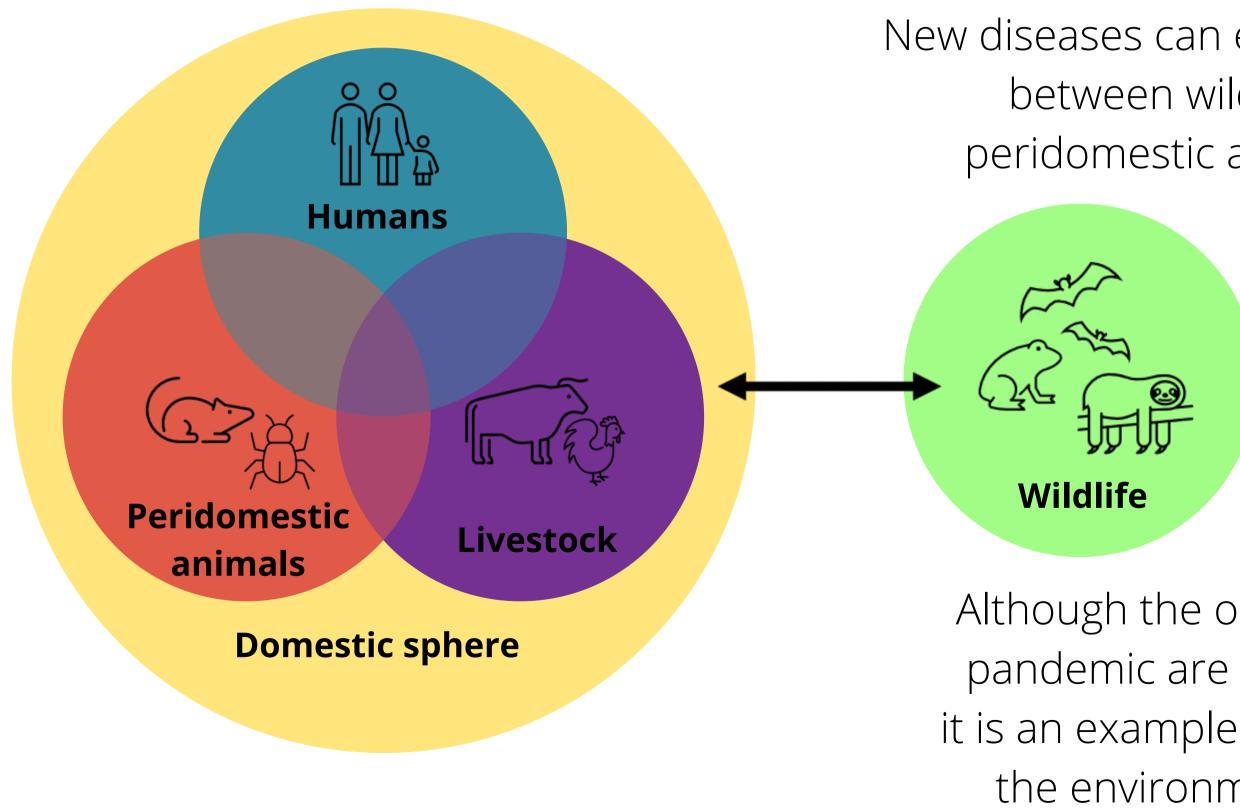
Emerging diseases





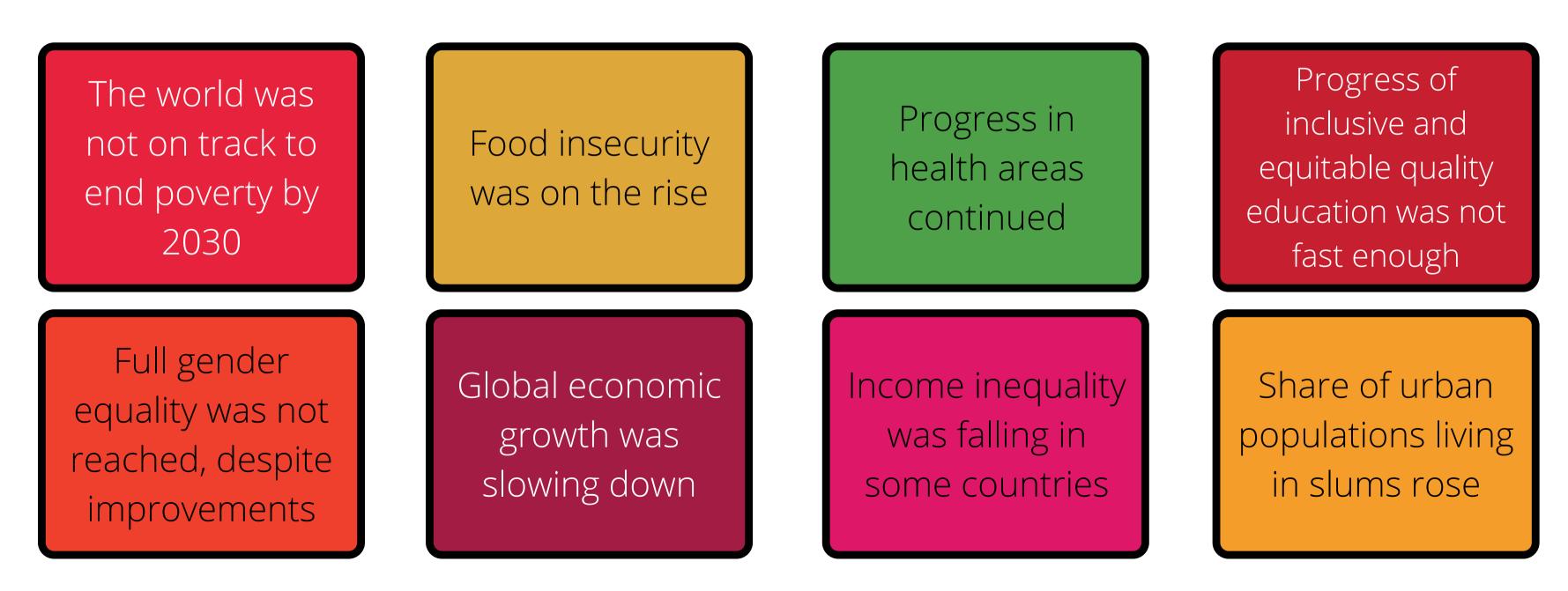
^{Partnerships} for Science **Education**

New diseases can emerge from the interface between wild animals, livestock, peridomestic animals, and humans.

Although the origins of the COVID-19 pandemic are yet to be determined, it is an example to how human life and the environment are connected.

The COVID-19 pandemic and the SDGs

Before the COVID-19 pandemic, there was some progress towards achieving important goals, but for others, progress had either stalled or reversed.





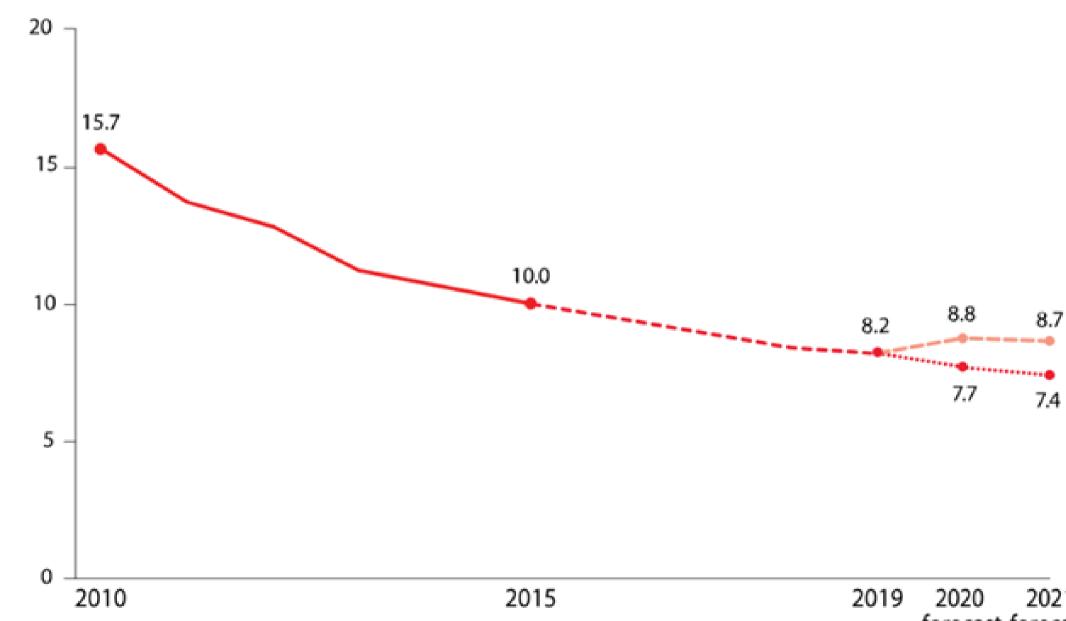
Partnerships For Science Education

COVID-19 and SDG 1- No Poverty

The COVID-19 pandemic led to the first rise in the proportion of people living in extreme poverty in over 20 years.

It is estimated that the pandemic pushed 119-124 million people into poverty

Proportion of people living below \$1.90 a day, 2010-2015, 2019 nowcast, and forecast before and after COVID-19 (percentage)





^partnerships ^for Science **Education**



COVID-19 and SDG 2- Zero Hungry

Before the COVID-19 pandemic, the number of people experiencing food insecurity had increased between 2014 and 2019.

Around 650 million people experienced hunger in 2019. The pandemic exacerbated world hunger, with between 70 and 161 million more people been pushed into chronic hunger in 2020.



Source: United Nations. Report 2020. https://sdgs.un.org/goals/goal2



720-811 million 2020

COVID-19 and SDG 3- Good Health and Well-Being

The pandemic has halted or reversed progress in health and shortened life expectancy.

Around 90% of countries reported disruptions to essential health services, including in the areas of maternal, child and adolescent health, mental, neurological and substance use disorders, neglected tropical diseases, tuberculosis, HIV and hepatitis B and C, malaria, cancer screening, services for noncommunicable diseases such as hypertension and diabetes, family planning and contraception, urgent dental care, and immunizations.

18%	of countries reported disruptions in 75–100% of services
24%	of countries reported disruptions in 50–74% of services
29%	of countries reported disruptions in 25–49% of services
20% со	ountries reported disruptions in less than 25% of services
8% of countries reported no disruptions.	

Source: World Health Organization. Third round of the global pulse survey on continuity of essential health services during the COVID-19 pandemic, Second semester 2021

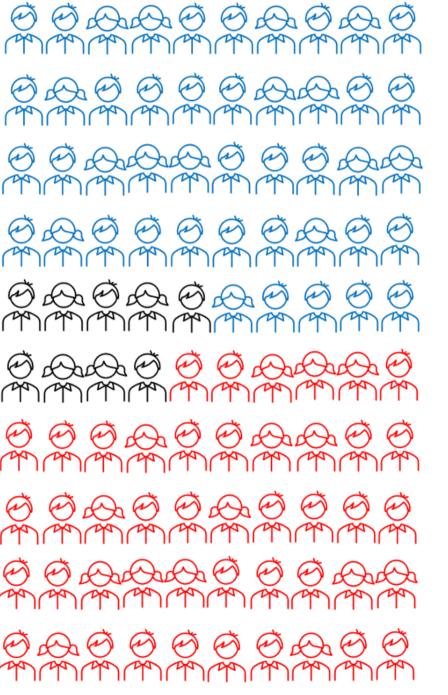




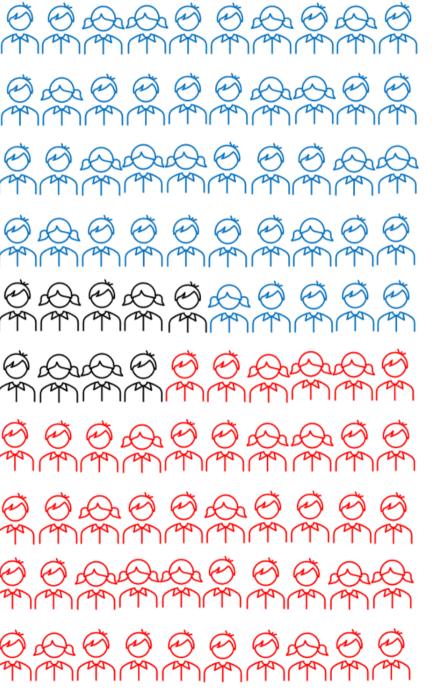
COVID-19 and SDG 4- Quality Education

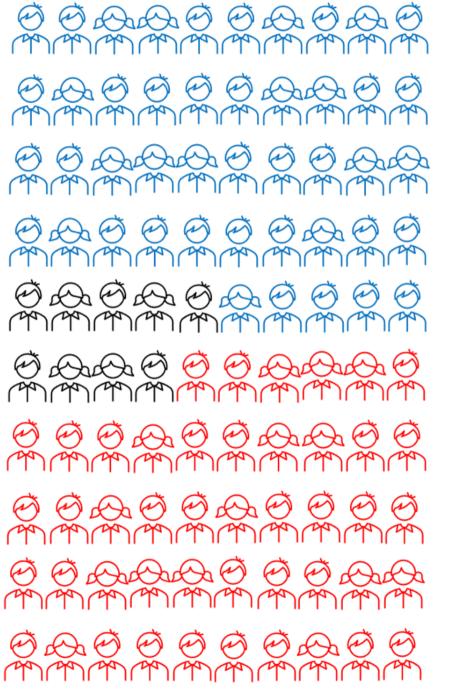
Before the pandemic, there were still 258 million children and youth out of school in 2018, the majority of them in sub-Saharan Africa and Southern Asia.

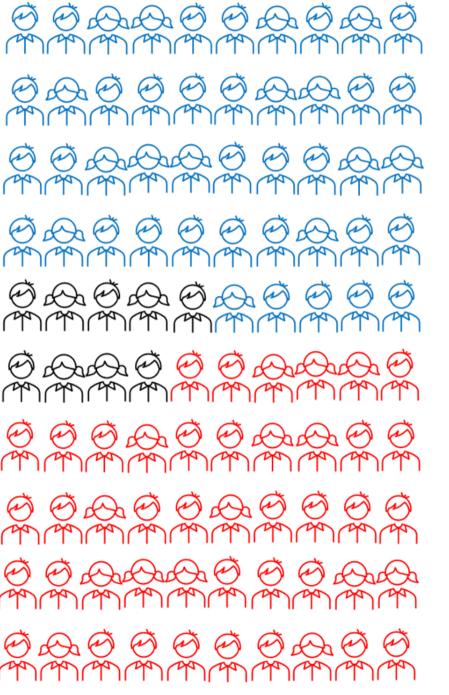
During the pandemic, it is estimated that million additional children and 101 young people (9% of children in grades 1 through 8) fell below the minimum reading proficiency level in 2020, erasing some of the gains obtained in the last 20 years.

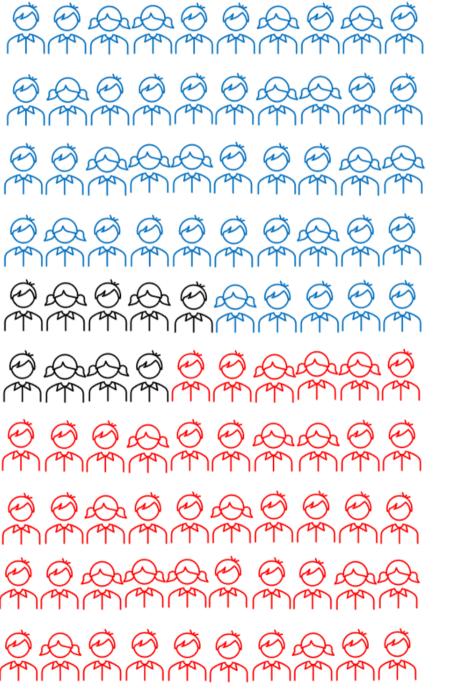


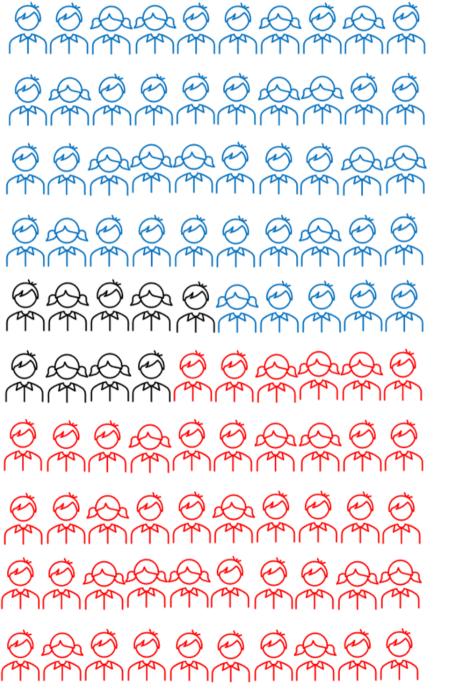














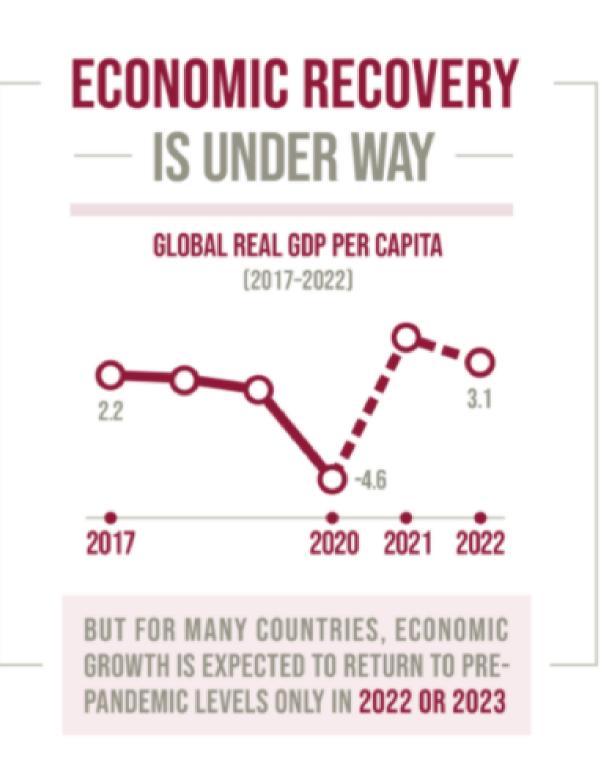
Minimum reading proficiency in 2020

Proficient: 45%

Not proficient: 55%

(additional 9% during the pandemic)

COVID-19 and SDG 8- Decent Work and Economic Growth



The COVID-19 pandemic caused the worst global economic recession in the last years, with a great impact on working times and income. The real GDP per capita growth rate fell by 4.2% in 2020, and started to increase again in 2021.

The pandemic led to the loss of the equivalent of 255 million full-time jobs, with the unemployment rate increasing by 6.5%.

Source: United Nations. Report 2020. https://sdgs.un.org/goals/goal8





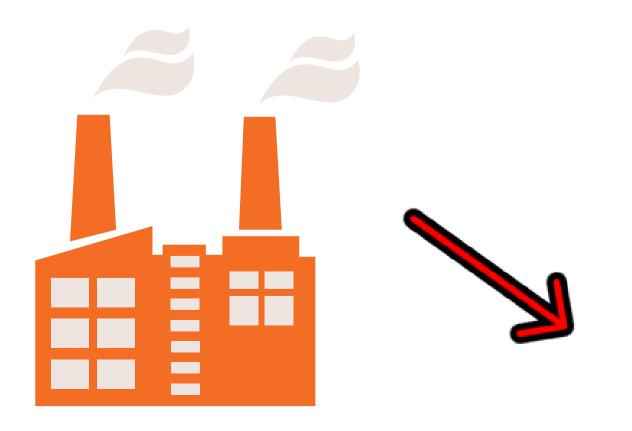


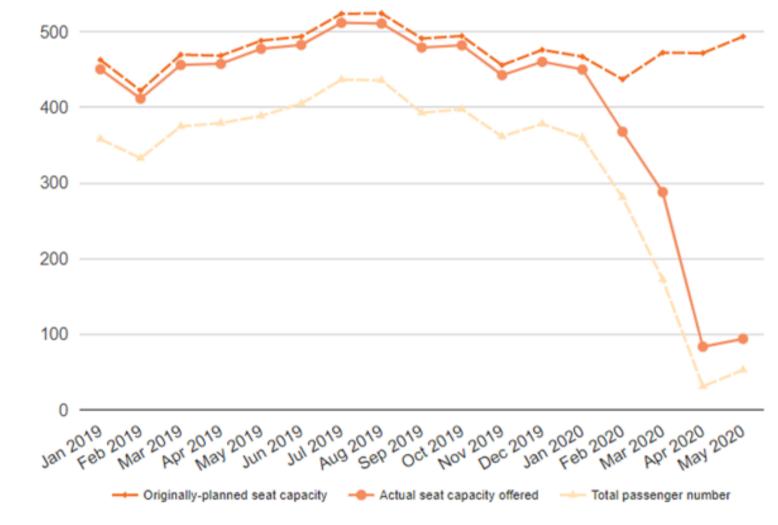


COVID-19 and SDG 9- Industry, Innovation and Infrastructure

Air seat capacity and number of air passengers, January 2019 to May 2020 (millions)

The global manufacturing production plummeted during the COVID-19 pandemic, falling 6.8% in 2020, due to impact in industries, job losses, declining incomes, and disruptions for global value chains both in supply and demand.





Source: United Nations. Report 2020. https://unstats.un.org/sdgs/report/2020/Overview/

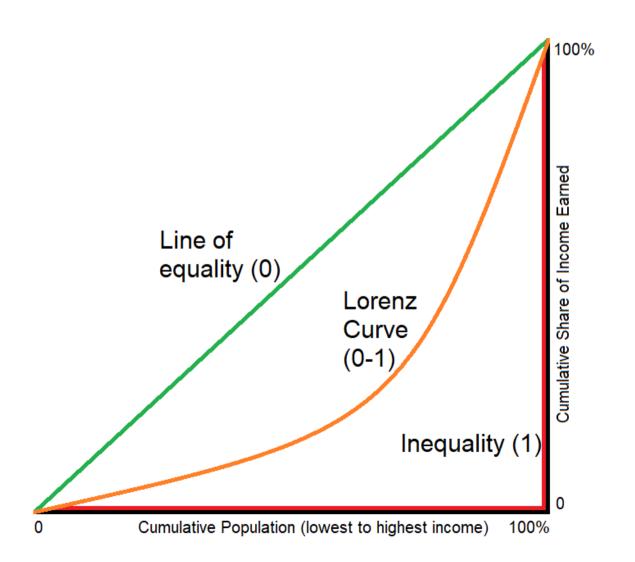
The aviation industry, which is a great driver of economic development, suffered a steep decline in 2020.



Partnership for Scienc Educatio

COVID-19 and SDG 10- Reduced Inequalities

Estimated increase in the average GINI index for emerging markets and developing countries by more than 6% during the COVID-19 pandemic



The number of refugees reached its highest level ever in 2020, more than doubling since 2010, reaching 311 refugees per 100,000 persons.

There were over 4,000 deaths and disappearances recorded on migratory routes worldwide.



Partnerships for Science **Education**



COVID-19 and SDGs- Lessons for sustainability

The COVID-19 pandemic and its impact brings severe challenges in the achievement of the SDGs. However, this crisis also brings the opportunity for governments, business, industries, and societies to recognize the importance of acting with the necessary strength and in the necessary direction to solve environmental, social and economic crisis.

