

**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 GDP.

- 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.