

Leading cause of disability

WHO Fact Sheet: <http://www.who.int/mediacentre/factsheets/fs369/en/>

Percent suffering from depression

J. Orley and J.K. Wing, 'Psychiatric Disorders in two African Villages', *Archives of General Psychiatry*, Vol. 36, Issue No. 5, 1979, pp. 513-520

Per the Ugandan Ministry of Health, "Depression is a common mental disorder in the community. It has been shown that up to 3-4 persons out of every 10 persons in the community suffer from a depressive illness..." (Ministry of Health brochure "What You Need To Know About Depression")

<https://www.ncbi.nlm.nih.gov/pubmed/24882188>

<https://annals-general-psychiatry.biomedcentral.com/articles/10.1186/1744-859X-8-1>

No access to mental health treatment

WHO Investing in Mental Health: http://www.who.int/mental_health/media/investing_mnh.pdf Page 5

PERSONAL WELL-BEING

Uganda: literacy rates - Kinyanda, E., Woodburn, P., Tugumisirize, J., Kagugube, J., Ndyabangi, S., & Patel, V. (2011). Poverty, life events and the risk for depression in Uganda. *Social Psychiatry and Psychiatric Epidemiology*, 46(1), 35-44. doi:<http://dx.doi.org.ezproxy.cul.columbia.edu/10.1007/s00127-009-0164-8>

Uganda: sexual partners - Agardh, A., Cantor-graee, E., & Östergren, P. (2012). Youth, sexual risk-taking behavior, and mental health: A study of university students in Uganda. *International Journal of Behavioral Medicine*, 19(2), 208-16. doi:<http://dx.doi.org.ezproxy.cul.columbia.edu/10.1007/s12529-011-9159-4>

Ghana and Uganda: food - Farming, economic security: Vousoura, Eleni. Psychological distress among mothers of young children in rural Ghana and Uganda and its association with child health and nutritional status. 2014

PHYSICAL HEALTH

Nigeria, South Africa, and Uganda: HIV infected - Wakawa IA, Said JM, Abba WM, Shehu S, Rabbebe IB, Beida O. The impact of comorbid clinical depression on the health-related quality of life of adults on highly active antiretroviral therapy in Maiduguri, northeastern Nigeria. *Indian J Psychol Med* 2014;36:408-17

Ethiopia: diabetes - Gelaye, Bizu, et al. "Major depressive disorder and cardiometabolic disease risk among sub-Saharan African adults." *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 9.3 (2015): 183-191.

Sub Saharan Africa: migraines - Gelaye B, Peterlin BL, Lemma S, Tesfaye M, Berhane Y, Williams MA. Migraine and Psychiatric Comorbidities among Sub-Saharan African Adults. *Headache*. 2013;53(2):310-321. doi:[10.1111/j.1526-4610.2012.02259](https://doi.org/10.1111/j.1526-4610.2012.02259).

HOUSEHOLD FUNCTIONING

Burkina Faso: food insecurity - Food insecurity, Burkino Faso: Payab, M., Motlagh, A. D., Eshraghian, M., Rostami, R., & Siassi, F. (2014). The association of family food security and depression in mothers having primary school children in Ray-Iran. *Journal of Diabetes and Metabolic Disorders*, 13, 65.

Nigeria: home activities - Gureje O, Kola L, Afolabi E. EPIDEMIOLOGY OF MAJOR DEPRESSIVE DISORDER IN THE IBADAN STUDY OF AGEING. *Lancet*. 2007;370(9591):957-964. doi:[10.1016/S0140-6736\(07\)61446-9](https://doi.org/10.1016/S0140-6736(07)61446-9).

South Africa: economic security - Cognitive development and attachment: MATERNAL DEPRESSION: A REVIEW OF RELEVANT TREATMENT APPROACHES FOR MOTHERS AND INFANTS KIMBERLY J. NYLEN, TRACY E. MORAN, CHRISTINA L. FRANKLIN, AND MICHAEL W. O'HARA University of Iowa

TREATMENT ACCESS

Ghana: required treatment - A. Addai, I., & Andrees, A. R. (2015). PREVALENCE AND PREDICTORS OF SYMPTOMS OF MENTAL DISORDERS IN GHANA. *Current Politics and Economics of Africa*, 8(2), 165-199.

Nigeria: no treatment - Gureje O, Kola L, Afolabi E. EPIDEMIOLOGY OF MAJOR DEPRESSIVE DISORDER IN THE IBADAN STUDY OF AGEING. *Lancet*. 2007;370(9591):957-964. doi:[10.1016/S0140-6736\(07\)61446-9](https://doi.org/10.1016/S0140-6736(07)61446-9).

Nigeria: social role - Gureje O, Kola L, Afolabi E. EPIDEMIOLOGY OF MAJOR DEPRESSIVE DISORDER IN THE IBADAN STUDY OF AGEING. *Lancet*. 2007;370(9591):957-964. doi:[10.1016/S0140-6736\(07\)61446-9](https://doi.org/10.1016/S0140-6736(07)61446-9).

CHILD IMPACT

Nigeria: diarrhea and infections - Infant health: Impact of postnatal depression on infants' growth in Nigeria Abiodun O. Adewuya, Bola O. Ola b , Olutayo O. Aloba b , Boladale M. Mapayi b , John A.O. Okeniyi c a Department of Psychiatry, College of Medicine, Lagos State University, IKEJA. Lagos, Nigeria

Malawi: poor growth and development - Stewart RC, Umar E, Kauye F, Bunn J, Vokhiwa M, Fitzgerald M et al. Maternal common mental disorder and infant growth—a cross-sectional study from Malawi. *Matern Child Nutr* 2008;4:209–19.4

Nigeria: poor nutrition and immunity - Infant health: Impact of postnatal depression on infants' growth in Nigeria Abiodun O. Adewuya, Bola O. Ola b , Olutayo O. Aloba b , Boladale M. Mapayi b , John A.O. Okeniyi c a Department of Psychiatry, College of Medicine, Lagos State University, IKEJA. Lagos, Nigeria

ECONOMIC PRODUCTIVITY

Uganda: weekly hours worked - Wagner, G. J., Ghosh-Dastidar, B., Robinson, E., Ngo, V. K., Glick, P., Musisi, S., & Akena, D. (2017). Effects of Depression Alleviation on Work Productivity and Income Among HIV Patients in Uganda. *International Journal of Behavioral Medicine*, 1-6.

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South Africa: lost income -Lund, Crick, et al. "Mental illness and lost income among adult South Africans." *Social psychiatry and psychiatric epidemiology* 48.5 (2013): 845-851.