

# WHO Global Observatory on Health Research and Development (R&D)

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## Overview and information on COVID-19 R&D resources

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# What is the Global Observatory on Health R&D?

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- A comprehensive source for up-to-date global information and analysis on **health R&D**, including **resources, processes, outputs**.
- Supports evidence-informed decisions related to R&D gaps, funding and capacity.
- **Scope:** all health and health-related fields and all types of research
- **Target users:** Governments, policy-makers, funders, researchers.

**New url:** <https://www.who.int/observatories/global-observatory-on-health-research-and-development>

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**Watch explainer video on  
what the Observatory is and  
what it includes:**

[https://www.youtube.com/watch?v=\\_1juHYqyKgw](https://www.youtube.com/watch?v=_1juHYqyKgw)

# Content is organized in six sections

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Monitoring  
inputs,  
processes  
and outputs



Benchmarking



R&D  
indicators



Analyses and  
syntheses



Databases  
and resources



Classifications  
and standards

# Examples of data that can be explored interactively

- **How much is spent on health R&D** by country from domestic and international sources
- **Which diseases, countries, institutions** were awarded **grants** for biomedical research from major international funders and **how much was awarded**
- **How many clinical trials** are ongoing or completed **by disease, country, phase** over the past 20 years
- What health **products (e.g., medicines, vaccines)** are **under development** and which are on market for all diseases, allowing assessment of gaps and opportunities
- How many **health researchers, teaching institutions, academic degrees** available for health research by **country, city and discipline**

## Underway:

- **how many publications** by country of **first author, disease, institutions, top funders, top journals**-- over the past 10 years

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## **Examples of data infographics that can be explored interactively (currently 25)**

- **COVID-19 R&D resources on WHO and external websites**
- **Interactive data infographics—analyzed by the Observatory**

# Global resources on COVID-19 R&D

- Collated by the Global Observatory on Health R&D
- Updated regularly: [Link to resources page](#)

Information and links is organized under the following sections:

- WHO response to R&D for COVID 19
- clinical trials
- health products
- funding
- publications (research)
- research (projects)
- clinical data

# Clinical trials

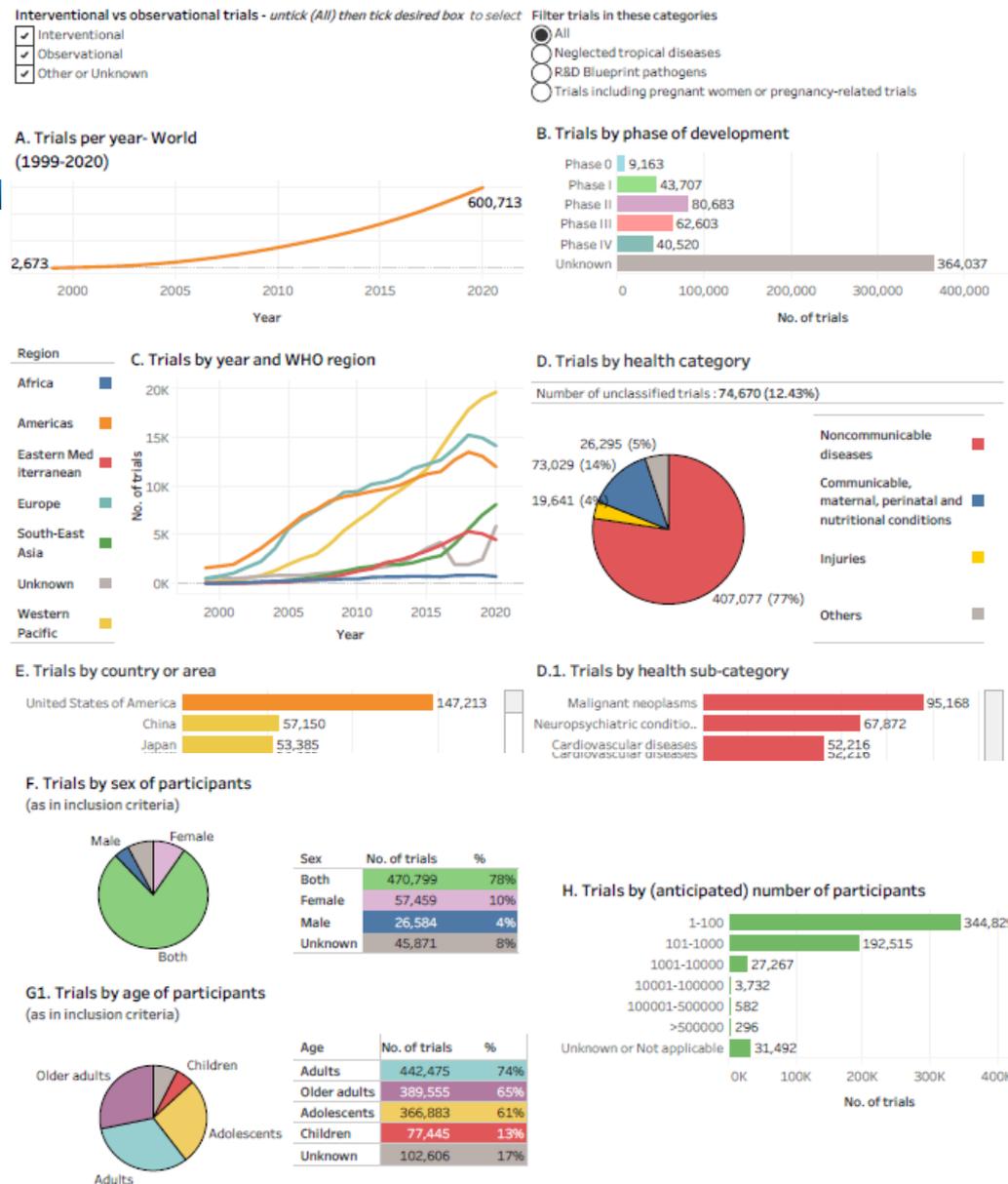
Clinical trials from WHO  
ICTRP data source

(data from 1999-2021)

Can explored by:

- year
- country
- Disease or condition
- phase of development
- age, sex and number of participants

[Link to infographic](#)



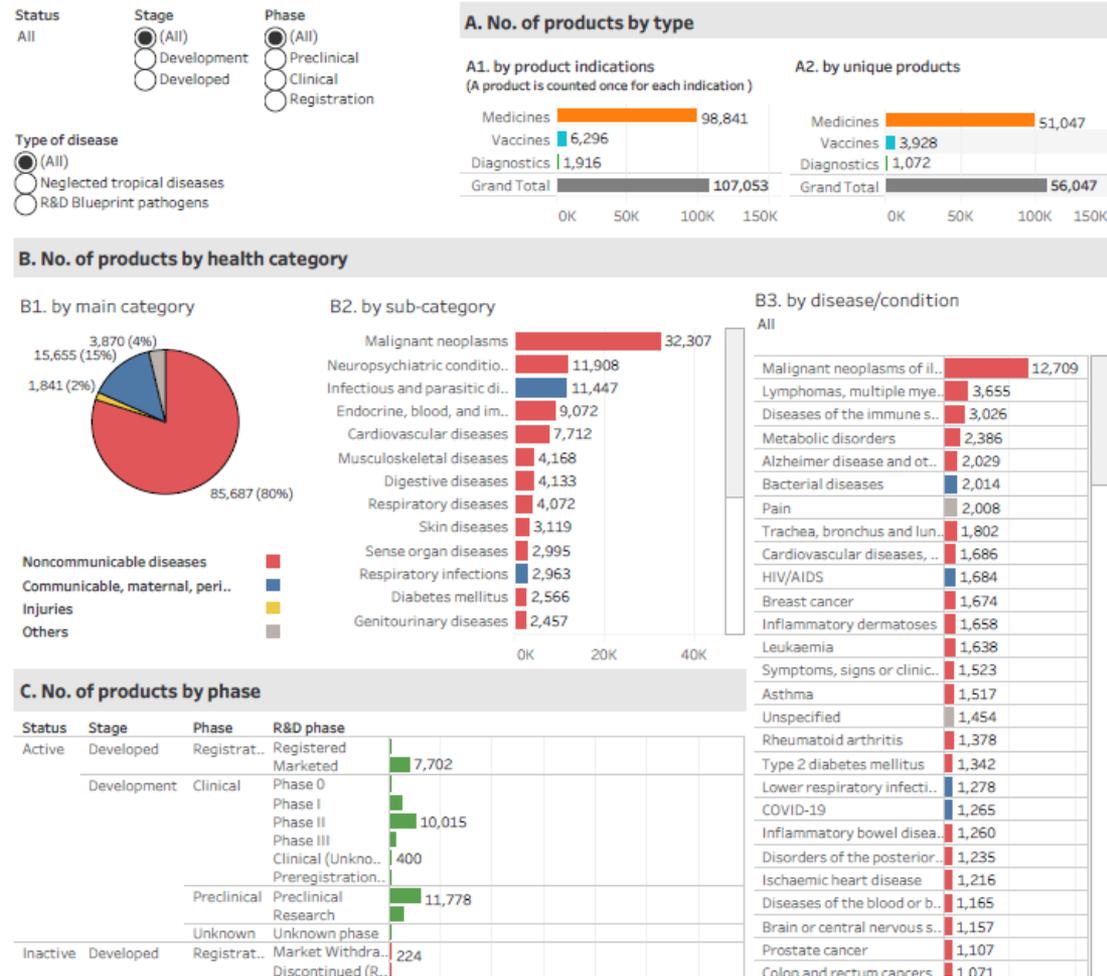
# Health products in the pipeline (AdisInsight)

> 107 000 product indications (medicines, vaccines and diagnostics incl. chemical entity)

Across all diseases from discovery to market launch

Updated monthly

[Link to infographic](#)



# Added value

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- A **harmonized and consistent approach** across the whole (R&D) space and all health conditions
- An **expanding analysis of unexploited data sources** to enhance knowledge and information sharing
  - emanating from **WHO's assessment of unmet public health needs** and its identified priorities.

# Acknowledging funding support

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- European Commission
- Government of France
- Government of Germany
- Government of Switzerland
- Government of the United States of America

For more information: <https://www.who.int/observatories/global-observatory-on-health-research-and-development> Email: [rd-observatory@who.int](mailto:rd-observatory@who.int)