



Suicide Rates Around the World

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Introduction

- Every year 703 000 people take their own life and there are many more people who attempt suicide.
- Suicide occurs throughout the lifespan and is the fourth leading cause of death among 15-29 year-olds globally.
- Suicide is a serious public health problem; however, suicides are preventable with timely, evidence-based and often low-cost interventions.

Key Facts regarding suicides

- More than **700 000** people die due to suicide every year.
- For every suicide there are many more people who attempt suicide. A prior suicide attempt is the single most important risk factor for suicide in the general population.
- Suicide is the **fourth leading cause** of death among 15-29 year-olds.
- **77%** of global suicides occur in low- and middle-income countries.
- Ingestion of pesticide, hanging and firearms are among the most common methods of suicide globally.

Factors for suicides

- History of depression and other mental illnesses
- Job/financial problems or loss
- Impulsive or aggressive tendencies
- Substance use
- Current or prior history of adverse childhood experiences
- Bullying
- Loss of relationships
- High conflict or violent relationships
- Social isolation



kaggle

Data Set

- Name: Suicide Rates Overview 1985 to 2016
- Source: Kaggle
- Compiled dataset with 12 columns and 27820 rows

| | country | year | sex | age | suicides_no | population | suicides/100k pop | country-year | HDI for year | gdp_for_year (\$) | gdp_per_capita (\$) | generation |
|-------|------------|------|--------|-------------|-------------|------------|-------------------|----------------|--------------|-------------------|---------------------|-----------------|
| 0 | Albania | 1987 | male | 15-24 years | 21 | 312900 | 6.71 | Albania1987 | NaN | 2,156,624,900 | 796 | Generation X |
| 1 | Albania | 1987 | male | 35-54 years | 16 | 308000 | 5.19 | Albania1987 | NaN | 2,156,624,900 | 796 | Silent |
| 2 | Albania | 1987 | female | 15-24 years | 14 | 289700 | 4.83 | Albania1987 | NaN | 2,156,624,900 | 796 | Generation X |
| 3 | Albania | 1987 | male | 75+ years | 1 | 21800 | 4.59 | Albania1987 | NaN | 2,156,624,900 | 796 | G.I. Generation |
| 4 | Albania | 1987 | male | 25-34 years | 9 | 274300 | 3.28 | Albania1987 | NaN | 2,156,624,900 | 796 | Boomers |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 27815 | Uzbekistan | 2014 | female | 35-54 years | 107 | 3620833 | 2.96 | Uzbekistan2014 | 0.675 | 63,067,077,179 | 2309 | Generation X |
| 27816 | Uzbekistan | 2014 | female | 75+ years | 9 | 348465 | 2.58 | Uzbekistan2014 | 0.675 | 63,067,077,179 | 2309 | Silent |
| 27817 | Uzbekistan | 2014 | male | 5-14 years | 60 | 2762158 | 2.17 | Uzbekistan2014 | 0.675 | 63,067,077,179 | 2309 | Generation Z |
| 27818 | Uzbekistan | 2014 | female | 5-14 years | 44 | 2631600 | 1.67 | Uzbekistan2014 | 0.675 | 63,067,077,179 | 2309 | Generation Z |
| 27819 | Uzbekistan | 2014 | female | 55-74 years | 21 | 1438935 | 1.46 | Uzbekistan2014 | 0.675 | 63,067,077,179 | 2309 | Boomers |

27820 rows × 12 columns

Tasks

- Suicides worldwide/100k people
- Suicides worldwide as per GDP/capita
- Suicide rate as per Country
- Average rate of suicides/100k as per a particular country
- Suicide rates as per Country and Age
- Suicide rates as per Country and Gender

Dashboard

☰ Suicide Rates Overview



Worldwide Suicides & GDP per capita

By Gender Worldwide Suicides & GDP per capita

By Age Worldwide Suicides & GDP per capita

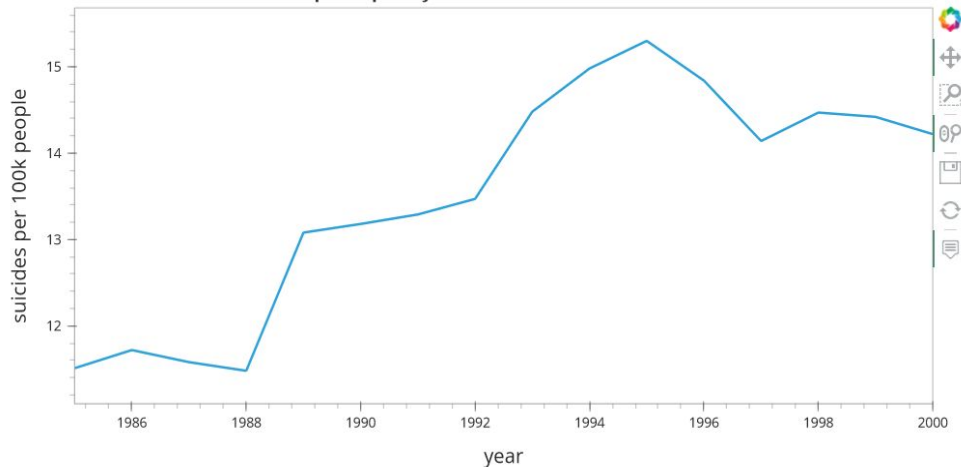
Year slider: 2000



suicides per 100k people

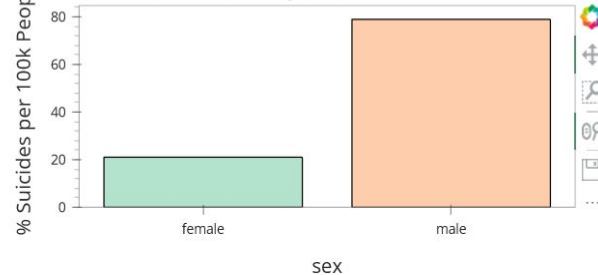
gdp per capita(\$)

Worldwide Suicides & GDP per Capita by Year



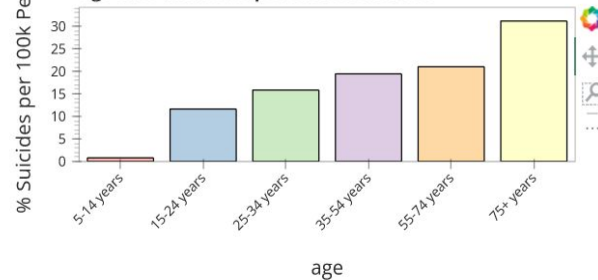
% Suicides per 100k People

Gender wise %Suicides per 100k: 1985-2016



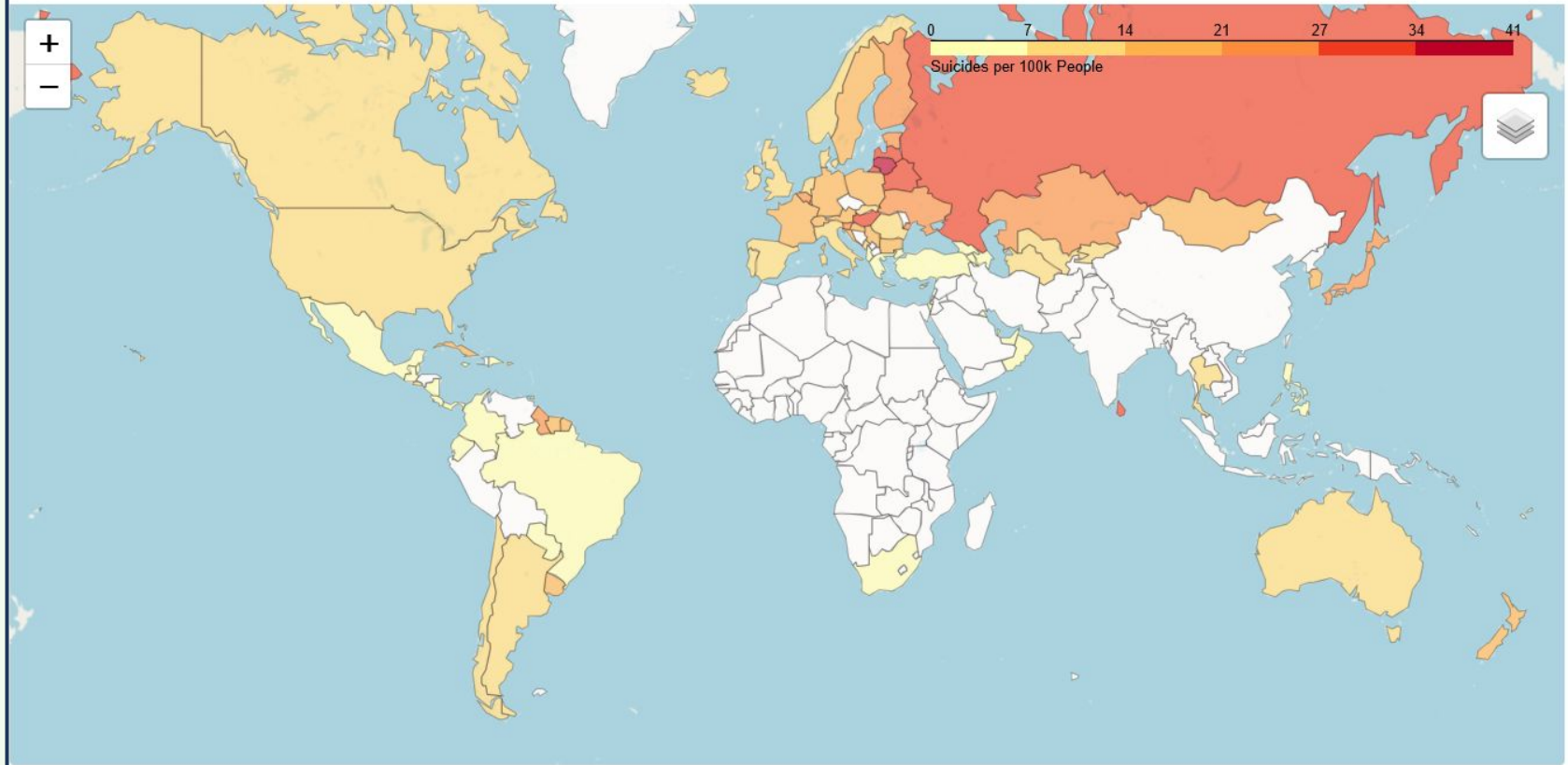
% Suicides per 100k People

Age wise %Suicides per 100k: 1985-2016



Suicides by Country

1985-2016



Select Country

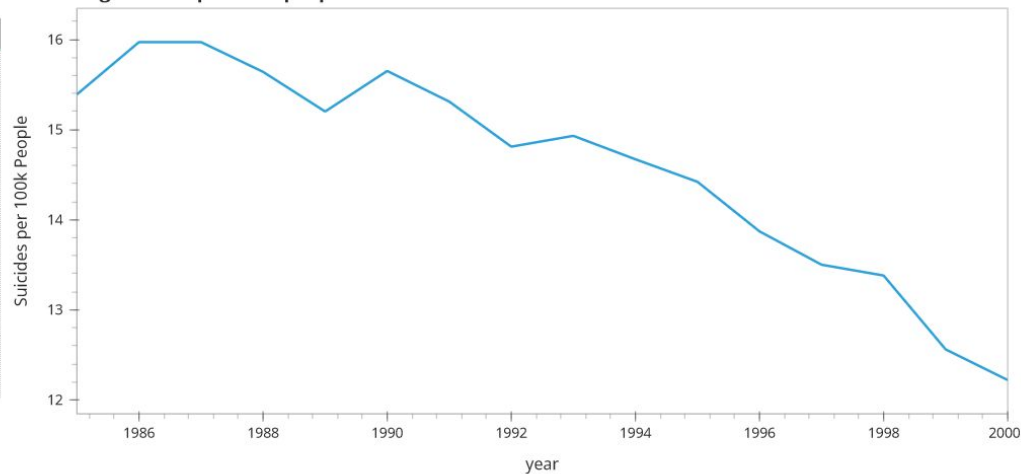
United States of America

Year slider: 2000

Data Table

| # | year | Suicides per 100k People |
|----|-------|--------------------------|
| 0 | 1,985 | 15.39 |
| 1 | 1,986 | 15.97 |
| 2 | 1,987 | 15.97 |
| 3 | 1,988 | 15.64 |
| 4 | 1,989 | 15.2 |
| 5 | 1,990 | 15.65 |
| 6 | 1,991 | 15.31 |
| 7 | 1,992 | 14.81 |
| 8 | 1,993 | 14.93 |
| 9 | 1,994 | 14.67 |
| 10 | 1,995 | 14.42 |

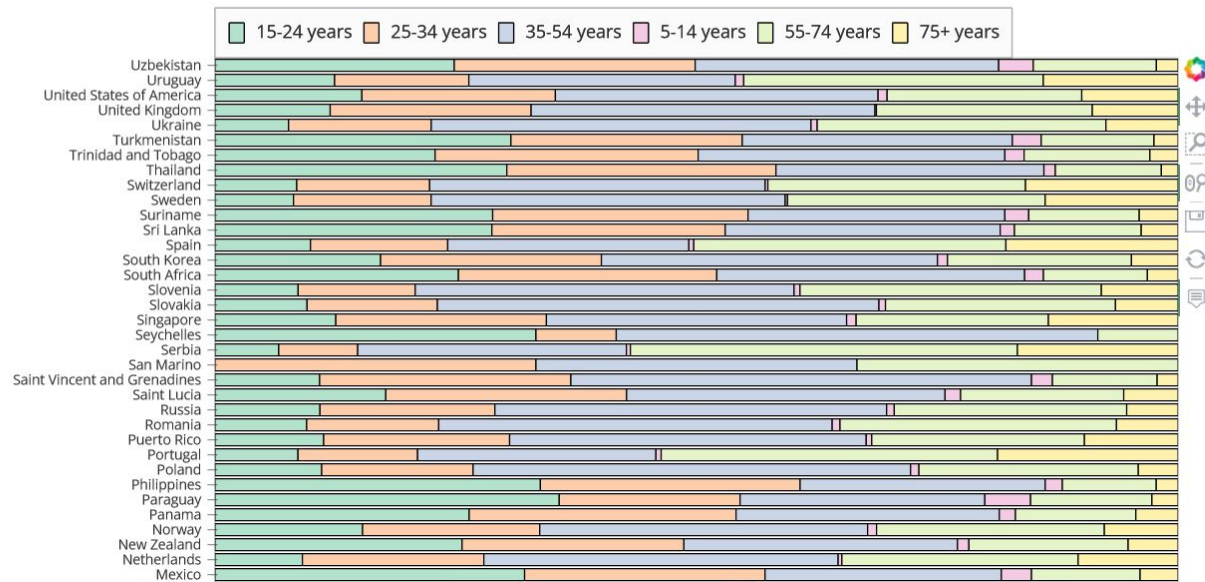
Avg Suicides per 100k people

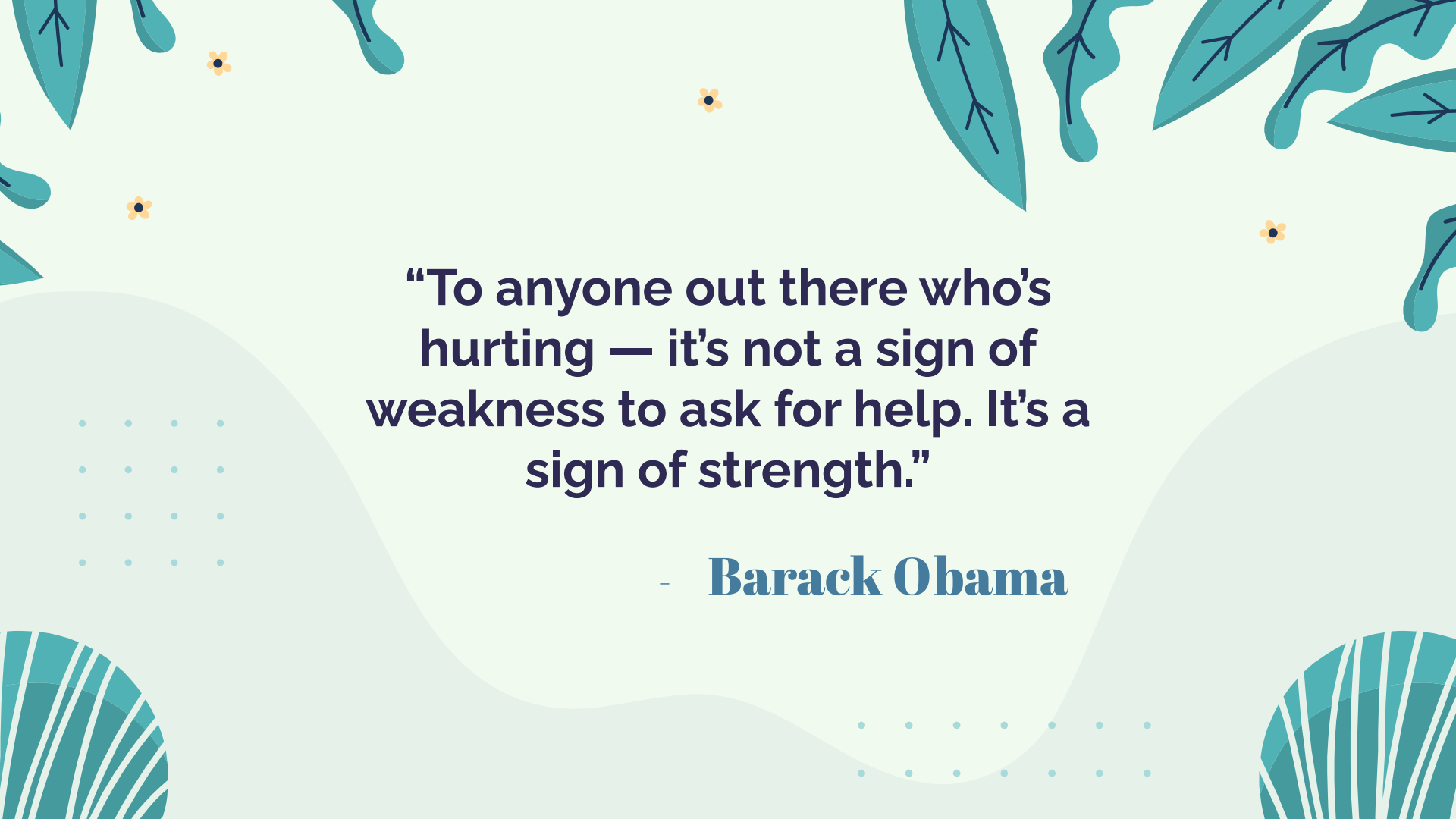


Country wise Suicide per 100k People Suicides by Country & Gender Suicides by Country & Age

Year slider: 2000

Suicides by Country & Age 1985-2016





**“To anyone out there who’s
hurting — it’s not a sign of
weakness to ask for help. It’s a
sign of strength.”**

- Barack Obama



Suicide Prevention

- Limit access to the means of suicide.
- Interact with the peers and media for responsible reporting of suicide.
- Foster socio-emotional life skills in adolescents.
- Early identify, assess, manage and follow up anyone who is affected by suicidal behaviours.

Resources

- United Nations Development Program. (2018). Human development index (HDI). Retrieved from <http://hdr.undp.org/en/indicators/137506>
- World Bank. (2018). World development indicators: GDP (current US\$) by country:1985 to 2016. Retrieved from <http://databank.worldbank.org/data/source/world-development-indicators#>
- [Szamil]. (2017). Suicide in the Twenty-First Century [dataset]. Retrieved from <https://www.kaggle.com/szamil/suicide-in-the-twenty-first-century/notebook>
- World Health Organization. (2018). Suicide prevention. Retrieved from http://www.who.int/mental_health/suicide-prevention/en/
- <https://www.kaggle.com/datasets/russellyates88/suicide-rates-overview-1985-to-2016>
- <https://www.who.int/news-room/fact-sheets/detail/suicide>

The image features a light green background with a large, irregular, cream-colored shape in the center. In the corners, there are stylized teal leaf illustrations. On the left and right sides, there are vertical columns of small teal dots. The text "Thank You!" is centered within the cream-colored shape.

Thank You!