

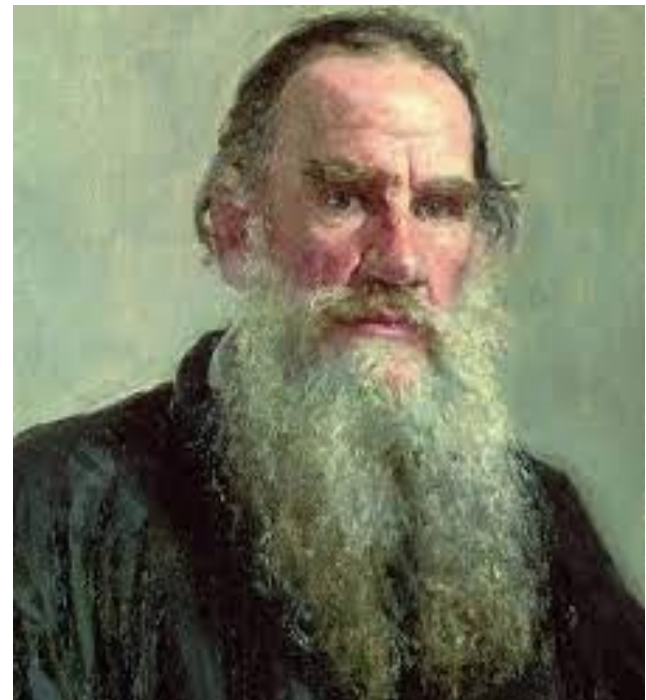
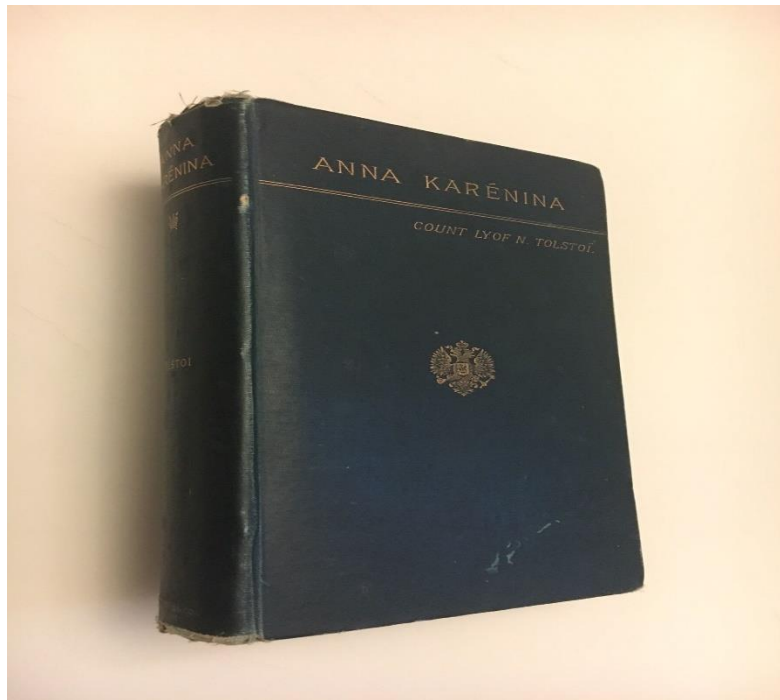
Pharma Research, Vaccine Nationalism and Sustainability in Times of Pandemic

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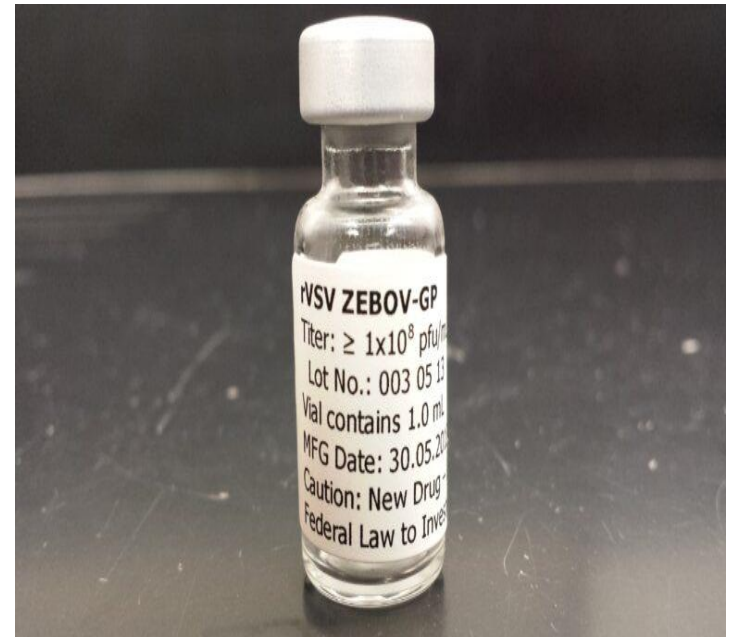
Sustainability and academic research, 4 June 2021

Happy families are all alike; every unhappy family is unhappy in its own way – Leo Tolstoy 1877



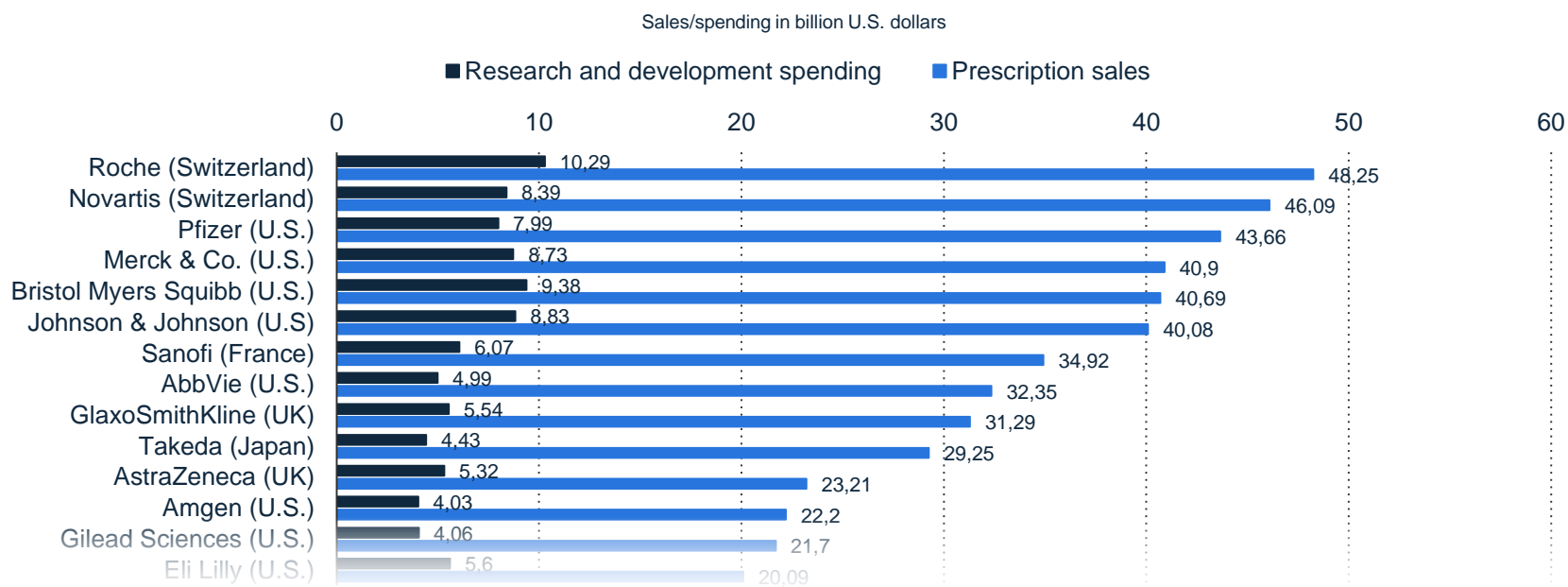


Ebola Virus Disease (EVD)



Top 50 global pharmaceutical companies by prescription sales and R&D spending in 2019 (in billion U.S. dollars)

Top 50 pharmaceutical companies - Rx sales and R&D spending 2019



Note(s): Worldwide

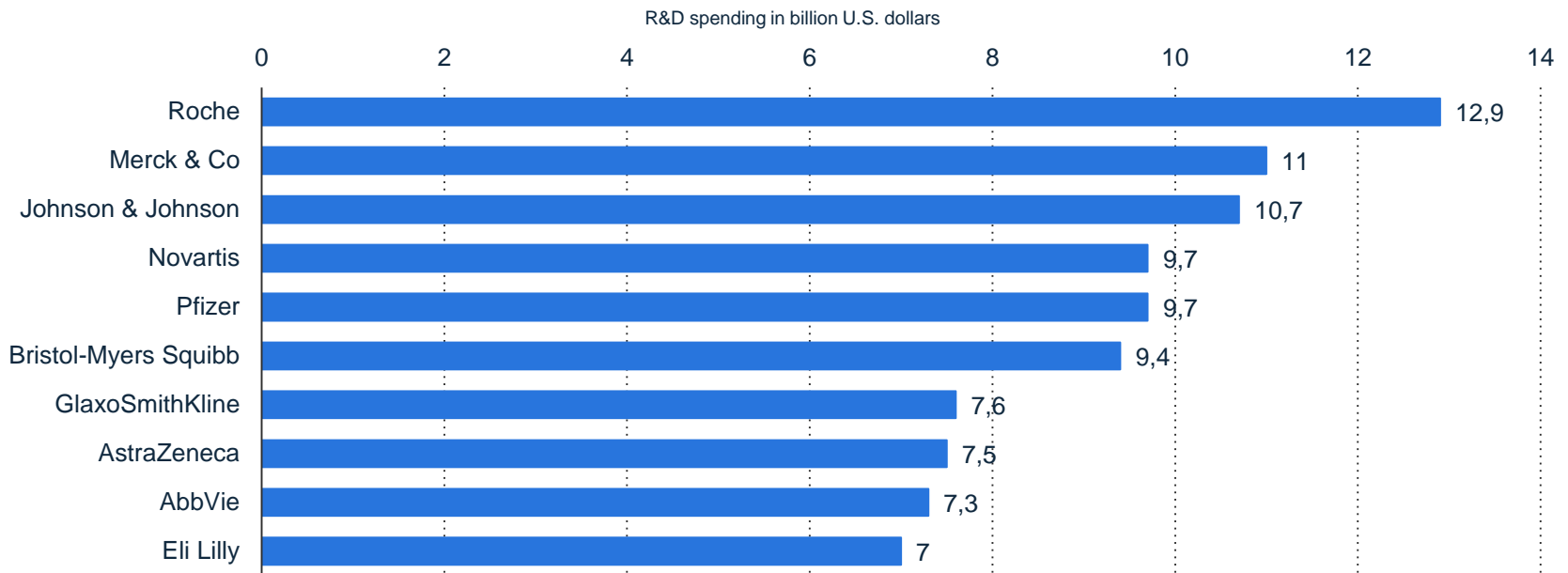
Further information regarding this statistic can be found on [page 8](#).

Source(s): Pharmaceutical Executive; Evaluate; [ID 273029](#)

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Global top 10 pharmaceutical companies based on projected R&D spending in 2026 (in billion U.S. dollars)

Global top pharmaceutical companies based on R&D spending 2026



Note(s): Worldwide; as of June 2020

Further information regarding this statistic can be found on [page 8](#).

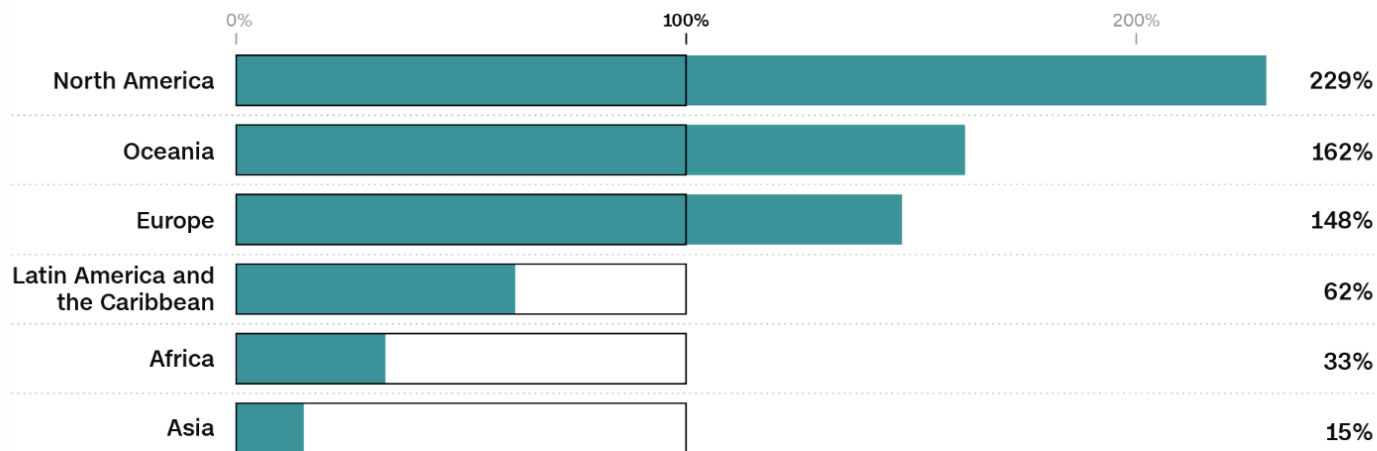
Source(s): Evaluate; [ID 309469](#)

2

Inequity in Covid-19 vaccine deals

North American countries have purchased enough doses to fully vaccinate the region's population more than twice, while countries in Africa have only secured enough doses to cover a third of the continent's population.

Share of regions' populations able to be fully vaccinated with doses bought



In addition, the global **COVAX** program has purchased enough doses to inoculate 705 million people. The doses will be distributed among 190 participating countries, with the **aim to vaccinate 20% of the population in the 92 lower income countries.**



Source: Duke Global Health Innovation Center (Jan. 29, 2021); World Population Prospects 2019, United Nations; Gavi
Graphic: Krystina Shveda and Henrik Pettersson, CNN

COVAX

CEPI

