Atlas of World Health Organization's Eastern Mediterranean Region Office (EMRO) framework for health information systems and core indicators for monitoring health situation and health system performance

October - 2019
About the content

“Atlas of World Health Organization’s Eastern Mediterranean Region Office (EMRO) framework for health information systems and core indicators for monitoring health situation and health system performance” consists of five reports published by the World Health Organization (WHO) EMRO in 2014 to 2018. The purpose for the compilation of this document is to compare the information on the health status of the Islamic Republic of Iran published in these reports with other countries in the region. Please pay attention to the following before reading this volume.

1. The figures for some indicators in the charts was not mentioned and the corresponding column is blank, indicating that for that country the figure was not reported in that year.

2. If no figures for the indicator was reported for a country in any of the five reports, the country is omitted in the relevant chart.

3. The source of information in this report are estimates made by WHO and other international organizations, and therefore the figures for some indicators of Iran in this report may differ from those reported by the official authorities in the country. However, for observing loyalty to the original report, the values of the indicators are mentioned as presented in the reports published by the WHO.

4. It seems that the figures for some of the indicators for other countries in the region (such as the density of primary health care facilities per 10,000 population) are not correct, but the values of these indicators are also mentioned the same as presented in the reports published by the WHO.

5. The indicators “birth registration coverage” and “death registration coverage” are among the core indicators of the EMRO, but since the figures for them are not reported in the reports, they are not included in the charts.

Please cite as follows:

## Chapter Two, Health Status

<table>
<thead>
<tr>
<th>Life expectancy at birth</th>
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<td>Neonatal mortality rate</td>
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<td>Infant mortality rate</td>
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<td>Under-five mortality rate</td>
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<td>Maternal mortality rate</td>
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<td>Mortality rate by main cause of death</td>
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<tr>
<td>Mortality between ages 30 and 70 from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases</td>
<td>94</td>
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<tr>
<td>Mortality rate from road traffic injuries</td>
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<td>Mortality rate attributed to household and ambient air pollution</td>
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<tr>
<td>Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene</td>
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<tr>
<td>Cancer incidence (all types)</td>
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<tr>
<td>Tuberculosis case notification</td>
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<td>HIV</td>
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<td>Incidence of hepatitis B</td>
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<td>Malaria</td>
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<tr>
<td>Incidence of measles cases</td>
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<tr>
<td>Number of people requiring interventions against neglected tropical diseases</td>
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<tr>
<td>Population at risk of neglected tropical diseases (subject to treatment campaigns)</td>
<td>128</td>
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</table>

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| Per capita total health expenditure | 138 |
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### Health determinants and risks

#### Demographic and socioeconomic determinants
- Population size
- Population growth rate
- Total fertility rate
- Adolescent fertility rate (15-19 years)
- Net primary school enrollment
- Population below the international poverty line
- Literacy rate among persons 15-24 years
- Access to improved drinking water
- Access to improved sanitation facilities
- Low birth weight among newborns
- Exclusively breastfeeding (0-5 months of age)
- Children under 5 who are stunted
- Children under 5 who are wasted
- Children under 5 who are overweight
- Children under 5 who are obese
- Overweight (10-19 years)
- Obesity (10-19 years)
- Overweight (20+ years)
- Obesity (20+ years)
- Tobacco use among persons 13-15 years
- Tobacco use among persons 15+ years
- Insufficient physical activity (13-19 years)
- Insufficient physical activity (18+ years)
- Raised blood glucose among persons 18+ years
- Anaemia among women of reproductive age

#### Life expectancy and mortality
- Life expectancy at birth
- Neonatal mortality rate
- Infant mortality rate
- Under-five mortality rate
- Maternal mortality ratio
- Mortality rate by main cause of death (age-standardized)
- Mortality between ages 0 and 7 from cardiovascular diseases, cancers, diabetes, or chronic respiratory diseases
- Mortality rate from road traffic injuries
- Mortality rate attributed to household and ambient air pollution
- Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene

#### Health status
- Life expectancy at birth
- Neonatal mortality rate
- Infant mortality rate
- Under-five mortality rate
- Maternal mortality ratio

#### Morbidity
- Cancer incidence by type of cancer
- Tuberculosis notification rate
- Estimated number of new HIV infections cases
- Incidence of hepatitis B
- Incidence of confirmed malaria cases
- Incidence of meningitis cases
- Number of people requiring interventions against neglected tropical diseases
- Populations at risk of neglected tropical diseases (subject to treatment campaigns)
Introduction

The World Health Organization (WHO) is a specialized agency of the United Nations that is concerned with international public health. It was established on 7 April 1948, and is headquartered in Geneva, Switzerland. WHO has six Regional Offices for Africa (Brazzaville, Congo), Americas (Washington DC, USA), Eastern Mediterranean (Cairo, Egypt), Europe (Copenhagen, Denmark), South East Asia (New Delhi, India), and Western Pacific (Manila, Philippines). Each region of the world is served by a Regional Office with a responsibility to support the Member States. In improving health in the region and work independently. Iran is in the region supported by Eastern Mediterranean Regional Office (EMRO).

In order to get a better and concise view of the health status of the countries, this framework also covers the health status, including morbidity and cause-specific mortality; and 3. monitoring health determinants and risks; 2. assessing health system response. The list of the indicators are presented in Table below. Apart from showing an overview of the health status in the countries, this framework also covers the health system response. The list of the total number of indicators in this report to be 111. In this report, the status of Islamic Republic of Iran in different years is compared with other countries of the Eastern Mediterranean Region and the total of other countries of the Eastern Mediterranean Region and the weighted average of the region.

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Chapter One

Health determinants and risks
1. Population size

Chart 1. Population size of the Eastern Mediterranean Region member states (1000 people)

The values of the indicators are exactly as reported by the World Health Organization's Eastern Mediterranean Region Office (EMRO).
2. Population growth rate

Chart 2. Population growth rate of the Eastern Mediterranean Region member states (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
3. Total fertility rate

Chart 3. Total fertility rate of the Eastern Mediterranean Region member states (per woman)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
4. Adolescent fertility (15-19 years)

Chart 4. Adolescent fertility (15-19 years) of the Eastern Mediterranean Region member states (per 1000 girls)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
5. Net primary school enrolment ratio (per 100 school-age children)

A. Girls

Chart 5. Net primary school enrolment ratio in girls per 100 school-age children

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

Chart 7. Net primary school enrolment ratio per 100 school-age children
6. Population below the international poverty line

Chart 8. Population below the international poverty line incomes below 1.90 USD per day (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
7. Literacy rate among persons 15–24 years

Chart 9. Literacy rate among women 15–24 years (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chart 10. Literacy rate among men 15–24 years (percent)

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The values of the indicators are mostly as reported by the World Health Organization's Eastern Mediterranean Region Office (EMRO).
C. Total

Chart 11: Literacy rate among persons 15-24 years (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
8. Access to improved drinking water

Chart 12. Access to improved drinking water (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chart 13. Access to improved sanitation facilities (percent)
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The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

10. Low birth weight among newborns

Chart 14: Newborns weighing less than 2500 gr. at birth (percent)
### 11. Exclusive breastfeeding rate 0–5 months of age

**Chart 15: Exclusive breastfeeding rate 0–5 months of age (percent)**

<table>
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<tr>
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The values of the indicators are mainly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
12. Children under 5 who are stunted

Chart 16. Children under 5 with height for age less than two standard deviations from the median of the WHO child growth standards (percent)
13. Children under 5 who are wasted

Chart 17. Children under 5 with weight for height less than two standard deviations from the median of the WHO child growth standards (percent)
14. Children under 5 who are overweight

Chart 18. Children under 5 with BMI for age above one standard deviation from the median of the WHO child growth standards (percent)
15. Children under 5 who are obese

Chart 19. Children under 5 with BMI for age above two standard deviations from the median of the WHO child growth standards (percent)
16. Overweight in adolescents (13-18 years)

Chart 20. Adolescents (13-18 years) with BMI for age above one standard deviation from the median of the WHO child growth standards (percent)
17. Obesity in adolescents (13-18 years)

Chart 21: Adolescents (13-18 years) with BMI for age above two standard deviations from the median of the WHO child growth standards (percent)

The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO).
18. Overweight in adults (18+ years)

Chart 22. Adults (18+ years) with BMI above or equal to 25 (percent)
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19. Obesity in adults (18+ years)
Chart 23. Adults (18+ years) with BMI above or equal to 30 (percent)
20. Tobacco use among persons 13-15 years

A. Girls

Chart 24. Prevalence of tobacco use among girls 13-15 years (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
B. Boys

Chart 25. Prevalence of tobacco use among boys 13–15 years (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
B. Men

Chart 28. Prevalence of tobacco use among men 15+ years (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are mostly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

C. Total

Chart 29. Prevalence of tobacco use among 15+ years (percent)
22. Insufficient physical activity (13-18 years)

Chart 30. Adolescents (13-18 years) with less than 60 minutes moderate and severe physical activity per day (percent)
23. Insufficient physical activity (18+ years)

Chart 31. Adults (18+ years) with less than 150 minutes moderate physical activity or less than 75 minutes severe physical activity per week (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
24. Raised blood glucose among persons 18+ years

Chart: 32, people (18+ years) with fasting blood glucose above 126 mg/dL (7 mmol/L) or using antidiabetic medications (percent)
25. Raised blood pressure among persons 18+ years

Chart 33. Persons (18+ years) with systolic blood pressure above 140 mmHg or diastolic blood pressure above 90 mmHg (percent)
26. Anaemia among women of reproductive age

Chart 34. Women of reproductive age (15–49 years) with anaemia (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chapter two

Health status
27. Life expectancy at birth

A. Women

Chart 35. Life expectancy at birth for women (years)
B. Men

Chart 34: Life expectancy at birth for men (years)
Chart 37. Life expectancy at birth (years)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
28. Neonatal mortality rate

Chart 38. Neonatal (under 1 month) mortality rate per 1000 livebirths
29. Infant mortality rate

Chart 29. Infant (under 1 year) mortality rate per 1000 livebirths

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
30. Under-five mortality rate

Chart 40. Under-five mortality rate per 1000 livebirths
31. Maternal mortality ratio

Chart 41. Maternal mortality due to complications from pregnancy or childbirth per 100,000 livebirths
32. Mortality rate by main cause of death

A. Age-standardized mortality due to communicable diseases

Chart 42. Age-standardized mortality rate due to communicable diseases per 100,000 population.
B. Age-standardized mortality due to non-communicable diseases

Chart 43. Age-standardized mortality rate due to non-communicable diseases per 100,000 population

The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO)
C. Age-standardized mortality due to injuries

Chart 44. Age-standardized mortality rate due to injuries per 100,000 population

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

The chart displays the age-standardized mortality rate due to injuries per 100,000 population for various countries in the Eastern Mediterranean Region. The values are shown for the years 2014, 2015, 2016, and 2017.
33. Mortality between ages 30 and 70 from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases

Chart 45. Mortality between ages 30 and 70 from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases per 10,000 population
34. Mortality rate from road traffic injuries

A. Mortality rate from road traffic injuries (reported by the countries)

Chart 46. Mortality rate from road traffic injuries per 10,000 population (reported by the countries)
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO)

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Chart 47. Mortality rate from road traffic injuries per 10,000 population (WHO estimate)
35. Mortality rate attributed to household and ambient air pollution

Chart 48. Mortality rate attributed to household and ambient air pollution per 10,000 population

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO)
36. Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene

Chart 49. Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene per 100,000 population
Chart 50. Cancer incidence (all types) per 100,000 population
Chart 51. Tuberculosis case notification per 100,000 population
39. HIV

A. Estimated number of new HIV infections

Chart 52. Estimated number of new HIV infections
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO) for health information systems and core indicators: health determinants and risks.

### Chart S3: Number of newly reported HIV cases

<table>
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The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO) for health information systems and core indicators: health determinants and risks.
40. Incidence of hepatitis B

Chart 54. Incidence of hepatitis B per 100,000 population
41. Malaria

A. Incidence of confirmed malaria cases

Chart 55. Incidence of confirmed malaria cases per 1000 population
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
42. Incidence of measles cases

Chart 57. Incidence of measles cases per 1 million population

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
43. Number of people requiring interventions against neglected tropical diseases

A. Dracunculiasis

Chart 58. Number of people requiring interventions against dracunculiasis

This indicator was reported zero for all these countries.

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO) for the year 2018.

Atlas of World Health Organization’s Eastern Mediterranean Region Office (EMRO) Framework for health information systems and core indicators Health determinants and risks
A. Leishmaniasis

Chart 59. Number of people requiring interventions against leishmaniasis

The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO).
B. Leprosy

Chart 60. Number of people requiring interventions against leprosy
C. Rabies
Chart 62. Number of people requiring interventions against rabies

D. Mycetoma
Chart 61. Number of people requiring interventions against mycetoma
44. Population at risk of neglected tropical diseases (subject to treatment campaigns)

A. Lymphatic filariasis

Chart 63. Population at risk of lymphatic filariasis

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
C. Schistosomiasis

Chart 66: Population at risk of schistosomiasis

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
D. Soil-transmitted helminthiases

Chart 67. Population at risk of soil-transmitted helminthiases

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
E. Trachoma

Chart 6A. Population at risk of trachoma

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chapter Three

Health system response
45. Per capita total health expenditure

Chart 08: Per capita total health expenditure (USD)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

Atlas of World Health Organization’s Eastern Mediterranean Region Office (EMRO)
46. Out-of-pocket expenditure as percentage of total health expenditure

Chart 70. Out-of-pocket expenditure as percentage of total health expenditure

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
47. General government expenditure on health as % of general government expenditure

Chart 71. General government expenditure on health as % of general government expenditure
48. Population with catastrophic health expenditure

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
49. Population impoverished due to out-of-pocket health expenditure

Chart 73. Population impoverished due to out-of-pocket health expenditure (percent)
50. Density of health workers

A. Physicians

Chart 74. Number of physicians per 10,000 population
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chart 76: Number of Dentists per 10,000 population

The values of the indicators are mostly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

Chart 77. Number of pharmacists per 10,000 population
51. Density of registered recent graduates of health profession educational institutions

A. Physicians

Chart 78. Number of registered recent physicians graduates of health profession educational institutions per 100,000 population

The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO).
B. Nurses and midwives

Chart 79. Number of registered recent nurses and midwives graduates of health profession educational institutions per 100,000 population

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
### Dentists

**Chart 80. Number of registered recent dentists graduates of health profession educational institutions per 100,000 population**

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

<table>
<thead>
<tr>
<th>Country</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>Average</th>
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<td>Iran</td>
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<td>UAE</td>
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</table>

The average of the region per 100,000 population is 1.8.
D. Pharmacists

Chart 81. Number of registered recent pharmacists graduates of health profession educational institutions per 100,000 population

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
S2. International Health Regulations (IHR) technical areas

A. Detect

Chart S2. International Health Regulations (IHR) score for detect

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

D. Points of entry and other IHR related hazards

Chart 85. International Health Regulations (IHR) score for points of entry and other IHR related hazards

<table>
<thead>
<tr>
<th>Country</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
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</table>
53. Birth registration coverage

54. Death registration coverage

These indicators were not reported in the documents.

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
55. Availability of selected essential medicines in health facilities

A. Public

Chart 86. Availability of selected essential medicines in public health facilities

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
B. Private

Chart 87. Availability of selected essential medicines in private health facilities

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
56. Density per million population of selected medical devices in public and private health facilities

A. Computed Tomography

Chart 88. Density per million population of Computed Tomography devices in public and private health facilities
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
C. Magnetic Resonance Imaging (MRI)

Chart 90. Density per million population of Magnetic Resonance Imaging (MRI) devices in public and private health facilities

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
### D. Mammography

**Chart 91. Density per million women of mammography devices in public and private health facilities**

<table>
<thead>
<tr>
<th>Year</th>
<th>Afghanistan</th>
<th>Bahrain</th>
<th>Iran</th>
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</table>

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
58. Hospital bed density

Chart 92. Number of hospital beds per 10,000 population
59. Surgical wound infection rate

Chart 94. Surgical wound infection rate (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
Chart 95. Annual number of outpatient department visits, per capita

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
61. Demand for family planning satisfied with modern methods

Chart 96. Demand for family planning satisfied with modern methods (percent)
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
B. More than four visits

Chart 96. Coverage of more than four Antenatal care visits (percent)
The values of the indicators are exactly as reported by World Health Organization's Eastern Mediterranean Region Office (EMRO).
64. Children under 5 with diarrhoea receiving oral rehydration therapy

Chart 100. Children under 5 with diarrhoea receiving oral rehydration therapy among total number of children aged 0–59 months with diarrhoea (Percent)

The values of the indicators are mostly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).

Chart 101. DTP3/pentavalent immunization coverage rate among children under 1 year of age (percent)
66. Measles immunization coverage rate (MCV1)

Chart 102. Measles immunization coverage rate (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
67. Coverage of service for severe mental health disorders

Chart 103. Coverage of service for severe mental health disorders including psychosis, bipolar affective disorder, moderate-severe depression (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
### 69. Tuberculosis treatment success rate

#### Chart 104. Tuberculosis treatment success rate (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
70. Percentage of suspected malaria cases that have had a diagnostic test

Chart 105. Suspected malaria cases that have had a diagnostic test (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
71. Percentage of population sleeping under insecticide-treated nets

Chart 107. Population sleeping under insecticide-treated nets (percent)
Chart 108. Antiretroviral therapy (ART) coverage among all adults and children living with HIV (percent)

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
73. Percentage of key populations at higher risk (people who inject drugs, sex workers, men who have sex with men) who have received an HIV test in the past 12 months and know their results

A. People who inject drugs

Chart 109. Percentage of people who inject drugs who have received an HIV test in the past 12 months and know their results

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
B. Sex workers

Chart 110. Percentage of sex workers who have received an HIV test in the past 12 months and know their results

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
C. Men who have sex with men

Chart 11.1. Percentage of men who have sex with men who have received an HIV test in the past 12 months and know their results

The values of the indicators are exactly as reported by World Health Organization’s Eastern Mediterranean Region Office (EMRO).
The national institute of health research (NIHR) of the Islamic Republic of Iran is an institution established as the health observatory, and to produce and promote the use of scientific evidence needed by health planners and policymakers at national level. The focus of NIHR is on the results and outcomes of health interventions. Acting on its mission as the health observatory in national level, NIHR, by using all the knowledge in the country and international knowledge capacities, while forecasting trends and monitoring health system indicators; and using the experiences of other health systems, designing and recommending effective intervention for health system reforms and, if implemented, evaluating and monitoring interventions; on the other hand, recognized, as a reference and consultant, providing scientific evidence to thereby enabling health administrators and managers to achieve a healthy society.