i. Five principal causes of death

- Ischaemic heart diseases remained as the principal causes of death

Ischaemic heart diseases remained as the principal causes of death, 15.0 per cent of the 109,164 medically certified deaths in 2019. This was followed by Pneumonia (12.2%), Cerebrovascular diseases (8.0%), Transport accidents (3.8%) and Malignant neoplasm of trachea, bronchus and lung (2.4%).

![Bar chart showing the percentage of deaths by cause for 2018 and 2019]

- 2018
- 2019
ii. Five principal causes of death by sex

- **Ischaemic heart diseases remained as the principal causes of death for males**

  Ischaemic heart diseases remained as the principal causes of death for males (17.3% in 2019). This is followed by Pneumonia (11.6%), Cerebrovascular diseases (7.5%), Transport accidents (5.5%) and Malignant neoplasm of trachea, bronchus and lung (2.7%).

- **Pneumonia remained as the principal causes of death for females**

  Pneumonia remained as the principal causes of death for females at 13.2 per cent, followed by Ischaemic heart diseases (11.4%), Cerebrovascular diseases (8.7%), Malignant neoplasm of breast (4.3%) and Diabetes mellitus (2.4%).
iii. Five principal causes of death by stratum

The principal causes of death in urban and rural areas in 2019 was Ischaemic heart diseases, recorded 15.2 per cent and 14.5 per cent, respectively.

<table>
<thead>
<tr>
<th>Year</th>
<th>Urban</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Ischaemic heart diseases</td>
<td>Ischaemic heart diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.9%</td>
<td>15.2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pneumonia</td>
<td>Pneumonia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11.5%</td>
<td>12.0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cerebrovascular diseases</td>
<td>Cerebrovascular diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7.3%</td>
<td>7.6%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Transport accidents</td>
<td>Transport accidents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5%</td>
<td>3.6%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Malignant neoplasm of trachea, bronchus and lung</td>
<td>Malignant neoplasm of trachea, bronchus and lung</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.6%</td>
<td>2.5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Rural</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Ischaemic heart diseases</td>
<td>Ischaemic heart diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.0%</td>
<td>14.5%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pneumonia</td>
<td>Pneumonia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12.3%</td>
<td>12.7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cerebrovascular diseases</td>
<td>Cerebrovascular diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.7%</td>
<td>8.7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Transport accidents</td>
<td>Transport accidents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.2%</td>
<td>4.3%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chronic lower respiratory diseases</td>
<td>Chronic lower respiratory diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.7%</td>
<td>2.9%</td>
</tr>
</tbody>
</table>
iv. Five principal causes of death by major ethnic group

- **Ischaemic heart diseases remained as the principal causes of death for Bumiputera**

  Ischaemic heart diseases remained as the principal causes of death for Bumiputera at 14.5 per cent, followed by Pneumonia (12.4%), Cerebrovascular diseases (8.4%), Transport accidents (4.3%) and Chronic lower respiratory diseases (2.4%).

- **Ischaemic heart diseases remained as the principal causes of death for Chinese**

  Ischaemic heart diseases remained as the principal causes of death for Chinese at 14.0 per cent, followed by Pneumonia (12.2%), Cerebrovascular diseases (7.5%), Malignant neoplasm of trachea, bronchus and lung (3.7%) and Malignant neoplasm of colon, rectum and anus (2.8%).

- **Ischaemic heart diseases remained as the principal causes of death for Indians**

  Ischaemic heart diseases remained as the principal causes of death for Indians at 20.4 per cent followed by Pneumonia (10.9%), Cerebrovascular diseases (6.1%), Transport accidents (5.1%) and Diseases of the liver (2.7%).

v. Five principal causes of death for maternal

- **Postpartum haemorrhage recorded as the principal causes of death for maternal**

  Postpartum haemorrhage was recorded as the principal causes of death for maternal in 2019 at 17.5 per cent followed by Obstetric embolism (12.6%), Eclampsia (9.7%), Ectopic pregnancy (5.8%) and Puerperal sepsis (5.8%).
vi. Five principal causes of death for infant

- Certain conditions originating in the perinatal period remained as the principal causes of death for infant

Certain conditions originating in the perinatal period remained as the principal causes of death for infant in 2019 at 42.0% followed by Congenital malformations, deformations and chromosomal abnormalities (31.1%), Pneumonia (2.0%), Meningitis (0.6%) and Chronic lower respiratory diseases (0.6%).

<table>
<thead>
<tr>
<th>Year</th>
<th>Certain conditions originating in the perinatal period</th>
<th>Congenital malformations, deformations and chromosomal abnormalities</th>
<th>Pneumonia</th>
<th>Meningitis</th>
<th>Chronic lower respiratory diseases</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>42.0%</td>
<td>31.1%</td>
<td>2.0%</td>
<td>0.6%</td>
<td>0.6%</td>
</tr>
<tr>
<td>2018</td>
<td>41.8%</td>
<td>30.9%</td>
<td>3.1%</td>
<td>0.8%</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

1. Certain conditions originating in the perinatal period
2. Congenital malformations, deformations and chromosomal abnormalities
3. Pneumonia
4. Meningitis
5. Chronic lower respiratory diseases
Statistics on Causes of Death, Malaysia, 2020

5 Principal Causes of Death 2019

1. Ischaemic heart diseases 15.0%
2. Pneumonia 12.2%
3. Cerebrovascular diseases 8.0%
4. Transport accidents 3.8%
5. Malignant Neoplasm of trachea, bronchus and lung 2.4%

Total 16,325

11,330 (69.4%)
4,995 (30.6%)

The principal causes of death by age group

- Transport accidents 3.3% (0-14 years)
- Transport accidents 20.6% (15-40 years)
- Ischaemic heart diseases 18.0% (41-59 years)
- Ischaemic heart diseases 16.0% (60 years and over)

The principal causes of death by ethnic groups

- Bumiputera 14.5%
- Chinese 14.0%
- Indians 20.4%

The principal causes of maternal death

Postpartum haemorrhage 17.5%

Note: The analysis is based on medically certified causes of death

Source: Statistics on Causes of Deaths, Malaysia, 2020
Department of Statistics Malaysia

Scan the QR code to see interesting info

https://bppd-dosm.netlify.app/
Top three administrative districts that recorded causes of death due to ischaemic heart diseases

**JOHOR**
- Johor Bahru: 659
- Batu Pahat: 625
- Muar: 233

**KEDAH**
- Kuala Muda: 388
- Kota Jetar: 231
- Kulim: 206

**KELANTAN**
- Kota Bharu: 404
- Tumpat: 109
- Pasir Pekan: 139

**MELAKA**
- Melaka Tengah: 360
- Alor Gajah: 153
- Jasin: 146

**NEGERI SEMBILAN**
- Seremban: 363
- Tampin: 84
- Port Dickson: 83

**PAHANG**
- Kuantan: 118
- Temerloh: 108
- Maran: 78

**PERAK**
- Kinta: 612
- Larut Matang: 370
- Manjung: 224

**PULAU PINANG**
- Timur Laut: 653
- S.P. Tengah: 232
- S.P. Utara: 226

**SABAH**
- Kota Kinabalu: 57
- Sandakan: 57
- Tawau: 49

**SARAWAK**
- Kuching: 167
- Mitai: 82
- Bintulu: 59

**SELANGOR**
- Pahang: 835
- Ulu Langat: 640
- Klang: 461

**TERENGGANU**
- Besut: 137
- K. Terengganu: 113
- Dungun: 98

**PERLIS**
- 180

**W.P. KUALA LUMPUR**
- 828

**W.P. LABUAN**
- 22

**W.P. PUTRAJAYA**
- 24

*Notes:
P.D.: Sekretariat Permai
K.: Kuarisma
W.P.: Wilayah Persekutuan

*Source: Statistics on Causes of Death, Malaysia, 2020
Department of Statistics Malaysia*
 Released By:

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26 November 2020

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