LIVE BIRTHS

The number of live births declines in 2016

The number of live births recorded in 2016 was 508,203 babies with a decrease of 2.5 per cent as compared to 2015 (521,136). The crude birth rate declined from 16.7 (2015) to 16.1 (2016) per 1,000 population.

Male babies more than female babies

Male babies born in 2016 were 262,755 (51.7%) which is 17,307 more than female babies (245,448, 48.3%). However, the crude birth rate for both sexes was 16.1 per 1,000 population.

W.P. Putrajaya recorded the highest crude birth rate

The highest crude birth rate by state in 2016 was recorded by W.P. Putrajaya (30.4) while the lowest was Pulau Pinang at 12.7 per 1,000 population.

Chart 1: Crude birth rate by state, Malaysia, 2015 and 2016

Julau district recorded the highest crude birth rate

Julau district in Sarawak recorded the highest crude birth rate in 2016 with 26.9 per 1,000 population followed by Marang, Terengganu (24.8) and Kuala Terengganu, Terengganu (24.4). Meanwhile, Selangau district in Sarawak recorded the lowest crude birth rate with 12.7 per 1,000 population.
birth rate of 1.9 per 1,000 population followed by Kinabatangan, Sabah (3.9) and Pakan, Sarawak (6.2).

**FERTILITY**

The total fertility rate in 2016 is below the replacement level

In 2016, the total fertility rate per woman aged 15-49 was 1.9 babies, a decrease from 2.0 babies (2015). The total fertility rate in Malaysia has been below replacement level 2.1, that is the average number of babies born per woman throughout her reproductive life has been insufficient to replace herself and her partner.

Women aged 30 to 34 years recorded the highest fertility rate in 2016 with 120 births per 1,000 women in the same age group.

**DEATHS**

The number of deaths in 2016 increased by 4.1 per cent

There were 162,201 deaths recorded in 2016, 4.1 per cent more than the number recorded in 2015 (155,786). The crude death rate increased from 5.0 (2015) to 5.1 (2016) per 1,000 population. The crude death rate for males and females in 2016 showed an increase as compared to 2015 from 5.6 to 5.7 and 4.4 to 4.5 per 1,000 population respectively.

Perlis recorded the highest crude death rate

The highest crude death rate by state was recorded by Perlis at 7.5 while the lowest was W.P. Putrajaya at 1.9 per 1,000 population.

**Chart 2: Crude death rate by state, Malaysia, 2015 and 2016**

Kuala Penyu district recorded the highest crude death rate in 2016

Kuala Penyu district in Sabah recorded the highest crude death rate in 2016 with 9.8 per 1,000 population followed by Julau, Sarawak (9.2) and Pendang, Kedah (8.8). Meanwhile, Kinabatangan district in Sabah recorded the lowest crude death rate with 0.8 per 1,000 population followed by Belaga, Sarawak (2.1) and Kunak, Sabah (2.2).

**NATURAL INCREASE**

The number of natural increase in 2016 decreased by 5.3 per cent

The number of natural increase recorded in 2016 was 346,002 people with a decrease of 5.3 per cent as compared to 2015 (365,350). The crude rate of natural increase declined from 11.7 (2015) to 10.9 (2016) per 1,000 population.
The crude rate of natural increase for males and females in 2016 showed a decline as compared to 2015 from 11.2 to 10.3 and 12.3 to 11.6 per 1,000 population respectively.

**STILLBIRTHS**

**Stillbirth rate rise in 2016**

The number of stillbirths in 2016 recorded an increase as compared to 2015 i.e. from 2,325 to 2,648 babies. This increase contributed to the rise in stillbirth rate from 4.4 (2015) to 5.2 (2016) per 1,000 births.
VITAL STATISTICS MALAYSIA, 2017

**Live Births** 508,203
- 3 babies born per 3 minutes
- 58 babies born per hour
- 1,392 babies born per day

**Deaths** 162,201
- 1 death per 3 minutes
- 19 deaths per hour
- 444 deaths per day

**Natural Increase** 346,002
- 2 persons per 3 minutes
- 39 persons per hour
- 948 persons per day

**Note:** The difference is due to rounding

**Live Births by Sex**
- 48.3% (245,448)
- 51.7% (262,755)

Sex ratio at live births is 107 male babies per 100 female babies

**Fertility**
- 1.9 babies born per women aged 15–49 years old

The **lowest** fertility rate ever recorded

**Age of Mother**
- 27.7 years

Mean age of mother at first live births

**Stillbirth**
- 5.2 stillbirth per 1,000 births

Births after 28 completed weeks or more of gestation without any sign of life during delivery

Note: Figures refer to 2016 (final)
**DEATH BY SEX**

The percentage of male deaths higher than female deaths

42.2% (68,503) 57.8% (93,698)

**CHILD MORTALITY**

4,133 deaths involving infants and children aged below five years old

<table>
<thead>
<tr>
<th>Category</th>
<th>Deaths per 1,000 births</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERINATAL &lt; 7 days (including stillbirth)</td>
<td>8.3 deaths per 1,000 births</td>
</tr>
<tr>
<td>NEONATAL &lt; 28 days</td>
<td>4.2 deaths per 1,000 live births</td>
</tr>
<tr>
<td>INFANT &lt; 1 year</td>
<td>6.7 deaths per 1,000 live births</td>
</tr>
<tr>
<td>TODDLER 1 – 4 years</td>
<td>0.4 deaths per 1,000 population 1-4 years old</td>
</tr>
<tr>
<td>UNDER FIVE &lt; 5 years</td>
<td>8.1 deaths per 1,000 live births</td>
</tr>
</tbody>
</table>

**MATERNAL MORTALITY**

29.1 maternal deaths per 100,000 live births

*Death of a pregnant woman, during childbirth or until 42 days after delivery*

Note: Figures refer to 2016 (final)