



MINISTRY OF ECONOMY  
DEPARTMENT OF STATISTICS MALAYSIA

---

## COMPENDIUM OF ENVIRONMENT STATISTICS 2016

---

The Compendium of Environment Statistics (CES) presents statistics on environment for the period 2011-2015/2016 by topic namely air, water (inland and marine), land and urban/human settlements. The compilation of this statistics includes environment information, impacts of human activities on the environment and actions taken to minimise the impact. The data sources are obtained from various agencies. Statistics shown are related to the topics of air, water (inland and marine), land and urban/human settlements.

- **AIR**

In 2015, motor vehicles was the main source contributed to emission of pollutants to the air of 2.1 million tonnes. Within the same period, the number of cumulative motor vehicles registered was 26.3 million.

- **WATER**

- **Inland**

In 2015, the production volume of water supplied was 16,159 liters per day. A total of 95.5 per cent of Malaysia's population served with piped water in which 97.2 per cent of urban population and 93.0 per cent of rural population is served with piped water.

- **Marine**

Marine water quality status is monitored by the coastal areas, estuaries and islands according to four categories; Excellent, Good, Moderate and Poor. In 2015, all of three areas showed most of the stations recorded Moderate readings.

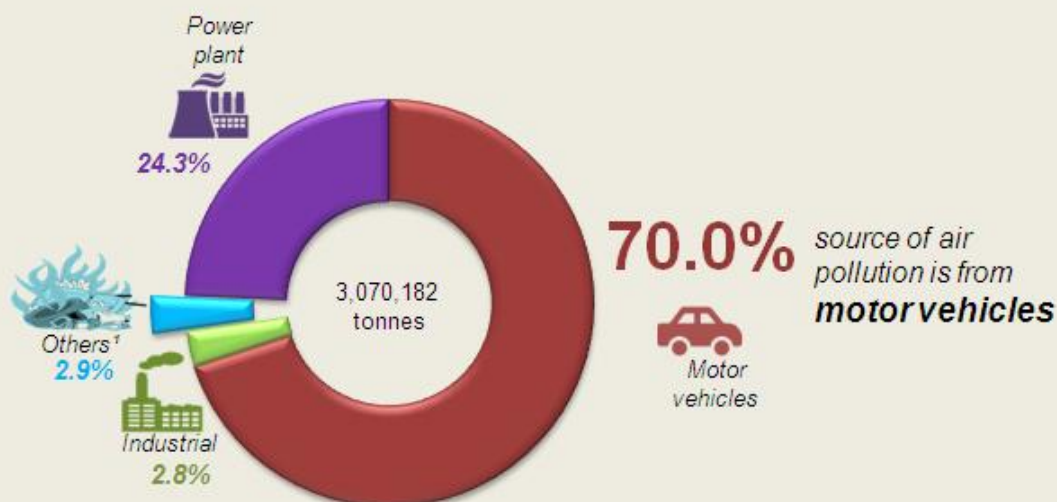
- **LAND**

In 2015, 18.3 million hectares (55.2%) from the total land of Malaysia (330,345 km<sup>2</sup>) was forested area.

- **URBAN/HUMAN SETTLEMENTS**

Generally, human activities has caused environment quality degradation and affected the human health. Contaminated food and water intake can cause five types of Food and Water Borne Diseases that are cholera, typhoid, dysentery, viral hepatitis A and food poisoning. In 2015, the incidence rate (IR) of food poisoning was the highest at 47.3 per 100,000 population.

## EMISSION OF POLLUTANTS TO THE ATMOSPHERE BY SOURCE



Source: Department of Environment

## POPULATION SERVED WITH PIPED WATER

The production volume of water supplied



16,159

million litres per day



95.5% Malaysia's population served with piped water

97.2%

Urban



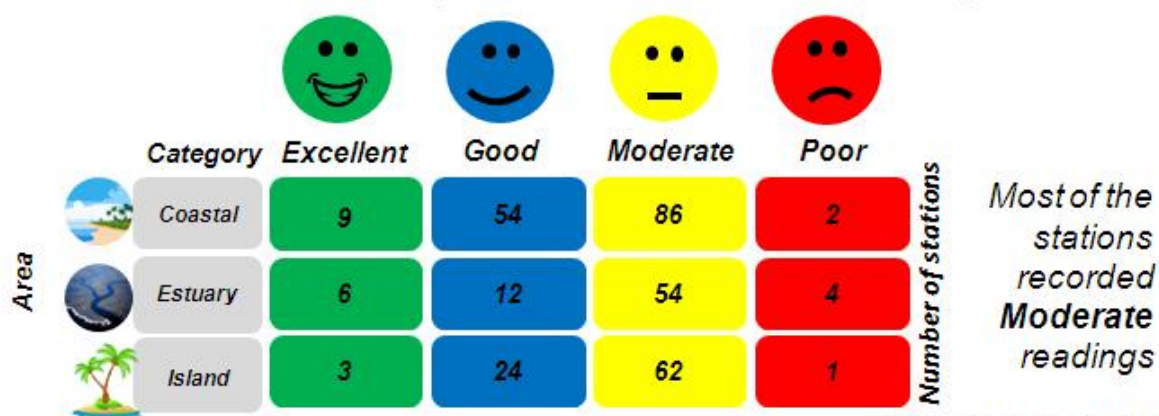
93.0%

Rural



Source: National Water Services Commission

## STATUS OF MARINE WATER QUALITY BASED ON MARINE WATER QUALITY INDEX

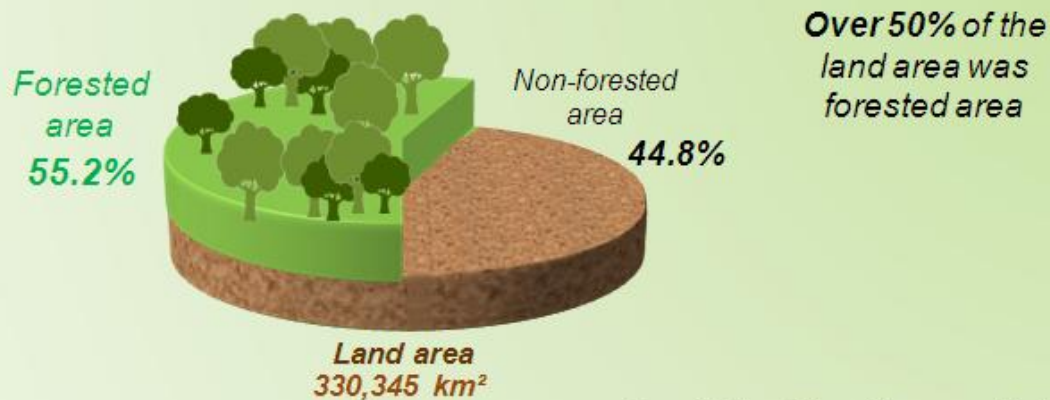


Source: Department of Environment

Source: : Compendium Of Environment Statistics (CES), Malaysia, 2016, Department of Statistics, Malaysia



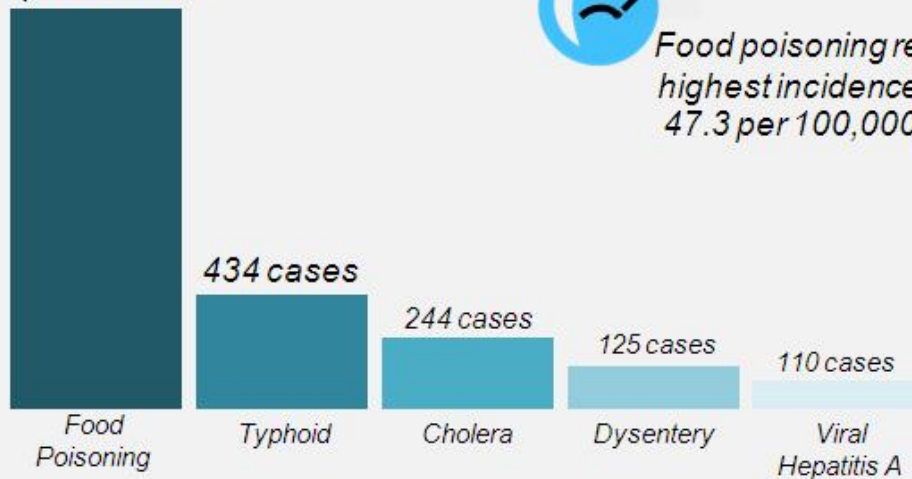
## FORESTED AND NON-FORESTED AREA, MALAYSIA



Source: Ministry of Natural Resources and Environment

## FOOD AND VECTOR BORNE DISEASES

14,433 cases



Food poisoning recorded the highest incidence rate (IR) of 47.3 per 100,000 population

Source: Ministry of Health Malaysia

## VECTOR BORNE DISEASES



Dengue fever



119,796 cases

Malaria



2,311 cases

Haemorrhagic dengue fever



1,040 cases

In 2015, dengue fever recorded the incidence rate (IR) of 393.0 per 100,000 population

Source: Ministry of Health Malaysia

**Released By:**

**THE OFFICE OF CHIEF STATISTICIAN MALAYSIA  
DEPARTMENT OF STATISTICS, MALAYSIA  
#myHariBulan# #myBulan# #myTahun#**

**Contact person:**

Ho Mei Kei  
Public Relation Officer  
Corporate and User Services Division  
Department of Statistics, Malaysia  
**Tel** : +603-8885 7942  
**Fax** : +603-8888 9248  
**Email** : mkho[at]stats.gov.my

**Contact person:**

Baharudin Mohamad  
Public Relation Officer  
Strategic Communication and International Division  
Department of Statistics Malaysia  
**Tel** : +603-8090 4681  
**Fax** : +603-8888 9248  
**Email** : baharudin[at]dosm.gov.my

**Copyright ©2026 Department of Statistics Malaysia Official Portal. All Rights Reserved.**