



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.

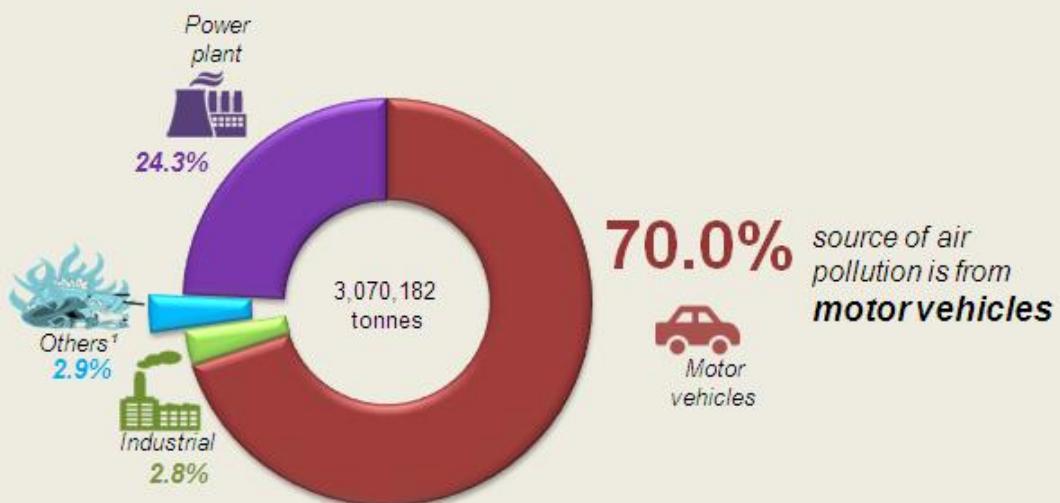
- **LAND**

In 2015, 18.3 million hectares (55.2%) from the total land of Malaysia (330,345 km²) 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



70.0%
source of air
pollution is from
motor vehicles

Source: Department of Environment

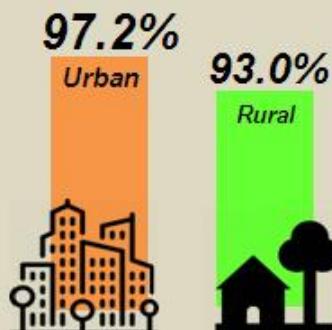
POPULATION SERVED WITH PIPED WATER

The production volume
of water supplied


16,159
million litres per
day

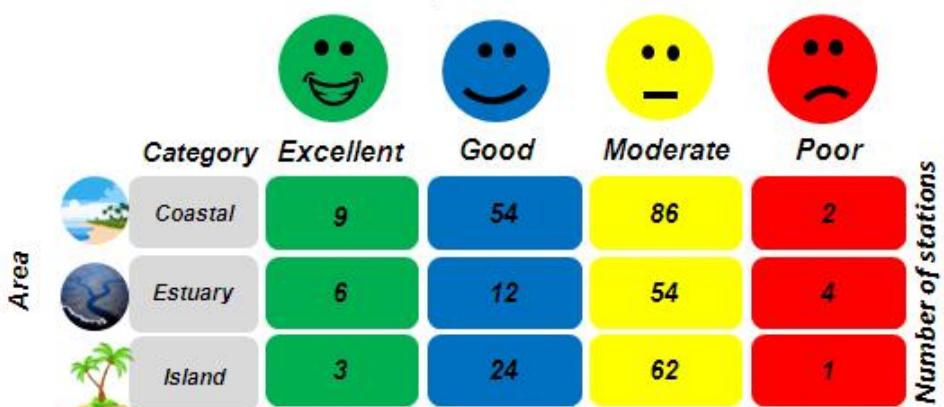


95.5% Malaysia's
population served
with piped water



Source: National Water Services Commission

STATUS OF MARINE WATER QUALITY BASED ON MARINE WATER QUALITY INDEX



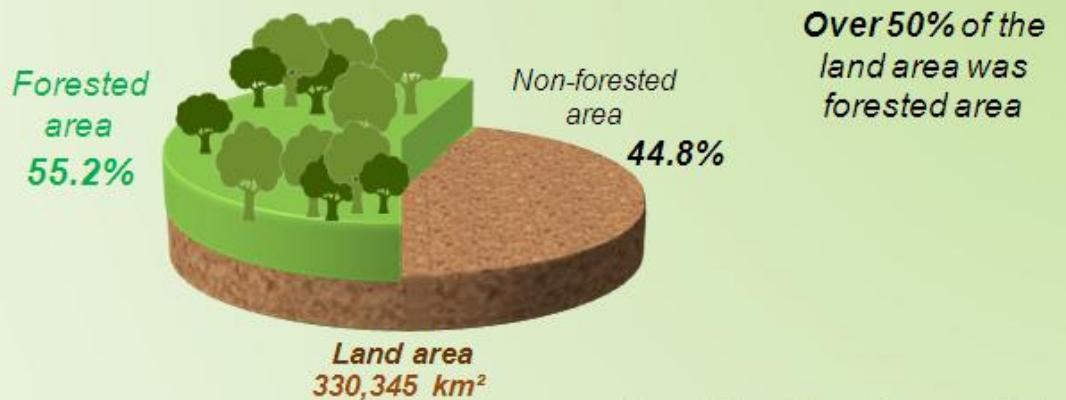
Most of the
stations
recorded
Moderate
readings

Source: Department of Environment

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



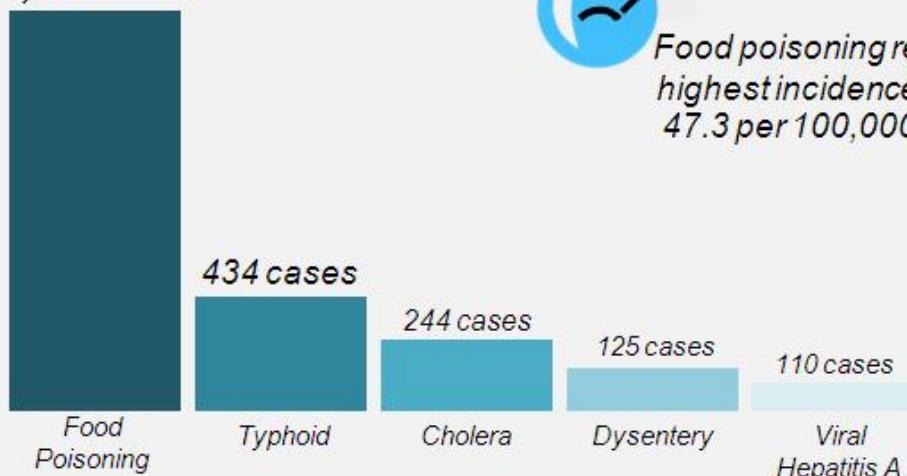
FORESTED AND NON-FORESTED AREA, MALAYSIA



Over 50% of the land area was forested area

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

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

Malaria



2,311 cases

Haemorrhagic dengue fever



1,040 cases

Source: Ministry of Health Malaysia

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



Released By:

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