



Sudan

GENERAL INFORMATION

Sudan is a country with an approximate area of 2376 thousand square kilometers (UNO, 2008). The population is 43,192,438 and the sex ratio (men per hundred women) is 102 (UNO, 2009). The proportion of the population under the age of 18 years is 44% and the proportion above age 60 is 4% (UNO, 2009). The literacy rate is 89% for men and 82% for women (UN Statistics, 2008). The life expectancy at birth is 59 years for males and 62 years for females (UNO, 2005-2010). The healthy life expectancy at birth is 50 years for males and 62 years for females (UNPD, 2010). The country is in the lower middle income group (based on 2010 World Bank criteria). The total expenditure on health as a percentage of gross domestic product is 7.32% and the per capita government expenditure on health (PPP int. \$) is \$27.0 (WHO, 2006). Suicide rate information is not available. In Sudan, neuropsychiatric disorders are estimated to contribute to 6.5% of the global burden of disease (WHO, 2008).

GOVERNANCE

An officially approved mental health policy exists and was approved or most recently revised in 2009. Mental health is also specifically mentioned in the general health policy.

A mental health plan exists and was approved or most recently revised in 2002. The mental health plan components include:

- Timelines for the implementation of the mental health plan.
- Funding allocation for the implementation of half or more of the items in the mental health plan.
- Integration of mental health services into primary care.

Dedicated mental health legislation does not exist and legal provisions concerning mental health are not 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.

Note: Although exact values are unavailable, mental health expenditures are estimated to be about 14.1% of the total government 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. In contrast, the department of health does not authorize primary health care nurses to prescribe and/or to continue prescription of psychotherapeutic medicines. However, official policy enables primary health care nurses to independently diagnose and treat mental disorders within the primary care system.

The majority of primary health care doctors and nurses have not received official in-service training on mental health within the last five years. Officially approved manuals on the management and treatment of mental disorders are not available in the majority of primary health care clinics. Official referral procedures for referring persons from primary care to secondary/tertiary care do not exist. Referral procedures from tertiary/secondary to primary care also do not exist.

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	16	0.037	0	0.000
Day treatment facilities	0	0.000	NA	NA
Psychiatric beds in general hospitals	387	0.896	UN	UN
Community residential facilities	10	0.023	0	0.000
Beds/places in community residential facilities	700	1.620	UN	UN
Mental hospitals	2	0.005	UN	UN
Beds in mental hospitals	180	0.417	UN	UN

Access to care

	Rates per 100,000 population)	Females (%)	Under age 18 (%)
Persons treated in mental health outpatient facilities	9.53	43%	UN
Persons treated in mental health day treatment facilities	NA	NA	NA
Admissions to psychiatric beds in general hospitals	148.64	37%	UN
Persons staying in community residential facilities at the end of the year	UN	UN	UN
Admissions to mental hospitals	UN	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	0.06	UN
Medical doctors, not specialized in psychiatry	8.17	UN
Nurses	0.10	UN
Psychologists	0.48	UN
Social workers	0.60	UN
Occupational therapists	0.00	0.00
Other health workers	21.03	NA

Informal human resources (Family and User Associations)

	User	Family
Present in the country?	No	Yes
Number of members	NA	1
Participation in the formulation/implementation of policy/plan/legislation?	NA	never or rarely

Note: The majority of the population prefers to seek help for mental health issues from traditional healers rather than from medical psychiatric services.

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 ¹	UN
Medicines used for bipolar disorders ²	UN
Medicines for psychotic disorders ³	UN
Medicines used for general anxiety ⁴	UN

¹ N03AG01, N05A, N05B, N05C, N06A

² N03AG01, N05A, N05B, N05C, N06A

³ N05A (excluding N05AN)

⁴ N05B & N05C

Data collected in 2011

UN = information unavailable, NA = item not applicable

Medicines used for mood disorders ⁵	UN
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INFORMATION SYSTEMS

	Data on number of people/ activities are collected and reported	Data on age and gender are collected and reported	Data on patient's diagnosis are collected and reported
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	No	No	No
Persons treated in mental health day treatment facilities	NA	NA	NA
Admissions in general hospitals with psychiatric beds	No	No	No
Admissions in mental hospitals	No	No	No
Days spent in mental hospitals	No	No	No
Admissions in community residential facilities	No	No	No

Note: Mental health data (either on the public system, private system or both) have been compiled for general health statistics in the last three years, but not in a specific mental health report.

⁵ N06A

Data collected in 2011

UN = information unavailable, NA = item not applicable