b>  | <b>29.4</b>     | <b>-</b>   | <b>32.0</b>     | <b>459.8</b>    | <b>2,653.3</b>   |

Source:  
FAOSTAT database

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

Table 10.11. Livestock and Poultry Population in ASEAN, 2014-2017

(head/ thousand head)

| Animal Type                               | Brunei Darussalam | Cambodia    | Indonesia    | Lao PDR     | Malaysia    | Myanmar      | Philippines  | Singapore | Thailand    | Viet Nam     | ASEAN        |
|---|-------------------|-------------|--------------|-------------|-------------|--------------|--------------|-----------|-------------|--------------|--------------|
| <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    |
| <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    |
| <b>2014</b>                               |                   |             |              |             |             |              |              |           |             |              |              |
| <b>Livestock Population (Head)</b>        |                   |             |              |             |             |              |              |           |             |              |              |
| Buffaloes                                 | 2,400.0           | 680,000.0   | 1,335,147.0  | 1,153,000.0 | 121,259.0   | 3,422,374.0  | 2,847,445.0  | -         | 1,020,088.0 | 2,521,400.0  | 13,103,113.0 |
| Cattle                                    | 800.0             | 2,875,000.0 | 14,726,875.0 | 1,766,000.0 | 743,019.0   | 15,481,101.0 | 2,512,184.0  | 200.0     | 4,898,575.0 | 5,234,300.0  | 48,238,054.0 |
| Goats                                     | 7,000.0           | -           | 18,639,533.0 | 481,000.0   | 429,439.0   | 5,615,439.0  | 3,695,627.0  | 670.0     | 447,546.0   | 1,600,275.0  | 30,916,529.0 |
| Pigs                                      | 1,300.0           | 2,180,000.0 | 7,694,130.0  | 3,122,000.0 | 2,188,991.0 | 13,760,958.0 | 11,801,656.0 | -         | 7,591,530.0 | 26,761,400.0 | 75,101,965.0 |
| Sheep                                     | 4,000.0           | -           | 16,091,838.0 | -           | 143,138.0   | 1,162,318.0  | 30,000.0     | -         | 43,901.0    | -            | 17,475,195.0 |
| <b>Poultry Population (Thousand Head)</b> |                   |             |              |             |             |              |              |           |             |              |              |
| Chicken                                   | 20,000.0          | 13,000.0    | 1,865,126.0  | 32,408.0    | 280,270.0   | 258,194.0    | 167,671.0    | 3,500.0   | 266,962.0   | 245,978.0    | 3,153,109.0  |
| Duck                                      | 230.0             | 8,300.0     | 45,268.0     | 3,500.0     | 9,418.0     | 20,128.0     | 9,886.0      | -         | 15,222.0    | 68,507.0     | 180,459.0    |

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

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

**Table 10.12. Livestock and Poultry Meat Production<sup>1)</sup> in ASEAN, 2014-2017**

(in thousand metric ton)

| Animal Type                  | Brunei Darussalam | Cambodia     | Indonesia      | Lao PDR      | Malaysia       | Myanmar        | Philippines    | Singapore    | Thailand       | Viet Nam       | ASEAN           |
|------------------------------|-------------------|--------------|----------------|--------------|----------------|----------------|----------------|--------------|----------------|----------------|-----------------|
| <b>2017</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.6               | 66.2         | 564.0          | 54.8         | 49.6           | 474.8          | 312.3          | 0.0          | 154.2          | 409.6          | 2,086.1         |
| Pig meat                     | 0.1               | 98.4         | 344.2          | 86.3         | 194.4          | 960.6          | 1,837.3        | 20.7         | 902.3          | 3,733.3        | 8,177.5         |
| Mutton and Goat Meat         | 0.0               | -            | 70.0           | 2.3          | 3.1            | 89.2           | 60.2           | 0.0          | 1.9            | 16.4           | 243.2           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 23.2              | 28.3         | 2,301.4        | 33.4         | 1,724.4        | 1,661.8        | 1,271.7        | 97.6         | 1,676.5        | 917.9          | 9,736.1         |
| <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> |
| <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> |
| <b>2014</b>                  |                   |              |                |              |                |                |                |              |                |                |                 |
| <b>Livestock production</b>  |                   |              |                |              |                |                |                |              |                |                |                 |
| Beef and Buffalo Meat        | 0.6               | 65.5         | 532.9          | 50.4         | 52.9           | 369.4          | 301.5          | 0.0          | 161.9          | 378.8          | 1,913.7         |
| Pig meat                     | 0.1               | 111.7        | 302.3          | 69.2         | 217.6          | 821.1          | 1,690.7        | 17.0         | 948.9          | 3,351.2        | 7,529.7         |
| Mutton and Goat Meat         | 0.1               | -            | 108.8          | 1.9          | 4.5            | 75.7           | 55.4           | 0.0          | 2.0            | 10.1           | 258.5           |
| <b>Poultry production</b>    |                   |              |                |              |                |                |                |              |                |                |                 |
| Poultry meat                 | 26.9              | 27.0         | 1,972.4        | 29.9         | 1,572.8        | 1,526.3        | 1,151.7        | 95.0         | 1,813.5        | 730.9          | 8,946.3         |
| <b>Total meat production</b> | <b>27.5</b>       | <b>204.1</b> | <b>2,916.4</b> | <b>151.3</b> | <b>1,847.8</b> | <b>2,792.5</b> | <b>3,199.3</b> | <b>112.1</b> | <b>2,926.3</b> | <b>4,470.9</b> | <b>18,648.2</b> |

Sources

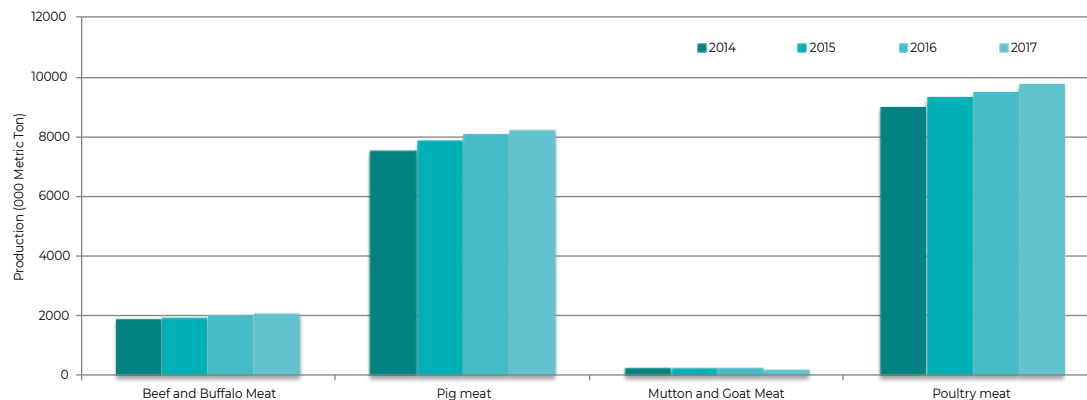
FAO database, <http://faostat.fao.org/>; as of November 2019

Notes:

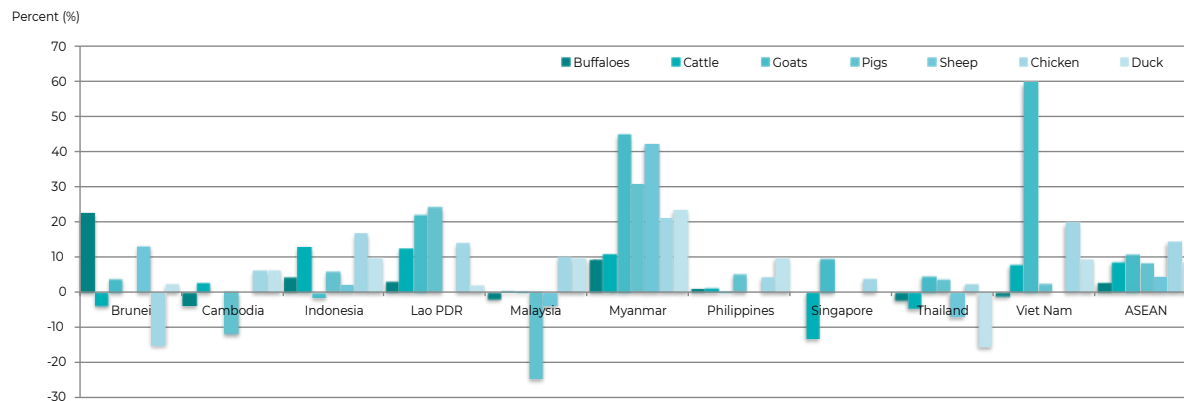
1) Some figures from the FAO are unofficial estimates: Cambodia (all); Lao PDR (goat meat); Indonesia (pork); Malaysia (buffalo and goat meat); Myanmar (beef, buffalo meat and pork); Philippines (mutton and lamb); Thailand (all except poultry meat); and Viet Nam (buffalo and goat meat)

“-” not available at the time of publication

**Chart 10.4. Trend of Livestock and Poultry Meat Production in ASEAN, 2014-2017**



**Chart 10.5. Growth Rate of Livestock and Poultry Population in ASEAN, 2014-2017**





**Table 10.13. ASEAN Exports of Selected Agricultural Products and Inputs, 2009-2018**

(in million US\$)

| No | Description   | 2009     | 2010     | 2011     | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     | % growth<br>(2009-2018) |
|----|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------------|
| 01 | Rice, including husked and broken rice                          | 6,621.3  | 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  | 3.5                     |
| 02 | Banana, fresh   | 363.7    | 339.3    | 524.0    | 678.1    | 1,003.3  | 1,223.3  | 564.6    | 965.1    | 1,475.7  | 1,797.6  | 17.3                    |
| 03 | Pineapple Production excluding fresh                            | 734.0    | 735.3    | 1,073.3  | 942.9    | 848.2    | 888.3    | 1,139.9  | 1,135.2  | 1,088.6  | 757.7    | 0.3                     |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 173.4    | 197.0    | 300.9    | 362.5    | 510.3    | 615.8    | 508.2    | 662.9    | 946.7    | 962.7    | 18.7                    |
| 05 | Oil of palm   | 19,904.4 | 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 | 2.5                     |
| 06 | Coconut oil   | 1,108.3  | 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  | 5.9                     |
| 07 | Cake of coconuts  | 74.8     | 106.9    | 97.5     | 187.3    | 290.4    | 178.0    | 120.8    | 96.1     | 102.2    | 120.2    | 4.9                     |
| 08 | Soybeans  | 18.5     | 15.4     | 22.1     | 23.8     | 20.8     | 50.5     | 20.8     | 23.2     | 20.4     | 11.1     | (5.0)                   |
| 09 | Sugar and honey   | 2,731.4  | 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  | 0.9                     |
| 10 | Coffee, green, husk, roasted                                    | 1,908.5  | 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  | 7.3                     |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 3,493.2  | 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  | 4.1                     |
| 12 | Tobacco   | 1,749.8  | 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  | 6.8                     |
| 13 | Crude Rubber  | 9,692.6  | 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 | 1.2                     |
| 14 | Fertilizers, manufactured                                       | 974.3    | 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  | 5.6                     |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 166.3    | 41.5     | 42.9     | 45.3     | 82.3     | 68.7     | 78.9     | 68.9     | 81.9     | 88.8     | (6.1)                   |

Source:  
ASEAN Secretariat

**Table 10.14. ASEAN Imports of Selected Agricultural Products and Inputs, 2009-2018**

(in million US\$)

| No | Description   | 2009    | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    | % growth<br>(2009-2018) |
|----|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------------|
| 01 | Rice, including husked and broken rice                          | 2,040.6 | 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 | 3.3                     |
| 02 | Banana, fresh   | 2.0     | 23.7    | 25.9    | 32.5    | 40.4    | 45.9    | 48.2    | 50.4    | 57.6    | 73.1    | 43.6                    |
| 03 | Pineapple Production excluding fresh                            | 8.4     | 9.2     | 12.0    | 11.3    | 12.3    | 12.8    | 14.5    | 17.5    | 17.2    | 11.3    | 3.1                     |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 112.3   | 130.4   | 140.6   | 181.0   | 248.9   | 310.0   | 259.5   | 298.8   | 473.4   | 459.0   | 15.1                    |
| 05 | Oil of palm   | 1,419.4 | 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 | (0.3)                   |
| 06 | Coconut oil   | 135.8   | 257.6   | 335.3   | 286.5   | 175.8   | 289.2   | 278.0   | 286.7   | 295.9   | 287.5   | 7.8                     |
| 07 | Cake of coconuts  | 20.9    | 21.2    | 30.5    | 35.1    | 40.1    | 19.4    | 25.5    | 20.6    | 28.4    | 21.0    | 0.0                     |
| 08 | Soybeans  | 1,642.9 | 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 | 7.0                     |
| 09 | Sugar and honey   | 2,010.5 | 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 | 1.9                     |
| 10 | Coffee, green, husk, roasted                                    | 211.6   | 268.4   | 464.2   | 553.2   | 500.4   | 505.0   | 506.0   | 548.3   | 625.7   | 775.7   | 13.9                    |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 330.7   | 458.0   | 670.8   | 669.4   | 766.1   | 1,108.3 | 888.1   | 851.6   | 1,113.8 | 1,112.2 | 12.9                    |
| 12 | Tobacco   | 1,807.1 | 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 | 5.9                     |
| 13 | Crude Rubber  | 1,642.1 | 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 | 0.9                     |
| 14 | Fertilizers, manufactured                                       | 4,678.4 | 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 | 3.8                     |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 329.2   | 81.5    | 109.5   | 123.8   | 119.4   | 124.6   | 115.8   | 119.7   | 147.9   | 165.2   | (6.7)                   |

Source:  
ASEAN Secretariat

**Table 10.15. ASEAN Exports of Selected Agricultural Products and Inputs by ASEAN Member States, 2017**

(in million US\$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total    |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|----------|
| 01 | Rice, including husked and broken rice                          | 0.0               | 341.2    | 3.3       | 31.1    | 0.9      | 1,030.8 | 0.9         | 35.2      | 5,166.8  | 2,301.0  | 8,911.3  |
| 02 | Banana, fresh   | -                 | 6.4      | 8.9       | 167.9   | 9.5      | 69.6    | 1,128.6     | 0.1       | 19.5     | 65.2     | 1,475.7  |
| 03 | Pineapple Production excluding fresh                            | -                 | -        | 196.8     | 0.0     | 5.4      | -       | 274.5       | 10.1      | 571.6    | 30.3     | 1,088.6  |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 0.0               | 1.6      | 11.2      | 11.1    | 22.6     | 12.0    | 253.9       | 3.9       | 282.9    | 347.5    | 946.7    |
| 05 | Oil of palm   | 0.0               | 21.3     | 18,513.1  | -       | 9,708.5  | 0.0     | 14.0        | 49.9      | 217.4    | 46.4     | 28,570.5 |
| 06 | Coconut oil   | -                 | -        | 817.0     | -       | 185.0    | 0.0     | 1,538.6     | 14.0      | 11.0     | 25.0     | 2,590.6  |
| 07 | Cake of coconuts  | -                 | -        | 33.4      | -       | 0.9      | -       | 63.6        | 0.0       | 3.3      | 0.9      | 102.2    |
| 08 | Soybeans  | -                 | 0.1      | 0.3       | 0.0     | 15.8     | 1.3     | 0.0         | 0.3       | 2.4      | 0.2      | 20.4     |
| 09 | Sugar and honey   | 0.1               | 42.3     | 234.6     | 78.3    | 233.5    | 763.9   | 45.8        | 80.8      | 1,780.0  | 196.5    | 3,455.8  |
| 10 | Coffee, green, husk, roasted                                    | 0.0               | 0.0      | 1,187.1   | 95.5    | 12.1     | 2.0     | 0.1         | 37.7      | 3.0      | 2,739.1  | 4,076.7  |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 3.7               | 0.5      | 1,689.7   | -       | 234.7    | 174.1   | 147.0       | 21.1      | 1,164.2  | 2,447.1  | 5,882.1  |
| 12 | Tobacco   | -                 | 26.0     | 1,050.5   | 58.7    | 228.1    | 58.4    | 285.8       | 1,088.7   | 152.2    | 224.9    | 3,173.2  |
| 13 | Crude Rubber  | 0.0               | 251.1    | 5,105.3   | 152.5   | 1,094.6  | 212.9   | 99.4        | 113.4     | 6,033.4  | 937.0    | 13,999.5 |
| 14 | Fertilizers, manufactured                                       | 0.1               | 0.0      | 276.9     | 69.5    | 567.3    | 0.3     | 27.7        | 22.4      | 192.4    | 250.8    | 1,407.5  |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.0               | 0.1      | 11.4      | -       | 13.8     | -       | -           | 14.5      | 40.5     | 1.7      | 81.9     |

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, 2017**

(in million US\$)

| No | Description   | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total   |
|----|---|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|---------|
| 01 | Rice, including husked and broken rice                          | 21.5              | 3.8      | 143.6     | 44.7    | 347.3    | 3.0     | 357.7       | 213.5     | 14.0     | 40.1     | 1,189.3 |
| 02 | Banana, fresh   | 2.7               | -        | 0.0       | 0.0     | 8.8      | 0.0     | 0.0         | 34.9      | 1.7      | 9.4      | 57.6    |
| 03 | Pineapple Production excluding fresh                            | 0.5               | 0.1      | 0.0       | 0.0     | 3.8      | 0.1     | 0.4         | 11.3      | 0.8      | 0.2      | 17.2    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 6.2               | 0.9      | 53.9      | 11.3    | 84.4     | 1.5     | 0.3         | 65.2      | 14.2     | 235.6    | 473.4   |
| 05 | Oil of palm   | 5.0               | 2.1      | 1.8       | 1.1     | 400.5    | 3.6     | 78.9        | 192.6     | 11.6     | 566.8    | 1,264.1 |
| 06 | Coconut oil   | 0.1               | 0.0      | 14.1      | 0.0     | 210.9    | 0.0     | 1.0         | 48.0      | 15.9     | 5.7      | 295.9   |
| 07 | Cake of coconuts  | -                 | 0.1      | 0.1       | 0.0     | 0.2      | -       | 8.2         | 0.1       | 0.0      | 19.6     | 28.4    |
| 08 | Soybeans  | 0.5               | 0.2      | 1,150.8   | 0.1     | 340.6    | 5.8     | 91.4        | 13.1      | 1,165.7  | 625.4    | 3,393.6 |
| 09 | Sugar and honey   | 7.5               | 46.8     | 314.3     | 75.5    | 183.4    | 857.9   | 417.4       | 284.1     | 185.8    | 229.9    | 2,602.6 |
| 10 | Coffee, green, husk, roasted                                    | 0.9               | 3.1      | 33.5      | 0.2     | 243.6    | 0.4     | 58.2        | 64.4      | 148.0    | 73.4     | 625.7   |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 6.2               | 0.2      | 73.6      | 0.0     | 129.7    | 1.0     | 25.3        | 186.7     | 210.8    | 480.4    | 1,113.8 |
| 12 | Tobacco   | 0.0               | 248.1    | 671.2     | 35.6    | 224.7    | 59.3    | 269.6       | 861.5     | 225.0    | 262.8    | 2,857.9 |
| 13 | Crude Rubber  | 0.0               | 4.7      | 41.8      | 9.6     | 1,777.3  | 0.4     | 39.4        | 103.2     | 4.5      | 318.7    | 2,299.6 |
| 14 | Fertilizers, manufactured                                       | 0.6               | 162.0    | 1,494.4   | 44.5    | 999.2    | 301.8   | 635.2       | 13.8      | 1,715.5  | 1,203.8  | 6,570.7 |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.2               | 5.2      | 16.4      | 0.1     | 16.7     | 0.5     | -           | 12.8      | 55.4     | 40.7     | 147.9   |

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, 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               | 410.7    | 1.5       | 31.4    | 8.5      | 921.5   | 0.6         | 23.7      | 5,344.0  | 2,621.4  | 9,365.1  |
| 02 | Banana, fresh   | -                 | 17.7     | 14.6      | 112.2   | 8.4      | 131.8   | 1,382.2     | 0.0       | 26.4     | 104.3    | 1,797.6  |
| 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               | 3.0      | 43.0      | 15.1    | 26.5     | 12.1    | 234.5       | 4.8       | 289.6    | 333.9    | 962.7    |
| 05 | Oil of palm   | 0.0               | 20.7     | 16,530.2  | -       | 8,694.8  | -       | 21.6        | 40.2      | 222.3    | 45.0     | 25,574.9 |
| 06 | Coconut oil   | 0.0               | -        | 722.7     | -       | 161.4    | 0.0     | 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     | 5.8      | 0.7     | 0.0         | 0.2       | 1.9      | 0.7      | 11.1     |
| 09 | Sugar and honey   | 0.1               | 60.3     | 264.9     | 48.9    | 194.8    | 508.9   | 51.3        | 92.0      | 1,588.8  | 189.1    | 2,998.9  |
| 10 | Coffee, green, husk, roasted                                    | 0.0               | 0.0      | 815.1     | 96.7    | 15.6     | 2.7     | 0.1         | 50.8      | 4.2      | 2,891.2  | 3,876.5  |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 2.8               | 0.5      | 1,479.5   | -       | 260.4    | 186.5   | 110.2       | 17.4      | 1,018.6  | 2,122.9  | 5,199.0  |
| 12 | Tobacco   | -                 | 32.1     | 1,126.3   | 71.2    | 154.9    | 55.5    | 444.6       | 1,083.9   | 163.8    | 242.4    | 3,374.8  |
| 13 | Crude Rubber  | -                 | 218.1    | 3,951.5   | 168.2   | 936.6    | 183.8   | 75.4        | 73.5      | 4,405.8  | 953.7    | 10,966.6 |
| 14 | Fertilizers, manufactured                                       | 0.0               | 0.2      | 395.3     | 118.8   | 622.2    | 0.0     | 27.8        | 16.8      | 231.7    | 265.8    | 1,678.6  |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | -                 | 0.1      | 11.9      | -       | 17.7     | 0.0     | -           | 18.1      | 38.6     | 2.4      | 88.8     |

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, 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              | 10.9     | 1,188.7   | 27.6    | 406.3    | 3.5     | 870.0       | 223.9     | 9.6      | 46.6     | 2,821.1 |
| 02 | Banana, fresh   | 2.8               | -        | 0.0       | 0.0     | 9.0      | 0.0     | 0.0         | 32.9      | 0.2      | 28.1     | 73.1    |
| 03 | Pineapple Production excluding fresh                            | 0.3               | 0.0      | 0.1       | 0.0     | 2.6      | 0.1     | 0.3         | 7.1       | 0.4      | 0.2      | 11.3    |
| 04 | Mangoes pineapple fresh, including guava, mangosteen, etc       | 5.9               | 0.8      | 64.9      | 15.3    | 85.4     | 0.3     | 0.7         | 73.6      | 22.6     | 189.5    | 459.0   |
| 05 | Oil of palm   | 2.9               | 3.6      | 1.0       | 0.9     | 452.8    | 9.3     | 197.6       | 172.9     | 1.1      | 541.5    | 1,383.5 |
| 06 | Coconut oil   | 0.0               | 0.1      | 17.5      | 0.0     | 198.6    | 0.1     | 0.5         | 57.2      | 6.6      | 6.8      | 287.5   |
| 07 | Cake of coconuts  | -                 | 0.1      | 0.2       | 0.3     | 0.4      | -       | -           | 0.3       | 0.0      | 19.7     | 21.0    |
| 08 | Soybeans  | 0.5               | 0.0      | 1,201.2   | 0.0     | 305.7    | 4.7     | 90.4        | 13.9      | 838.2    | 771.1    | 3,225.9 |
| 09 | Sugar and honey   | 9.7               | 36.8     | 367.1     | 50.9    | 231.7    | 594.3   | 481.9       | 276.0     | 139.2    | 244.2    | 2,431.6 |
| 10 | Coffee, green, husk, roasted                                    | 0.5               | 3.7      | 164.0     | 0.3     | 248.4    | 1.2     | 93.8        | 74.7      | 102.3    | 86.8     | 775.7   |
| 11 | Shrimps, Prawn, lobster, crab, other crustacean, fresh, frozen  | 6.5               | 0.3      | 88.0      | 0.0     | 140.1    | 1.2     | 30.7        | 193.1     | 180.9    | 471.2    | 1,112.2 |
| 12 | Tobacco   | 0.0               | 269.5    | 826.3     | 41.9    | 266.4    | 8.5     | 367.0       | 906.0     | 216.7    | 292.1    | 3,194.4 |
| 13 | Crude Rubber  | 0.0               | 3.9      | 57.8      | 1.7     | 1,315.8  | 0.5     | 33.4        | 64.2      | 1.8      | 317.3    | 1,796.5 |
| 14 | Fertilizers, manufactured                                       | 1.5               | 214.1    | 1,858.2   | 65.4    | 1,080.6  | 352.3   | 694.1       | 16.9      | 1,368.7  | 1,165.9  | 6,817.7 |
| 15 | Insecticides, fungicide, herbicide, disinfectants & rodenticide | 0.2               | 9.1      | 27.3      | 0.2     | 22.2     | 0.6     | -           | 14.7      | 47.0     | 44.1     | 165.2   |

Source:  
ASEAN Secretariat

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

**Table 10.19. ASEAN Major Markets of Agricultural Export Commodities, 2017 - 2018**

| Major Markets      | 2017             |              | Major Markets      | 2018             |              |
|--------------------|------------------|--------------|--------------------|------------------|--------------|
|                    | Value (Mn US \$) | Share (%)    |                    | Value (Mn US \$) | Share (%)    |
| ASEAN              | 30,865.7         | 21.9         | ASEAN              | 32,891.0         | 23.1         |
| China              | 21,182.5         | 15.0         | China              | 22,110.7         | 15.6         |
| EU-28              | 17,390.1         | 12.3         | United States      | 16,148.7         | 11.4         |
| United States      | 13,662.7         | 9.7          | EU-28              | 15,613.0         | 11.0         |
| Japan              | 10,013.2         | 7.1          | Japan              | 10,053.1         | 7.1          |
| India              | 8,068.7          | 5.7          | India              | 6,696.8          | 4.7          |
| Korea, Republic of | 3,451.7          | 2.4          | Korea, Republic of | 3,836.7          | 2.7          |
| Australia          | 2,984.2          | 2.1          | Australia          | 3,042.9          | 2.1          |
| Pakistan           | 2,774.2          | 2.0          | Pakistan           | 2,603.3          | 1.8          |
| Hong Kong          | 2,352.1          | 1.7          | Hong Kong          | 2,530.8          | 1.8          |
| <b>Top Ten</b>     | <b>112,745.0</b> | <b>79.9</b>  | <b>Top Ten</b>     | <b>115,527.0</b> | <b>81.3</b>  |
| <b>Others</b>      | <b>28,347.8</b>  | <b>20.1</b>  | <b>Others</b>      | <b>26,631.8</b>  | <b>18.7</b>  |
| <b>Total</b>       | <b>141,092.8</b> | <b>100.0</b> | <b>Total</b>       | <b>142,158.8</b> | <b>100.0</b> |

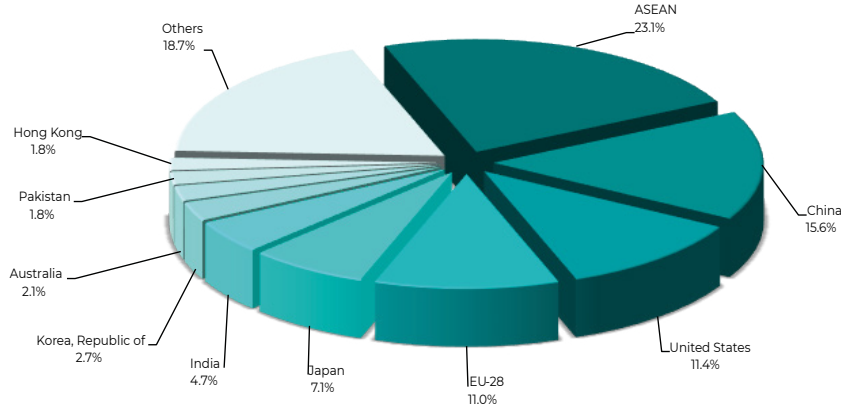
Source:  
ASEAN Secretariat

**Table 10.20. ASEAN Major Origins of Agricultural Import Commodities, 2017 - 2018**

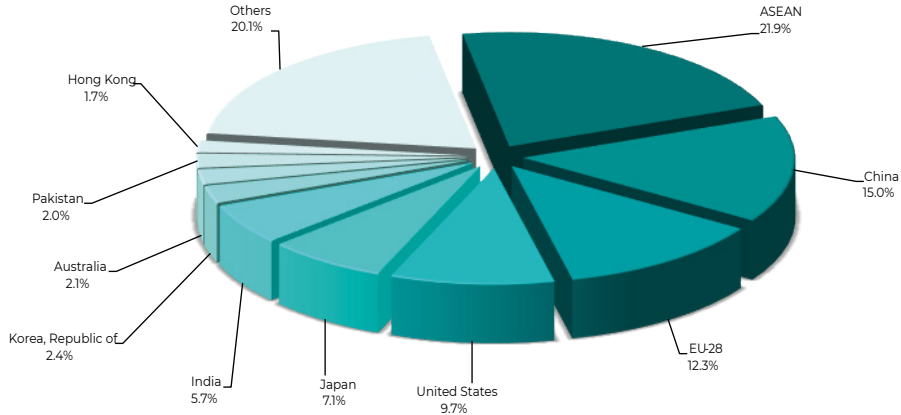
| Major Origin   | 2017             |              | Major Origin   | 2018             |              |
|----------------|------------------|--------------|----------------|------------------|--------------|
|                | Value (Mn US \$) | Share (%)    |                | Value (Mn US \$) | Share (%)    |
| ASEAN          | 25,287.1         | 27.3         | ASEAN          | 28,245.8         | 27.9         |
| United States  | 10,214.4         | 11.0         | United States  | 12,261.3         | 12.1         |
| China          | 8,997.9          | 9.7          | China          | 9,829.1          | 9.7          |
| EU-28          | 8,248.6          | 8.9          | EU-28          | 9,528.9          | 9.4          |
| Australia      | 7,005.1          | 7.6          | Australia      | 6,715.3          | 6.6          |
| Brazil         | 5,682.3          | 6.1          | Argentina      | 5,771.8          | 5.7          |
| Argentina      | 5,528.3          | 6.0          | Brazil         | 5,088.8          | 5.0          |
| India          | 3,658.9          | 4.0          | India          | 4,142.4          | 4.1          |
| New Zealand    | 2,857.3          | 3.1          | New Zealand    | 2,917.2          | 2.9          |
| Canada         | 1,622.8          | 1.8          | Canada         | 1,643.5          | 1.6          |
| <b>Top Ten</b> | <b>79,102.8</b>  | <b>85.6</b>  | <b>Top Ten</b> | <b>86,144.4</b>  | <b>85.1</b>  |
| <b>Others</b>  | <b>13,360.7</b>  | <b>14.4</b>  | <b>Others</b>  | <b>15,044.4</b>  | <b>14.9</b>  |
| <b>Total</b>   | <b>92,463.5</b>  | <b>100.0</b> | <b>Total</b>   | <b>101,188.8</b> | <b>100.0</b> |

Source:  
ASEAN Secretariat

**Chart 10.6. Shares of ASEAN Major Markets of Agricultural Export Commodities, 2018**

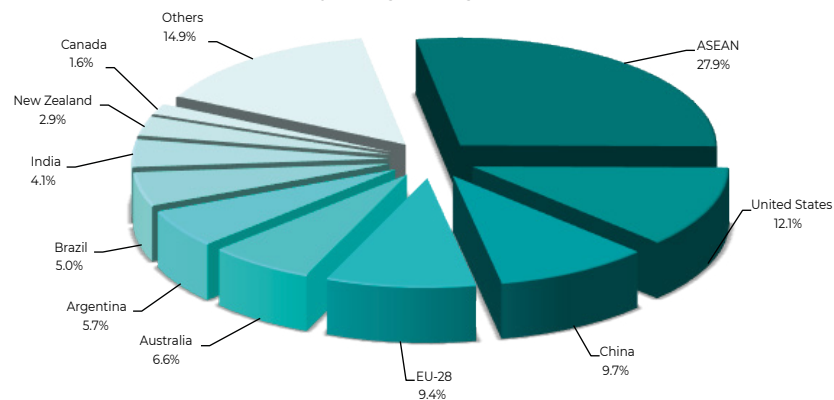


**Chart 10.7. Shares of ASEAN Major Markets of Agricultural Export Commodities, 2017**

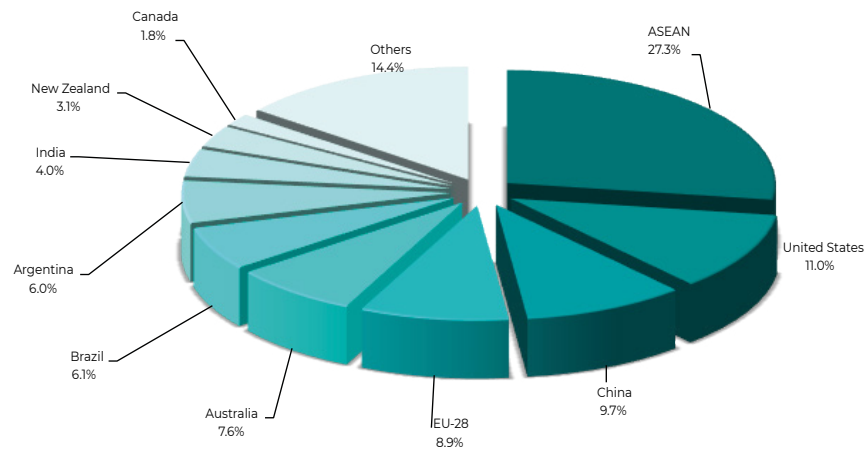




**Chart 10.8. Shares of ASEAN Major Origin of Agricultural Import Commodities, 2018**



**Chart 10.9. Shares of ASEAN Major Origin of Agricultural Import Commodities, 2017**



**Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2014-2018**

| Selected Products/<br>2018 Top 3 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 1,947.5             | 21.5         | 1,995.0             | 24.4         | 1,252.1             | 17.7         | 1,055.5             | 11.8         | 2,260.3             | 24.1         |
| China                                      | 1,778.4             | 19.7         | 1,934.5             | 23.7         | 1,671.1             | 23.6         | 2,293.7             | 25.7         | 1,835.7             | 19.6         |
| Benin                                      | 485.2               | 5.4          | 299.5               | 3.7          | 521.6               | 7.4          | 690.4               | 7.7          | 624.3               | 6.7          |
| Top 3                                      | 4,211.1             | 46.5         | 4,229.0             | 51.8         | 3,444.8             | 48.6         | 4,039.6             | 45.3         | 4,720.3             | 50.4         |
| <b>Banana, fresh</b>                       |                     |              |                     |              |                     |              |                     |              |                     |              |
| China                                      | 326.4               | 26.7         | 204.0               | 36.1         | 445.1               | 46.1         | 584.6               | 39.6         | 850.3               | 47.3         |
| Japan                                      | 401.3               | 32.8         | 180.6               | 32.0         | 237.8               | 24.6         | 396.6               | 26.9         | 491.6               | 27.3         |
| Korea, Republic of                         | 122.6               | 10.0         | 53.6                | 9.5          | 117.2               | 12.1         | 181.9               | 12.3         | 197.4               | 11.0         |
| Top 3                                      | 850.3               | 69.5         | 438.1               | 77.6         | 800.0               | 82.9         | 1,163.1             | 78.8         | 1,539.3             | 85.6         |
| <b>Pineapple products</b>                  |                     |              |                     |              |                     |              |                     |              |                     |              |
| United States of America                   | 307.5               | 34.6         | 413.1               | 36.2         | 432.4               | 38.1         | 340.1               | 31.2         | 258.2               | 34.1         |
| EU-28                                      | 240.0               | 27.0         | 284.9               | 25.0         | 291.8               | 25.7         | 324.1               | 29.8         | 217.2               | 28.7         |
| Japan                                      | 36.0                | 4.1          | 44.9                | 3.9          | 46.1                | 4.1          | 40.8                | 3.7          | 31.9                | 4.2          |
| Top 3                                      | 583.5               | 65.7         | 742.9               | 65.2         | 770.3               | 67.9         | 705.0               | 64.8         | 507.3               | 66.9         |
| <b>Palm Oil</b>                            |                     |              |                     |              |                     |              |                     |              |                     |              |
| India                                      | 6,023.6             | 20.2         | 5,279.9             | 21.1         | 5,176.2             | 21.9         | 6,369.2             | 22.3         | 4,943.6             | 19.3         |
| EU-28                                      | 4,498.2             | 15.1         | 3,467.3             | 13.9         | 3,148.1             | 13.3         | 3,801.9             | 13.3         | 3,348.8             | 13.1         |
| ASEAN                                      | 3,059.7             | 10.2         | 2,813.9             | 11.2         | 2,682.1             | 11.4         | 3,183.2             | 11.1         | 2,903.4             | 11.4         |
| Top 3                                      | 13,581.6            | 45.5         | 11,561.2            | 46.2         | 11,006.4            | 46.6         | 13,354.3            | 46.7         | 11,195.8            | 43.8         |

**Table 10.21. ASEAN Major Markets of Selected Agricultural Export Commodities, 2014-2018 (Continued)**

| Selected Products/<br>2018 Top 3 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 674.2               | 27.9         | 686.6               | 31.7         | 696.6               | 32.0         | 952.7               | 36.8         | 637.8               | 32.6         |
| United States of America                   | 812.1               | 33.6         | 727.2               | 33.6         | 695.5               | 31.9         | 776.5               | 30.0         | 586.5               | 30.0         |
| ASEAN                                      | 315.9               | 13.1         | 202.2               | 9.3          | 209.7               | 9.6          | 210.0               | 8.1          | 221.2               | 11.3         |
| Top 3                                      | 1,802.2             | 74.7         | 1,616.0             | 74.6         | 1,601.8             | 73.5         | 1,939.2             | 74.9         | 1,445.5             | 73.8         |
| <b>Shrimps, prawns, lobster, oth crust</b> |                     |              |                     |              |                     |              |                     |              |                     |              |
| United States of America                   | 2,260.1             | 37.9         | 1,442.5             | 33.2         | 1,719.1             | 35.4         | 1,828.6             | 31.1         | 1,427.0             | 27.4         |
| Japan                                      | 1,086.9             | 18.2         | 866.9               | 20.0         | 888.1               | 18.3         | 1,024.2             | 17.4         | 919.6               | 17.7         |
| China                                      | 493.4               | 8.3          | 452.5               | 10.4         | 498.7               | 10.3         | 842.6               | 14.3         | 821.5               | 15.8         |
| Top 3                                      | 3,840.5             | 64.4         | 2,761.9             | 63.6         | 3,105.8             | 64.0         | 3,695.4             | 62.8         | 3,168.0             | 60.9         |
| <b>Tobacco</b>                             |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 2,077.1             | 67.6         | 1,973.9             | 61.7         | 2,181.1             | 68.5         | 2,276.3             | 71.7         | 2,334.1             | 69.2         |
| EU-28                                      | 175.5               | 5.7          | 167.6               | 5.2          | 157.5               | 4.9          | 179.6               | 5.7          | 181.5               | 5.4          |
| Hong Kong                                  | 73.4                | 2.4          | 78.7                | 2.5          | 84.6                | 2.7          | 88.3                | 2.8          | 120.8               | 3.6          |
| Top 3                                      | 2,325.9             | 75.7         | 2,220.2             | 69.4         | 2,423.3             | 76.0         | 2,544.2             | 80.2         | 2,636.3             | 78.1         |
| <b>Crude Rubber</b>                        |                     |              |                     |              |                     |              |                     |              |                     |              |
| China                                      | 4,817.5             | 33.9         | 3,803.3             | 33.7         | 3,271.8             | 32.4         | 4,664.6             | 33.3         | 3,201.8             | 29.2         |
| EU-28                                      | 1,742.3             | 12.3         | 1,363.8             | 12.1         | 1,276.1             | 12.7         | 1,817.0             | 13.0         | 1,459.6             | 13.3         |
| ASEAN                                      | 1,489.5             | 10.5         | 1,254.3             | 11.1         | 1,136.5             | 11.3         | 1,653.0             | 11.8         | 1,231.3             | 11.2         |
| Top 3                                      | 8,049.4             | 56.7         | 6,421.4             | 56.9         | 5,684.5             | 56.3         | 8,134.6             | 58.1         | 5,892.7             | 53.7         |

Source:  
ASEAN Secretariat

**Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2014-2018**

| Selected Products/<br>2018 Top 3 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 1,398.8             | 79.1         | 1,314.8             | 77.0         | 1,211.7             | 80.9         | 906.0               | 76.2         | 2,221.6             | 78.8         |
| India                                      | 177.0               | 10.0         | 185.2               | 10.8         | 119.0               | 7.9          | 130.9               | 11.0         | 311.6               | 11.0         |
| Pakistan                                   | 124.0               | 7.0          | 145.0               | 8.5          | 96.1                | 6.4          | 85.6                | 7.2          | 205.6               | 7.3          |
| Top 3                                      | 1,699.8             | 96.1         | 1,645.1             | 96.3         | 1,426.8             | 95.3         | 1,122.4             | 94.4         | 2,738.8             | 97.1         |
| <b>Banana, fresh</b>                       |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 44.6                | 97.1         | 44.4                | 92.1         | 42.9                | 85.1         | 48.3                | 83.7         | 66.6                | 91.1         |
| Ecuador                                    | 0.4                 | 0.8          | 1.8                 | 3.7          | 3.7                 | 7.3          | 3.9                 | 6.8          | 2.8                 | 3.8          |
| India                                      | 0.7                 | 1.5          | 0.8                 | 1.7          | 1.4                 | 2.7          | 1.4                 | 2.5          | 2.1                 | 2.9          |
| Top 3                                      | 45.6                | 99.4         | 47.0                | 97.5         | 48.0                | 95.2         | 53.6                | 93.0         | 71.5                | 97.8         |
| <b>Pineapple products</b>                  |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 12.6                | 98.5         | 14.3                | 98.5         | 17.2                | 98.0         | 16.7                | 97.5         | 10.9                | 96.4         |
| China                                      | 0.1                 | 0.8          | 0.1                 | 0.6          | 0.2                 | 0.9          | 0.2                 | 1.2          | 0.2                 | 1.7          |
| Korea, Republic of                         | 0.0                 | 0.0          | -                   | -            | 0.0                 | 0.0          | 0.0                 | 0.2          | 0.1                 | 1.1          |
| Top 3                                      | 12.7                | 99.3         | 14.4                | 99.1         | 17.4                | 99.0         | 17.0                | 98.9         | 11.2                | 99.1         |
| <b>Palm Oil</b>                            |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,491.8             | 98.8         | 1,536.1             | 97.9         | 1,100.4             | 98.4         | 1,240.1             | 98.1         | 1,366.9             | 98.8         |
| Papua New Guinea                           | 15.9                | 1.1          | 18.0                | 1.1          | 8.3                 | 0.7          | 16.5                | 1.3          | 16.2                | 1.2          |
| United States of America                   | 0.0                 | 0.0          | 0.0                 | 0.0          | 0.1                 | 0.0          | 0.0                 | 0.0          | 0.1                 | 0.0          |
| Top 3                                      | 1,507.7             | 99.9         | 1,554.1             | 99.0         | 1,108.8             | 99.1         | 1,256.7             | 99.4         | 1,383.2             | 100.0        |

**Table 10.22. ASEAN Major Markets of Selected Agricultural Import Commodities, 2014-2018 (Continued)**

| Selected Products/<br>2018 Top 3 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 258.3               | 89.3         | 250.2               | 90.0         | 227.7               | 79.4         | 230.8               | 78.0         | 239.9               | 83.5         |
| Papua New Guinea                           | 6.6                 | 2.3          | 7.0                 | 2.5          | 14.6                | 5.1          | 34.8                | 11.7         | 25.4                | 8.8          |
| India                                      | 0.7                 | 0.3          | 0.8                 | 0.3          | 18.0                | 6.3          | 5.3                 | 1.8          | 3.5                 | 1.2          |
| Top 3                                      | 265.7               | 91.9         | 258.1               | 92.8         | 260.3               | 90.8         | 270.8               | 91.5         | 268.8               | 93.5         |
| <b>Shrimps, prawns, lobster, oth crust</b> |                     |              |                     |              |                     |              |                     |              |                     |              |
| India                                      | 424.6               | 38.3         | 390.4               | 44.0         | 321.4               | 37.7         | 392.6               | 35.3         | 353.3               | 31.8         |
| ASEAN                                      | 194.4               | 17.5         | 155.1               | 17.5         | 168.8               | 19.8         | 236.5               | 21.2         | 253.2               | 22.8         |
| Argentina                                  | 36.5                | 3.3          | 29.1                | 3.3          | 59.3                | 7.0          | 87.8                | 7.9          | 89.8                | 8.1          |
| Top 3                                      | 655.5               | 59.1         | 574.5               | 64.7         | 549.4               | 64.5         | 716.9               | 64.4         | 696.4               | 62.6         |
| <b>Tobacco</b>                             |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,056.8             | 38.6         | 985.4               | 38.5         | 998.8               | 36.5         | 1,013.0             | 35.4         | 1,102.1             | 34.5         |
| China                                      | 560.5               | 20.5         | 564.2               | 22.0         | 668.1               | 24.4         | 672.9               | 23.5         | 631.6               | 19.8         |
| Brazil                                     | 251.6               | 9.2          | 219.5               | 8.6          | 219.6               | 8.0          | 275.0               | 9.6          | 284.4               | 8.9          |
| Top 3                                      | 1,868.9             | 68.3         | 1,769.0             | 69.0         | 1,886.5             | 68.9         | 1,961.0             | 68.6         | 2,018.2             | 63.2         |
| <b>Crude Rubber</b>                        |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 1,865.9             | 88.8         | 1,431.3             | 87.9         | 1,261.3             | 85.0         | 1,759.9             | 76.5         | 1,405.3             | 78.2         |
| Côte d'Ivoire                              | 144.2               | 6.9          | 128.7               | 7.9          | 159.1               | 10.7         | 393.5               | 17.1         | 290.1               | 16.1         |
| Ghana                                      | 5.2                 | 0.2          | 10.9                | 0.7          | 9.1                 | 0.6          | 26.8                | 1.2          | 20.4                | 1.1          |
| Top 3                                      | 2,015.4             | 95.9         | 1,571.0             | 96.4         | 1,429.5             | 96.3         | 2,180.3             | 94.8         | 1,715.8             | 95.5         |

Source:  
ASEAN Secretariat

**Table 10.23. ASEAN Major Markets of Exports of Selected Agricultural Inputs, 2014 - 2018**

| Selected Products/<br>2018 Top 5 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 952.1               | 58.1         | 849.5               | 68.8         | 748.8               | 67.5         | 968.2               | 68.8         | 1,079.1             | 64.3         |
| China                                      | 50.0                | 3.1          | 3.7                 | 0.3          | 13.1                | 1.2          | 63.1                | 4.5          | 111.1               | 6.6          |
| Australia                                  | 170.6               | 10.4         | 108.4               | 8.8          | 105.7               | 9.5          | 105.3               | 7.5          | 103.6               | 6.2          |
| India                                      | 4.4                 | 0.3          | 9.3                 | 0.8          | 16.9                | 1.5          | 46.4                | 3.3          | 61.2                | 3.6          |
| New Zealand                                | 38.2                | 2.3          | 38.0                | 3.1          | 17.0                | 1.5          | 49.6                | 3.5          | 53.8                | 3.2          |
| Top 5                                      | 1,215.3             | 74.2         | 1,008.9             | 81.7         | 901.5               | 81.3         | 1,232.7             | 87.6         | 1,408.9             | 83.9         |
| <b>Agriculture Pesticides</b>              |                     |              |                     |              |                     |              |                     |              |                     |              |
| ASEAN                                      | 37.3                | 54.3         | 50.4                | 63.9         | 44.2                | 64.1         | 54.0                | 65.9         | 57.0                | 64.2         |
| Japan                                      | 6.8                 | 9.9          | 9.8                 | 12.4         | 9.9                 | 14.4         | 12.6                | 15.3         | 11.8                | 13.2         |
| China                                      | 8.6                 | 12.5         | 2.6                 | 3.3          | 1.8                 | 2.6          | 1.4                 | 1.8          | 4.5                 | 5.1          |
| Taiwan, Province of China                  | 3.7                 | 5.3          | 3.4                 | 4.3          | 3.6                 | 5.3          | 3.6                 | 4.5          | 3.9                 | 4.4          |
| India                                      | 0.9                 | 1.3          | 1.1                 | 1.4          | 1.0                 | 1.5          | 1.5                 | 1.9          | 3.6                 | 4.0          |
| Top 5                                      | 57.3                | 83.5         | 67.2                | 85.2         | 60.5                | 87.8         | 73.1                | 89.3         | 80.8                | 90.9         |

Source:  
ASEAN Secretariat

**Table 10.24. ASEAN Major Origins of Imports of Selected Agricultural Inputs, 2014-2018**

| Selected Products/<br>2018 Top 5 Countries | 2014                |              | 2015                |              | 2016                |              | 2017                |              | 2018                |              |
|--|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|  | Value<br>(Mn US \$) | Share<br>(%) | 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                                      | 2,171.8             | 28.6         | 2,322.1             | 31.7         | 1,918.5             | 31.7         | 1,665.9             | 25.4         | 1,521.7             | 22.3         |
| ASEAN                                      | 823.7               | 10.8         | 813.9               | 11.1         | 725.6               | 12.0         | 981.8               | 14.9         | 1,120.9             | 16.4         |
| Canada                                     | 880.6               | 11.6         | 811.6               | 11.1         | 648.5               | 10.7         | 657.2               | 10.0         | 829.5               | 12.2         |
| Russian Federation                         | 821.6               | 10.8         | 788.2               | 10.7         | 648.4               | 10.7         | 758.8               | 11.5         | 791.3               | 11.6         |
| Belarus                                    | 420.3               | 5.5          | 452.2               | 6.2          | 308.6               | 5.1          | 344.2               | 5.2          | 432.1               | 6.3          |
| Top 5                                      | 5,118.0             | 67.4         | 5,188.1             | 70.7         | 4,249.6             | 70.3         | 4,407.8             | 67.1         | 4,695.4             | 68.9         |
| <b>Agriculture Pesticides</b>              |                     |              |                     |              |                     |              |                     |              |                     |              |
| China                                      | 45.4                | 36.4         | 41.9                | 36.2         | 40.3                | 33.6         | 55.7                | 37.6         | 68.5                | 41.5         |
| ASEAN                                      | 21.8                | 17.5         | 21.1                | 18.2         | 31.4                | 26.2         | 38.5                | 26.0         | 36.5                | 22.1         |
| EU-28                                      | 21.5                | 17.3         | 21.3                | 18.4         | 20.2                | 16.8         | 21.2                | 14.3         | 25.7                | 15.5         |
| United Kingdom                             | 5.3                 | 4.2          | 6.9                 | 5.9          | 7.6                 | 6.3          | 7.7                 | 5.2          | 10.0                | 6.0          |
| Switzerland                                | 4.7                 | 3.8          | 6.2                 | 5.4          | 4.8                 | 4.0          | 8.7                 | 5.9          | 9.6                 | 5.8          |
| Top 5                                      | 98.6                | 79.2         | 97.4                | 84.1         | 104.1               | 87.0         | 131.7               | 89.0         | 150.2               | 90.9         |

Source:  
ASEAN Secretariat

**Table 10.25. ASEAN Exports of Fishery Products by 4 Digit HS Code, 2009-2018**

(in million US\$)

| HS Code     | 0301         | 0302  | 0303  | 0304   | 0305   | 0306  | 0307  | 0308  | Total    |
|-------------|--------------|---|---|--|--|---|---|---|----------|
| 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 |          |
| 2009        | 245.5        | 497.8   | 673.6   | 1,426.5  | 212.4  | 3,499.8   | 869.5   | -   | 7,425.0  |
| 2010        | 297.3        | 579.0   | 933.6   | 2,569.9  | 289.4  | 4,881.3   | 1,087.2   | -   | 10,637.5 |
| 2011        | 291.0        | 545.1   | 1,081.8   | 3,164.3  | 337.2  | 5,379.2   | 1,390.2   | -   | 12,188.8 |
| 2012        | 436.9        | 745.4   | 1,156.4   | 3,385.9  | 445.7  | 4,967.3   | 1,264.0   | 79.0  | 12,480.6 |
| 2013        | 482.3        | 621.3   | 1,023.0   | 3,051.3  | 421.7  | 5,264.0   | 1,174.1   | 80.2  | 12,117.9 |
| 2014        | 354.9        | 498.3   | 1,047.7   | 3,234.0  | 349.8  | 6,097.2   | 1,226.0   | 77.7  | 12,885.5 |
| 2015        | 313.3        | 510.8   | 929.6   | 3,138.0  | 335.8  | 4,493.3   | 1,122.9   | 74.4  | 10,918.0 |
| 2016        | 331.1        | 485.9   | 1,122.1   | 3,183.2  | 409.2  | 5,053.9   | 1,272.2   | 53.4  | 11,911.1 |
| 2017        | 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  | 5,199.0   | 1,712.0   | 75.2  | 13,564.1 |

Source:  
ASEAN Secretariat

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



**Table 10.26. ASEAN Exports of Fishery Products, by ASEAN Member States, 2009-2018**

(in million US\$)

| Country | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Viet Nam | Total    |
|---------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|----------|----------|
| 2009    | -                 | 4.0      | 1,709.5   | -       | 541.2    | 259.8   | 268.2       | 242.5     | 2,473.6  | 1,926.1  | 7,425.0  |
| 2010    | 1.0               | 2.8      | 2,015.6   | -       | 701.4    | 313.2   | 338.2       | 288.3     | 2,867.1  | 4,110.0  | 10,637.5 |
| 2011    | 1.5               | 3.1      | 2,439.5   | -       | 769.2    | 316.6   | 367.7       | 319.7     | 3,053.8  | 4,917.6  | 12,188.7 |
| 2012    | 2.4               | 1.7      | 2,753.1   | 0.2     | 680.3    | 672.0   | 420.1       | 291.4     | 2,844.1  | 4,815.3  | 12,480.6 |
| 2013    | 3.8               | 1.2      | 2,856.4   | 0.1     | 622.9    | 699.4   | 558.2       | 255.7     | 2,129.6  | 4,990.7  | 12,117.9 |
| 2014    | 4.0               | 0.7      | 3,111.9   | 0.4     | 675.8    | 423.2   | 649.7       | 231.5     | 2,134.2  | 5,654.1  | 12,885.5 |
| 2015    | 3.1               | 0.5      | 2,649.8   | 0.1     | 504.8    | 446.5   | 504.4       | 264.7     | 1,766.8  | 4,777.4  | 10,918.0 |
| 2016    | 3.4               | 0.7      | 2,923.7   | 0.1     | 515.2    | 537.5   | 505.8       | 264.4     | 2,038.9  | 5,121.5  | 11,911.1 |
| 2017    | 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    | 734.1   | 476.9       | 282.4     | 1,900.4  | 6,407.6  | 13,564.1 |

Source:  
ASEAN Secretariat

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

**Table 10.27. ASEAN Imports of Fishery Products by 4 Digit HS Code, 2009-2018**

(in million US\$)

| HS Code     | 0301         | 0302  | 0303  | 0304   | 0305   | 0306  | 0307  | 0308  | Total   |
|-------------|--------------|---|---|--|--|---|---|---|---------|
| 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 |         |
| 2009        | 69.8         | 311.6   | 2,151.6   | 209.7  | 82.7   | 368.4   | 274.3   | -   | 3,467.9 |
| 2010        | 79.0         | 372.8   | 2,454.8   | 250.3  | 110.3  | 458.0   | 335.5   | -   | 4,060.7 |
| 2011        | 79.0         | 407.6   | 3,130.9   | 335.1  | 110.0  | 670.8   | 458.6   | -   | 5,192.0 |
| 2012        | 83.2         | 415.9   | 3,416.8   | 373.4  | 127.9  | 768.6   | 430.9   | 33.8  | 5,650.6 |
| 2013        | 67.9         | 452.7   | 3,278.4   | 389.7  | 117.8  | 857.9   | 559.5   | 35.7  | 5,759.6 |
| 2014        | 64.8         | 448.6   | 2,790.1   | 473.1  | 107.1  | 1,202.7   | 591.9   | 41.2  | 5,719.6 |
| 2015        | 58.6         | 419.2   | 2,653.2   | 516.3  | 113.9  | 975.0   | 607.9   | 43.2  | 5,387.4 |
| 2016        | 62.3         | 530.3   | 3,022.9   | 516.1  | 133.3  | 940.9   | 729.4   | 35.6  | 5,970.8 |
| 2017        | 97.6         | 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 |

Source:  
ASEAN Secretariat

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

**Table 10.28. ASEAN Imports of Fishery Products by ASEAN Member States, 2009-2018**

(in million US\$)

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

Source:  
ASEAN Secretariat

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





CHAPTER 11

# **Manufacturing**



**Table 11.1. Number of Manufacturing Establishments and Persons Engaged in ASEAN by Establishment Size<sup>1)</sup>, 2009-2018**

| 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 | 238                      | 86      | 550          | 2,300                                  | 3,100   | 2,400        |
| Cambodia                  | 2009 | 8,172                    | 4,259   | 692          | 105,073                                | 148,578 | 372,765      |
|                           | 2014 | 9,412                    | 4,204   | 139,756      | 126,627                                | 147,978 | 530,208      |
| Indonesia                 | 2009 | -                        | 17,704  | 6,764        | -                                      | 670,735 | 3,674,439    |
|                           | 2010 | -                        | 16,535  | 6,810        | -                                      | 632,319 | 3,868,826    |
|                           | 2011 | -                        | 16,295  | 7,075        | -                                      | 617,531 | 4,011,838    |
|                           | 2012 | -                        | 16,591  | 7,001        | -                                      | 625,920 | 4,302,919    |
|                           | 2013 | -                        | 16,599  | 7,099        | -                                      | 690,130 | 4,314,782    |
|                           | 2014 | -                        | 17,055  | 6,689        | -                                      | 707,221 | 4,473,310    |
|                           | 2015 | -                        | 18,495  | 7,827        | -                                      | 753,360 | 4,493,975    |
|                           | 2016 | -                        | 24,748  | 10,415       | -                                      | 979,400 | 5,411,500    |
|                           | 2017 | -                        | -       | -            | -                                      | -       | -            |
| Malaysia                  | 2009 | 4,301                    | 6,743   | 3,247        | 58,000                                 | 308,000 | 1,264,800    |
|                           | 2010 | 4,756                    | 6,812   | 3,390        | 64,300                                 | 307,500 | 1,352,500    |
|                           | 2012 | -                        | -       | -            | 62,000                                 | 309,000 | 1,543,000    |
|                           | 2014 | -                        | -       | -            | 52,000                                 | 357,100 | 1,606,000    |
|                           | 2015 | 6,787                    | 9,318   | 3,822        | 94,300                                 | 411,900 | 1,494,000    |
| Myanmar                   | 2009 | 30,557                   | 6,700   | 3,826        | 158                                    | 4,844   | 51,293       |
|                           | 2010 | 31,923                   | 7,081   | 4,317        | 171                                    | 4,758   | 46,556       |
|                           | 2011 | 31,198                   | 7,360   | 4,860        | 213                                    | 4,887   | 44,532       |
|                           | 2012 | 30,725                   | 7,635   | 5,141        | 329                                    | 4,287   | 41,913       |
|                           | 2013 | 30,187                   | 7,988   | 5,406        | 279                                    | 3,714   | 41,037       |
|                           | 2014 | 30,287                   | 8,576   | 5,778        | 252                                    | 3,143   | 34,438       |
|                           | 2015 | 30,795                   | 9,239   | 6,119        | 329                                    | 4,256   | 32,976       |
|                           | 2016 | 31,590                   | 9,948   | 6,793        | 338                                    | 4,122   | 36,048       |
|                           | 2017 | 32,044                   | 10,777  | 7,556        | 335                                    | 4,233   | 34,763       |
| Philippines <sup>2)</sup> | 2018 | 31,995                   | 11,319  | 7,883        | 50                                     | 360     | 272          |
|                           | 2009 | -                        | 17,094  | -            | -                                      | -       | -            |
|                           | 2010 | -                        | 16,269  | -            | -                                      | -       | -            |
|                           | 2011 | -                        | -       | -            | -                                      | -       | -            |
|                           | 2012 | -                        | 25,064  | -            | -                                      | -       | -            |
|                           | 2013 | -                        | 25,149  | -            | -                                      | -       | -            |
|                           | 2014 | -                        | 25,197  | -            | -                                      | -       | -            |
|                           | 2015 | -                        | 24,496  | -            | -                                      | -       | -            |

**Table 11.1. Number of Manufacturing Establishments and Persons Engaged in ASEAN by Establishment Size<sup>1)</sup> , 2009-2018 (Continued)**

| 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              | 2009 | 1,513                    | 2,045   | 818          | 20,136                                 | 92,345    | 286,289      |
|                        | 2010 | 1,633                    | 1,957   | 806          | 22,226                                 | 88,006    | 285,899      |
|                        | 2011 | 1,604                    | 1,894   | 800          | 21,460                                 | 85,207    | 292,725      |
|                        | 2012 | 1,838                    | 1,796   | 809          | 23,800                                 | 83,400    | 297,100      |
|                        | 2013 | 1,843                    | 1,791   | 809          | 24,600                                 | 82,800    | 295,300      |
|                        | 2014 | 1,985                    | 1,728   | 782          | 26,100                                 | 80,600    | 287,500      |
|                        | 2015 | 1,822                    | 1,715   | 749          | 24,400                                 | 81,250    | 277,290      |
|                        | 2016 | 2,028                    | 1,692   | 704          | 26,860                                 | 79,420    | 258,890      |
| Thailand <sup>3)</sup> | 2017 | 1,883                    | 1,724   | 686          | 25,520                                 | 78,470    | 256,230      |
|                        | 2009 | 113,404                  | 62,475  | 12,639       | 7,107,717                              | 6,417,072 | 4,504,373    |
|                        | 2010 | 14,841                   | 18,368  | 5,903        |  | 3,563,762 |              |
|                        | 2011 | 15,609                   | 19,294  | 6,068        |  | 3,638,016 |              |
|                        | 2012 | 16,392                   | 20,291  | 6,277        |  | 3,691,585 |              |
|                        | 2013 | 17,510                   | 21,421  | 6,513        |  | 3,783,647 |              |
|                        | 2014 | 18,531                   | 22,581  | 6,735        |  | 3,791,050 |              |
|                        | 2015 | 19,554                   | 23,710  | 6,955        |  | 3,650,782 |              |
|                        | 2016 | 19,329                   | 25,769  | 7,040        |  | -         |              |
|                        | 2017 | 20,101                   | 24,305  | 6,818        |  | -         |              |
| Viet Nam               | 2018 | 21,103                   | 24,472  | 6,988        |  | -         |              |
|                        | 2009 | 8,734                    | 10,678  | 6,470        | 113,688                                | 464,725   | 3,411,997    |
|                        | 2010 | 8,398                    | 12,142  | 7,097        | 111,315                                | 524,455   | 3,707,754    |
|                        | 2011 | 9,983                    | 13,756  | 7,489        | 132,962                                | 593,303   | 4,037,063    |
|                        | 2012 | 10,058                   | 13,779  | 7,434        | 133,674                                | 583,713   | 4,152,467    |
|                        | 2013 | 10,069                   | 13,946  | 7,623        | 133,563                                | 598,651   | 4,479,688    |
|                        | 2014 | 10,680                   | 14,841  | 7,977        | 141,922                                | 628,628   | 4,924,210    |
|                        | 2015 | 11,342                   | 15,060  | 8,456        | 150,082                                | 652,328   | 5,293,036    |
|                        | 2016 | 12,414                   | 16,395  | 9,094        | 164,505                                | 706,864   | 5,729,042    |
|                        | 2018 | 20,488                   | 18,680  | 9,234        | 261,340                                | 776,658   | 6,012,029    |

Source:  
ASEAN Secretariat

Notes:

- 1) Establishment size is defined based on the numbers of employment/persons engaged, and classified into : (1) 10 and 19;
- (2) 20 and 99; (3) 100 and over
- 2) Philippines data only cover 20 and over size of persons engaged
- 3) Thailand data for number of persons engaged only cover 20 and over size of persons engaged
- "-" not available at the time of publication



**Table 11.2. GDP, Employment, Exports and Imports Shares of Manufacturing Sector in ASEAN, 2016-2018**

| Country                       | Industry share to GDP <sup>1)</sup> |      |      | Employment Share <sup>2)</sup> |      |      | Exports Share    |                    |                    | Imports Share    |                  |                    |
|-------------------------------|-------------------------------------|------|------|--------------------------------|------|------|------------------|--------------------|--------------------|------------------|------------------|--------------------|
|                               | 2016                                | 2017 | 2018 | 2016                           | 2017 | 2018 | 2016             | 2017               | 2018               | 2016             | 2017             | 2018               |
| Brunei Darussalam             | 63.1                                | 63.2 | 62.9 | -                              | -    | 4.0  | 11.8             | 10.1               | 8.7                | 70.4             | 73.7             | 79.5               |
| Cambodia                      | 33.1                                | 33.0 | 32.1 | -                              | -    | -    | 95.2             | 94.7               | 94.4               | 83.1             | 81.4             | 80.2               |
| Indonesia                     | 40.5                                | 40.2 | 39.8 | 13.1                           | 14.1 | 14.7 | 56.9             | 54.0               | 54.4               | 72.7             | 71.3             | 71.5               |
| Lao PDR                       | 32.2                                | 35.2 | 35.7 | -                              | -    | -    | 45.5             | 34.9               | 43.8               | 69.0             | 72.5             | 70.8               |
| Malaysia                      | 38.4                                | 38.0 | 37.5 | 16.9                           | 17.4 | 16.9 | 73.8             | 73.4               | 75.0               | 79.5             | 77.8             | 76.6               |
| Myanmar                       | 30.9                                | 31.7 | 32.1 | -                              | 11.5 | 11.5 | 33.8             | 40.3               | 50.2               | 67.8             | 65.4             | 65.2               |
| Philippines                   | 33.9                                | 34.0 | 34.1 | 11.3                           | 11.8 | 12.4 | 87.6             | 87.2               | 87.6               | 76.3             | 74.6             | 73.5               |
| Singapore                     | 24.2                                | 24.7 | 25.1 | 10.5                           | 10.3 | 10.4 | 81.1             | 78.8               | 77.1               | 76.4             | 72.3             | 71.5               |
| Thailand                      | 36.1                                | 35.3 | 34.7 | 16.2                           | 18.2 | 18.4 | 82.5             | 82.1               | 81.4               | 80.2             | 79.3             | 76.6               |
| Viet Nam                      | 34.6                                | 35.0 | 35.6 | 16.6                           | 17.3 | 16.6 | 83.3             | 84.4               | 85.1               | 85.0             | 85.2             | 83.5               |
| <b>Total in percent</b>       |                                     |      |      |                                |      |      | <b>75.0</b>      | <b>76.0</b>        | <b>75.8</b>        | <b>78.4</b>      | <b>76.7</b>      | <b>75.2</b>        |
| <b>Total in Million US \$</b> |                                     |      |      |                                |      |      | <b>886,176.7</b> | <b>1,006,358.2</b> | <b>1,089,385.8</b> | <b>851,248.3</b> | <b>955,543.6</b> | <b>1,044,933.0</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     | Malaysia      | Myanmar       | Philippines <sup>3)</sup> | Singapore    | Thailand      | Viet Nam       |
|---|-------------------|---------------|---------------|---------------|---------------|---------------------------|--------------|---------------|----------------|
|   | 2015              | 2011          | 2016          | 2015          | 2018          | 2015                      | 2017         | 2018          | 2018           |
| 10 Manufacture of food products <sup>2)</sup>   | 61                | 27,624        | 7,708         | 8,063         | 28,556        | 10,118                    | 942          | 9,423         | 197,066        |
| 11 Manufacture of beverages   | 6                 | 4,433         | 696           | 432           | 1,165         | 2,454                     | -            | 857           | 82,659         |
| 12 Manufacture of tobacco products  |                   | 33            | 777           | 26            | 126           | 14                        | -            | 25            | 28             |
| 13 Manufacture of textiles  | 23                | 8,919         | 2,481         | 1,224         | 2,013         | 369                       | 109          | 2,620         | 38,804         |
| 14 Manufacture of wearing apparel   | 299               | 15,928        | 3,595         | 7,512         | 1,217         | 1,680                     | 400          | 2,194         | 113,435        |
| 15 Manufacture of leather and related products  |                   | 277           | 1,141         | 375           | 239           | 290                       | 22           | 1,013         | 8,917          |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 17                | 1,955         | 1,678         | 1,794         | 2,431         | 509                       | 172          | 6,068         | 136,971        |
| 17 Manufacture of paper and paper products  |                   | 35            | 805           | 936           | 343           | 355                       | 94           | 1,346         | 12,488         |
| 18 Printing and reproduction of recorded media  | 28                | 283           | 1,266         | 3,213         | 555           | 1,562                     | 852          | 2,621         | 11,070         |
| 19 Manufacture of coke and refined petroleum products   | 3                 | 2             | 134           | 124           | 111           | 15                        | 18           | -             | 460            |
| 20 Manufacture of chemicals and chemical products   | 5                 | 144           | 1,500         | 1,473         | 320           | 591                       | 279          | 3,557         | 6,828          |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 2                 | 10            | 402           | 371           | 76            | 285                       | 54           | 424           | 711            |
| 22 Manufacture of rubber and plastics products  | 4                 | 46            | 2,517         | 2,628         | 1,318         | 844                       | 280          | 8,921         | 9,349          |
| 23 Manufacture of other non-metallic mineral products   | 26                | 2,823         | 2,046         | 2,072         | 1,664         | 720                       | 137          | 7,701         | 26,638         |
| 24 Manufacture of basic metals  | 6                 | 37            | 707           | 1,557         | 680           | 357                       | 38           | 1,106         | 3,105          |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 27                | 4,713         | 1,599         | 5,376         | 2,888         | 1,175                     | 1,221        | 12,940        | 124,370        |
| 26 Manufacture of computer, electronics and optical products  |                   | 4             | 406           | 985           | -             | 291                       | 335          | 1,009         | 2,022          |
| 27 Manufacture of electrical equipment  | 4                 | 8             | 536           | 999           | 117           | 207                       | 242          | 2,873         | 1,852          |
| 28 Manufacture of machinery and equipment n.e.c.  |                   | 20            | 637           | 1,940         | 258           | 242                       | 1,733        | 5,329         | 2,364          |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  |                   | 3             | 640           | 742           | 65            | 228                       | 89           | 2,771         | 745            |
| 30 Manufacture of other transport equipment   | 2                 | 81            | 544           | 380           | 275           | 132                       | 931          | 525           | 1,929          |
| 31 Manufacture of furniture   | 12                | 1,195         | 1,797         | 2,521         | 585           | 980                       | 626          | 3,798         | 105,597        |
| 32 Other manufacturing  | 1                 | 1,827         | 1,034         | 1,490         | 585           | 395                       | 522          | 14,026        | 10,944         |
| 33 Repair and installation of machinery and equipment   | 24                | 926           | 517           | 2,868         | 7,130         | 628                       | na           | -             | 14,213         |
| <b>All Industries</b>   | <b>550</b>        | <b>71,326</b> | <b>35,163</b> | <b>49,101</b> | <b>52,717</b> | <b>24,441</b>             | <b>9,096</b> | <b>91,147</b> | <b>912,565</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 11.4. Percentage Distribution of Establishments in ASEAN by Division of Industry<sup>1)</sup>**

(in percent)

| Division of Industry  | Brunei Darussalam | Cambodia     | Indonesia    | Malaysia     | Myanmar      | Philippines <sup>3)</sup> | Singapore    | Thailand     | Viet Nam     |
|---|-------------------|--------------|--------------|--------------|--------------|---------------------------|--------------|--------------|--------------|
|   | 2010              | 2011         | 2018         | 2017         | 2017         | 2017                      | 2018         | 2018         | 2018         |
| 10 Manufacture of food products <sup>2)</sup>   | 11.1              | 38.7         | 21.9         | 16.4         | 54.2         | 41.4                      | 10.4         | 0.0          | 21.6         |
| 11 Manufacture of beverages   | 1.1               | 6.2          | 2.0          | 0.9          | 2.2          | 10.0                      | 0.0          | 0.9          | 9.1          |
| 12 Manufacture of tobacco products  | -                 | 0.0          | 2.2          | 0.1          | 0.2          | 0.1                       | 0.0          | 0.0          | 0.0          |
| 13 Manufacture of textiles  | 4.2               | 12.5         | 7.1          | 2.5          | 3.8          | 1.5                       | 1.2          | 2.9          | 4.3          |
| 14 Manufacture of wearing apparel   | 54.4              | 22.3         | 10.2         | 15.3         | 2.3          | 6.9                       | 4.4          | 2.4          | 12.4         |
| 15 Manufacture of leather and related products  | -                 | 0.4          | 3.2          | 0.8          | 0.5          | 1.2                       | 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 | 3.1               | 2.7          | 4.8          | 3.7          | 4.6          | 2.1                       | 1.9          | 6.7          | 15.0         |
| 17 Manufacture of paper and paper products  | -                 | 0.0          | 2.3          | 1.9          | 0.7          | 1.5                       | 1.0          | 1.5          | 1.4          |
| 18 Printing and reproduction of recorded media  | 5.1               | 0.4          | 3.6          | 6.5          | 1.1          | 6.4                       | 9.4          | 2.9          | 1.2          |
| 19 Manufacture of coke and refined petroleum products   | 0.5               | 0.0          | 0.4          | 0.3          | 0.2          | 0.1                       | 0.2          | 0.0          | 0.1          |
| 20 Manufacture of chemicals and chemical products   | 0.9               | 0.2          | 4.3          | 3.0          | 0.6          | 2.4                       | 3.1          | 3.9          | 0.7          |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 0.4               | 0.0          | 1.1          | 0.8          | 0.1          | 1.2                       | 0.6          | 0.5          | 0.1          |
| 22 Manufacture of rubber and plastics products  | 0.7               | 0.1          | 7.2          | 5.4          | 2.5          | 3.5                       | 3.1          | 9.8          | 1.0          |
| 23 Manufacture of other non-metallic mineral products   | 4.7               | 4.0          | 5.8          | 4.2          | 3.2          | 2.9                       | 1.5          | 8.4          | 2.9          |
| 24 Manufacture of basic metals  | 1.1               | 0.1          | 2.0          | 3.2          | 1.3          | 1.5                       | 0.4          | 1.2          | 0.3          |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 4.9               | 6.6          | 4.5          | 10.9         | 5.5          | 4.8                       | 13.4         | 14.2         | 13.6         |
| 26 Manufacture of computer, electronics and optical products  | -                 | 0.0          | 1.2          | 2.0          | 0.0          | 1.2                       | 3.7          | 1.1          | 0.2          |
| 27 Manufacture of electrical equipment  | 0.7               | 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          | 1.8          | 4.0          | 0.5          | 1.0                       | 19.1         | 5.8          | 0.3          |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | -                 | 0.0          | 1.8          | 1.5          | 0.1          | 0.9                       | 1.0          | 3.0          | 0.1          |
| 30 Manufacture of other transport equipment   | 0.4               | 0.1          | 1.5          | 0.8          | 0.5          | 0.5                       | 10.2         | 0.6          | 0.2          |
| 31 Manufacture of furniture   | 2.2               | 1.7          | 5.1          | 5.1          | 1.1          | 4.0                       | 6.9          | 4.2          | 11.6         |
| 32 Other manufacturing  | 0.2               | 2.6          | 2.9          | 3.0          | 1.1          | 1.6                       | 5.7          | 15.4         | 1.2          |
| 33 Repair and installation of machinery and equipment   | 4.4               | 1.3          | 1.5          | 5.8          | 13.5         | 2.6                       | 0.0          | 0.0          | 1.6          |
| <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

**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    | Malaysia     | Myanmar   | Philippines <sup>3)</sup> | Singapore  | Thailand     | Viet Nam     |
|---|-------------------|------------|--------------|--------------|-----------|---------------------------|------------|--------------|--------------|
|   | 2015              | 2011       | 2018         | 2017         | 2018      | 2015                      | 2018       | 2015         | 2018         |
| 10 Manufacture of food products <sup>2)</sup>   | 1.1               | 68.3       | 1,119.6      | 273.9        | 3.1       | 281.8                     | 31.2       | 456.2        | 920.6        |
| 11 Manufacture of beverages   | 0.4               | 12.9       | 97.4         | 16.8         | 0.5       | 28.4                      | 0.0        | 32.4         | 164.0        |
| 12 Manufacture of tobacco products  | 0.0               | 2.3        | 299.5        | 1.1          | 0.0       | 10.3                      | 0.0        | 0.0          | 11.2         |
| 13 Manufacture of textiles  | 0.3               | 39.0       | 540.7        | 32.4         | 8.8       | 28.6                      | 0.8        | 247.0        | 350.9        |
| 14 Manufacture of wearing apparel   | 2.3               | 294.4      | 917.5        | 63.5         | 1.8       | 110.5                     | 2.2        | 294.6        | 1,668.4      |
| 15 Manufacture of leather and related products  | 0.0               | 40.9       | 399.8        | 11.7         | 0.0       | 29.7                      | 0.5        | 98.2         | 1,285.0      |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 0.4               | 7.4        | 306.6        | 97.9         | 4.2       | 21.9                      | 3.0        | 142.3        | 391.0        |
| 17 Manufacture of paper and paper products  | 0.0               | 1.3        | 161.9        | 51.7         | 3.2       | 24.5                      | 3.2        | 0.0          | 141.1        |
| 18 Printing and reproduction of recorded media  | 0.4               | 3.8        | 88.2         | 55.8         | 1.3       | 28.8                      | 13.2       | 0.0          | 88.4         |
| 19 Manufacture of coke and refined petroleum products   | 0.9               | 0.1        | 19.9         | 13.8         | 0.0       | 3.1                       | 4.5        | 13.3         | 8.0          |
| 20 Manufacture of chemicals and chemical products   | 0.3               | 9.2        | 234.4        | 96.2         | 0.6       | 33.1                      | 18.5       | 117.0        | 142.7        |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 0.1               | 0.3        | 90.6         | 22.7         | 2.5       | 14.6                      | 7.7        | 0.0          | 54.8         |
| 22 Manufacture of rubber and plastics products  | 0.1               | 1.2        | 459.0        | 259.0        | 1.4       | 65.0                      | 10.1       | 406.0        | 336.2        |
| 23 Manufacture of other non-metallic mineral products   | 0.8               | 18.3       | 207.2        | 95.4         | 3.3       | 35.4                      | 4.7        | 165.6        | 382.2        |
| 24 Manufacture of basic metals  | 0.3               | 0.5        | 144.7        | 92.6         | 8.3       | 20.8                      | 2.1        | 58.3         | 108.2        |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 0.5               | 15.4       | 169.1        | 164.7        | 0.2       | 58.7                      | 37.2       | 301.9        | 570.9        |
| 26 Manufacture of computer, electronics and optical products  | 0.0               | 0.0        | 151.1        | 354.5        | 0.0       | 259.1                     | 82.2       | 0.0          | 736.8        |
| 27 Manufacture of electrical equipment  | 0.1               | 0.2        | 147.4        | 98.0         | 0.4       | 35.8                      | 8.3        | 361.9        | 188.2        |
| 28 Manufacture of machinery and equipment n.e.c.  | 0.0               | 0.1        | 77.2         | 103.2        | 0.8       | 20.0                      | 58.7       | 188.8        | 82.4         |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | 0.0               | 0.0        | 203.5        | 81.4         | 0.0       | 82.6                      | 3.1        | 0.0          | 136.0        |
| 30 Manufacture of other transport equipment   | 0.1               | 1.8        | 138.1        | 34.6         | 2.3       | 32.2                      | 63.1       | 302.0        | 120.4        |
| 31 Manufacture of furniture   | 0.2               | 3.7        | 182.6        | 95.7         | 0.6       | 26.8                      | 8.5        | 108.5        | 579.9        |
| 32 Other manufacturing  | 0.0               | 6.8        | 192.0        | 42.1         | 1.2       | 26.8                      | 18.6       | 356.8        | 217.9        |
| 33 Repair and installation of machinery and equipment   | 0.3               | 2.4        | 42.8         | 55.9         | 0.0       | 11.8                      | -          | 0.0          | 71.9         |
| <b>All Industries</b>   | <b>8.4</b>        | <b>530</b> | <b>6,391</b> | <b>2,215</b> | <b>45</b> | <b>1,290</b>              | <b>381</b> | <b>3,651</b> | <b>8,757</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

**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    | Malaysia    | Myanmar    | Philippines <sup>3)</sup> | Singapore   | Thailand    | Viet Nam   |
|---|-------------------|------------|--------------|-------------|------------|---------------------------|-------------|-------------|------------|
|   | 2015              | 2011       | 2018         | 2017        | 2018       | 2015                      | 2018        | 2015        | 2018       |
| 10 Manufacture of food products <sup>2)</sup>   | 17.2              | 2.5        | 145.2        | 34.0        | 0.1        | 27.9                      | 33.1        | 48.4        | 4.7        |
| 11 Manufacture of beverages   | 58.3              | 2.9        | 140.0        | 38.9        | 0.4        | 11.6                      | -           | 37.8        | 2.0        |
| 12 Manufacture of tobacco products  | -                 | 70.7       | 385.4        | 42.3        | 0.1        | 735.7                     | -           | -           | 401.4      |
| 13 Manufacture of textiles  | 11.7              | 4.4        | 217.9        | 26.5        | 4.4        | 77.5                      | 7.6         | 94.3        | 9.0        |
| 14 Manufacture of wearing apparel   | 7.7               | 18.5       | 255.2        | 8.5         | 1.5        | 65.8                      | 5.5         | 134.3       | 14.7       |
| 15 Manufacture of leather and related products  | -                 | 147.5      | 350.4        | 31.2        | 0.0        | 102.4                     | 21.8        | 96.9        | 144.1      |
| 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 24.1              | 3.8        | 182.7        | 54.6        | 1.7        | 43.0                      | 17.2        | 23.5        | 2.9        |
| 17 Manufacture of paper and paper products  | -                 | 36.1       | 201.1        | 55.2        | 9.3        | 69.0                      | 34.1        | -           | 11.3       |
| 18 Printing and reproduction of recorded media  | 15.0              | 13.4       | 69.7         | 17.4        | 2.4        | 18.4                      | 15.5        | -           | 8.0        |
| 19 Manufacture of coke and refined petroleum products   | 293.3             | 28.5       | 148.9        | 111.3       | 0.1        | 206.7                     | 247.2       | -           | 17.3       |
| 20 Manufacture of chemicals and chemical products   | 56.0              | 63.6       | 156.2        | 65.3        | 2.0        | 56.0                      | 66.5        | 32.9        | 20.9       |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations   | 65.0              | 30.9       | 225.3        | 61.2        | 32.4       | 51.2                      | 143.0       | -           | 77.0       |
| 22 Manufacture of rubber and plastics products  | 12.5              | 26.9       | 182.4        | 98.6        | 1.1        | 77.0                      | 36.2        | 45.5        | 36.0       |
| 23 Manufacture of other non-metallic mineral products   | 32.3              | 6.5        | 101.3        | 46.0        | 2.0        | 49.2                      | 34.1        | 21.5        | 14.3       |
| 24 Manufacture of basic metals  | 50.0              | 13.6       | 204.6        | 59.5        | 12.2       | 58.2                      | 54.5        | 52.7        | 34.9       |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | 17.4              | 3.3        | 105.8        | 30.6        | 0.1        | 50.0                      | 30.5        | 23.3        | 4.6        |
| 26 Manufacture of computer, electronics and optical products  | -                 | 3.8        | 372.2        | 359.9       | -          | 890.2                     | 245.2       | -           | 364.4      |
| 27 Manufacture of electrical equipment  | 35.0              | 29.5       | 275.1        | 98.1        | 3.3        | 172.9                     | 34.4        | 126.0       | 101.6      |
| 28 Manufacture of machinery and equipment n.e.c.  | -                 | 6.0        | 121.3        | 53.2        | 3.2        | 82.6                      | 33.9        | 35.4        | 34.8       |
| 29 Manufacture of motor vehicles, trailers and semi-trailers  | -                 | 5.0        | 318.0        | 109.7       | 0.1        | 362.3                     | 34.5        | -           | 182.6      |
| 30 Manufacture of other transport equipment   | 30.0              | 21.7       | 253.8        | 91.1        | 8.4        | 243.9                     | 67.7        | 575.3       | 62.4       |
| 31 Manufacture of furniture   | 12.5              | 3.1        | 101.6        | 38.0        | 1.1        | 27.3                      | 13.5        | 28.6        | 5.5        |
| 32 Other manufacturing  | 9.0               | 3.7        | 185.7        | 28.3        | 2.1        | 67.8                      | 35.6        | 25.4        | 19.9       |
| 33 Repair and installation of machinery and equipment   | 11.3              | 2.6        | 82.8         | 19.5        | 0.0        | 18.8                      | -           | -           | 5.1        |
| <b>All Industries</b>   | <b>15.3</b>       | <b>7.4</b> | <b>181.8</b> | <b>45.1</b> | <b>0.8</b> | <b>52.8</b>               | <b>41.9</b> | <b>40.1</b> | <b>9.6</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

"-" not available at the time of publication

**Table 11.7. Index of Industrial Production for All Manufacturing Industries in ASEAN, 2009-2018**

(annual change in percent)

| Indicator/Year       | Indonesia  | Malaysia   | Philippines | Singapore  | Thailand   | Viet Nam   |
|----------------------|------------|------------|-------------|------------|------------|------------|
|                      | (2010=100) | (2010=100) | (2006=100)  | (2015=100) | (2000=100) | (2012=100) |
| <b>Index</b>         |            |            |             |            |            |            |
| 2009                 | -          | 93.3       | 129.2       | 72.0       | 170.0      | -          |
| 2010                 | 100.0      | 100.0      | 151.0       | 93.4       | 194.2      | -          |
| 2011                 | 104.1      | 105.7      | 154.2       | 100.6      | 100.0      | -          |
| 2012                 | 108.4      | 111.3      | 165.1       | 101.0      | 108.9      | 100.0      |
| 2013                 | 114.9      | 116.0      | 174.0       | 102.7      | 110.8      | 105.8      |
| 2014                 | 120.4      | 123.0      | 184.8       | 105.4      | 105.5      | 105.9      |
| 2015                 | 126.1      | 128.9      | 176.9       | 100.0      | 105.3      | 107.6      |
| 2016                 | 131.1      | 134.4      | -           | 103.7      | 106.1      | 109.8      |
| 2017                 | 137.4      | 142.6      | -           | 114.5      | 111.9      | 107.4      |
| 2018                 | 143.0      | -          | -           | 122.5      | 105.5      | 109.5      |
| <b>Annual Change</b> |            |            |             |            |            |            |
| 2009                 | -          | -7.5       | -13.1       | -4.2       | -6.9       | -          |
| 2010                 | -          | 7.2        | 16.9        | 29.7       | 14.2       | -          |
| 2011                 | 4.1        | 5.7        | 2.1         | 7.8        | -48.5      | -          |
| 2012                 | 4.1        | 5.3        | 7.1         | 0.3        | 8.9        | -          |
| 2013                 | 6.0        | 4.2        | 5.4         | 1.7        | 1.8        | 5.8        |
| 2014                 | 4.8        | 6.0        | 6.2         | 2.7        | -4.8       | 0.1        |
| 2015                 | 4.8        | 4.8        | -           | -5.1       | -0.2       | 1.6        |
| 2016                 | 4.0        | 4.3        | -           | 3.7        | 0.8        | 2.0        |
| 2017                 | 4.7        | 6.1        | -           | 10.4       | 5.5        | -2.2       |
| 2018                 | -          | 4.0        | 4.3         | -          | 3.7        | 0.8        |

Source:  
ASEAN Secretariat

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

**Table 11.8. Index of Selected Industrial Production: Indonesia, 2010-2018**

(2010=100; annual change in percent)

| Division of Industry                  |   | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|---------------------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <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        | 194.3        |
| 11                                    | Manufacture of beverages  | 100.0        | 109.6        | 109.2        | 109.9        | 113.2        | 112.5        | 112.2        | 109.0        | 126.6        |
| 12                                    | Manufacture of tobacco products   | 100.0        | 99.4         | 104.5        | 103.9        | 112.1        | 117.6        | 114.2        | 115.7        | 133.0        |
| 13                                    | Manufacture of textiles   | 100.0        | 92.3         | 84.6         | 77.3         | 73.1         | 71.6         | 68.7         | 69.0         | 72.4         |
| 14                                    | Manufacture of wearing apparels   | 100.0        | 113.2        | 118.9        | 128.9        | 133.5        | 119.0        | 110.6        | 116.1        | 140.9        |
| 15                                    | Manufacture of leather and related products   | 100.0        | 128.5        | 119.5        | 124.5        | 132.3        | 137.0        | 148.2        | 156.1        | 185.9        |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 100.0        | 67.7         | 64.8         | 70.6         | 77.0         | 77.7         | 78.7         | 78.6         | 78.1         |
| 17                                    | Manufacture of paper and paper products   | 100.0        | 102.0        | 97.6         | 95.5         | 98.3         | 94.8         | 92.1         | 90.1         | 90.1         |
| 18                                    | Printing and reproduction of recorded media   | 100.0        | 117.0        | 116.4        | 127.4        | 126.4        | 132.2        | 131.0        | 135.3        | 145.9        |
| 19                                    | Manufacture of coke and refined petroleum products  | n.a.         | 73.9         | 46.3         | 36.1         | n.a.         | 42.9         | 42.6         | 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        | 135.9        | 131.9        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 100.0        | 122.6        | 140.9        | 135.2        | 148.6        | 167.5        | 181.6        | 196.0        | 206.0        |
| 22                                    | Manufacture of rubber and plastic products  | 100.0        | 101.5        | 113.6        | 109.7        | 110.5        | 115.6        | 105.7        | 111.4        | 124.2        |
| 23                                    | Manufacture of other non-metallic mineral products  | 100.0        | 113.7        | 125.5        | 129.4        | 134.1        | 143.5        | 151.8        | 151.7        | 155.1        |
| 24                                    | Manufacture of basic metals   | 100.0        | 109.1        | 98.5         | 108.9        | 115.7        | 122.8        | 123.0        | 130.5        | 143.0        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 100.0        | 118.7        | 121.8        | 135.7        | 140.1        | 153.2        | 153.4        | 163.2        | 175.0        |
| 26                                    | Manufacture of computers, electronic and optical products   | 100.0        | 96.7         | 106.8        | 116.8        | 112.2        | 115.6        | 117.5        | 115.3        | 97.9         |
| 27                                    | Manufacture of electrical equipment   | 100.0        | 117.5        | 132.0        | 142.3        | 156.3        | 155.5        | 144.1        | 143.4        | 148.1        |
| 28                                    | Manufacture of machinery and equipment n.e.c  | 100.0        | 132.9        | 122.0        | 116.4        | 125.7        | 128.6        | 133.2        | 138.1        | 153.3        |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 100.0        | 121.4        | 124.8        | 139.1        | 145.0        | 152.6        | 152.8        | 153.3        | 159.4        |
| 30                                    | Manufacture of other transport equipment  | 100.0        | 78.4         | 81.3         | 79.3         | 76.0         | 71.0         | 71.7         | 75.2         | 79.9         |
| 31                                    | Manufacture of furniture  | 100.0        | 110.0        | 103.3        | 106.8        | 108.8        | 113.5        | 113.8        | 117.1        | 118.9        |
| 32                                    | Other manufacturing   | 100.0        | 83.2         | 80.2         | 78.2         | 82.4         | 87.0         | 81.1         | 77.5         | 78.9         |
| 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         |
| <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> |

**Table 11.8. Index of Selected Industrial Production: Indonesia, 2010-2018 (Continued)**

(2010=100; annual change in percent)

| Division of Industry  | 2010 | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Change in Index</b>  |      |            |            |            |            |            |            |            |            |
| 10 Manufacture of food products   | -    | 6.8        | 12.6       | 10.8       | 10.5       | 6.9        | 6.2        | 9.9        | 5.8        |
| 11 Manufacture of beverages   | -    | 9.6        | -0.3       | 0.7        | 2.9        | -0.6       | -0.3       | -2.8       | 16.1       |
| 12 Manufacture of tobacco products  | -    | -0.6       | 5.2        | -0.7       | 8.0        | 4.8        | -2.8       | 1.2        | 15.0       |
| 13 Manufacture of textiles  | -    | -7.7       | -8.3       | -8.7       | -5.5       | -2.0       | -4.1       | 0.5        | 4.9        |
| 14 Manufacture of wearing apparels  | -    | 13.2       | 5.1        | 8.4        | 3.6        | -10.9      | -7.0       | 5.0        | 21.3       |
| 15 Manufacture of leather and related products  | -    | 28.5       | -7.0       | 4.2        | 6.2        | 3.6        | 8.2        | 5.3        | 19.1       |
| 16 Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | -    | -32.3      | -4.4       | 9.1        | 9.1        | 0.9        | 1.2        | -0.1       | -0.6       |
| 17 Manufacture of paper and paper products  | -    | 13.2       | 5.1        | 8.4        | 2.9        | -3.6       | -2.8       | -2.2       | 0.0        |
| 18 Printing and reproduction of recorded media  | -    | 28.5       | -7.0       | 4.2        | -0.8       | 4.6        | -0.9       | 3.3        | 7.8        |
| 19 Manufacture of coke and refined petroleum products   | n.a. | n.a.       | -4.4       | 9.1        | n.a.       | n.a.       | -0.5       | n.a.       | n.a.       |
| 20 Manufacture of chemicals and chemical products   | -    | 2.0        | -4.4       | -2.1       | 6.0        | 0.9        | -0.2       | 4.0        | -3.0       |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products   | -    | 17.0       | -0.5       | 9.4        | 9.9        | 12.7       | 8.4        | 7.9        | 5.1        |
| 22 Manufacture of rubber and plastic products   | -    | 1.5        | 12.0       | -3.4       | 0.7        | 4.6        | -8.5       | 5.4        | 11.5       |
| 23 Manufacture of other non-metallurgical mineral products  | -    | 13.7       | 10.4       | 3.1        | 3.6        | 7.0        | 5.8        | -0.1       | 2.3        |
| 24 Manufacture of basic metals  | -    | 9.1        | -9.7       | 10.6       | 6.2        | 6.1        | 0.1        | 6.1        | 9.6        |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | -    | 18.7       | 2.6        | 11.4       | 3.2        | 9.4        | 0.1        | 6.4        | 7.2        |
| 26 Manufacture of computers, electronic and optical products  | -    | -3.3       | 10.5       | 9.3        | -3.9       | 3.0        | 1.6        | -1.9       | -15.0      |
| 27 Manufacture of electrical equipment  | -    | 17.5       | 12.3       | 7.8        | 9.8        | -0.5       | -7.4       | -0.5       | 3.3        |
| 28 Manufacture of machinery and equipment n.e.c   | -    | 32.9       | -8.2       | -4.6       | 8.0        | 2.3        | 3.5        | 3.7        | 11.0       |
| 29 Manufacture of motor vehicle, trailers and semi-trailers   | -    | 21.4       | 2.8        | 11.5       | 4.2        | 5.2        | 0.1        | 0.3        | 4.0        |
| 30 Manufacture of other transport equipment   | -    | -21.6      | 3.7        | -2.5       | -4.1       | -6.5       | 0.9        | 4.9        | 6.3        |
| 31 Manufacture of furniture   | -    | 10.0       | -6.1       | 3.5        | 1.8        | 4.3        | 0.3        | 3.0        | 1.5        |
| 32 Other manufacturing  | -    | -16.8      | -3.6       | -2.4       | 5.4        | 5.5        | -6.7       | -4.5       | 1.8        |
| 33 Repair and installation of machinery and equipment   | -    | -8.9       | 7.2        | -4.6       | -5.8       | 4.5        | -3.6       | -2.3       | -6.9       |
| <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> |

Source:  
ASEAN Secretariat

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



**Table 11.9. Index of Selected Industrial Production: Malaysia, 2010-2017**

(2010=100; annual change in percent)

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

**Table 11.9. Index of Selected Industrial Production: Malaysia, 2010-2017 (Continued)**

(2010=100; annual change in percent)

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

Source:  
ASEAN Secretariat

Notes:  
\*.\* not available at the time of publication  
n.a. not applicable

**Table 11.10. Index of Selected Industrial Production: Philippines, 2009-2017**

(2006=100; annual change in percent)

| Division of Industry   | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016     | 2017     |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|
| <b>Index of Industrial Production</b>  |              |              |              |              |              |              |              |          |          |
| 10 Manufacture of food products  | 222.0        | 239.2        | 218.2        | 265.5        | 247.7        | 260.5        | 224.6        | 275.4    | 293.4    |
| 11 Manufacture of beverages  | 123.3        | 141.7        | 168.9        | 173.9        | 173.5        | 227.3        | 234.8        | 262.8    | 265.8    |
| 12 Manufacture of tobacco products   | 27.4         | 14.8         | 12.3         | 9.6          | 9.6          | 10.3         | 13.6         | 14.9     | 13.3     |
| 13 Manufacture of textiles   | 75.1         | 81.7         | 81.2         | 81.0         | 57.6         | 66.2         | 73.3         | 66.1     | 46.4     |
| 14 Manufacture of wearing apparels   | 83.8         | 71.2         | 72.7         | 137.7        | 121.1        | 100.9        | 93.8         | 86.9     | 68.7     |
| 15 Manufacture of leather and related products   | 3.6          | 4.3          | 4.0          | 4.8          | 5.4          | 6.2          | 6.6          | 1.2      | 1.2      |
| 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 69.5         | 76.4         | 61.2         | 67.3         | 70.8         | 77.8         | 55.2         | 56.9     | 62.3     |
| 17 Manufacture of paper and paper products   | 85.2         | 93.7         | 103.9        | 95.4         | 80.3         | 82.9         | 92.1         | 94.2     | 97.8     |
| 18 Printing and reproduction of recorded media   | 131.0        | 137.5        | 136.3        | 146.9        | 151.6        | 443.3        | 446.7        | 451.7    | 546.4    |
| 19 Manufacture of coke and refined petroleum products  | 101.7        | 158.6        | 199.6        | 191.4        | 169.5        | 172.8        | 128.1        | 118.3    | 140.9    |
| 20 Manufacture of chemicals and chemical products  | 160.3        | 160.2        | 193.4        | 194.0        | 409.0        | 417.2        | 464.0        | 462.1    | 230.0    |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 179.4        | 167.8        | 186.9        | 193.9        | 971.5        | 1,039.4      | 1,208.0      | 1,435.9  | n.a.     |
| 22 Manufacture of rubber and plastic products  | 114.5        | 136.8        | 160.3        | 167.3        | 162.6        | 163.0        | 160.7        | 192.3    | 163.6    |
| 23 Manufacture of other non-metallurgical mineral products   | 89.3         | 117.0        | 141.4        | 159.2        | 121.0        | 59.6         | 55.4         | 61.1     | n.a.     |
| 24 Manufacture of basic metals   | 200.5        | 249.7        | 249.8        | 210.4        | 253.6        | 240.5        | 232.3        | 262.1    | 384.9    |
| 25 Manufacture of fabricated metal products, except machinery and equipment  | 287.1        | 333.6        | 352.5        | 331.6        | 305.9        | 390.3        | 389.3        | 326.0    | 393.6    |
| 26 Manufacture of computers, electronic and optical products   | 101.6        | 126.4        | 117.1        | 123.0        | 122.7        | 128.1        | 123.1        | -        | -        |
| 27 Manufacture of electrical equipment   | 35.8         | 43.4         | 29.9         | 32.3         | 39.9         | 47.6         | 49.2         | -        | -        |
| 28 Manufacture of machinery and equipment n.e.c.   | -            | -            | -            | -            | -            | -            | -            | 182.5    | 182.0    |
| 29 Manufacture of motor vehicle, trailers and semi-trailers  | 112.5        | 150.1        | 141.2        | 182.8        | 139.9        | 142.6        | 148.2        | -        | -        |
| 30 Manufacture of other transport equipment  | 112.5        | 150.1        | 141.2        | 182.8        | 140.1        | 142.6        | 148.3        | 181.2    | 207.5    |
| 31 Manufacture of furniture  | 87.4         | 71.2         | 88.8         | 109.4        | 126.5        | 123.8        | 89.0         | 64.6     | 71.9     |
| 32 Other manufacturing   | 100.7        | 141.4        | 161.1        | 130.1        | 82.0         | 75.7         | 81.7         | -        | -        |
| 33 Repair and installation of machinery and equipment  | -            | -            | -            | -            | -            | -            | -            | -        | -        |
| <b>All Manufacturing</b>   | <b>129.2</b> | <b>151.0</b> | <b>154.2</b> | <b>165.1</b> | <b>174.0</b> | <b>184.8</b> | <b>176.9</b> | <b>-</b> | <b>-</b> |

**Table 11.10. Index of Selected Industrial Production: Philippines, 2009-2017 (Continued)**

(2006=100; annual change in percent)

| Division of Industry  | 2009         | 2010        | 2011       | 2012       | 2013       | 2014       | 2015        | 2016     | 2017     |
|---|--------------|-------------|------------|------------|------------|------------|-------------|----------|----------|
| <b>Change in Index</b>  |              |             |            |            |            |            |             |          |          |
| 10 Manufacture of food products   | -6.4         | 7.7         | -8.8       | 21.7       | -6.7       | 5.2        | -13.8       | 22.6     | 6.5      |
| 11 Manufacture of beverages   | -28.7        | 14.9        | 19.2       | 3.0        | -0.2       | 31.0       | 3.3         | 11.9     | 1.1      |
| 12 Manufacture of tobacco products  | 2.2          | -46.0       | -16.9      | -22.0      | 0.0        | 7.3        | 32.0        | 9.6      | -10.5    |
| 13 Manufacture of textiles  | -2.3         | 8.8         | -0.6       | -0.2       | -28.9      | 14.9       | 10.7        | -9.8     | -29.7    |
| 14 Manufacture of wearing apparels  | -26.1        | -15.0       | 2.1        | 89.4       | -12.1      | -16.7      | -7.0        | -7.4     | -21.0    |
| 15 Manufacture of leather and related products  | -41.0        | 19.4        | -7.0       | 20.0       | 12.5       | 14.8       | 6.5         | -81.8    | 0.0      |
| 16 Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | 0.4          | 9.9         | -19.9      | 10.0       | 5.2        | 9.9        | -29.0       | 3.1      | 9.4      |
| 17 Manufacture of paper and paper products  | -20.1        | 10.0        | 10.9       | -8.2       | -15.8      | 3.2        | 11.1        | 2.3      | 3.8      |
| 18 Printing and reproduction of recorded media  | 0.6          | 5.0         | -0.9       | 7.8        | 3.2        | 192.4      | 0.8         | 1.1      | 21.0     |
| 19 Manufacture of coke and refined petroleum products   | -40.0        | 55.9        | 25.9       | -4.1       | -11.4      | 1.9        | -25.9       | -7.7     | 19.1     |
| 20 Manufacture of chemicals and chemical products   | -0.4         | -0.1        | 20.7       | 0.3        | 110.8      | 2.0        | 11.2        | -0.4     | -50.2    |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products   | 13.2         | -6.5        | 11.4       | 3.7        | 401.0      | 7.0        | 16.2        | 18.9     | -        |
| 22 Manufacture of rubber and plastic products   | -3.3         | 19.5        | 17.2       | 4.4        | -2.8       | 0.2        | -1.4        | 19.7     | -14.9    |
| 23 Manufacture of other non-metallurgical mineral products  | 14.2         | 31.0        | 20.9       | 12.6       | -24.0      | -50.7      | -7.0        | 10.3     | -        |
| 24 Manufacture of basic metals  | -19.3        | 24.5        | 0.0        | -15.8      | 20.5       | -5.2       | -3.4        | 12.8     | 46.9     |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | -5.8         | 16.2        | 5.7        | -5.9       | -7.8       | 27.6       | -0.3        | -16.3    | 20.7     |
| 26 Manufacture of computers, electronic and optical products  | -            | 24.4        | -7.4       | 5.0        | -0.2       | 4.4        | -3.9        | -        | -        |
| 27 Manufacture of electrical equipment  | -69.1        | 21.2        | -31.1      | 8.0        | 23.5       | 19.3       | 3.4         | -        | -        |
| 28 Manufacture of machinery and equipment n.e.c   | -            | -           | -          | -          | -          | -          | -           | -        | -0.3     |
| 29 Manufacture of motor vehicle, trailers and semi-trailers   | -4.6         | 33.4        | -5.9       | 29.5       | -23.5      | 1.9        | 3.9         | -        | -        |
| 30 Manufacture of other transport equipment   | n.a.         | 33.4        | -5.9       | 29.5       | -23.4      | 1.8        | 4.0         | 22.2     | 14.5     |
| 31 Manufacture of furniture   | -34.3        | -18.5       | 24.7       | 23.2       | 15.6       | -2.1       | -28.1       | -27.4    | 11.3     |
| 32 Other manufacturing  | -0.2         | 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>-13.1</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> |

Source:  
ASEAN Secretariat

Notes:  
Covers establishments with total employment of 20 and over  
\*.\* not available at the time of publication

**Table 11.11. Index of Selected Industrial Production: Singapore, 2009-2018**

(2015=100; annual change in percent)

| Division of Industry                  |   | 2009        | 2010        | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|---------------------------------------|---|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Index of Industrial Production</b> |   |             |             |              |              |              |              |              |              |              |              |
| 10                                    | Manufacture of food products  | 85.6        | 91.3        | 94.7         | 97.9         | 97.9         | 99.4         | 100.0        | 103.7        | 110.4        | 113.8        |
| 11                                    | Manufacture of beverages  | n.a         | n.a         | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 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   | 200.1       | 167.4       | 137.1        | 140.1        | 119.5        | 102.7        | 100.0        | 92.4         | 84.9         | 78.2         |
| 14                                    | Manufacture of wearing apparels   | 905.7       | 529.2       | 429.3        | 395.4        | 334.1        | 212.6        | 100.0        | 83.4         | 88.2         | 82.7         |
| 15                                    | Manufacture of leather and related products   | 88.3        | 90.9        | 111.1        | 109.5        | 122.0        | 106.5        | 100.0        | 88.8         | 79.0         | 73.7         |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 97.3        | 99.7        | 95.9         | 93.3         | 103.0        | 107.2        | 100.0        | 95.0         | 92.9         | 86.0         |
| 17                                    | Manufacture of paper and paper products   | 96.5        | 107.3       | 101.1        | 98.5         | 104.4        | 104.5        | 100.0        | 97.3         | 96.2         | 103.0        |
| 18                                    | Printing and reproduction of recorded media   | 133.2       | 136.7       | 132.1        | 122.8        | 113.8        | 106.0        | 100.0        | 85.1         | 73.1         | 66.7         |
| 19                                    | Manufacture of coke and refined petroleum products  | 103.8       | 103.0       | 107.7        | 107.1        | 100.7        | 92.2         | 100.0        | 104.2        | 113.5        | 113.0        |
| 20                                    | Manufacture of chemicals and chemical products  | 68.1        | 82.8        | 84.9         | 85.3         | 88.4         | 96.7         | 100.0        | 98.9         | 105.3        | 110.6        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products  | 46.5        | 71.2        | 94.6         | 103.8        | 101.4        | 109.4        | 100.0        | 113.8        | 97.5         | 105.1        |
| 22                                    | Manufacture of rubber and plastic products  | 119.1       | 132.1       | 117.7        | 113.5        | 109.5        | 109.2        | 100.0        | 91.4         | 93.7         | 92.2         |
| 23                                    | Manufacture of other non-metallic mineral products  | 101.4       | 102.1       | 110.4        | 108.8        | 107.4        | 90.8         | 100.0        | 89.8         | 72.8         | 64.1         |
| 24                                    | Manufacture of basic metals   | 93.5        | 103.2       | 101.0        | 91.5         | 77.2         | 99.3         | 100.0        | 106.2        | 108.3        | 94.8         |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment  | 92.8        | 105.8       | 102.1        | 107.3        | 107.5        | 107.8        | 100.0        | 93.8         | 91.3         | 91.5         |
| 26                                    | Manufacture of computers, electronic and optical products   | 94.7        | 126.3       | 111.2        | 100.7        | 105.0        | 105.6        | 100.0        | 114.1        | 151.7        | 164.1        |
| 27                                    | Manufacture of electrical equipment   | 70.0        | 100.1       | 80.6         | 80.1         | 87.4         | 97.9         | 100.0        | 101.5        | 111.7        | 125.3        |
| 28                                    | Manufacture of machinery and equipment n.e.c  | 54.6        | 74.8        | 95.3         | 107.3        | 109.1        | 118.2        | 100.0        | 80.8         | 86.1         | 98.3         |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers  | 43.8        | 60.6        | 70.5         | 69.2         | 85.0         | 91.1         | 100.0        | 105.3        | 125.3        | 121.0        |
| 30                                    | Manufacture of other transport equipment  | 99.2        | 97.1        | 103.4        | 109.9        | 111.1        | 106.7        | 100.0        | 101.0        | 99.3         | 102.3        |
| 31                                    | Manufacture of furniture  | 127.4       | 140.3       | 123.5        | 131.0        | 127.9        | 113.5        | 100.0        | 94.9         | 68.0         | 63.9         |
| 32                                    | Other manufacturing   | 56.7        | 62.7        | 68.2         | 73.0         | 79.5         | 84.8         | 100.0        | 110.4        | 121.3        | 133.7        |
| 33                                    | Repair and installation of machinery and equipment  |             |             |              |              |              |              |              |              |              |              |
| <b>All Manufacturing</b>              |   | <b>72.0</b> | <b>93.4</b> | <b>100.6</b> | <b>101.0</b> | <b>102.7</b> | <b>105.4</b> | <b>100.0</b> | <b>103.7</b> | <b>114.5</b> | <b>122.5</b> |

**Table 11.11. Index of Selected Industrial Production: Singapore, 2009-2018 (Continued)**

(2015=100; annual change in percent)

| Division of Industry  | 2009        | 2010        | 2011       | 2012       | 2013       | 2014       | 2015        | 2016       | 2017        | 2018       |
|---|-------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|------------|
| <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  | -19.0       | -16.3       | -18.1      | 2.2        | -14.7      | -14.1      | -2.6        | -7.6       | -8.1        | -7.9       |
| 14 Manufacture of wearing apparels  | -36.9       | -41.6       | -18.9      | -7.9       | -15.5      | -36.4      | -53.0       | -16.6      | 5.8         | -6.2       |
| 15 Manufacture of leather and related products  | -38.0       | 2.9         | 22.2       | -1.4       | 11.4       | -12.7      | -6.1        | -11.2      | -11.0       | -6.7       |
| 16 Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | -23.1       | 2.5         | -3.8       | -2.7       | 10.4       | 4.1        | -6.7        | -5.0       | -2.2        | -7.4       |
| 17 Manufacture of paper and paper products  | -5.5        | 11.2        | -5.8       | -2.6       | 6.0        | 0.1        | -4.3        | -2.7       | -1.1        | 7.1        |
| 18 Printing and reproduction of recorded media  | -14.6       | 2.6         | -3.4       | -7.0       | -7.3       | -6.9       | -5.7        | -14.9      | -14.1       | -8.8       |
| 19 Manufacture of coke and refined petroleum products   | -14.8       | -0.8        | 4.6        | -0.6       | -6.0       | -8.4       | 8.5         | 4.2        | 8.9         | -0.4       |
| 20 Manufacture of chemicals and chemical products   | -5.0        | 21.6        | 2.5        | 0.5        | 3.6        | 9.4        | 3.4         | -1.1       | 6.5         | 5.0        |
| 21 Manufacture of pharmaceuticals, medicinal chemicals and botanical products   | 12.6        | 53.1        | 32.9       | 9.7        | -2.3       | 7.9        | -8.6        | 13.8       | -14.3       | 7.8        |
| 22 Manufacture of rubber and plastic products   | -15.8       | 10.9        | -10.9      | -3.6       | -3.5       | -0.3       | -8.4        | -8.6       | 2.5         | -1.6       |
| 23 Manufacture of other non-metallurgical mineral products  | -4.8        | 0.7         | 8.1        | -1.4       | -1.3       | -15.5      | 10.1        | -10.2      | -18.9       | -12.0      |
| 24 Manufacture of basic metals  | -15.7       | 10.4        | -2.1       | -9.4       | -15.6      | 28.6       | 0.7         | 6.2        | 2.0         | -12.5      |
| 25 Manufacture of fabricated metal products, except machinery and equipment   | -10.3       | 14.0        | -3.5       | 5.1        | 0.2        | 0.3        | -7.2        | -6.2       | -2.7        | 0.2        |
| 26 Manufacture of computers, electronic and optical products  | -8.5        | 33.4        | -12.0      | -9.4       | 4.3        | 0.6        | -5.3        | 14.1       | 33.0        | 8.2        |
| 27 Manufacture of electrical equipment  | 6.2         | 43.0        | -19.5      | -0.6       | 9.1        | 12.0       | 2.1         | 1.5        | 10.0        | 12.2       |
| 28 Manufacture of machinery and equipment n.e.c   | -11.8       | 37.0        | 27.4       | 12.6       | 1.7        | 8.3        | -15.4       | -19.2      | 6.6         | 14.2       |
| 29 Manufacture of motor vehicle, trailers and semi-trailers   | -11.5       | 38.4        | 16.3       | -1.8       | 22.8       | 7.2        | 9.8         | 5.3        | 19.0        | -3.4       |
| 30 Manufacture of other transport equipment   | -6.0        | -2.1        | 6.5        | 6.3        | 1.1        | -4.0       | -6.3        | 1.0        | -1.7        | 3.0        |
| 31 Manufacture of furniture   | 8.0         | 10.1        | -12.0      | 6.1        | -2.4       | -11.3      | -11.9       | -5.1       | -28.3       | -6.0       |
| 32 Other manufacturing  | 1.4         | 10.6        | 8.8        | 7.0        | 8.9        | 6.7        | 17.9        | 10.4       | 9.9         | 10.2       |
| 33 Repair and installation of machinery and equipment   | -           | -           | -          | -          | -          | -          | -           | -          | -           | -          |
| <b>All Manufacturing</b>  | <b>-4.2</b> | <b>29.7</b> | <b>7.8</b> | <b>0.3</b> | <b>1.7</b> | <b>2.7</b> | <b>-5.1</b> | <b>3.7</b> | <b>10.4</b> | <b>7.0</b> |

Source:  
ASEAN Secretariat

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

**Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2018**

(2011=100; annual change in percent)

| Division of Industry   | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <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        |
| 12 Manufacture of tobacco products   | 100.0        | 115.7        | 122.3        | 126.6        | 128.1        | 127.9        | 128.0        | 99.0         |
| 13 Manufacture of textiles   | 100.0        | 98.8         | 99.8         | 96.6         | 94.3         | 85.7         | 71.2         | 69.0         |
| 14 Manufacture of wearing apparels   | 100.0        | 92.2         | 98.7         | 97.4         | 90.7         | 84.9         | 76.1         | 103.4        |
| 15 Manufacture of leather and related products   | 100.0        | 95.1         | 93.6         | 98.5         | 96.1         | 89.4         | 87.5         | 100.1        |
| 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        |
| 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   | 100.0        | 98.2         | 96.0         | 96.2         | 94.6         | 96.7         | 116.0        | 106.7        |
| 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  | 100.0        | 107.2        | 108.9        | 102.2        | 115.2        | 111.4        | 164.1        | 110.8        |
| 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        |
| 22 Manufacture of rubber and plastic products  | 100.0        | 109.7        | 101.1        | 118.1        | 131.7        | 131.7        | 156.6        | 122.5        |
| 23 Manufacture of other non-metallic mineral products  | 100.0        | 100.9        | 102.2        | 99.7         | 99.5         | 100.5        | 104.2        | 102.9        |
| 24 Manufacture of basic metals   | 100.0        | 102.7        | 108.3        | 103.3        | 100.9        | 101.0        | 95.1         | 102.4        |
| 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        |
| 26 Manufacture of computers, electronic and optical products   | 100.0        | 121.3        | 113.1        | 114.4        | 116.9        | 119.0        | 112.7        | 98.9         |
| 27 Manufacture of electrical equipment   | 100.0        | 69.7         | 89.5         | 109.2        | 100.2        | 89.5         | 101.2        | 100.1        |
| 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         |
| 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         |
| 30 Manufacture of other transport equipment  | 100.0        | 146.4        | 143.8        | 107.0        | 110.0        | 109.9        | 132.4        | 112.0        |
| 31 Manufacture of furniture  | 100.0        | 106.0        | 92.6         | 79.0         | 77.7         | 81.7         | 83.9         | 104.2        |
| 32 Other manufacturing   | 100.0        | 103.7        | 81.4         | 81.1         | 83.3         | 74.5         | 68.6         | 95.8         |
| 33 Repair and installation of machinery and equipment  | 100.0        | 107.1        | 123.7        | 143.0        | 159.2        | 174.9        | 160.3        | 96.6         |
| <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> |

**Table 11.12. Index of Selected Industrial Production: Thailand, 2011-2018 (Continued)**

(2011=100; annual change in percent)

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

Source:  
ASEAN Secretariat

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



**Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011-2018**

(2012=100; annual change in percent)

| Division of Industry                  |  | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
|---------------------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <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        |
| 11                                    | Manufacture of beverages   | 100.0        | 111.3        | 109.2        | 109.5        | 107.0        | 110.4        | 110.0        |
| 12                                    | Manufacture of tobacco products  | 100.0        | 100.7        | 106.2        | 87.4         | 103.8        | 103.3        | 98.8         |
| 13                                    | Manufacture of textiles  | 100.0        | 104.2        | 121.0        | 119.7        | 114.0        | 116.9        | 109.5        |
| 14                                    | Manufacture of wearing apparels  | 100.0        | 107.5        | 110.9        | 112.2        | 104.6        | 107.5        | 106.0        |
| 15                                    | Manufacture of leather and related products  | 100.0        | 107.8        | 118.7        | 122.0        | 117.0        | 103.5        | 104.0        |
| 16                                    | Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 17                                    | Manufacture of paper and paper products  | 100.0        | 115.2        | 120.0        | 115.5        | 111.7        | 107.2        | 108.5        |
| 18                                    | Printing and reproduction of recorded media  | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 19                                    | Manufacture of coke and refined petroleum products   | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 20                                    | Manufacture of chemicals and chemical products   | 100.0        | 110.0        | 107.9        | 104.4        | 104.9        | 101.4        | 108.4        |
| 21                                    | Manufacture of pharmaceuticals, medicinal chemicals and botanical products   | 100.0        | 106.0        | 111.2        | 101.8        | 103.4        | 102.7        | 106.0        |
| 22                                    | Manufacture of rubber and plastic products   | 100.0        | 110.4        | 109.5        | 103.6        | 111.5        | 110.2        | 113.1        |
| 23                                    | Manufacture of other non-metallurgical mineral products  | 100.0        | 94.9         | 104.6        | 108.8        | 112.0        | 112.3        | 106.7        |
| 24                                    | Manufacture of basic metals  | 100.0        | 106.4        | 98.2         | 109.9        | 112.1        | 117.9        | 122.0        |
| 25                                    | Manufacture of fabricated metal products, except machinery and equipment   | 100.0        | 107.9        | 117.0        | 113.3        | 103.0        | 109.7        | 112.9        |
| 26                                    | Manufacture of computers, electronic and optical products  | 100.0        | 114.4        | 102.2        | 135.2        | 135.1        | 112.5        | 132.5        |
| 27                                    | Manufacture of electrical equipment  | 100.0        | 103.2        | 110.7        | 102.6        | 110.2        | 107.4        | 109.2        |
| 28                                    | Manufacture of machinery and equipment n.e.c   | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 29                                    | Manufacture of motor vehicle, trailers and semi-trailers   | 100.0        | 108.9        | 113.9        | 123.1        | 127.0        | 117.5        | 99.8         |
| 30                                    | Manufacture of other transport equipment   | 100.0        | 91.7         | 98.3         | 101.2        | 104.2        | 107.2        | 108.7        |
| 31                                    | Manufacture of furniture   | 100.0        | 118.9        | 96.0         | 103.5        | 107.4        | 111.1        | 106.2        |
| 32                                    | Other manufacturing  | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| 33                                    | Repair and installation of machinery and equipment   | 100.0        | n.a          | n.a          | n.a          | n.a          | n.a          | n.a          |
| <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> |

**Table 11.13. Index of Selected Industrial Production: Viet Nam, 2011-2018 (Continued)**

(2012=100; annual change in percent)

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

Source:  
ASEAN Secretariat

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



CHAPTER 12

# **Other Social Indicators**

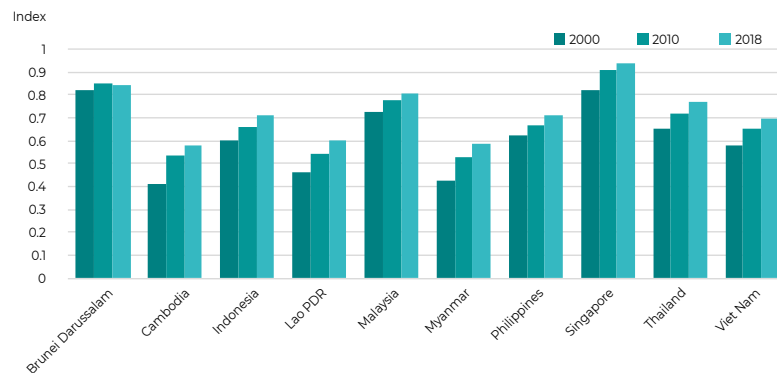


**Table 12.1. Human Development Index (HDI) in ASEAN, 2009-2018**

| Country           | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Brunei Darussalam | 0.845 | 0.846 | 0.852 | 0.860 | 0.863 | 0.864 | 0.865 | 0.852 | 0.853 | 0.845 |
| Cambodia          | 0.519 | 0.533 | 0.540 | 0.546 | 0.553 | 0.558 | 0.563 | 0.576 | 0.582 | 0.581 |
| Indonesia         | 0.656 | 0.662 | 0.669 | 0.677 | 0.682 | 0.686 | 0.689 | 0.691 | 0.694 | 0.707 |
| Lao PDR           | 0.535 | 0.542 | 0.554 | 0.563 | 0.573 | 0.582 | 0.586 | 0.598 | 0.601 | 0.604 |
| Malaysia          | 0.764 | 0.774 | 0.776 | 0.779 | 0.783 | 0.787 | 0.789 | 0.799 | 0.802 | 0.804 |
| Myanmar           | 0.515 | 0.526 | 0.533 | 0.540 | 0.547 | 0.552 | 0.556 | 0.574 | 0.578 | 0.584 |
| Philippines       | 0.662 | 0.669 | 0.666 | 0.671 | 0.676 | 0.679 | 0.682 | 0.696 | 0.699 | 0.712 |
| Singapore         | 0.889 | 0.911 | 0.917 | 0.920 | 0.922 | 0.924 | 0.925 | 0.930 | 0.932 | 0.935 |
| Thailand          | 0.711 | 0.720 | 0.729 | 0.733 | 0.737 | 0.738 | 0.740 | 0.748 | 0.755 | 0.765 |
| Viet Nam          | 0.647 | 0.655 | 0.662 | 0.668 | 0.675 | 0.678 | 0.683 | 0.689 | 0.694 | 0.693 |

Source :  
UNDP - Human Development Report

**Chart 12.1. Trend of HDI in ASEAN, 2000-2018**



**Table 12.2. Population Below the National Poverty Line in ASEAN, 2008-2017**  
(Urban + Rural)

(in percent)

| Country                   | 2008 | 2009 | 2010 | 2011 | 2012 | 2013  | 2014 | 2015 | 2016 | 2017 |
|---------------------------|------|------|------|------|------|-------|------|------|------|------|
| Brunei Darussalam         | n.a. | n.a. | n.a. | n.a. | n.a. | n.a.  | n.a. | n.a. | n.a. | n.a. |
| Cambodia                  | 29.9 | 22.9 | 21.1 | 19.8 | 18.9 | 16.03 | 13.5 | 13.5 | 13.5 | 13.5 |
| Indonesia                 | 15.4 | 14.2 | 13.3 | 12.5 | 12.0 | 11.4  | 11.3 | 11.2 | 10.9 | 10.6 |
| Lao PDR                   | 27.6 | -    | 24.0 | -    | -    | 23.2  | -    | 24.0 | 23.2 | 23.4 |
| Malaysia <sup>1)</sup>    | -    | 3.8  | -    | -    | 1.7  | -     | 0.6  | 0.6  | 0.4  | 0.4  |
| Myanmar                   | -    | -    | 25.6 | 23.6 | -    | -     | -    | 19.4 | 32.1 | 24.8 |
| Philippines <sup>2)</sup> | -    | 26.3 | -    | -    | 25.2 | -     | -    | 22.0 | 21.6 | 21.6 |
| Singapore                 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a.  | n.a. | n.a. | n.a. | n.a. |
| Thailand                  | 20.5 | 19.1 | 16.9 | 13.2 | -    | -     | 10.5 | 7.2  | 8.6  | 7.9  |
| Viet Nam <sup>1)</sup>    | 14.5 | -    | 14.2 | 12.6 | 11.1 | 9.8   | 8.4  | 7.0  | 7.0  | 9.8  |

Sources:  
ASEAN Secretariat  
World Bank - World Development Indicators

Notes:  
1) Malaysia and Viet Nam figures are percent number of household  
2) Philippines figure use Regional Poverty Estimation Methodology  
"- " not available at the time of publication  
n.a. not applicable

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

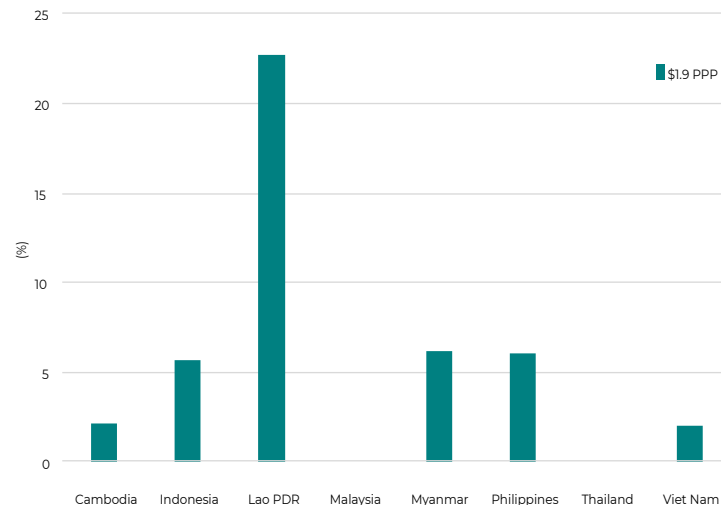
(in percent)

| Country           | Below \$1.90 PPP Latest Year <sup>1)</sup> | Below National Poverty Line 2017 |
|-------------------|--|----------------------------------|
| Brunei Darussalam | n.a.                                       | n.a.                             |
| Cambodia          | 2.2  | 13.5                             |
| Indonesia         | 5.7  | 10.6                             |
| Lao PDR           | 22.7                                       | 23.4                             |
| Malaysia          | 0.0  | 0.4                              |
| Myanmar           | 6.2  | 24.8                             |
| Philippines       | 6.1  | 21.6                             |
| Singapore         | n.a.                                       | n.a.                             |
| Thailand          | 0.0  | 7.9                              |
| Viet Nam          | 2.0  | 9.8                              |

Sources:  
ASEAN Secretariat  
World Bank - World Development Indicators

Notes:  
1) The latest available data for Cambodia and Lao PDR is 2012; for Malaysia, Myanmar, and Philippines is 2015; for Viet Nam is 2016.  
n.a. not applicable

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



**Table 12.4. Gini Coefficient in ASEAN, 2008-2017**

| Country           | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Brunei Darussalam | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Cambodia          | 0.379 | 0.360 | 0.340 | 0.317 | 0.308 | 0.320 | 0.320 | 0.320 | 0.310 | -     |
| Indonesia         | 0.350 | 0.370 | 0.380 | 0.410 | 0.410 | 0.413 | 0.406 | 0.408 | 0.397 | 0.393 |
| Lao PDR           | 0.367 | -     | -     | -     | 0.379 | -     | -     | 0.379 | -     | 0.364 |
| Malaysia          | -     | 0.462 | -     | -     | 0.431 | -     | 0.401 | -     | 0.399 | 0.463 |
| Myanmar           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0.381 |
| Philippines       | -     | 0.464 | -     | -     | 0.430 | -     | -     | 0.401 | -     | 0.401 |
| Singapore         | 0.474 | 0.471 | 0.472 | 0.473 | 0.478 | 0.463 | 0.464 | 0.463 | 0.458 | 0.459 |
| Thailand          | 0.401 | 0.396 | 0.394 | 0.375 | 0.393 | 0.379 | -     | 0.445 | -     | 0.378 |
| Viet Nam          | 0.434 | -     | 0.433 | -     | 0.387 | -     | 0.376 | -     | 0.436 | 0.348 |

Sources:  
 ASEAN Secretariat  
 UNDP - Human Development Report, except Indonesia and Singapore

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

**Table 12.5. Proportion of Seats in National Legislature Held by Women in ASEAN, 2009-2018**

(in percent)

| Country                         | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|
| Brunei Darussalam <sup>1)</sup> | n.a. | n.a. | n.a. | 6.1  | 6.1  | 6.1  | 6.1  | 6.3  | 9.1  | 8.3  |
| Cambodia                        | 16.3 | 21.0 | 21.0 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 15.2 |
| Indonesia                       | 11.6 | 17.9 | 17.9 | 18.2 | 18.6 | 18.6 | 17.1 | 17.1 | 19.8 | 17.3 |
| Lao PDR                         | 25.2 | 25.2 | 25.2 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 27.5 | 27.5 |
| Malaysia                        | 10.8 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 11.0 | 10.4 | 10.4 | 14.4 |
| Myanmar                         | -    | -    | 4.3  | 3.5  | 6.0  | 5.6  | 5.0  | 10.4 | 10.9 | 11.6 |
| Philippines                     | 20.5 | 21.4 | 22.1 | 22.9 | 22.9 | 27.3 | 26.0 | 27.2 | 29.5 | 29.5 |
| Singapore                       | 24.5 | 23.4 | 23.4 | 22.2 | 24.2 | 25.3 | 25.3 | 23.1 | 23.0 | 24.0 |
| Thailand                        | 11.7 | 12.3 | 13.3 | 15.8 | 15.8 | 15.8 | 13.0 | 6.1  | 4.8  | 4.8  |
| Viet Nam                        | 25.8 | 25.8 | 25.8 | 24.4 | 24.4 | 24.3 | 24.3 | 24.3 | 26.7 | 26.7 |

Sources:  
 ASEAN Secretariat  
 ADB Key Indicators 2019

Notes:  
 1) not applicable for Brunei Darussalam before 2012  
 n.a. not applicable  
 "-": not available at the time of publication





CHAPTER 13

# **Other Sectors**



**Table 13.1. Values of Crude Oil Exports in ASEAN, 2009-2018**

(in US \$ Million)

| Country           | 2009            | 2010            | 2011            | 2012            | 2013            | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 3,438.6         | 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         |
| Cambodia          | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Indonesia         | 7,820.3         | 10,402.9        | 13,828.7        | 12,293.4        | 10,204.7        | 9,215.0         | 6,457.0         | 5,196.7         | 5,237.6         | 5,151.9         |
| Lao PDR           | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| Malaysia          | 7,251.2         | 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         |
| Myanmar           | -               | -               | -               | -               | -               | 0.0             | 61.1            | 51.8            | 177.3           | 59.5            |
| Philippines       | 225.2           | 339.8           | 415.2           | 597.8           | 975.5           | 1,047.2         | 289.7           | 173.6           | 195.8           | 202.7           |
| Singapore         | 20.9            | 21.9            | 0.5             | 0.2             | 0.4             | 0.1             | 16.4            | 0.2             | 69.8            | 51.2            |
| Thailand          | 1,038.4         | 837.4           | 1,378.8         | 1,662.2         | 1,163.5         | 421.0           | 64.0            | 501.1           | 695.5           | 781.9           |
| Viet Nam          | 3,247.1         | 5,023.5         | 6,733.1         | 7,946.7         | 6,871.5         | 5,889.7         | 3,630.4         | 2,378.1         | 2,830.8         | 2,146.7         |
| <b>ASEAN</b>      | <b>23,041.6</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> |

Sources:  
ASEAN Secretariat  
Crude Oil: SITC 333

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

**Table 13.2. Values of Crude Oil Imports in ASEAN, 2009-2018**

(in US \$ Million)

| Country           | 2009            | 2010            | 2011            | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | -               | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Cambodia          | -               | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Indonesia         | 7,362.2         | 8,531.2         | 11,154.5        | 10,803.2         | 13,585.8         | 13,072.4        | 8,063.3         | 6,730.5         | 7,063.6         | 10,203.9        |
| Lao PDR           | 0.5             | 0.8             | 0.9             | 27.7             | 6.2              | 6.8             | 3.2             | 2.6             | 2.2             | 2.9             |
| Malaysia          | 4,219.9         | 5,724.4         | 7,832.0         | 8,981.8          | 7,163.0          | 7,725.7         | 3,384.2         | 2,826.0         | 3,960.7         | 5,713.2         |
| Myanmar           | -               | 0.0             | 0.0             | 0.0              | 0.0              | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Philippines       | 3,354.5         | 5,504.6         | 7,874.2         | 7,618.8          | 6,617.1          | 6,287.3         | 3,952.4         | 2,905.1         | 3,492.2         | 5,190.8         |
| Singapore         | 20,032.2        | 24,037.7        | 33,607.0        | 39,827.6         | 35,559.1         | 34,398.9        | 18,234.5        | 15,049.9        | 21,420.2        | 27,965.7        |
| Thailand          | 19,008.3        | 24,397.3        | 32,897.4        | 35,843.2         | 37,396.1         | 33,216.5        | 19,521.2        | 15,176.0        | 19,858.2        | 22,389.8        |
| Viet Nam          | 0.0             | 334.8           | 567.0           | 583.9            | 1,123.1          | 452.4           | 99.4            | 199.9           | 635.7           | 2,914.3         |
| <b>ASEAN</b>      | <b>53,977.6</b> | <b>68,530.7</b> | <b>93,932.9</b> | <b>103,686.3</b> | <b>101,450.3</b> | <b>95,160.0</b> | <b>53,258.1</b> | <b>42,890.1</b> | <b>56,432.7</b> | <b>74,380.7</b> |

Sources:  
ASEAN Secretariat  
Crude Oil: SITC 333

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

**Table 13.3. Values of Petroleum Products Exports in ASEAN, 2009-2018**

(in US \$ Million)

| Country           | 2009            | 2010            | 2011             | 2012             | 2013             | 2014            | 2015            | 2016            | 2017            | 2018            |
|-------------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Brunei Darussalam | 0.2             | 1.5             | 0.3              | 0.2              | 0.4              | 0.4             | 0.2             | 0.3             | 8.0             | 3.9             |
| Cambodia          | -               | 0.0             | -                | -                | 0.1              | 0.0             | 0.0             | 0.1             | 0.0             | 0.1             |
| Indonesia         | 866.2           | 2,190.9         | 2,901.7          | 1,774.8          | 1,611.4          | 1,301.1         | 553.2           | 400.4           | 909.0           | 925.8           |
| Lao PDR           | -               | 0.0             | 0.1              | -                | 0.0              | 0.5             | 4.7             | 6.8             | 0.8             | 0.0             |
| Malaysia          | 5,501.3         | 7,977.2         | 10,780.4         | 14,596.7         | 19,376.0         | 18,485.6        | 10,621.2        | 11,146.9        | 13,210.3        | 16,264.1        |
| Myanmar           | -               | -               | -                | 0.0              | -                | 0.0             | 2.3             | 67.4            | 214.3           | 260.8           |
| Philippines       | 262.4           | 371.2           | 647.5            | 465.0            | 834.0            | 445.7           | 312.8           | 196.8           | 395.6           | 494.0           |
| Singapore         | 39,822.6        | 55,145.2        | 79,250.2         | 73,240.8         | 69,256.3         | 66,220.0        | 42,090.0        | 36,105.4        | 46,540.2        | 52,064.6        |
| Thailand          | 6,302.5         | 7,797.9         | 10,093.2         | 11,388.5         | 11,473.5         | 9,811.1         | 6,932.8         | 4,863.0         | 6,112.9         | 7,793.1         |
| Viet Nam          | 471.7           | 1,276.1         | 2,040.1          | 1,666.4          | 1,146.1          | 973.4           | 739.2           | 640.7           | 847.7           | 1,142.9         |
| <b>ASEAN</b>      | <b>53,227.0</b> | <b>74,760.0</b> | <b>105,713.5</b> | <b>103,132.6</b> | <b>103,697.8</b> | <b>97,238.0</b> | <b>61,256.5</b> | <b>53,427.7</b> | <b>68,238.9</b> | <b>78,949.3</b> |

Sources:  
 ASEAN Secretariat  
 Petroleum Products: SITC 334

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

**Table 13.4. Values of Petroleum Products Imports in ASEAN, 2009-2018**

(in US \$ Million)

| Country           | 2009            | 2010            | 2011             | 2012             | 2013             | 2014             | 2015            | 2016            | 2017            | 2018             |
|-------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|
| Brunei Darussalam | 75.4            | 126.8           | 280.0            | 254.6            | 268.5            | 362.8            | 193.0           | 222.3           | 264.1           | 268.6            |
| Cambodia          | 350.3           | 308.4           | 746.3            | 1,107.8          | 944.3            | 294.9            | 1,089.2         | 888.9           | 1,108.1         | 1,616.8          |
| Indonesia         | 10,841.0        | 17,654.3        | 27,721.8         | 28,038.2         | 27,850.9         | 26,717.3         | 14,008.5        | 9,940.9         | 14,119.6        | 18,787.6         |
| Lao PDR           | 332.1           | 452.5           | 460.8            | 602.3            | 546.5            | 652.3            | 644.1           | 541.2           | 608.9           | 770.3            |
| Malaysia          | 4,084.4         | 7,888.4         | 10,705.1         | 13,104.5         | 22,051.7         | 22,822.1         | 14,802.9        | 11,895.6        | 16,668.3        | 20,168.2         |
| Myanmar           | 697.5           | 908.5           | 2,043.7          | 1,793.8          | 1,714.6          | 2,680.3          | 1,816.4         | 1,641.7         | 3,376.7         | 3,860.3          |
| Philippines       | 3,249.1         | 3,234.2         | 3,667.5          | 4,977.5          | 5,282.6          | 5,873.9          | 3,337.0         | 3,953.1         | 5,604.0         | 6,744.5          |
| Singapore         | 38,510.4        | 56,909.8        | 80,372.0         | 77,314.7         | 74,613.4         | 72,384.3         | 42,675.5        | 33,081.0        | 45,904.4        | 54,335.0         |
| Thailand          | 1,075.5         | 1,679.7         | 2,997.1          | 3,441.6          | 3,676.2          | 5,573.1          | 2,993.2         | 3,557.1         | 4,348.8         | 4,177.3          |
| Viet Nam          | 5,232.0         | 6,454.1         | 10,341.8         | 9,334.8          | 7,386.4          | 7,444.8          | 5,729.5         | 5,340.6         | 7,308.3         | 8,060.1          |
| <b>ASEAN</b>      | <b>64,447.6</b> | <b>95,616.7</b> | <b>139,336.1</b> | <b>139,969.9</b> | <b>144,335.0</b> | <b>144,805.9</b> | <b>87,289.3</b> | <b>71,062.5</b> | <b>99,311.2</b> | <b>118,788.7</b> |

Sources:  
 ASEAN Secretariat  
 Petroleum Products: SITC 334

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

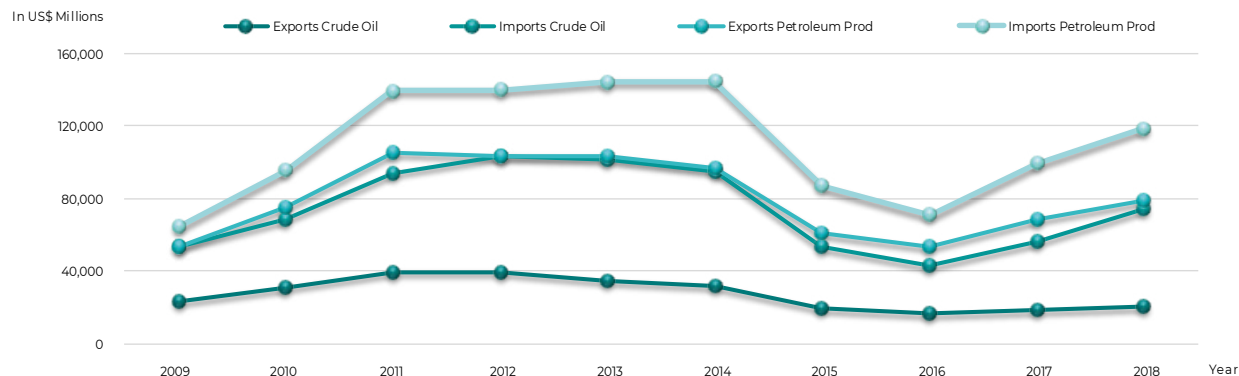
**Table 13.5. Values of ASEAN Net Exports of Crude Oil and Petroleum Products, 2009-2018**

(in US \$ Million)

| Country                   | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Crude Oil</b>          |           |           |           |           |           |           |           |           |           |           |
| Exports                   | 23,041.6  | 30,686.4  | 39,599.4  | 39,227.0  | 34,545.2  | 31,525.8  | 19,743.0  | 16,357.8  | 18,444.2  | 20,550.5  |
| Imports                   | 53,977.6  | 68,530.7  | 93,932.9  | 103,686.3 | 101,450.3 | 95,160.0  | 53,258.1  | 42,890.1  | 56,432.7  | 74,380.7  |
| Net Exports               | -30,936.0 | -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 |
| Export/Imports            | 0.4       | 0.4       | 0.4       | 0.4       | 0.3       | 0.3       | 0.4       | 0.4       | 0.3       | 0.3       |
| <b>Petroleum Products</b> |           |           |           |           |           |           |           |           |           |           |
| Exports                   | 53,227.0  | 74,760.0  | 105,713.5 | 103,132.6 | 103,697.8 | 97,238.0  | 61,256.5  | 53,427.7  | 68,238.9  | 78,949.3  |
| Imports                   | 64,447.6  | 95,616.7  | 139,336.1 | 139,969.9 | 144,335.0 | 144,805.9 | 87,289.3  | 71,062.5  | 99,311.2  | 118,788.7 |
| Net Exports               | -11,220.6 | -20,856.7 | -33,622.6 | -36,837.3 | -40,637.3 | -47,567.9 | -26,032.7 | -17,634.7 | -31,072.3 | -39,839.4 |
| Export/Imports            | 0.8       | 0.8       | 0.8       | 0.7       | 0.7       | 0.7       | 0.7       | 0.8       | 0.7       | 0.7       |

Sources:  
 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, 2009-2018**



**Table 13.6. Major Markets of ASEAN Crude Oil Exports, 2014-2018**

(in US \$ Million)

| No      | Country                   | 2014     | No      | Country                   | 2015     | No      | Country                   | 2016     | No      | Country                   | 2017     | No      | Country                   | 2018     |
|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|
| 1       | ASEAN                     | 8,501.2  | 1       | ASEAN                     | 7,645.9  | 1       | ASEAN                     | 6,047.7  | 1       | ASEAN                     | 7,475.1  | 1       | ASEAN                     | 8,030.5  |
| 2       | Australia                 | 7,220.7  | 2       | Australia                 | 2,875.0  | 2       | China                     | 2,628.3  | 2       | Australia                 | 3,015.5  | 2       | Australia                 | 4,561.8  |
| 3       | Japan                     | 5,373.3  | 3       | Japan                     | 2,573.4  | 3       | Australia                 | 2,530.4  | 3       | China                     | 2,290.4  | 3       | India                     | 2,461.4  |
| 4       | India                     | 3,340.0  | 4       | India                     | 1,885.5  | 4       | India                     | 2,027.0  | 4       | India                     | 1,852.8  | 4       | China                     | 1,359.5  |
| 5       | Korea, Republic of        | 2,246.7  | 5       | China                     | 1,598.5  | 5       | Japan                     | 1,284.4  | 5       | Japan                     | 1,290.5  | 5       | Japan                     | 1,201.2  |
| 6       | China                     | 1,559.3  | 6       | United States             | 1,082.8  | 6       | Korea, Republic of        | 644.4    | 6       | Korea, Republic of        | 975.2    | 6       | Korea, Republic of        | 1,101.1  |
| 7       | United States             | 1,373.5  | 7       | Korea, Republic of        | 1,003.1  | 7       | United States             | 570.9    | 7       | United States             | 782.2    | 7       | United States             | 863.7    |
| 8       | New Zealand               | 1,198.5  | 8       | New Zealand               | 771.0    | 8       | New Zealand               | 292.4    | 8       | Taiwan, Province of China | 358.0    | 8       | New Zealand               | 476.1    |
| 9       | Taiwan, Province of China | 583.7    | 9       | Taiwan, Province of China | 267.2    | 9       | Taiwan, Province of China | 266.5    | 9       | New Zealand               | 343.9    | 9       | Taiwan, Province of China | 408.4    |
| 10      | Papua New Guinea          | 128.9    | 10      | Papua New Guinea          | 40.6     | 10      | Papua New Guinea          | 41.6     | 10      | Switzerland               | 47.2     | 10      | Papua New Guinea          | 46.9     |
| Top Ten |                           | 31,525.8 | Top Ten |                           | 19,743.0 | Top Ten |                           | 16,333.6 | Top Ten |                           | 18,430.9 | Top Ten |                           | 20,510.6 |
| Others  |                           | 0.0      | Others  |                           | 0.0      | Others  |                           | 24.2     | Others  |                           | 13.3     | Others  |                           | 39.9     |
| Total   |                           | 31,525.8 | Total   |                           | 19,743.0 | Total   |                           | 16,357.8 | Total   |                           | 18,444.2 | Total   |                           | 20,550.5 |

Sources:  
ASEAN Secretariat  
Crude Oil: SITC 333

**Table 13.7. Major Suppliers (Origins) of ASEAN Crude Oil Imports, 2014-2018**

(in US \$ Million)

| No      | Country              | 2014     | No      | Country              | 2015     | No      | Country              | 2016     | No      | Country              | 2017     | No      | Country              | 2018     |
|---------|----------------------|----------|---------|----------------------|----------|---------|----------------------|----------|---------|----------------------|----------|---------|----------------------|----------|
| 1       | United Arab Emirates | 22,764.7 | 1       | United Arab Emirates | 12,069.9 | 1       | Saudi Arabia         | 11,191.9 | 1       | United Arab Emirates | 12,874.8 | 1       | Saudi Arabia         | 16,733.6 |
| 2       | Saudi Arabia         | 21,917.4 | 2       | Saudi Arabia         | 11,970.5 | 2       | United Arab Emirates | 9,453.8  | 2       | Saudi Arabia         | 12,017.4 | 2       | United Arab Emirates | 14,264.1 |
| 3       | ASEAN                | 9,988.3  | 3       | ASEAN                | 9,303.2  | 3       | ASEAN                | 6,383.7  | 3       | ASEAN                | 8,448.2  | 3       | ASEAN                | 8,183.4  |
| 4       | Qatar                | 9,493.4  | 4       | Qatar                | 4,701.0  | 4       | Qatar                | 3,780.8  | 4       | Qatar                | 5,718.8  | 4       | Kuwait               | 7,810.5  |
| 5       | Russian Federation   | 5,778.0  | 5       | Kuwait               | 3,132.9  | 5       | Kuwait               | 3,057.1  | 5       | Kuwait               | 3,864.5  | 5       | Qatar                | 7,187.7  |
| 6       | Nigeria              | 4,016.9  | 6       | Australia            | 1,736.7  | 6       | Australia            | 1,633.1  | 6       | Australia            | 2,265.9  | 6       | Australia            | 3,184.4  |
| 7       | Azerbaijan           | 3,924.8  | 7       | Russian Federation   | 1,725.6  | 7       | Russian Federation   | 1,534.0  | 7       | Russian Federation   | 2,179.6  | 7       | Nigeria              | 3,169.1  |
| 8       | Australia            | 3,601.0  | 8       | Azerbaijan           | 1,659.3  | 8       | Nigeria              | 1,286.1  | 8       | Nigeria              | 1,685.2  | 8       | Russian Federation   | 2,573.1  |
| 9       | Kuwait               | 2,672.7  | 9       | Nigeria              | 1,324.0  | 9       | Azerbaijan           | 818.5    | 9       | Azerbaijan           | 940.3    | 9       | United States        | 1,682.0  |
| 10      | Iraq                 | 2,432.5  | 10      | Iraq                 | 1,055.9  | 10      | Algeria              | 651.4    | 10      | Iraq                 | 646.9    | 10      | Angola               | 1,610.1  |
| Top Ten |                      | 86,589.6 | Top Ten |                      | 48,679.0 | Top Ten |                      | 39,790.3 | Top Ten |                      | 50,641.6 | Top Ten |                      | 66,398.0 |
| Others  |                      | 8,570.3  | Others  |                      | 4,579.1  | Others  |                      | 3,099.8  | Others  |                      | 5,791.2  | Others  |                      | 7,982.7  |
| Total   |                      | 95,160.0 | Total   |                      | 53,258.1 | Total   |                      | 42,890.1 | Total   |                      | 56,432.7 | Total   |                      | 74,380.7 |

Sources:  
ASEAN Secretariat  
Crude Oil: SITC 333

**Table 13.8. Major Markets of ASEAN Petroleum Products Exports, 2014-2018**

(in US \$ Million)

| No      | Country                   | 2014     | No      | Country            | 2015     | No      | Country                   | 2016     | No      | Country                   | 2017     | No      | Country                   | 2018     |
|---------|---------------------------|----------|---------|--------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|
| 1       | ASEAN                     | 60,281.0 | 1       | ASEAN              | 37,149.9 | 1       | ASEAN                     | 33,284.4 | 1       | ASEAN                     | 40,039.5 | 1       | ASEAN                     | 45,893.9 |
| 2       | Australia                 | 8,502.6  | 2       | Australia          | 4,400.7  | 2       | China                     | 3,884.6  | 2       | China                     | 6,452.5  | 2       | Australia                 | 6,966.4  |
| 3       | China                     | 5,802.7  | 3       | China              | 4,070.9  | 3       | Australia                 | 3,837.2  | 3       | Australia                 | 4,954.0  | 3       | China                     | 6,425.6  |
| 4       | Hong Kong                 | 3,272.6  | 4       | Hong Kong          | 2,195.1  | 4       | Hong Kong                 | 1,888.2  | 4       | Hong Kong                 | 2,772.6  | 4       | Hong Kong                 | 3,507.5  |
| 5       | Korea, Republic of        | 2,623.1  | 5       | Korea, Republic of | 1,307.5  | 5       | EU-28                     | 1,088.2  | 5       | EU-28                     | 2,113.0  | 5       | Bangladesh                | 2,287.1  |
| 6       | Bangladesh                | 1,858.3  | 6       | India              | 919.3    | 6       | Korea, Republic of        | 1,008.1  | 6       | Bangladesh                | 1,414.6  | 6       | Korea, Republic of        | 1,512.0  |
| 7       | Sri Lanka                 | 1,196.7  | 7       | Japan              | 890.9    | 7       | Bangladesh                | 967.9    | 7       | Korea, Republic of        | 1,343.2  | 7       | United States             | 1,317.1  |
| 8       | Taiwan, Province of China | 1,119.8  | 8       | South Africa       | 877.5    | 8       | United States             | 898.0    | 8       | Taiwan, Province of China | 1,041.3  | 8       | EU-28                     | 1,140.9  |
| 9       | South Africa              | 1,104.3  | 9       | United States      | 876.3    | 9       | Taiwan, Province of China | 850.6    | 9       | United States             | 1,020.0  | 9       | Sri Lanka                 | 1,124.4  |
| 10      | New Zealand               | 946.4    | 10      | EU-28              | 866.7    | 10      | India                     | 715.2    | 10      | Sri Lanka                 | 839.1    | 10      | Taiwan, Province of China | 1,104.9  |
| Top Ten |                           | 86,707.5 | Top Ten |                    | 53,554.8 | Top Ten |                           | 48,422.4 | Top Ten |                           | 61,989.7 | Top Ten |                           | 71,279.7 |
| Others  |                           | 10,530.4 | Others  |                    | 7,701.7  | Others  |                           | 5,005.3  | Others  |                           | 6,249.2  | Others  |                           | 7,669.6  |
| Total   |                           | 97,238.0 | Total   |                    | 61,256.5 | Total   |                           | 53,427.7 | Total   |                           | 68,238.9 | Total   |                           | 78,949.3 |

Sources:  
ASEAN Secretariat  
Petroleum products: SITC 334



**Table 13.9. Major Suppliers (Origins) of ASEAN Petroleum Products Imports, 2014-2018**

(in US \$ Million)

| No      | Country                   | 2014      | No      | Country                   | 2015     | No      | Country                   | 2016     | No      | Country                   | 2017     | No      | Country                   | 2018      |
|---------|---------------------------|-----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|-----------|
| 1       | ASEAN                     | 57,210.1  | 1       | ASEAN                     | 12,069.9 | 1       | ASEAN                     | 30,407.7 | 1       | ASEAN                     | 41,777.5 | 1       | ASEAN                     | 51,234.4  |
| 2       | Korea, Republic of        | 16,838.2  | 2       | Korea, Republic of        | 11,970.5 | 2       | China                     | 6,591.2  | 2       | China                     | 9,186.8  | 2       | China                     | 11,804.1  |
| 3       | China                     | 7,596.2   | 3       | China                     | 9,303.2  | 3       | Korea, Republic of        | 6,494.5  | 3       | Korea, Republic of        | 8,090.8  | 3       | Korea, Republic of        | 9,902.5   |
| 4       | Taiwan, Province of China | 7,247.2   | 4       | Russian Federation        | 4,701.0  | 4       | India                     | 4,030.1  | 4       | India                     | 7,189.6  | 4       | India                     | 6,932.2   |
| 5       | India                     | 7,002.0   | 5       | EU-28                     | 3,132.9  | 5       | EU-28                     | 3,255.1  | 5       | United Arab Emirates      | 4,203.1  | 5       | United Arab Emirates      | 5,758.2   |
| 6       | Russian Federation        | 6,803.9   | 6       | United Arab Emirates      | 1,736.7  | 6       | United Arab Emirates      | 3,002.0  | 6       | Russian Federation        | 4,112.0  | 6       | EU-28                     | 5,409.8   |
| 7       | United Arab Emirates      | 6,581.8   | 7       | Taiwan, Province of China | 1,725.6  | 7       | Saudi Arabia              | 2,952.3  | 7       | EU-28                     | 3,991.8  | 7       | Russian Federation        | 5,078.4   |
| 8       | EU-28                     | 5,463.7   | 8       | India                     | 1,659.3  | 8       | Taiwan, Province of China | 2,581.5  | 8       | Saudi Arabia              | 3,474.0  | 8       | Saudi Arabia              | 5,029.0   |
| 9       | Saudi Arabia              | 5,380.6   | 9       | Japan                     | 1,324.0  | 9       | Russian Federation        | 2,412.6  | 9       | Taiwan, Province of China | 2,681.3  | 9       | Iraq                      | 3,163.1   |
| 10      | Kuwait                    | 4,395.5   | 10      | Saudi Arabia              | 1,055.9  | 10      | Japan                     | 1,710.6  | 10      | United States             | 2,609.9  | 10      | Taiwan, Province of China | 2,775.5   |
| Top Ten |                           | 124,519.2 | Top Ten |                           | 48,679.0 | Top Ten |                           | 63,437.6 | Top Ten |                           | 87,316.9 | Top Ten |                           | 107,087.2 |
| Others  |                           | 20,286.7  | Others  |                           | 38,610.3 | Others  |                           | 7,624.9  | Others  |                           | 11,994.3 | Others  |                           | 11,701.6  |
| Total   |                           | 144,805.9 | Total   |                           | 87,289.3 | Total   |                           | 71,062.5 | Total   |                           | 99,311.2 | Total   |                           | 118,788.7 |

Sources:  
ASEAN Secretariat  
Petroleum products: SITC 334

**Table 13.10. Forest Areas as Percentage of Total Areas in ASEAN, 2000, 2010 and 2017**

| Country           | Total Forest Area (000 Ha) |                  |                  | Forest Areas as Percentage of Total Areas (%) |      |      |                         |
|-------------------|----------------------------|------------------|------------------|---|------|------|-------------------------|
|                   | 2000                       | 2010             | 2017             | 2000  | 2010 | 2017 | Annual Change 2000-2017 |
| Brunei Darussalam | 397.0                      | 380.0            | 380.0            | 75.3  | 72.1 | 72.1 | -0.3                    |
| Cambodia          | 11,546.0                   | 10,094.0         | 9,457.0          | 65.4  | 57.2 | 53.6 | -1.2                    |
| Indonesia         | 99,409.0                   | 94,432.0         | 91,010.0         | 54.9  | 52.1 | 50.2 | -0.5                    |
| Lao PDR           | 16,526.0                   | 17,815.6         | 18,761.4         | 71.6  | 77.2 | 81.3 | 0.7                     |
| Malaysia          | 21,591.0                   | 22,124.0         | 22,195.0         | 65.7  | 67.3 | 67.6 | 0.2                     |
| Myanmar           | 34,868.0                   | 31,773.0         | 29,041.0         | 53.4  | 48.6 | 44.5 | -1.1                    |
| Philippines       | 7,027.0                    | 6,840.0          | 8,040.0          | 23.6  | 22.9 | 27.0 | 0.8                     |
| Singapore         | 16.4                       | 16.4             | 16.4             | 24.4  | 24.4 | 23.1 | -0.3                    |
| Thailand          | 17,011.0                   | 16,249.0         | 16,399.0         | 33.3  | 31.8 | 32.1 | -0.2                    |
| Viet Nam          | 11,727.0                   | 14,128.0         | 14,773.0         | 37.7  | 45.4 | 47.6 | 1.4                     |
| <b>ASEAN</b>      | <b>220,118.3</b>           | <b>213,851.9</b> | <b>210,072.8</b> |   |      |      |                         |

Source:  
FAO Statistics Division 2019; <http://faostat.fao.org>

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

| Country           | Protected area (% of total land area) |      |      |
|-------------------|---------------------------------------|------|------|
|                   | 1990                                  | 2000 | 2017 |
| Brunei Darussalam | 36.9                                  | 44.1 | 46.9 |
| Cambodia          | 0.0                                   | 23.1 | 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

Note:  
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, 2009-2018**

| ICT Service                                     | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia | Myanmar | Philippines | Singapore | Thailand | Vietnam | ASEAN <sup>1)</sup> |
|---|------|-------------------|----------|-----------|---------|----------|---------|-------------|-----------|----------|---------|---------------------|
| Cellular/Mobile Phone Density (per 100 persons) | 2009 | 112.2             | 45.1     | 67.1      | 52.9    | 107.9    | 1.2     | 82.0        | 137.5     | 98.6     | 127.8   | 87.4                |
|   | 2010 | 112.5             | 73.7     | 88.1      | 64.6    | 119.2    | 1.6     | 90.0        | 143.6     | 106.6    | 129.6   | 87.5                |
|   | 2011 | 112.7             | 108.0    | 102.5     | 87.2    | 127.0    | 2.4     | 98.1        | 149.6     | 114.6    | 144.9   | 96.7                |
|   | 2012 | 117.5             | 129.6    | 114.9     | 66.0    | 140.0    | 7.4     | 104.5       | 151.9     | 125.2    | 148.3   | 111.7               |
|   | 2013 | 115.4             | 135.4    | 125.9     | 69.1    | 143.6    | 13.3    | 103.5       | 156.3     | 137.5    | 137.9   | 116.7               |
|   | 2014 | 113.1             | 132.7    | 126.5     | 67.8    | 148.5    | 51.6    | 110.0       | 146.9     | 141.4    | 150.1   | 123.4               |
|   | 2015 | 108.1             | 133.0    | 132.6     | 53.1    | 143.9    | 75.7    | 115.8       | 146.5     | 152.7    | 128.8   | 126.6               |
|   | 2016 | 120.7             | 124.9    | 149.1     | 55.4    | 141.2    | 89.3    | 109.2       | 146.9     | 172.6    | 128.0   | 135.1               |
|   | 2017 | 127.0             | 118.2    | 173.8     | 54.1    | 131.2    | 106.2   | 110.4       | 148.2     | 176.0    | 128.1   | 147.3               |
|   | 2018 | 131.9             | 119.5    | 119.8     | 51.9    | 134.5    | 113.8   | 110.4       | 145.7     | 180.2    | 147.2   | 128.3               |

Sources:  
Compiled based on AMCs' data submission, statistical yearbooks, and national statistical offices' websites; and ITU Database 2019

Note:

1) some country data are not available to compute ASEAN figures is computed based on country figures.

**Table 13.13. Access to Internet Services in ASEAN, 2009-2018**

| ICT Service                                | Year | Brunei Darussalam | Cambodia | Indonesia | Lao PDR | Malaysia           | Myanmar | Philippines | Singapore | Thailand | Vietnam | ASEAN <sup>1)</sup> |
|--|------|-------------------|----------|-----------|---------|--------------------|---------|-------------|-----------|----------|---------|---------------------|
| Internet Subscribers/Users per 100 Persons | 2009 | 46.0              | 1.5      | 8.7       | 6.0     | 55.9               | 0.1     | 3.9         | 47.8      | 20.1     | 24.1    | 14.4                |
|  | 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 <sup>2)</sup> | 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      | 30.0    | 80.1               | 30.7    | 60.1        | 84.4      | 52.9     | 46.5    | 48.5                |
|  | 2018 | 94.6              | 40.0     | 39.8      | 35.4    | 81.2               | 33.1    | 73.1        | 88.2      | 56.8     | 70.4    | 53.4                |

Sources:

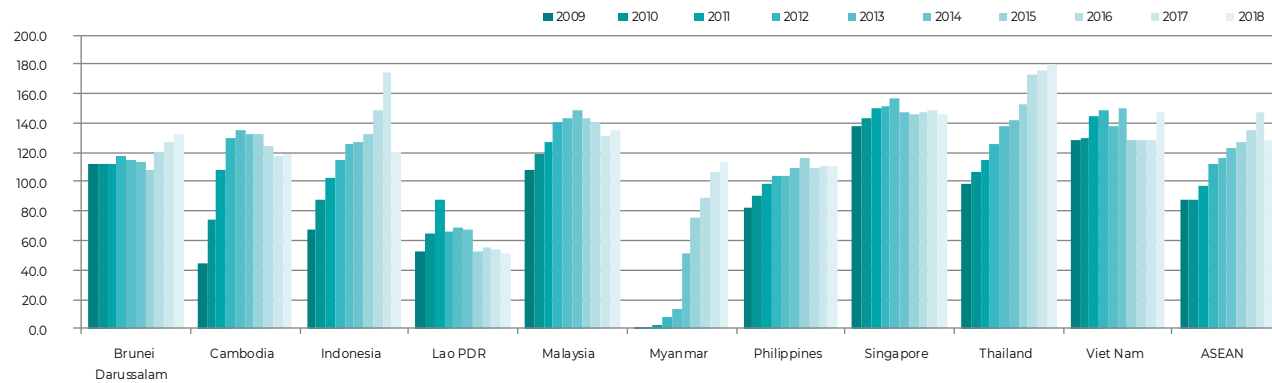
Compiled based on AMSs' data submission for Statistical Yearbook; country websites; and ASEAN Connect website; ITU Database as of 2019

Notes:

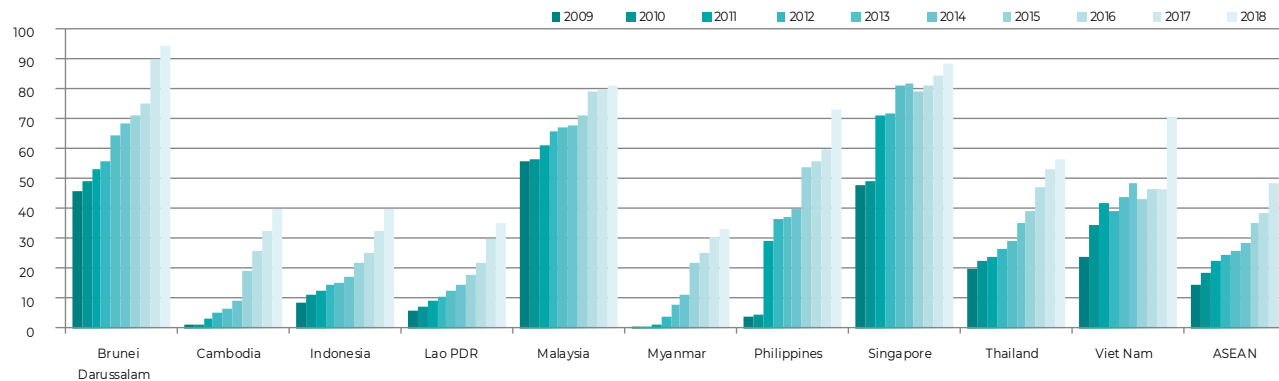
1) some country data are not available to compute ASEAN figures is computed based on country figures.

2) Malaysia data 2012 using Broadband Internet Subscribers

**Chart 13.2. Trend in Cellular/Mobile Phone Density per 100 Persons in ASEAN, 2009-2018**



**Chart 13.3. Trend in Internet Services Density per 100 Persons in ASEAN, 2009-2018**







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