



## Botswana

### GENERAL INFORMATION

Botswana is a country with an approximate area of 582 thousand square kilometers (UNO, 2008). The population is 1,977,569 and the sex ratio (men per hundred women) is 102 (UNO, 2009). The proportion of the population under the age of 18 years is 39% and the proportion above age 60 is 4% (UNO, 2009). The literacy rate is 94% for men and 96% for women (UN Statistics, 2008). The life expectancy at birth is 54 years for males and 53 years for females (UNO, 2005-2010). The healthy life expectancy at birth is 49 years for males and 53 years for females (UNPD, 2010). The country is in the upper middle income group (based on 2010 World Bank criteria). The total expenditure on health as a percentage of gross domestic product is 10.25% and the per capita government expenditure on health (PPP int. \$) is \$624.0 (WHO, 2006). Suicide rate information is not available. In Botswana, neuropsychiatric disorders are estimated to contribute to 4.6% of the global burden of disease (WHO, 2008).

### GOVERNANCE

An officially approved mental health policy exists and was approved, or most recently revised, in 2003. Mental health is also specifically mentioned in the general health policy.

A mental health plan exists and was approved or most recently revised in 1997. The mental health plan components include:

- Funding allocation for the implementation of half or more of the items in 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 was initiated, or most recently revised, in 1971. Legal provisions concerning mental health are also covered in other laws (e.g. welfare, disability, general health legislation etc.).

### FINANCING

Mental health and mental hospital expenditures by the government health department/ministry are not available.

### MENTAL HEALTH CARE DELIVERY

#### Primary Care

Prescription regulations authorize primary health care doctors to prescribe and/or to continue prescription of psychotherapeutic medicines but with restrictions. Similarly, the department of health authorizes primary health care nurses to prescribe and/or to continue prescription of psychotherapeutic medicines but with restrictions. Official policy also enables primary health care nurses to independently diagnose and treat mental disorders within the primary care system.

Officially approved manuals on the management and treatment of mental disorders are available in the majority of primary health care clinics. Official referral procedures for referring persons from primary care to secondary/tertiary care exist, as do referral procedures from tertiary/secondary care to primary care.

## 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	17	0.86	1	0.05
Day treatment facilities	UN	UN	UN	UN
Psychiatric beds in general hospitals	99	5.01	UN	UN
Community residential facilities	UN	UN	UN	UN
Beds/places in community residential facilities	UN	UN	UN	UN
Mental hospitals	2	0.10	UN	UN
Beds in mental hospitals	332	16.79	UN	UN

### Access to care

	Rates per 100,000 population)	Females (%)	Under age 18 (%)
Persons treated in mental health outpatient facilities	541.93	UN	UN
Persons treated in mental health day treatment facilities	UN	UN	UN
Admissions to psychiatric beds in general hospitals	UN	UN	UN
Persons staying in community residential facilities at the end of the year	UN	UN	UN
Admissions to mental hospitals	93.04	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

Data collected in 2011

UN = information unavailable, NA = item not applicable

## 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	0.25	0.0
Medical doctors, not specialized in psychiatry	0.51	0.0
Nurses	4.05	18.05
Psychologists	1.52	1.52
Social workers	0.35	UN
Occupational therapists	1.82	1.82
Other health workers	2.38	NA

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

	User	Family
Present in the country?	Yes	No
Number of members	UN	NA
Participation in the formulation/implementation of policy/plan/legislation?	Not routinely	NA

## 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>	UN
Medicines used for bipolar disorders <sup>2</sup>	UN
Medicines for psychotic disorders <sup>3</sup>	UN
Medicines used for general anxiety <sup>4</sup>	UN
Medicines used for mood disorders <sup>5</sup>	UN

<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	Yes	Yes	Yes
Interventions (psychopharmacological and psychosocial) delivered in primary health care for people with mental disorders	Yes	Yes	Yes
Persons treated in mental health outpatient facilities	Yes	Yes	Yes
Contacts in mental health outpatient facilities	Yes	Yes	Yes
Persons treated in mental health day treatment facilities	Yes	Yes	Yes
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	Yes	Yes	Yes

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

Data collected in 2011

UN = information unavailable, NA = item not applicable