Appendix 3: List of abbreviations, and age-specific mortality probabilities between ages 30 and 70, by source, sex, and state.

List of abbreviations

• 5q0: Probability of death between ages 0 and 5
• 45q15: Probability of death between ages 15 and 60
• 40q30: Probability of death between ages 30 and 70
• CRS: Civil Registration System
• CRVS: Civil Registration and Vital Statistics
• GBD: Global Burden of Disease
• IHME: Institute of Health Metrics and Evaluation
• LE: Life expectancy
• Log-Quad: Log-Quadratic Mortality Model
• MODMATCH: Modified Logit Life Table System
• NBE: National Burden of Disease Estimates
• NCDs: Non-Communicable Diseases
• NCP: National Commission on Population
• NFHS: National Family Health Survey
• SRS: Sample Registration System
• SVD-Comp: Singular Value Decomposition Mortality Model
• UNSDGs: United Nations Sustainable Development Goals
Appendix 3A: Mortality probabilities by place, source, and sex

Adult mortality probability in Andhra Pradesh

Male

Female

Appendix 3B: Mortality probabilities by place, source, and sex

Adult mortality probability in Assam

Male

Female

mortality probability (qX)

0

0.1

0.2

0.3

30

40

50

60

CRS

GBD

MODMATCH

NBE

NFHS

SRS
**Appendix 3C: Mortality rates by place, source, and sex**

**Adult mortality probability in Bihar**

*Male*

*Female*

---

Appendix 3D: Mortality probabilities by place, source, and sex

Adult mortality probability in Chhattisgarh

Male

Female
Appendix 3E: Mortality probabilities by place, source, and sex

Adult mortality probability in Gujarat

Male

Female

mortality probability, \( q_x \)

30  40  50  60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3F: Mortality probabilities by place, source, and sex

Adult mortality probability in Haryana

Male

Female

mortality probability, $q_x$

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3G: Mortality rates by place, source, and sex

Adult mortality probability in Himachal Pradesh

**Male**

**Female**

---

Appendix 3H: Mortality probabilities by place, source, and sex

Adult mortality probability in Jammu and Kashmir

Male

Female

- CRS
- GBD
- MODMATCH
- NBE
- NFHS
- SRS
Appendix 3I: Mortality rates by place, source, and sex

Adult mortality probability in Jharkhand

Male

Female

mortality probability (qx)

30 40 50 60

CRS  GBD  MODMATCH
NBE  NFHS  SRS

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)
Appendix 3J: Mortality probabilities by place, source, and sex

Adult mortality probability in Karnataka

Male

Female

mortality probability (\(e_x\))

30 40 50 60

CRS  GBD  MODMATCH
NBE  NFHS  SRS

Appendix 3K: Mortality rates by place, source, and sex

Adult mortality probability in Kerala

Male

Female

<table>
<thead>
<tr>
<th>Source</th>
<th>Line Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRS</td>
<td>Red diamond</td>
</tr>
<tr>
<td>GBD</td>
<td>Green dashes</td>
</tr>
<tr>
<td>MODMATCH</td>
<td>Blue dashes</td>
</tr>
<tr>
<td>NBE</td>
<td>Cyan dashes</td>
</tr>
<tr>
<td>NFHS</td>
<td>Green line</td>
</tr>
<tr>
<td>SRS</td>
<td>Pink circle</td>
</tr>
</tbody>
</table>
Appendix 3L: Mortality probabilities by place, source, and sex

Adult mortality probability in Madhya Pradesh

Male

Female

mortality probability ($q_x$)

0 0.1 0.2 0.3

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3M: Mortality rates by place, source, and sex

Adult mortality risk in Maharashtra

Male

Female

mortality rate per 1,000, $m_x$ (log scale)

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3N: Mortality probabilities by place, source, and sex

Adult mortality probability in Odisha

Male

Female

Appendix 3O: Mortality probabilities by place, source, and sex

Adult mortality risk in Punjab

Male

Female

mortality rate per 1,000, \( m_x \) (log scale)

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3P: Mortality probabilities by place, source, and sex

Adult mortality probability in Rajasthan

Male

Female
Appendix 3Q: Mortality probabilities by place, source, and sex

Adult mortality probability in Tamil Nadu

Male

Female

mortality probability (x, y)

30 40 50 60

CRS  GBD  MODMATCH
NBE  NFHS  SRS
Appendix 3R: Mortality probabilities by place, source, and sex

Adult mortality probability in Telangana

Male

Female

mortality probability (\(\hat{q}_x\))

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS
Appendix 3S: Mortality probabilities by place, source, and sex

Adult mortality probability in Uttar Pradesh

Male

Female

mortality probability, $q_x$

30 40 50 60

CRS  GBD  MODMATCH  NBE  NFHS  SRS

20
Appendix 3T: Mortality probabilities by place, source, and sex

Adult mortality probability in Uttarakhand

Male

Female

Appendix 3U: Mortality probabilities by place, source, and sex

Adult mortality probability in West Bengal

Male

Female

mortality probability ($q_x$)

30 40 50 60

CRS
GBD
MODMATCH
NBE
NFHS
SRS
Appendix 3V: Mortality probabilities by place, source, and sex

Adult mortality probability in India

Male

Female