

**Health Observatory Report 2010**  
**HEALTH AND POPULATION NEEDS**  
List of Core Indicators

***Population***

1. Population dynamics.
2. Internal and external migrant mobility.
3. Total fertility rate.
4. Population structure.
5. Older population living alone.

***Survival and mortality***

6. Life expectancy at birth.
7. Mortality rate over one year of age and by cause.

***Tobacco use***

8. Prevalence of smokers aged 14 and over.

***Alcohol consumption***

9. Prevalence of alcohol consumption.

***Food consumption***

10. Prevalence of population aged 3 and over by type of food consumption.
11. Trends of food and alcohol consumption.

***Overweight and obesity***

12. Prevalence of overweight and obesity in population aged 18 and over.
13. Prevalence of overweight and obesity in children aged 8-9.

***Physical activity***

14. Physical activity prevalence of population aged 3 and over.

***Infant vaccination***

15. Infant vaccination coverage of children under 24 months of age.
16. Flu vaccination coverage.

***Screening Programmes***

17. Breast cancer screening.
18. Cervix uterus cancer screening.
19. Colorectal cancer screening.

***Road accidents***

20. Road mortality rate.
21. Road accidents rate.
22. Index of gravity.

***Labour accidents***

23. Labour accidents rate (*in itinere*).
24. Labour mortality rate (*in itinere*).

### ***Domestic accidents***

- 25. Number of domestic accidents.
- 26. Domestic accidents rate.

### ***Natural environment***

- 27. Production of garbage.
- 28. Management of garbage.
- 29. Separate collection of garbage.
- 30. Particulate matter (PM10) pollution.
- 31. Volume of drinkable water available.

### ***Cardiovascular diseases***

- 32. Hospitalization discharge rate.
- 33. Ischemic heart diseases mortality.

### ***Metabolic diseases***

- 34. Hospital discharge rate.
- 35. Mortality rate.

### ***Infectious diseases***

- 36. Sexually transmitted diseases incidence rate.
- 37. Respiratory infectious diseases incidence rate.
- 38. Tuberculosis (incidence and mortality rate).
- 39. Legionellosis (incidence rate).

### ***Disability***

- 40. Public schools' students with a disability.
- 41. Percentage of students per type of disability.
- 42. Percentage of schools with IT facilities for students with disability
- 43. Students with disability enrolled at the public universities.
- 44. Beneficiaries of a disability pension.

### ***Mental health and addictions***

- 45. Hospital discharge rate for psychic disturbance.
- 46. Antidepressant and antipsychotic consumption.

### ***Maternal and infant health***

- 47. Caesarean section.
- 48. Infant and neonatal mortality rate.
- 49. Assisted medical procreation.
- 50. Voluntary and spontaneous abortion rate.

### ***Immigrants' health***

- 51. Foreign population.
- 52. Percentage of newborns.
- 53. Infant and neonatal mortality rate.

## **REGIONAL HEALTH SYSTEMS AND QUALITY SERVICES**

### ***Economic and financial system***

- 54. Public health care expenditure of GPD.

55. Public health care expenditure per capita.
56. Public health care deficit per capita.

#### ***Institutional and organizational system***

57. Public and private hospital beds.
58. General practitioners and pediatrics rate.

#### ***Territorial care***

59. Home health care.
60. Long-term care services and beds.
61. Long-term care patients.
62. Potentially avoidable hospitalization rate for long-term complications of diabetes mellitus.
63. Potentially avoidable hospitalization rate for long-term complications of chronic bronchial pneumonia.
64. Potentially avoidable hospitalization rate for long-term complications of cardiac insufficiency.

#### ***Dental care***

65. Unsatisfied demand of dentistry care.
66. Hospital discharge care of osteonecrosis of the jaw.

#### ***Pharmaceutical health care***

67. Medicines consumption covered by the NHS.
68. Pharmaceutical expenditure per capita covered by NHS.
69. Consumption and expenditure on medicines with expired patent.
70. Out-of pocket pharmaceutical expenditure per capita.
71. Consumption of antibiotics covered by the NHS.
72. Consumption of quinolones, cephalosporins and aminoglycosides covered by the NHS.

#### ***Hospital health care***

73. Hospital discharge rate.
74. Hospital discharge rate by age group and type of admission.
75. Admissions in Day Hospital, Day Surgery and “one Day Surgery”.
76. Medical and surgical DRG discharge.
77. Length of stay.
78. Preoperative stay of surgical DRGs.
79. Percentage of hip replacement operations within 2 days from admission to hospital.
80. Potentially inappropriate one-day stay admissions for medical DRGs.
81. Discharge of medical DRGs from surgical wards.

#### ***Organ transplants***

82. Donors rate and procurement.
83. Percentage of oppositions to donation.
84. Performed transplants.
85. Percentage of transplants performed inside and outside the region of residence.
86. Heart transplant.
87. Liver transplant.
88. Kidney transplant.
89. Medulla ossium transplant.

#### ***Blood management***

90. Planning of the red globules need and production.

91. Planning of the plasma-derived production.

***Geographic and social differences***

92. Index of health status, psychological status and presence of grave chronic diseases by social status and geographic area.

93. Use of health services by social status and geographic area.