FIRST DATA SET OF ASIAM

1 Population distribution and density by province in 1990

<table>
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<th>Province</th>
<th>area in sq.km.</th>
<th>population x 1000</th>
<th>density per sq.km.</th>
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</tr>
<tr>
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2 Country indicators

### Demographic indicators

<table>
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<tr>
<th>Indicator</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Population (1994)</td>
<td>9,951,000</td>
</tr>
<tr>
<td>Annual growth (1992-2000)</td>
<td>3.1%</td>
</tr>
<tr>
<td>Crude birth rate per 1,000 population (1990)</td>
<td>41.4</td>
</tr>
<tr>
<td>Crude death rate per 1,000 population (1990)</td>
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</tr>
<tr>
<td>Under five mortality per 1,000 (1995)</td>
<td>177</td>
</tr>
<tr>
<td>Life expectancy at birth in years for males (1990)</td>
<td>47.0</td>
</tr>
<tr>
<td>Life expectancy at birth in years for females (1990)</td>
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</tr>
<tr>
<td>Infant mortality rate per 1,000 live births (1990)</td>
<td>129.7</td>
</tr>
<tr>
<td>Total fertility rate in women 15-49 years (1992)</td>
<td>4.5</td>
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</table>

### Economic indicators

<table>
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<tr>
<th>Indicator</th>
<th>Value</th>
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<tr>
<td>Per capita income 1989</td>
<td>US$ 160</td>
</tr>
<tr>
<td>Agricultural sector</td>
<td>90%</td>
</tr>
<tr>
<td>Industrial sector</td>
<td>5%</td>
</tr>
<tr>
<td>Service sector</td>
<td>5%</td>
</tr>
<tr>
<td>Import (1990)</td>
<td>US$ 130 million</td>
</tr>
<tr>
<td>Export (1990)</td>
<td>US$ 35.5 million</td>
</tr>
<tr>
<td>Government expenditure as % of GNP</td>
<td>14%</td>
</tr>
<tr>
<td>Government income as % of GNP</td>
<td>7%</td>
</tr>
<tr>
<td>Foreign debt (1987)</td>
<td>US$ 600 million</td>
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### 3 Health facilities and personnel

#### Facilities (1988)

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<tr>
<td></td>
<td>Number</td>
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<td>4,568</td>
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<tr>
<td>District level</td>
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<td>5,759</td>
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<tr>
<td>Commune level</td>
<td>1,341</td>
<td>5,565</td>
</tr>
<tr>
<td>Total</td>
<td>1,529</td>
<td>18,017</td>
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#### Type of personnel

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<tr>
<th>Type of personnel</th>
<th>Years of training</th>
<th>Number</th>
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<tr>
<td>Medical doctors</td>
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<td>705</td>
</tr>
<tr>
<td>Dentists</td>
<td>5</td>
<td>36</td>
</tr>
<tr>
<td>Dental assistants</td>
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<td>172</td>
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<tr>
<td>Pharmacists</td>
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<td>262</td>
</tr>
<tr>
<td>Secondary pharmacists</td>
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<td>68</td>
</tr>
<tr>
<td>Pharmacists “mixer”</td>
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<td>80</td>
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<tr>
<td>Medical assistants</td>
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<tr>
<td>State nurses</td>
<td>-</td>
<td>1,876</td>
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<tr>
<td>Primary nurses</td>
<td>-</td>
<td>3,801</td>
</tr>
<tr>
<td>State midwives</td>
<td>-</td>
<td>855</td>
</tr>
<tr>
<td>Primary midwives</td>
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<td>1,776</td>
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<tr>
<td>Laboratory technicians</td>
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<td>Physiotherapists</td>
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<td>18</td>
</tr>
<tr>
<td>Total</td>
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Prevalence of tuberculous infection in schoolchildren aged 5-9 years, in four provinces in 1970

<table>
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<tr>
<th>Province</th>
<th>% positive reactions</th>
<th>Estimated annual risk of infection</th>
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<td>1</td>
<td>36.7</td>
<td>4.7</td>
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<td>33.3</td>
<td>4.3</td>
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<td>25.3</td>
<td>3.3</td>
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<td>4</td>
<td>21.0</td>
<td>2.7</td>
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</table>
### Results of tuberculosis sampling surveys

<table>
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<tr>
<th>Year</th>
<th>Province</th>
<th>Survey population</th>
<th>number of smear-positive cases</th>
<th>smear-positive cases per 1,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>1981</td>
<td>1</td>
<td>1,506</td>
<td>6</td>
<td>4.0</td>
</tr>
<tr>
<td>1981</td>
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<td>2,596</td>
<td>12</td>
<td>4.6</td>
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<tr>
<td>1982</td>
<td>2</td>
<td>3,160</td>
<td>7</td>
<td>2.2</td>
</tr>
<tr>
<td>1988</td>
<td>2</td>
<td>3,369</td>
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<td>3.0</td>
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<tr>
<td>1982</td>
<td>3</td>
<td>3,534</td>
<td>19</td>
<td>5.4</td>
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<tr>
<td>1988/89</td>
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<td>4,575</td>
<td>23</td>
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<tr>
<td>1983</td>
<td>4</td>
<td>4,161</td>
<td>23</td>
<td>5.5</td>
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<tr>
<td>1983</td>
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<td>6,700</td>
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<tr>
<td>1984</td>
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<td>6.1</td>
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<td>1984</td>
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<td>4,165</td>
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</tr>
<tr>
<td>1988/89</td>
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<td>6,408</td>
<td>54</td>
<td>8.4</td>
</tr>
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<td>1985</td>
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<td>1988/89</td>
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<td>5,324</td>
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<tr>
<td>1988/89</td>
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<td>5,500</td>
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<td>3.6</td>
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<td>1988/89</td>
<td>9</td>
<td>6,404</td>
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</table>
6  Tuberculosis cases reported from 1980 to 1991

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of suspects</th>
<th>number of new smear-positive cases</th>
<th>number of cases, all forms, started on treatment</th>
</tr>
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<tbody>
<tr>
<td>1980</td>
<td>6,337</td>
<td>571</td>
<td>2,576</td>
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<tr>
<td>1981</td>
<td>7,115</td>
<td>630</td>
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<td>26,973</td>
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<td>8,158</td>
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<td>1983</td>
<td>38,313</td>
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<td>7,572</td>
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<td>1984</td>
<td>34,627</td>
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<td>10,241</td>
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<td>10,145</td>
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<td>43,855</td>
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<td>1987</td>
<td>43,044</td>
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<td>9,106</td>
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<td>40,522</td>
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<td>10,691</td>
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<td>1998</td>
<td>26,895</td>
<td>5,842</td>
<td>7,906</td>
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<tr>
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<td>22,453</td>
<td>5,132</td>
<td>6,501</td>
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<tr>
<td>1991</td>
<td>38,868</td>
<td>8,507</td>
<td>10,903</td>
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7  Numbers and rates per 100,000 of new smear-positive cases and cases all forms reported in 1991 by province

<table>
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<tr>
<th>Province</th>
<th>Number of new smear-positive cases</th>
<th>Rate of new smear-positive cases per 100,000 population</th>
<th>Number of cases, all forms, of tuberculosis</th>
<th>Rate of cases, all forms, of tuberculosis, per 100,000 population</th>
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<tr>
<td>1</td>
<td>163</td>
<td>220</td>
<td>185</td>
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<td>567</td>
<td>200</td>
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<tr>
<td>4</td>
<td>968</td>
<td>151</td>
<td>1,093</td>
<td>171</td>
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<td>678</td>
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<td>663</td>
<td>151</td>
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<td>7</td>
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<td>406</td>
<td>171</td>
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<td>397</td>
<td>108</td>
<td>678</td>
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<td>877</td>
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<td>535</td>
<td>99</td>
<td>663</td>
<td>122</td>
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<tr>
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<td>639</td>
<td>77</td>
<td>790</td>
<td>96</td>
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<tr>
<td>17</td>
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8  Characteristics of new patients in 1991

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<th>Capital City</th>
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<td>%</td>
<td>Number</td>
<td>%</td>
</tr>
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<td>Total</td>
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<td>2,175</td>
<td>100</td>
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<td></td>
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<td>1,783</td>
<td>81.9</td>
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<td>185</td>
<td>8.5</td>
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<td>Extra-pulmonary</td>
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<td>4.5</td>
<td>207</td>
<td>9.5</td>
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<td>1,279</td>
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<td>896</td>
<td>41.2</td>
</tr>
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<td>Age (smear-positive only)</td>
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</tr>
<tr>
<td>0-14</td>
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<td>11</td>
<td>0.6</td>
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<td>41.5</td>
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<td>35.9</td>
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9 Results of treatment of 622 new smear-positive cases started on first line treatment in 1991 in 11 centres in Asiam

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<th>3SHZ/9S₂H₂</th>
<th>Cured</th>
<th>Treatment Completed</th>
<th>Died</th>
<th>Failure</th>
<th>Out of Control</th>
<th>Transferred</th>
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<td>%</td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
</tr>
<tr>
<td>I</td>
<td>33</td>
<td>11 33%</td>
<td>4</td>
<td>11%</td>
<td>3   9%</td>
<td>-</td>
</tr>
<tr>
<td>II</td>
<td>69</td>
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<td>8</td>
<td>12%</td>
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<tr>
<td>III</td>
<td>24</td>
<td>22 92%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IV</td>
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<td>22 73%</td>
<td>-</td>
<td>-</td>
<td>4   13%</td>
<td>-</td>
</tr>
<tr>
<td>V</td>
<td>25</td>
<td>3 12%</td>
<td>12</td>
<td>48%</td>
<td>1   4%</td>
<td>-</td>
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<tr>
<td>VI</td>
<td>77</td>
<td>33 43%</td>
<td>3</td>
<td>4%</td>
<td>3   4%</td>
<td>1</td>
</tr>
<tr>
<td>VII</td>
<td>28</td>
<td>15 54%</td>
<td>3</td>
<td>11%</td>
<td>1   4%</td>
<td>-</td>
</tr>
<tr>
<td>VIII</td>
<td>31</td>
<td>15 48%</td>
<td>5</td>
<td>16%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IX</td>
<td>54</td>
<td>5 9%</td>
<td>5</td>
<td>9%</td>
<td>2   4%</td>
<td>2</td>
</tr>
<tr>
<td>X</td>
<td>132</td>
<td>71 54%</td>
<td>6</td>
<td>5%</td>
<td>7   5%</td>
<td>1</td>
</tr>
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10 Functional and total number of anti-tuberculosis centers by province in 1992

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