



# Croatia

## GENERAL INFORMATION

Croatia is a country with an approximate area of 57 thousand square kilometers (UNO, 2008). The population is 4,409,659 and the sex ratio (men per hundred women) is 93 (UNO, 2009). The proportion of the population under the age of 18 years is 19% and the proportion above age 60 is 17% (UNO, 2009). The literacy rate is 100% for men and 100% for women (UN Statistics, 2008). The life expectancy at birth is 72 years for males and 79 years for females (UNO, 2005-2010). The healthy life expectancy at birth is 66 years for males and 79 years for females (UNPD, 2010). The country is in the High income group (based on 2010 World Bank criteria). The total expenditure on health as a percentage of gross domestic product is 7.83% and the per capita government expenditure on health (PPP int. \$) is \$1006.0 (WHO, 2006). The suicide rate for males is 26.9 per 100,000 population and for females is 9.7 per 100,000 population. In Croatia, neuropsychiatric disorders are estimated to contribute to 26.9% of the global burden of disease (WHO, 2008).

## GOVERNANCE

An officially approved mental health policy exists and was approved or most recently revised in 2010. Mental health is specifically mentioned in the general health policy.

A mental health plan exists and was approved or most recently revised in 2010. The mental health plan components include:

- Timelines for the implementation of the mental health plan.
- Shift of services and resources from mental hospitals to community mental health facilities.
- Integration of mental health services into primary care.

Dedicated mental health legislation exists and it was initiated or most recently revised in 2002. Legal provisions concerning mental health are also covered in other laws (e.g. welfare, disability, general health legislation etc.).

## FINANCING

Mental health expenditures by the government health department/ministry are not available. Mental hospital expenditures are 0.56% of the total mental health budget.

## MENTAL HEALTH CARE DELIVERY

### Primary Care

Prescription regulations authorize primary health care doctors to prescribe and/or to continue prescription of psychotherapeutic medicines. The department of health does not authorize primary health care nurses to prescribe and/or to continue prescription of psychotherapeutic medicines.

The majority of primary health care nurses have not received official in-service training on mental health within the last five years. Official policy does not permit primary health care nurses to independently diagnose and treat mental disorders within the primary care system. Official referral procedures for referring persons from primary care to secondary/tertiary care exist. Referral procedures from tertiary/secondary care to primary care exist.

Data collected in 2011

UN = information unavailable, NA = item not applicable

## Mental Health Services

### Availability of mental health facilities

	Total number of facilities/beds	Rate per 100,000 population	Number of facilities/beds reserved for children and adolescents only	Rate per 100,000 population
Mental health outpatient facilities	149	3.38	UN	UN
Day treatment facilities	18	0.41	UN	UN
Psychiatric beds in general hospitals	859	19.48	UN	UN
Community residential facilities	UN	UN	UN	UN
Beds/places in community residential facilities	UN	UN	UN	UN
Mental hospitals	7	0.16	1	0.02
Beds in mental hospitals	3353	76.04	UN	UN

### Access to care

	Rates per 100,000 population)	Females (%)	Under age 18 (%)
Persons treated in mental health outpatient facilities	UN	UN	UN
Persons treated in mental health day treatment facilities	128.93	18%	UN
Admissions to psychiatric beds in general hospitals	489.77	UN	UN
Persons staying in community residential facilities at the end of the year	UN	UN	UN
Admissions to mental hospitals	506.98	UN	UN

### Long term care in mental hospitals (% of persons staying):

Less than 1 year	UN
More than 1 and less than 5 years	UN
More than 5 years	UN

## HUMAN RESOURCES

### Workforce and training

	Health professionals working in the mental health sector Rate per 100,000	Training of health professions in educational institutions Rate per 100,000
Psychiatrists	10.25	UN
Medical doctors, not specialized in psychiatry	3.2	UN
Nurses	35.56	UN
Psychologists	2.9	UN
Social workers	1.02	UN
Occupational therapists	0.57	UN
Other health workers	3.13	NA

### Informal human resources (Family and User Associations)

	User	Family
Present in the country?	Yes	Yes
Number of members	UN	UN
Participation in the formulation/implementation of policy/plan/legislation?	Not routinely	Not routinely

## MEDICINES

Expenditures for medicines for mental and behavioral disorders at country level

Type of Medicines	Expenditures at country level per year and per 100,000 population (in USD)
All the psychotherapeutic medicines <sup>1</sup>	1,512,394
Medicines used for bipolar disorders <sup>2</sup>	47,595
Medicines for psychotic disorders <sup>3</sup>	839,971
Medicines used for general anxiety <sup>4</sup>	316,164
Medicines used for mood disorders <sup>5</sup>	310,111

<sup>1</sup> N03AG01, N05A, N05B, N05C, N06A

<sup>2</sup> N03AG01, N05A, N05B, N05C, N06A

<sup>3</sup> N05A (excluding N05AN)

<sup>4</sup> N05B & N05C

<sup>5</sup> N06A

Data collected in 2011

UN = information unavailable, NA = item not applicable

**INFORMATION SYSTEMS**

	<b>Data on number of people/ activities are collected and reported</b>	<b>Data on age and gender are collected and reported</b>	<b>Data on patient's diagnosis are collected and reported</b>
Persons with mental disorders treated in primary health care	No	No	No
Interventions (psychopharmacological and psychosocial) delivered in primary health care for people with mental disorders	No	No	No
Persons treated in mental health outpatient facilities	No	No	No
Contacts in mental health outpatient facilities	Yes	Yes	Yes
Persons treated in mental health day treatment facilities	No	No	No
Admissions in general hospitals with psychiatric beds	Yes	Yes	Yes
Admissions in mental hospitals	Yes	Yes	Yes
Days spent in mental hospitals	Yes	Yes	Yes
Admissions in community residential facilities	UN	UN	UN

Note: A specific report focusing mental health activities has been published by the Health Department or any other responsible government unit in the last three years.