Assam: Disease Burden Profile, 1990 to 2016

1990 life expectancy
Females: 56.6 years  Males: 55.6 years

2016 life expectancy
Females: 66.9 years  Males: 63.5 years

How much did the under-5 mortality rate change from 1990 to 2016?
Under-5 mortality rate, both sexes combined, 1990-2016

What caused the most deaths in different age groups in 2016?
Percent contribution of top 10 causes of death by age group, both sexes, 2016
Proportion of total disease burden from:
Premature death: 71.3% | Disability or morbidity: 28.7%

What caused the most years of life lost, by sex, in 2016?
Top 15 causes of YLLs, ranked by percent for both sexes combined, 2016

What caused the most years lived with disability, by sex, in 2016?
Top 15 causes of YLDs, ranked by percent for both sexes combined, 2016

*COPD is chronic obstructive pulmonary disease.
*Sense organ diseases includes mainly hearing and vision loss.
Proportion of total disease burden from:
CMNNDs: 38.5% | NCDs: 51.2% | Injuries: 10.3%

How have the leading causes of death and disability combined changed from 1990 to 2016?
Change in top 15 causes of DALYs, both sexes, ranked by number of DALYs, 1990–2016

Leading causes of DALYs 1990
1. Diarrhoeal diseases [14.0%]
2. Lower respiratory infections [7.9%]
3. Tuberculosis [5.6%]
4. Preterm birth complications [4.9%]
5. Measles [4.7%]
6. Other neonatal disorders [4.1%]
7. COPD† [3.4%]
8. Neonatal encephalopathy [3.2%]
9. Stroke [3.0%]
10. Iron-deficiency anaemia [2.4%]
11. Ischaemic heart disease [1.7%]
12. Self-harm§ [1.6%]
13. Asthma [1.5%]
14. Malaria [1.4%]
15. Intestinal infectious diseases [1.4%]

Leading causes of DALYs 2016
1. Diarrhoeal diseases [5.8%]
2. Stroke [5.6%]
3. Lower respiratory infections [5.1%]
4. COPD† [4.1%]*
5. Ischaemic heart disease [4.1%]
6. Preterm birth complications [3.8%]*
7. Tuberculosis [3.8%]
8. Iron-deficiency anaemia [3.7%]
9. Other neonatal disorders [2.4%]
10. Sense organ diseases ‡ [2.3%]
11. Road injuries [2.3%]
12. Self-harm§ [2.2%]*
13. Hepatitis [2.1%]
14. Neonatal encephalopathy [2.1%]
15. Diabetes [2.0%]
16. Asthma [1.2%]*
17. Malaria [1.2%]*
18. Intestinal infectious diseases [0.9%]
19. Measles [0.6%]

*Change not significant.
The percent figure in brackets next to each cause is DALYs from that cause out of total DALYs.

† COPD is chronic obstructive pulmonary disease.
‡ Sense organ diseases includes mainly hearing and vision loss.
§ Self-harm refers to suicide and the nonfatal outcomes of self-harm.

What caused the most death and disability combined across age groups in 2016?
Percent of DALYs by age group, both sexes, 2016

Communicable, maternal, neonatal, and nutritional diseases
Non-communicable diseases
Injuries
same or increase
decrease
What risk factors are driving the most death and disability combined?

Contribution of top 10 risks to DALYs number, both sexes, ranked by number of DALYs, 1990-2016

- **Malnutrition** is child and maternal malnutrition.
- **WaSH** is unsafe water, sanitation, and handwashing.

### Risk factors 1990

<table>
<thead>
<tr>
<th>Risk Factor</th>
<th>DALYs 1990</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malnutrition*</td>
<td>35.4%</td>
</tr>
<tr>
<td>WaSH*</td>
<td>14.1%</td>
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<tr>
<td>Air pollution</td>
<td>9.3%</td>
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<tr>
<td>Tobacco use</td>
<td>4.4%</td>
</tr>
<tr>
<td>Dietary risks</td>
<td>3.7%</td>
</tr>
<tr>
<td>High blood pressure</td>
<td>3.6%</td>
</tr>
<tr>
<td>High fasting plasma glucose</td>
<td>2.1%</td>
</tr>
<tr>
<td>Alcohol &amp; drug use</td>
<td>2.0%</td>
</tr>
<tr>
<td>Occupational risks</td>
<td>1.9%</td>
</tr>
<tr>
<td>Impaired kidney function</td>
<td>1.3%</td>
</tr>
<tr>
<td>High body-mass index</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

### Risk factors 2016

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<th>Risk Factor</th>
<th>DALYs 2016</th>
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</thead>
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<tr>
<td>Malnutrition*</td>
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</table>

The percent figure in bracket next to each risk is DALYs from that risk out of total DALYs.

How did the risk factors differ by sex in 2016?

Percent of total DALYs attributable to top 10 risks, ranked by percent for both sexes combined, 2016

- **Malnutrition** is child and maternal malnutrition.
- **WaSH** is unsafe water, sanitation, and handwashing.