

# India

| Effect of enhanced investment scenario*                  |               |                                 |  |   |              |
|--|---------------|---------------------------------|--|---|--------------|
|  | Baseline 2011 | Constant coverage scenario 2035 | Enhanced investment scenario with R&D 2035 | Events averted by enhanced investment in 2035 |              |
|  |               |                                 |  | a   | b            |
| <b>Reproductive, maternal, newborn, and child health</b> |               |                                 |  |   |              |
| Births   | 28,239        | 32,605                          | 25,031                                     | 7,574   | 7,574        |
| Total fertility rate                                     | 2.6           | 2.6                             | 2.1  | *   | *            |
| Maternal deaths  | 57            | 65                              | 13   | 53  | 53           |
| Stillbirths  | 611           | 706                             | 207  | 499   | 264          |
| Total under-5 child deaths                               | 1,778         | 2,048                           | 291  | 1,758   | 932          |
| Under-5 mortality rate                                   | 63            | 63                              | 12   | *   | *            |
| Maternal mortality ratio                                 | 200           | 200                             | 50   | *   | *            |
| <b>Tuberculosis</b>                                      |               |                                 |  |   |              |
| New cases  | 2,235         | 1,954                           | 577  | 1,377   | 1,377        |
| Deaths   | 349           | 305                             | 34   | 271   | 271          |
| <b>HIV/AIDS</b>  |               |                                 |  |   |              |
| New infections   | 117           | 137                             | 14   | 122   | 122          |
| Deaths in people aged 5 years and over                   | 168           | 125                             | 9  | 115   | 115          |
| <b>Total deaths</b>                                      | <b>2,937</b>  | <b>3,228</b>                    | <b>554</b>                                 | <b>2,696</b>                                  | <b>1,635</b> |

## \*Effect of enhanced investment scenario

For births, stillbirths, cases, deaths, and infections, the annual rate is in thousands. The results have been rounded. R&D=research and development. \*Events averted in 2035 is defined as the difference between the constant coverage scenario in 2035 and the enhanced investment scenario with R&D in 2035 (ie, enhanced investment including scale up of new tools developed by R&D). Column A includes stillbirths and child deaths averted because a pregnancy was averted-ie, column A includes potential deaths among individuals who never existed. Column B excludes these deaths-ie, column B shows only deaths associated with pregnancies that did actually occur. The total fertility rate is expressed as the number of births expected per woman at the then-prevailing age-specific mortality and fertility rates. The under-5 mortality rate is defined as the probability of dying between birth and 5 years of age at the age-specific mortality rates of the indicated year (denoted by demographers as 5q0). The maternal mortality ratio is the number of women who die during pregnancy and childbirth, per 100,000 livebirths.

| Incremental costs of enhanced investment scenario <sup>^</sup>    |                           |                           |                           |                                |                                |
|---|---------------------------|---------------------------|---------------------------|--------------------------------|--------------------------------|
| US \$ Million   | Incremental costs<br>2015 | Incremental costs<br>2025 | Incremental costs<br>2035 | Incremental costs<br>2016-2025 | Incremental costs<br>2026-2035 |
| <b>Programmatic investment (scaling up current interventions)</b> |                           |                           |                           |                                |                                |
| Family planning   | 92                        | 104                       | 90                        | 864                            | 1,012                          |
| Maternal and neonatal health                                      | 782                       | 2,447                     | 4,256                     | 15,639                         | 34,846                         |
| Immunization  | 270                       | 1,851                     | 2,521                     | 12,797                         | 22,502                         |
| Treatment of childhood illness                                    | 411                       | 2,533                     | 3,174                     | 15,139                         | 29,537                         |
| Malaria   | 1,951                     | 2,796                     | 4,006                     | 23,760                         | 34,328                         |
| Tuberculosis  | 1,257                     | 817                       | 907                       | 9,247                          | 8,387                          |
| HIV/AIDS  | 241                       | 776                       | 1,382                     | 4,972                          | 10,927                         |
| <b>Subtotal</b>   | <b>5,003</b>              | <b>11,324</b>             | <b>16,336</b>             | <b>82,417</b>                  | <b>141,539</b>                 |
| <b>Health system strengthening</b>                                |                           |                           |                           |                                |                                |
| Incremental investment  | 13,304                    | 10,210                    | 11,389                    | 106,154                        | 108,653                        |
| <b>Programmatic investment (scaling up new tools)</b>             |                           |                           |                           |                                |                                |
| All new tools and interventions                                   | 2,873                     | 3,379                     | 4,351                     | 29,590                         | 39,259                         |
| <b>Total investment</b>   | <b>21,180</b>             | <b>24,914</b>             | <b>32,076</b>             | <b>218,161</b>                 | <b>289,451</b>                 |
| <b>Ratios</b>   |                           |                           |                           |                                |                                |
| Cost per death averted (\$)                                       | 16,597                    | 10,575                    | 11,984                    | 10,857                         | 11,412                         |
| Population (M)  | 1,354                     | 1,498                     | 1,633                     | 14,333                         | 15,739                         |
| Incremental cost per capital (\$)                                 | 15.65                     | 16.63                     | 19.65                     | 15.22                          | 18.39                          |

**<sup>^</sup>Incremental costs of enhanced investment scenario**

Population is total, not incremental. Treatment of childhood illness excludes malaria costs, TB costs exclude ART for HIV+ TB patients. Scale up of new products assumed to increase reduction in annual mortality and infection rates by incremental 2%.





