VIRTUAL RESEARCH COLLABORATION

2021 Edition on Covid-19 related research.

Medical Treatment and Therapies Camila I. de Oliveira

INSTITUTIONAL SUPPORTER:

Programa Diplomacia Inovação





ORGANIZATION:





R: CO-ORGANIZATION:





Daily new confirmed COVID-19 cases per million people 7-day rolling average. Due to limited testing, the number of confirmed cases is lower than the true number of infections.



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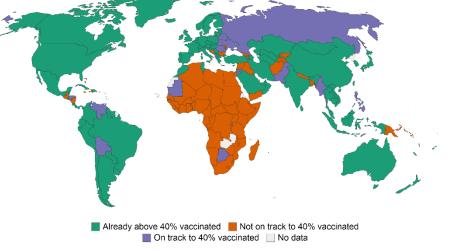


Source: Johns Hopkins University CSSE COVID-19 Data

COVID-19: which countries are on track to have vaccinated 40% of their population with at least 1 dose by the end of 2021?

Projections are based on each country's last-reported vaccination coverage, and the number of people vaccinated for the first time in the last 14 days.

Our World in Data



Source: Data collection and projections by Our World in Data, based on official sources. Last updated: November 4, 2021 Note: We exclude countries that have not reported data for more than 30 days. The global target of 40% has been set in August 2021 by the United Nations, World Health Organization, World Bank, International Monetary Fund, and World Trade Organization. OurWorldInData.org/coronavirus + CC BY

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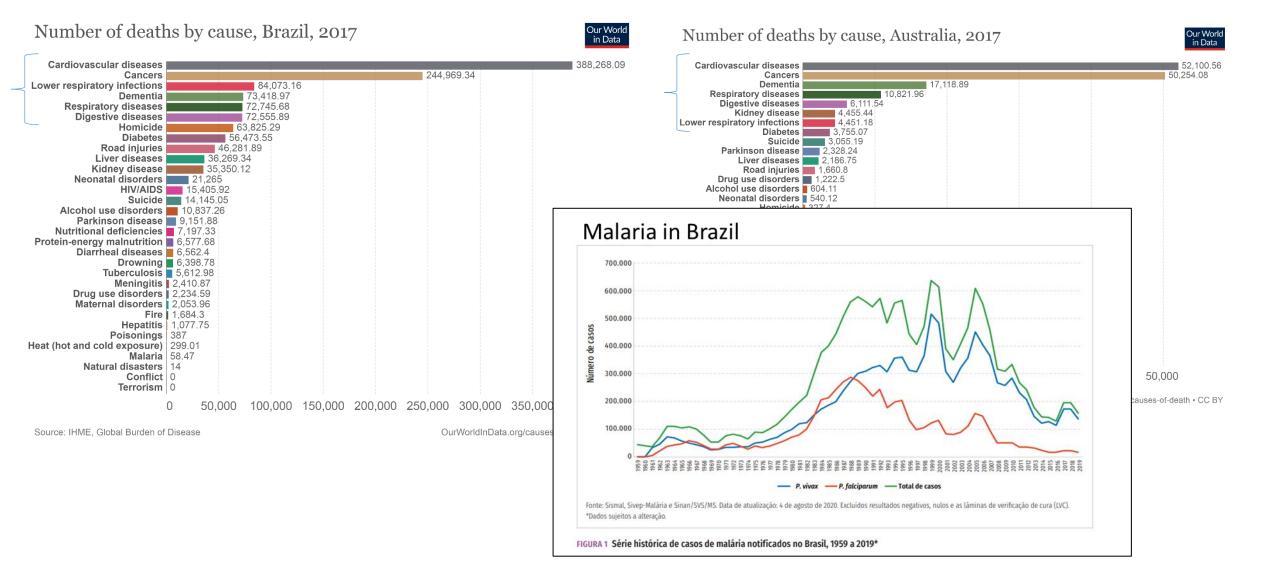
Deaths by cause in Brazil and in Australia

Number of deaths by cause, Brazil, 2017 Our World Number of deaths by cause, Australia, 2017 Our World in Data in Data Cardiovascular diseases 388,268.09 Cardiovascular diseases 52,100.56 244,969.34 Cancers Cancers 50.254.08 Dementia Lower respiratory infections 84,073.16 17.118.89 Respiratory diseases 10.821.96 73,418.97 Dementia Digestive diseases 6.111.54 Respiratory diseases 72,745.68 Kidney disease 4.455.44 Digestive diseases 72,555.89 Lower respiratory infections 4,451.18 Homicide 63.825.29 Diabetes 3.755.07 Diabetes 56,473.55 Suicide 3,055.19 46,281.89 Road injuries Parkinson disease 2.328.24 Liver diseases 36.269.34 Liver diseases 2,186.75 Kidney disease 35,350.12 Road injuries 1,660.8 Neonatal disorders 21,265 Drug use disorders 1,222.5 HIV/AIDS 15,405,92 Alcohol use disorders 604.11 Neonatal disorders 540.12 Suicide 14,145.05 Homicide 327.4 Alcohol use disorders 10.837.26 Drowning 215.47 Parkinson disease 9,151.88 Diarrheal diseases 187.52 Nutritional deficiencies 7,197.33 Fire | 162.14 Protein-energy malnutrition 6.577.68 Nutritional deficiencies | 121.43 Diarrheal diseases 6,562.4 Hepatitis 108.05 Drowning 6,398.78 Protein-energy malnutrition 95.21 Tuberculosis 5,612.98 Tuberculosis 88.66 Meningitis 2.410.87 HIV/AIDS 76.58 Drug use disorders 2,234.59 Heat (hot and cold exposure) 69.13 Meningitis 56.8 Maternal disorders 2,053.96 Poisonings 53.21 Fire | 1.684.3 Maternal disorders 14.76 Hepatitis 1,077.75 Natural disasters 12 Poisonings 387 Terrorism 4 Heat (hot and cold exposure) 299.01 Conflict 0 Malaria 58.47 Malaria 0 Natural disasters 14 Conflict 0 0 10.000 20.000 30,000 40.000 50.000 Terrorism 0 Source: IHME, Global Burden of Disease OurWorldInData.org/causes-of-death • CC BY 0 100,000 150,000 200,000 250,000 300,000 350,000 50.000

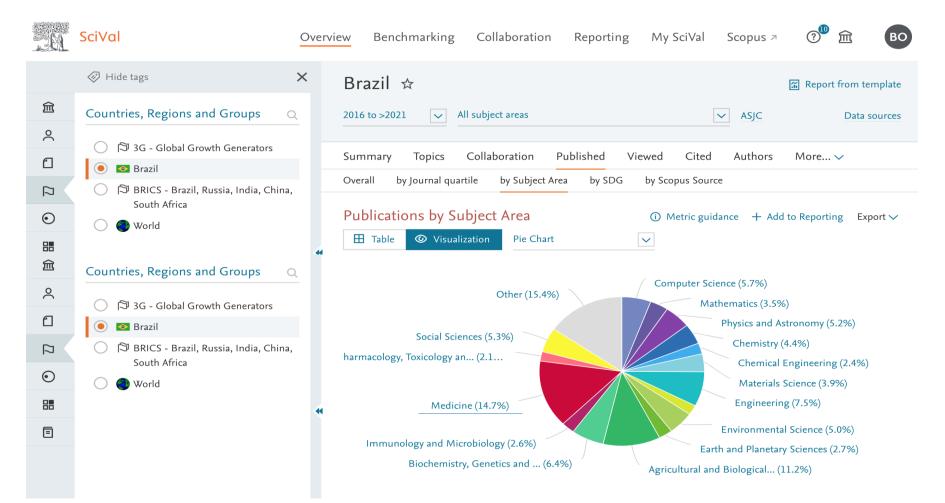
Source: IHME, Global Burden of Disease

OurWorldInData.org/causes-of-death • CC BY

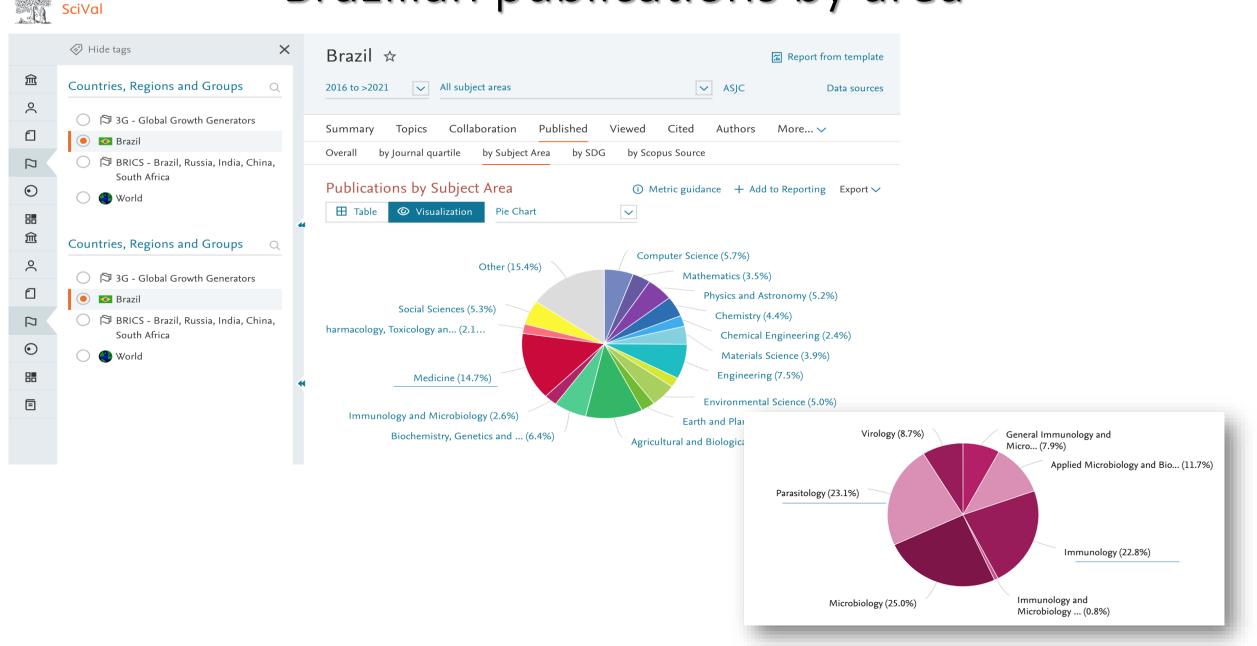
Deaths by cause in Brazil and in Australia



Brazilian publications by area



Brazilian publications by area



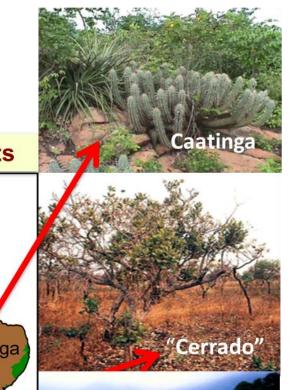
BRAZILIAN BIODIVERSITY A world of opportunities

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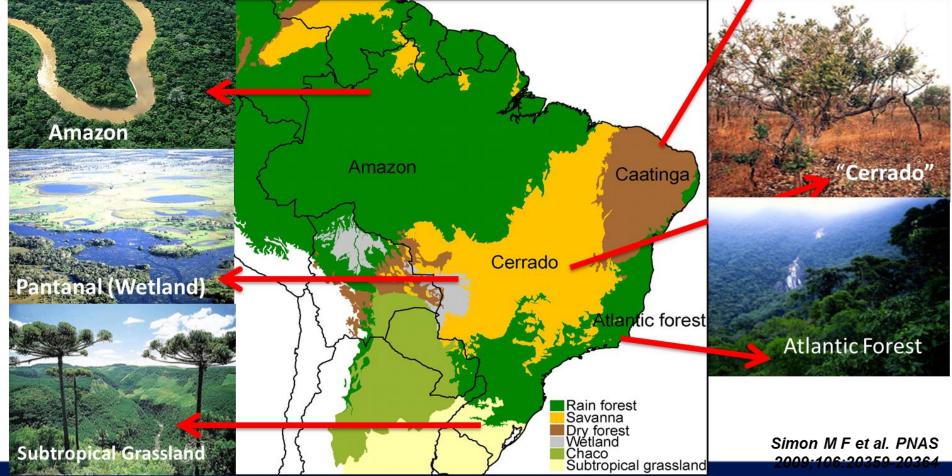
VIRTUAL RESEARCH

✓ Brazil is a country with a unique terrestrial biodiversity

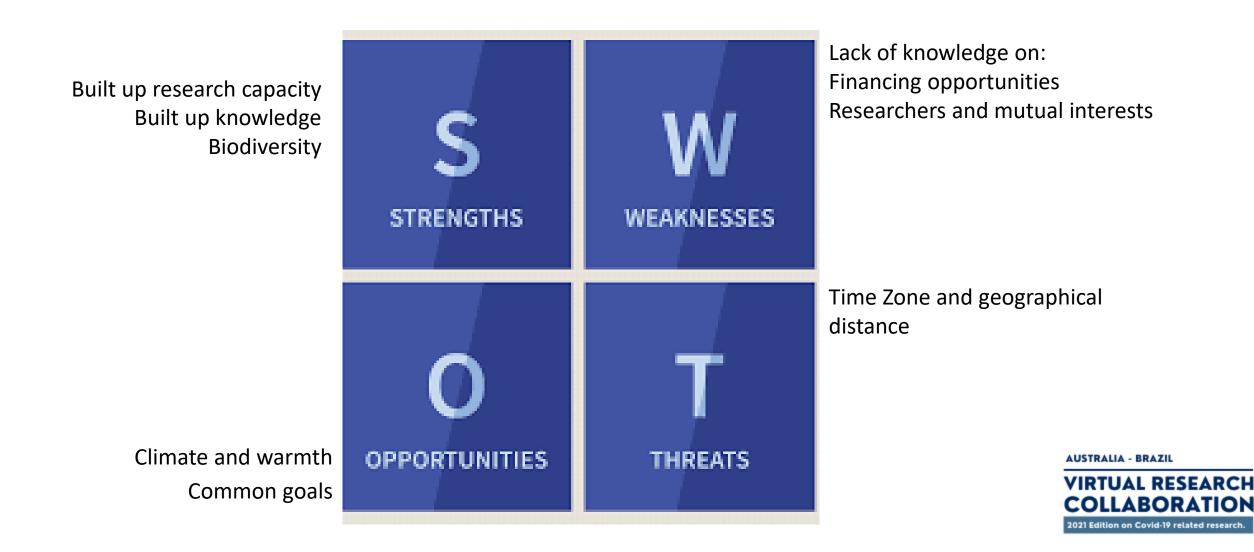
- $\sqrt{70\%}$ of all species, including animals and plants on Earth;
- ✓ 15-20% of the World's biodiversity huge endemism;
- ✓ ~ 7% of the total terrestrial plant species are endemics
- ✓ ~ 18.000 species occur on in Brazilian territory (Lewinsonhn, T. M. 2002)



(Hidden) potential for the development of natural products



Medical Treatments and Therapies



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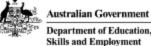
THANK YOU / OBRIGADA

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ORGANIZATION:



