

# Burkina Faso

|                     |   |        |  |            |
|---------------------|---|--------|--|------------|
| Country indicators* | Population (000s)                                 | 16,460 | Total health expenditure (%GDP)                    | 6.5        |
|                     | GNI per capita (PPP Int \$)                       | 1,490  | ICT Development Index rank                         | 154        |
|                     | Physician density (per 10 000 population)         | 0.05   | Mobile-cellular subscriptions (% inhabitants)      | 60.61      |
|                     | Nurse and midwife density (per 10 000 population) | 0.57   | Internet users (% of individuals)                  | 3.7        |
|                     | Hospital bed density (per 10 000 population)      | 4      | Maternal mortality ratio (per 100 000 live births) | 300        |
|                     | Life expectancy at birth (years)                  | 56     | Infant mortality rate (per 100 000 live births)    | 28 [17-46] |

## eHealth policy/strategy

Status of eHealth and women's and children's health policy/strategy

|   |     |
|---|-----|
| National eHealth policy/strategy exists                                       | No  |
| Year adopted  |     |
| Implementation status   |     |
| Refers to the use of eHealth in women's and children's health policy/strategy | Yes |
| Special funding allocated for implementation                                  | No  |
| <b>Women's and children's health</b>  |     |
| National policy/strategy for women's and children's health exists             | Yes |
| Policy/strategy refers to the use of eHealth, mHealth or social media         | Yes |

## eHealth systems

An overview of the types of eHealth systems in place, their purpose and level

|   |  |
|---|--|
| Electronic information system collects and reports births, deaths and causes of death data  | Yes – partial coverage                   |
| Year introduced   | 2011                                     |
| At least one electronic information system exists at the district level to collect and report health data   | Yes                                      |
| Resource tracking system in place to report total health expenditure by financing source, per capita  | Yes                                      |
| Type of resource tracking system  | Both                                     |
| Resource tracking system level  | National level, Regional/District level, |
| Resource tracking system in place to report total reproductive, maternal, newborn, and child health (RMNCH) expenditure by financing source, per capita | Yes                                      |
| Type of resource tracking system  | Both                                     |
| Resource tracking system level  | National                                 |

## Monitoring the status of women's and children's health

An overview of the measurement of the 11 CoIA indicators by monitoring frequency and format

| Indicator measured  | Monitor | Frequency     | Format: Paper, Electronic, or Both |
|---|---------|---------------|------------------------------------|
| Maternal mortality ratio  | Yes     | Every 5 years | Both                               |
| Under 5 child mortality with the proportion of newborn deaths     | Yes     | Every 5 years | Both                               |
| Children under 5 who are stunted                                  | Yes     | Every 5 years | Both                               |
| Met need for contraception  | Yes     | Every year    | Both                               |
| Antenatal care coverage   | Yes     | Every year    | Both                               |
| Prevention of mother-to-child HIV transmission (PMTCT)            | Yes     | Every year    | Both                               |
| Skilled attendant at birth  | Yes     | Every year    | Both                               |
| Postnatal care for mothers and babies                             | Yes     | Every year    | Both                               |
| Exclusive breastfeeding for six months                            | Yes     | Every year    | Both                               |
| 3 doses of the combined diphtheria, pertussis and tetanus vaccine | Yes     | Every year    | Both                               |
| Antibiotic treatment for pneumonia                                | Yes     | Every year    | Both                               |

## eHealth initiatives – national overview

|  |   |
|--|---|
| eHealth supports major women's and children's health initiatives | Yes   |
| Funding sources  | Public funding, Donor funding, Public-private partnerships, Other sources |

## Possible barriers to implementing eHealth services

The most important barriers hindering the implementation of eHealth services

|  |     |
|--|-----|
| <b>Infrastructure</b> - not yet adequate, accessible, or cost-effective to support desired services  | Yes |
| <b>Human resources</b> - lack of suitably qualified or experienced professionals who can develop and implement eHealth projects and promote their use            | Yes |
| <b>Services and applications</b> - existing eHealth services are inaccessible, unaffordable, or not appropriate for our needs                                    | Yes |
| <b>Financial</b> - limited or no reimbursement by insurance companies for services; business models not yet developed for broad and sustainable eHealth delivery | Yes |

## ICT training

|  |     |
|--|-----|
| Tertiary institutions offer ICT training for students of health sciences | Yes |
| Continuing education in ICT for health professionals                     | Yes |

## Internet health information quality

Approaches taken to ensure quality of health-related content on the Internet

|   |     |
|---|-----|
| <b>Voluntary compliance</b> - by content providers or website owners to quality criteria for health-related sites | Yes |
| <b>Government intervention</b> - laws, regulations, quality directives or guidelines                              | Yes |
| <b>Technology</b> - filters and controls  | Yes |
| <b>Official approval</b> - certification, accreditation, seals of approval, or quality seals                      | Yes |
| <b>Dedicated website(s)</b> - concerning women's & children's health  | No  |

## Online safety for children

Approaches taken by government to protect children in the online environment

|   |     |
|---|-----|
| Government provides information and education to citizens on internet safety and literacy   | Yes |
| Some initiatives are aimed specifically to protect children   | Yes |
| Safety tools and security technologies are required by law for schools, libraries and other public places where children have Internet access | Yes |
| ISPs are legally mandated to provide online safety tools to protect children  | Yes |

## Privacy and security of personal and health-related data

Legislation to protect women and children

|  |     |
|--|-----|
| Privacy laws exist to protect citizens' personal identifiable data irrespective of format (paper or digital)   | Yes |
| Privacy laws exist to protect citizens' health data held in digitized format in an Electronic Medical Record (EMR) or Electronic Health Record (EHR) | Yes |
| Parental consent required for the creation of a child's EMR/EHR  | No  |
| Parental access to a child's EMR/EHR is possible   | No  |
| Correction of errors in a child's EMR/EHR is possible  |     |
| Legislation exists enabling the sharing of EMR/EHR between health care entities within the same country  | Yes |
| Parental consent is required   | No  |
| Legislation exists enabling the sharing of EMR/EHR between health care entities in other countries   | Yes |
| Parental consent is required   | No  |
| Legislation exists which grants a child the right to control over its EMR/EHR  | No  |
| From age (years)   |     |

## Social media

Countries are recognizing the benefit of using social media for health

|  |    |
|--|----|
| Some health programmes use social media (eg. Facebook, Twitter, YouTube) | No |
|--|----|

\* Data source: [www.who.int/goe/publications/cp\\_source2013](http://www.who.int/goe/publications/cp_source2013)

\*\* Inconsistent data