



THE AMAZING BRAIN

★ AND THE GLOBAL IMPACT OF BRAIN DISORDERS ★



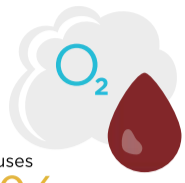
While awake, your brain generates **10-25W** or enough energy to power a light bulb

<http://www.musicianshypnosis.com/htbt/brain-facts.html>



Laughing requires activity in different areas of the brain

www.nursingassistantcentral.com/blog/2008/100-fascinating-facts-you-never-knew-about-the-human-brain/



Your brain uses **25%** of the blood and oxygen in your body

<https://lunginstitute.com/blog/oxygen-levels-brain-function/>

In Europe it has been estimated that **35% of all disease burden** is attributable to brain disorders



The US National Institute of Mental Health (NIMH) estimates that about

1/5 American adults suffer from a diagnosable mental disorder in any given year



≈ 6% suffering serious disabilities as a result

The WHO estimates that **unipolar depression** is the 3rd leading cause of disease burden worldwide



<https://mcgovern.mit.edu/brain-disorders/by-the-numbers> and <http://ifundraise.nami.org/index.cfm?>

More than **10M** people worldwide are living with Parkinson's disease.



www.pdf.org/en/parkinson_statistics

8 OUT OF 10

disorders in the 3 highest disability classes are neurologic problems.

According to a global study conducted by the World Health Organization,



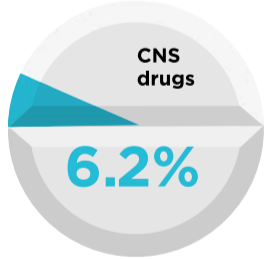
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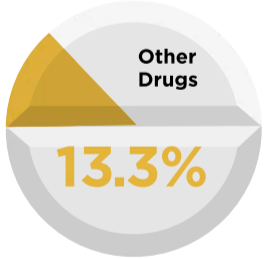
Schizophrenia affects more than **21M** people worldwide

www.who.int/mental_health/management/schizophrenia/en/

Tufts research found that the likelihood for FDA **approval for CNS drugs was roughly 1/2** of that reported for other drugs



VS



www.clinicalleader.com/doc/obtaining-fda-approval-for-cns-drugs-remains-industry-challenge-study-finds-0001

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