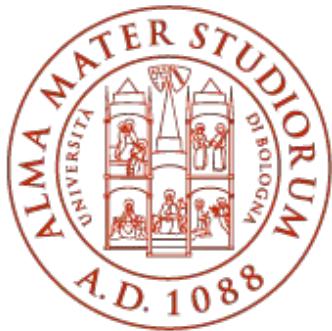


We begin at 11.15 while we wait for everyone to arrive and get comfortable.

In the meantime get ready:

- If you had filled the form, you should have gotten an invite to join a Datawrapper team with the email you have used to create the account. Accept the invitation to join the team (check the spam folder if you don't see it. If you still don't see it let me know).
- If you hadn't filled the [form](#) before, do so now before the beginning of the lesson.
- Download slides from Virtuale for access to links and datasets



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Alice Corona

Dipartimento di Scienze Statistiche "Paolo Fortunati"



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

96801 - LANGUAGE LABORATORY: COMMUNICATION OF STATISTICS AND DATA BUSINESS ANALYTICS

LESSON 6 - 26/11/2025

Alice Corona

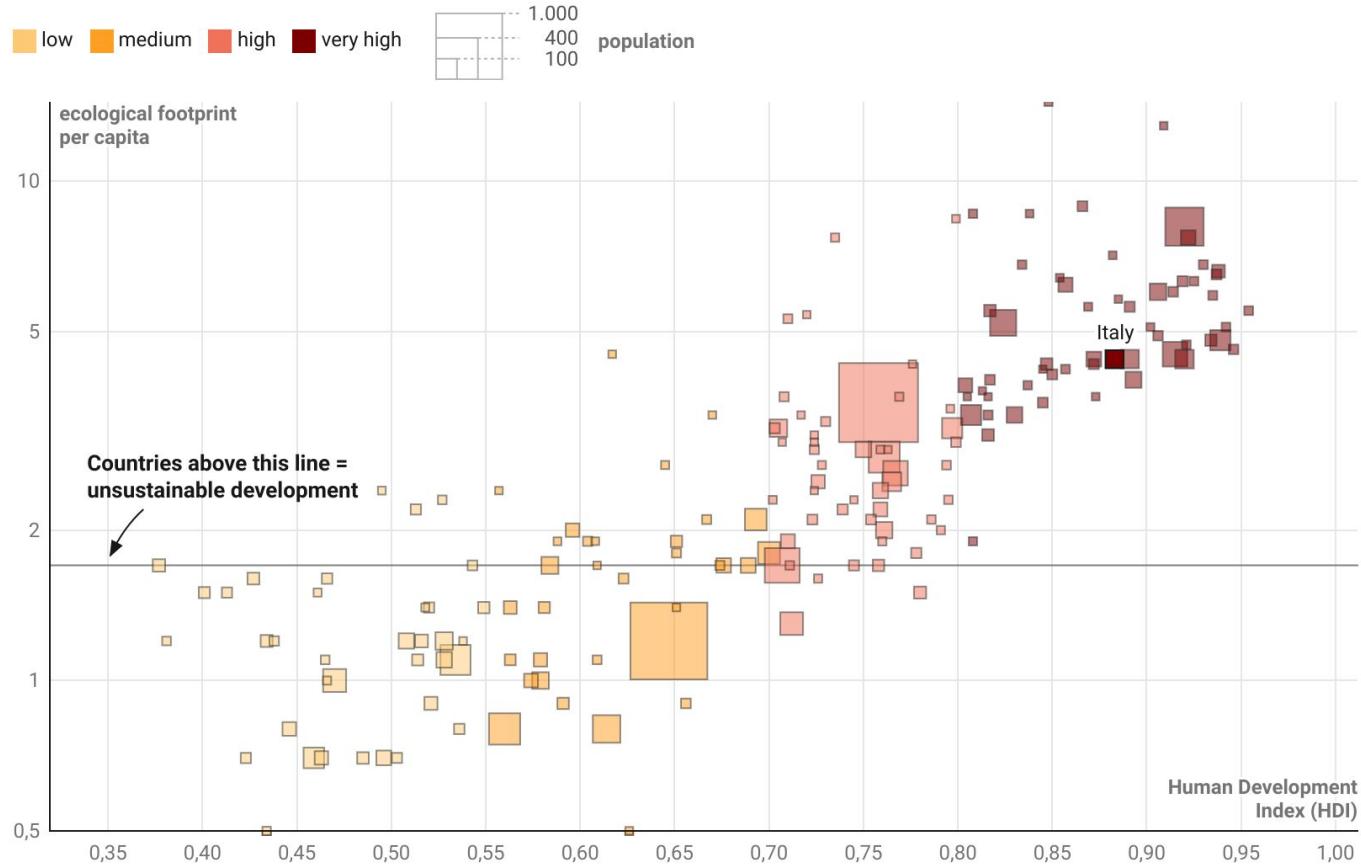
Dipartimento di Scienze Statistiche "Paolo Fortunati"

DATA VIZ WORKSHOP

Making charts with Datawrapper p.2

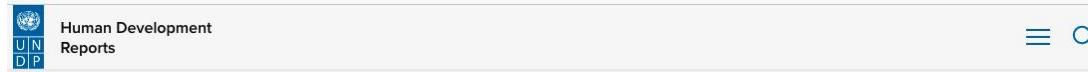
OTHER CHARTS

Highly developed countries all follow unsustainable development patterns

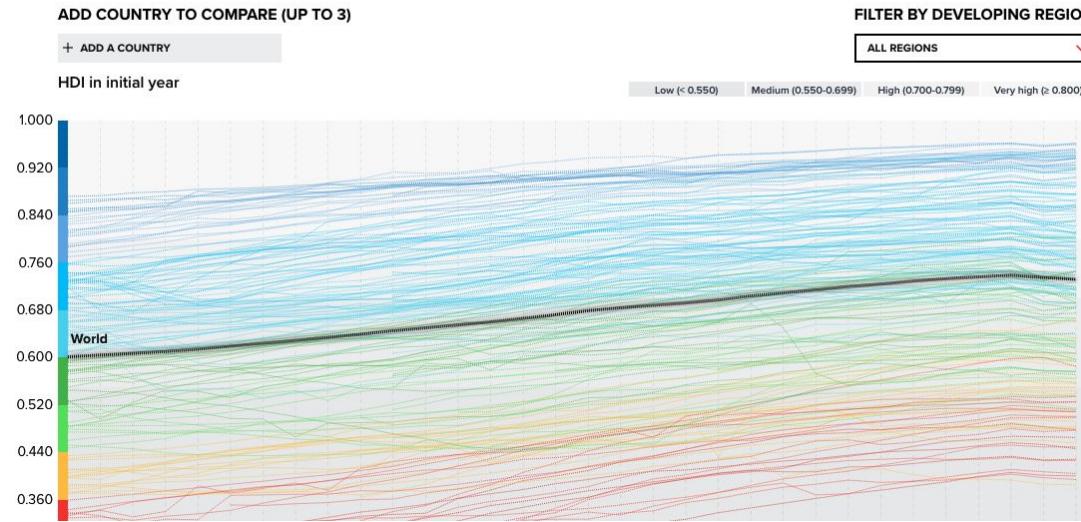


FIND THE DATA

Human Development Index Reports Data Center • [Origin](#)



Explore HDI



PREPARE THE DATA

Human Development Index Reports Data Center • [GSheet](#)

| | A | B | C | D | E | F | |
|----|----------------|---------------|-----------|------------|-------------------|-------------------|--|
| 1 | country | Human Develop | HDI class | population | ecological footpr | region | |
| 2 | Angola | 0.574 | medium | 30.8 | 1 | Subsaharan Africa | |
| 3 | Benin | 0.52 | low | 11.5 | 1.4 | Subsaharan Africa | |
| 4 | Botswana | 0.728 | high | 2.3 | 2.7 | Subsaharan Africa | |
| 5 | Burkina Faso | 0.434 | low | 19.8 | 1.2 | Subsaharan Africa | |
| 6 | Burundi | 0.423 | low | 11.2 | 0.7 | Subsaharan Africa | |
| 7 | Cabo Verde | 0.651 | medium | 0.5 | 1.4 | Subsaharan Africa | |
| 8 | Cameroon | 0.563 | medium | 25.2 | 1.4 | Subsaharan Africa | |
| 9 | Chad | 0.401 | low | 15.5 | 1.5 | Subsaharan Africa | |
| 10 | Congo | 0.609 | medium | 5.2 | 1.1 | Subsaharan Africa | |
| 11 | Congo (Democra | 0.459 | low | 84.1 | 0.7 | Subsaharan Africa | |
| 12 | Ivory Coast | 0.516 | low | 25.1 | 1.2 | Subsaharan Africa | |
| 13 | Eritrea | 0.434 | low | 3.5 | 0.5 | Subsaharan Africa | |
| 14 | Eswatini | 0.608 | medium | 1.1 | 1.9 | Subsaharan Africa | |
| 15 | Ethiopia | 0.47 | low | 109.2 | 1 | Subsaharan Africa | |
| 16 | Gabon | 0.702 | high | 2.1 | 2.3 | Subsaharan Africa | |
| 17 | Gambia | 0.466 | low | 2.3 | 1 | Subsaharan Africa | |
| 18 | Ghana | 0.596 | medium | 29.8 | 2 | Subsaharan Africa | |
| 19 | Guinea | 0.466 | low | 12.4 | 1.6 | Subsaharan Africa | |

IMPORT THE DATA

Human Development Index Reports Data Center • [Dataviz](#)

This chart is in My archive

1 Upload Data

2 Check & Describe ✓

3 Visualize ✓

4 Publish & Embed ✓

How do you want to upload your data?



Copy & paste data
table



XLS/CSV upload



Connect Google
Sheet



Link external data

Copy & paste your data

Select your data (including header row/column) in Excel or LibreOffice and paste it in the text field. You can also upload a CSV or Excel file from your computer.

If you just want to try Datawrapper, here's a list of some example datasets you can use:

Select a sample dataset

| paese | valore HDI | classificazione HDI | popolazione (milioni) | impronta ecologica (ettari) | regione |
|------------------------------------|------------|---------------------|-----------------------|-----------------------------|-------------------------|
| Eritrea | 0,434 | basso | 3,5 | 0,5 | Africa |
| Timor Est | 0,626 | medio | 1,3 | 0,5 | Asia e Pacifico |
| Afghanistan | 0,496 | basso | 37,2 | 0,7 | Asia e Pacifico |
| Burundi | 0,423 | basso | 11,2 | 0,7 | Africa |
| Congo (Repubblica Democratica Del) | 0,459 | basso | 84,1 | 0,7 | Africa |
| Haiti | 0,503 | basso | 11,1 | 0,7 | America Latina /del Sud |
| Malawi | 0,485 | basso | 18,1 | 0,7 | Africa |
| Yemen | 0,463 | basso | 28,5 | 0,7 | Medio Oriente |
| Bangladesh | 0,614 | medio | 161,4 | 0,8 | Asia e Pacifico |
| Mozambique | 0,446 | basso | 29,5 | 0,8 | Africa |
| Pakistan | 0,56 | medio | 212,2 | 0,8 | Asia e Pacifico |

Proceed →

FORMAT THE DATA

Human Development Index Reports Data Center • [Dataviz](#)

1 Upload Data ✓

2 Check & Describe

3 Visualize ✓

4 Publish & Embed ✓

Make sure the data looks right

Please make sure that Datavwrapper interprets your data correctly. In the table **number** columns should be shown in blue, **dates** in green and **text** in black. A **red** cell indicates a problem in your dataset that needs to be fixed. **-** cells contain no data.

First row as label

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

Italiano (it-IT) ▾

Click on table header
to edit column properties ↗

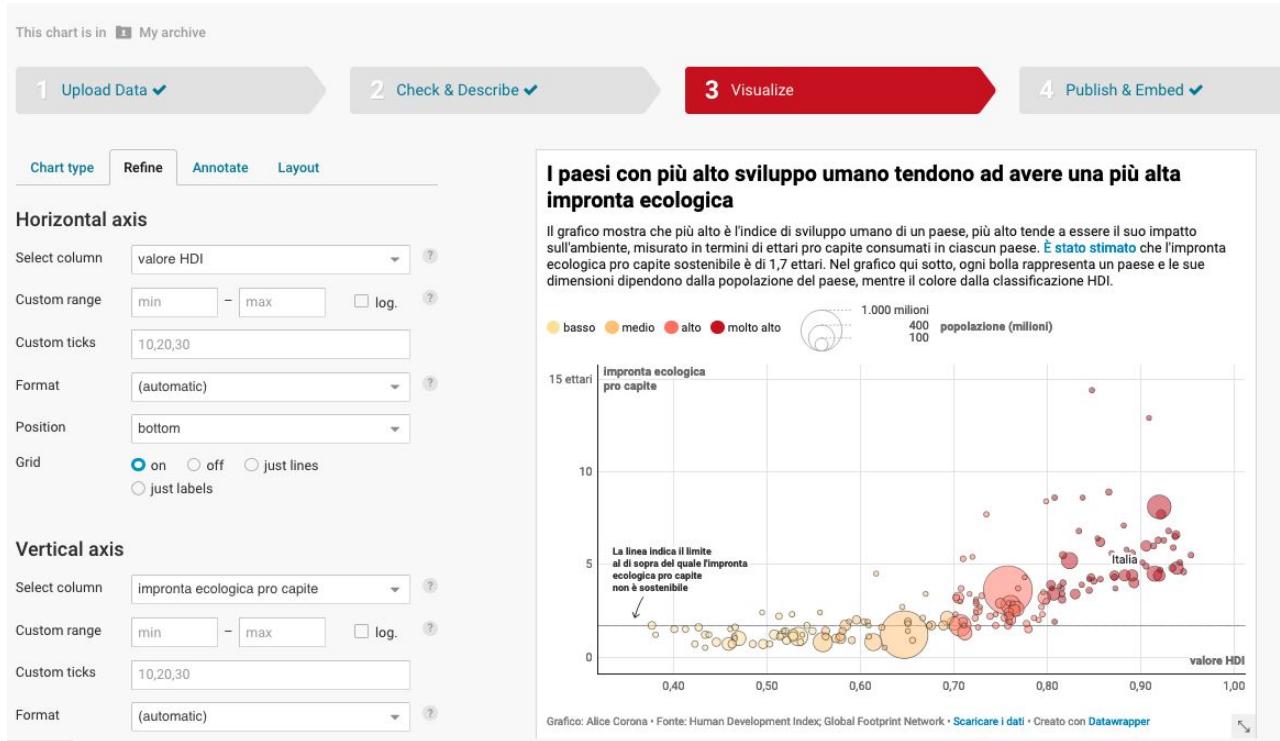
Sort view by... ▾

Search data table

| F* | A | B | C | D | E | |
|----|------------------------------------|------------|---------------------|-------------|-------------------------------|---------|
| 1 | paese | valore HDI | classificazione HDI | popolazione | impronta ecologica pro capite | regione |
| 2 | Eritrea | 0,434 | basso | 4 milioni | 1 ettari | Africa |
| 3 | Timor Est | 0,626 | medio | 1 milioni | 1 ettari | Asia e |
| 4 | Afghanistan | 0,496 | basso | 37 milioni | 1 ettari | Asia e |
| 5 | Burundi | 0,423 | basso | 11 milioni | 1 ettari | Africa |
| 6 | Congo (Repubblica Democratica Del) | 0,459 | basso | 84 milioni | 1 ettari | Africa |
| 7 | Haiti | 0,503 | basso | 11 milioni | 1 ettari | America |
| 8 | Malawi | 0,485 | basso | 18 milioni | 1 ettari | Africa |
| 9 | Yemen | 0,463 | basso | 29 milioni | 1 ettari | Medio O |
| 10 | Bangladesh | 0,614 | medio | 161 milioni | 1 ettari | Asia e |
| 11 | Mozambico | 0,446 | basso | 30 milioni | 1 ettari | Africa |
| 12 | Pakistan | 0,56 | medio | 212 milioni | 1 ettari | Asia e |
| 13 | Ruanda | 0,536 | basso | 12 milioni | 1 ettari | Africa |
| 14 | Madagascar | 0,521 | basso | 26 milioni | 1 ettari | Africa |
| 15 | Tajikistan | 0,656 | medio | 9 milioni | 1 ettari | Asia e |

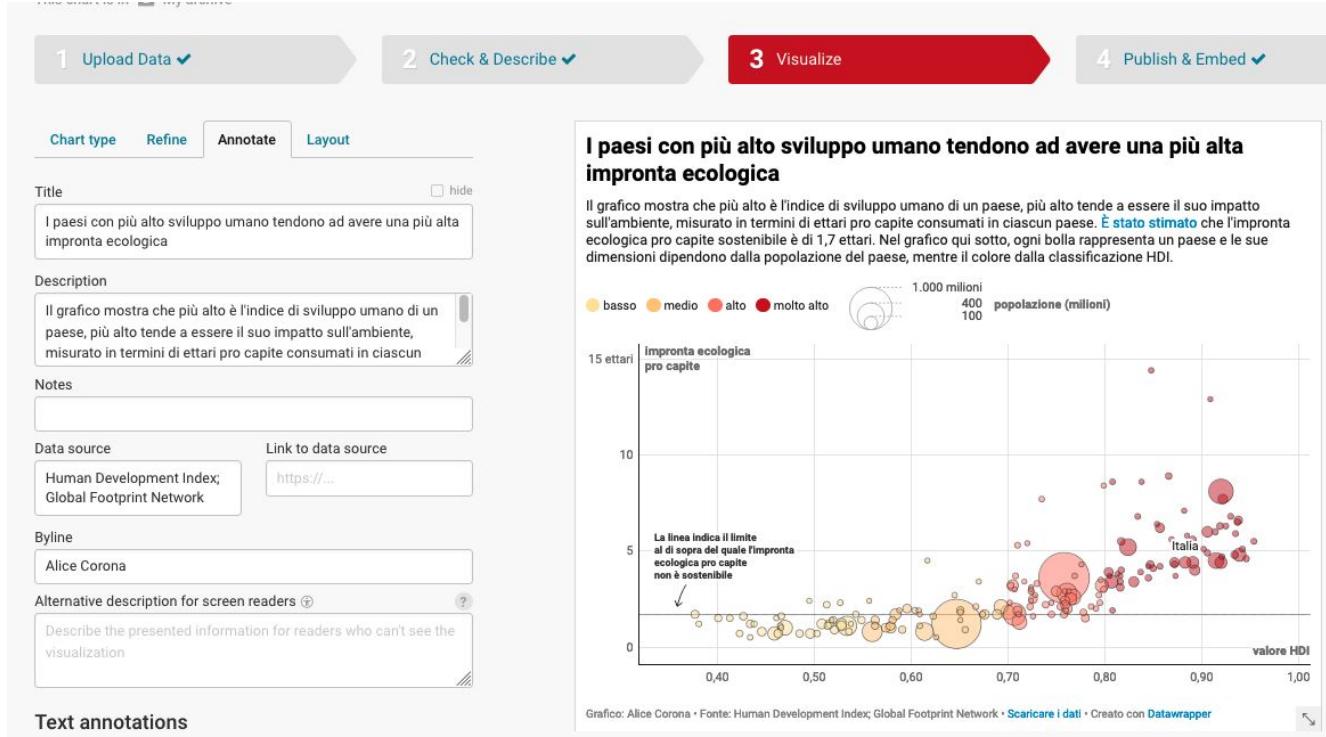
FORMAT THE CHART

Human Development Index Reports Data Center • [Dataviz](#)



DESCRIBE THE CHART

Human Development Index Reports Data Center • [Dataviz](#)



PUBBLICA IL GRAFICO

Human Development Index Reports Data Center • [Dataviz](#)

This chart is in My archive

1 Upload Data ✓

2 Check & Describe ✓

3 Visualize ✓

4 Publish & Embed

Publish visualization

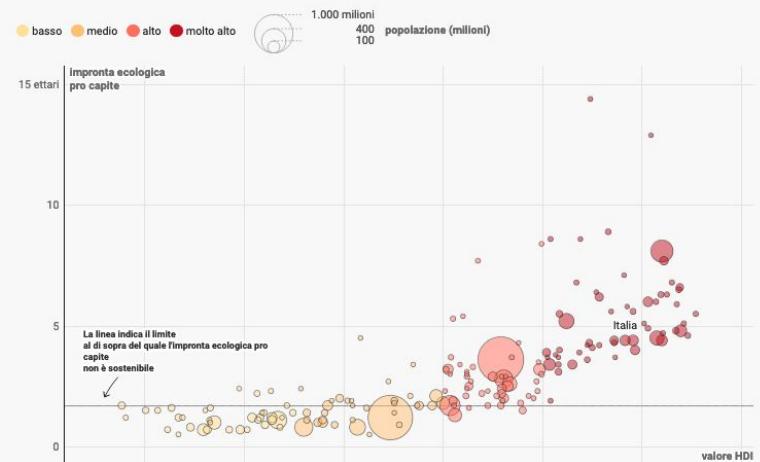
Congrats! Your visualization is successfully published. You can now share or embed it.

Republish

You can always unpublish.

I paesi con più alto sviluppo umano tendono ad avere una più alta impronta ecologica

Il grafico mostra che più alto è l'indice di sviluppo umano di un paese, più alto tende a essere il suo impatto sull'ambiente, misurato in termini di ettari pro capite consumati in ciascun paese. È stato stimato che l'impronta ecologica pro capite sostenibile è di 1,7 ettari. Nel grafico qui sotto, ogni bollo rappresenta un paese e le sue dimensioni dipendono dalla popolazione del paese, mentre il colore dalla classificazione HDI.



Share & Embed

Link to your visualization:



<https://datawrapper.dwcdn.net/jzhA4/1/>



Visualization only For sharing

Embed code for your visualization:



```
<iframe title="I paesi con più alto sviluppo umano tendon ...>
```



Responsive iframe Iframe

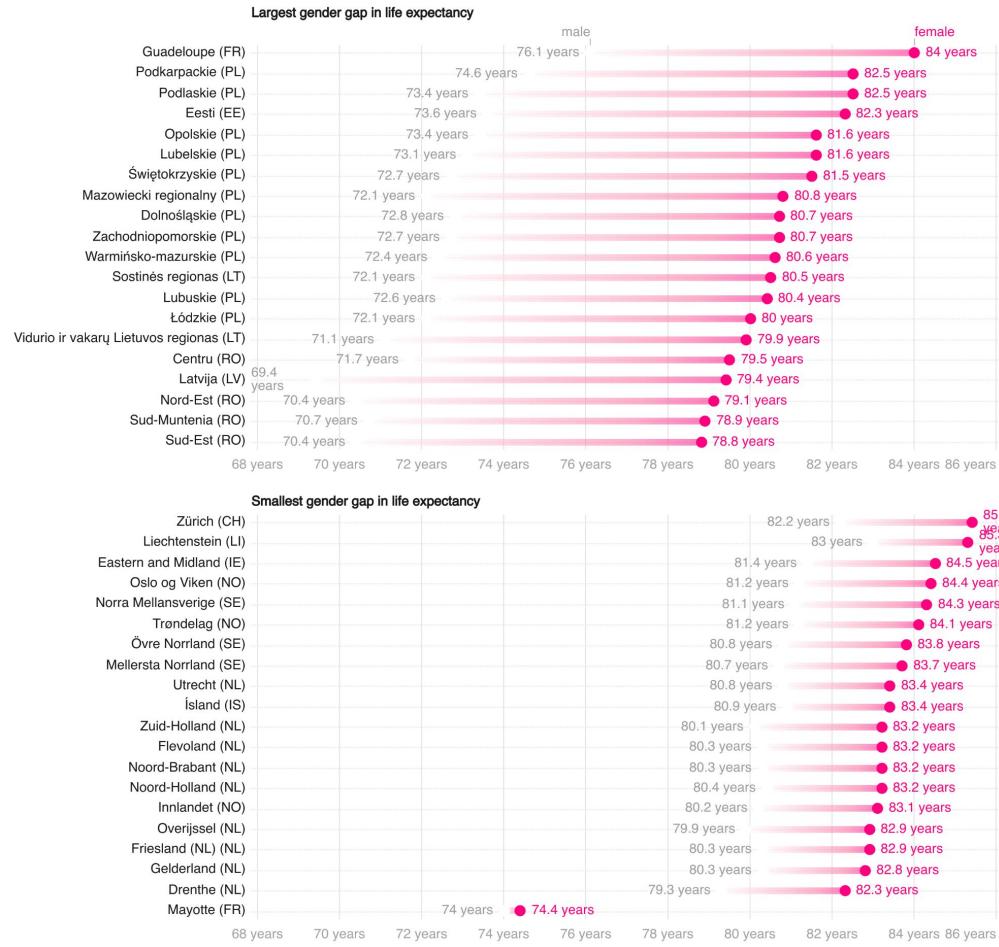
New: Embed with script

For the best way to embed your visualization on a specific platform (e.g., Wordpress, Powerpoint), [check our documentation](#).

Allow reuse of this visualization

exercise time!

Life expectancy by gender in european regions in 2022



How many months of paid leave do mothers get after giving birth – and how much do they get paid?

The proportion of previous earnings that a new mother receives during paid leave; compared with the paid maternity leave in months, in OECD countries, 2016. Quadrants

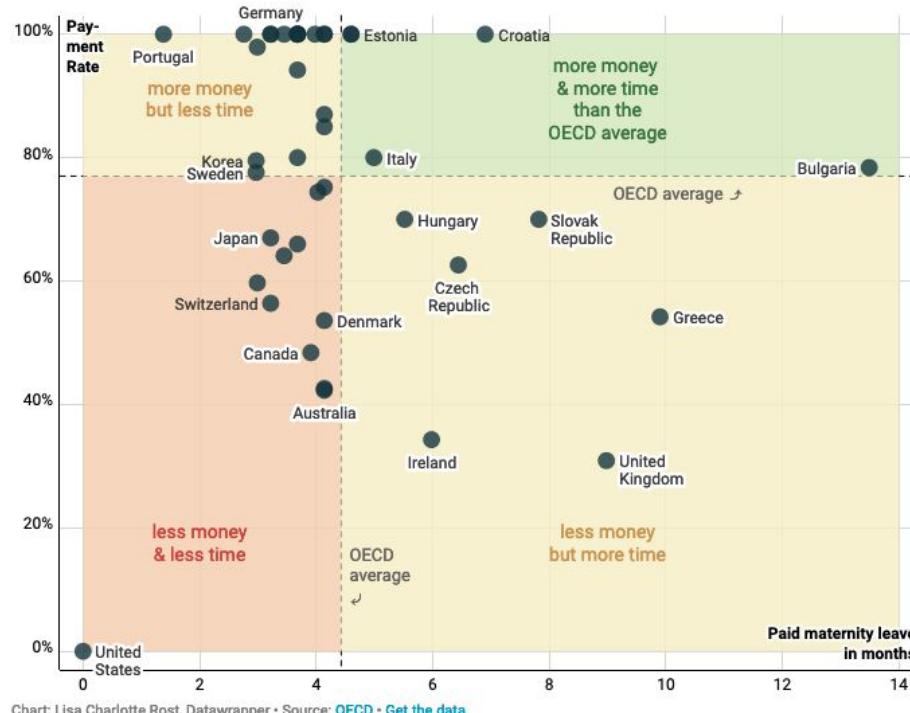


Chart: Lisa Charlotte Rost, Datawrapper • Source: [OECD](#) • [Get the data](#)

SMALL MULTIPLES

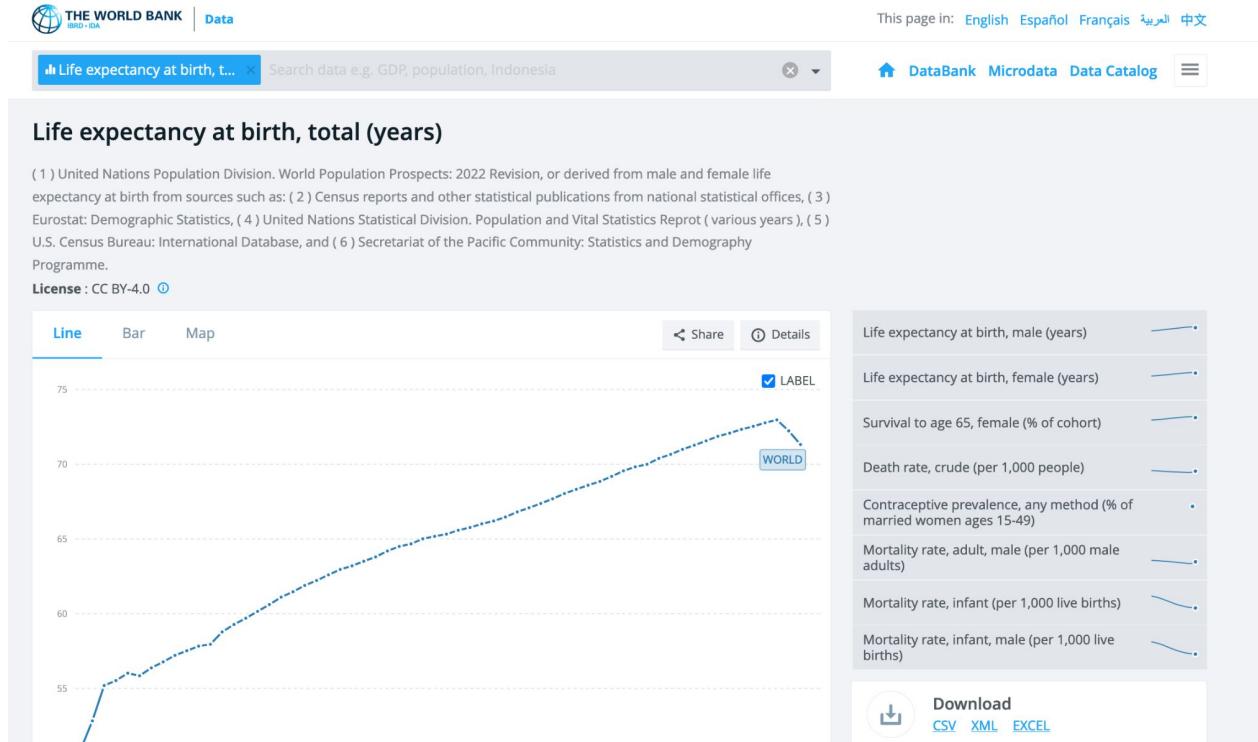
Life expectancy in Europe 1921 - 2021

Countries are sorted by highest life expectancy in 2021



FIND THE DATA

THE WORLD BANK LIFE EXPECTANCY • Origin



PREPARE THE DATA

THE WORLD BANK LIFE EXPECTANCY • GSheet

| | A | B | C | D | E | F | G | H | I | J | K |
|----|-------------------|-----------------|------|------|------|------|------|------|------|------|------|
| 1 | country | gap 1960 - 2021 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
| 2 | :ua: Ukraine | 0 | 69 | 70 | 69 | 70 | 70 | 70 | 70 | 70 | 70 |
| 3 | :ru: Russia | 2 | 67 | 68 | 67 | 68 | 68 | 68 | 68 | 68 | 67 |
| 4 | :bg: Bulgaria | 2 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 71 |
| 5 | :ls: Lesotho | 3 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 6 | :by: Belarus | 3 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 71 | 71 |
| 7 | :lv: Latvia | 3 | 70 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 70 |
| 8 | :sk: Slovakia | 4 | 70 | 71 | 70 | 71 | 71 | 70 | 70 | 71 | 70 |
| 9 | :lt: Lithuania | 4 | 70 | 70 | 69 | 70 | 72 | 71 | 72 | 72 | 71 |
| 10 | :nr: Nauru | 5 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 |
| 11 | :zw: Zimbabwe | 6 | 53 | 54 | 54 | 55 | 55 | 55 | 56 | 56 | 56 |
| 12 | :jm: Jamaica | 6 | 64 | 64 | 64 | 65 | 66 | 66 | 66 | 66 | 66 |
| 13 | :hu: Hungary | 6 | 68 | 69 | 68 | 69 | 69 | 69 | 70 | 69 | 69 |
| 14 | :us: United State | 7 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 70 |
| 15 | :cz: Czech Repu | 7 | 70 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 16 | :ro: Romania | 7 | 66 | 66 | 65 | 67 | 68 | 68 | 69 | 68 | 68 |
| 17 | :gy: Guyana | 8 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 60 | 60 |
| 18 | :uy: Uruguay | 8 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 |
| 19 | :sx: Sint Maarter | 8 | 66 | 66 | 67 | 69 | 69 | 66 | 68 | 69 | 69 |
| 20 | :md: Moldova | 8 | 61 | 61 | 62 | 62 | 63 | 63 | 63 | 64 | 64 |
| 21 | :ee: Estonia | 8 | 69 | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 70 |
| 22 | :pl: Poland | 8 | 68 | 68 | 67 | 68 | 69 | 69 | 70 | 69 | 70 |
| 23 | :nl: Netherlands | 8 | 73 | 74 | 73 | 73 | 74 | 74 | 74 | 74 | 74 |

BASIC TABLES

Unemployment trends 2017 - 2021

In red countries with an unemployment rate **higher than OECD average**, in green, countries with an unemployment rate **lower than OECD average**.

 Search in table

Page 1 of 3 

| country | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|-----------|-----------|-----------|-----------|-----------|
| OECD Average | 6% | 5% | 5% | 7% | 6% |
| Australia | 6% | 5% | 5% | 6% | 5% |
| Austria | 6% | 5% | 5% | 6% | 6% |
| Belgium | 7% | 6% | 5% | 6% | 6% |
| Canada | 6% | 6% | 6% | 10% | 8% |
| Chile | 7% | 7% | 7% | 11% | 9% |
| Colombia | 9% | 10% | 10% | 16% | 14% |
| Costa Rica | 9% | 10% | 12% | 20% | 16% |
| Czech Republic | 3% | 2% | 2% | 3% | 3% |
| Denmark | 6% | 5% | 5% | 6% | 5% |
| Estonia | 6% | 5% | 4% | 7% | 6% |
| Finland | 9% | 7% | 7% | 8% | 8% |
| France | 9% | 9% | 8% | 8% | 8% |
| Germany | 4% | 3% | 3% | 4% | 4% |
| Greece | 22% | 20% | 18% | 18% | 15% |
| Hungary | 4% | 4% | 3% | 4% | 4% |
| Iceland | 3% | 3% | 4% | 6% | 6% |
| Ireland | 7% | 6% | 5% | 6% | 6% |
| Israel | 4% | 4% | 4% | 4% | 5% |
| Italy | 11% | 11% | 10% | 9% | 10% |

FIND THE DATA

OECD UNEMPLOYMENT • Origin

Unemployment rate

The unemployed are people of working age who are without work, are available for work, and have taken specific steps to find work. The uniform application of this definition results in estimates of unemployment rates that are more internationally comparable than estimates based on national definitions of unemployment. This indicator is measured in numbers of unemployed people as a percentage of the

[› More ...](#)

Indicators

- ❖ Unemployment rate
 - ❖ Unemployment rate by age group
 - ❖ Unemployment rate forecast
 - ❖ Unemployment rates by education level
 - ❖ Long-term unemployment rate

Unemployment rate Total, % of labour force, Jan 2005 – Jun 2023

Source: Labour: Labour market statistics

Related topics



Latest publication



 OECD Employment Outlook

PUBLICATION (2023)

PREPARE THE DATA

OECD UNEMPLOYMENT • GSheet

| | A | B | C | D | E | F | G | H |
|----|----------|-----------|---------|---------|-----------|------|----------|------------|
| 1 | LOCATION | INDICATOR | SUBJECT | MEASURE | FREQUENCY | TIME | Value | Flag Codes |
| 2 | AUS | HUR | TOT | PC_LF | A | 1967 | 1.875 | |
| 3 | AUS | HUR | TOT | PC_LF | A | 1968 | 1.85 | |
| 4 | AUS | HUR | TOT | PC_LF | A | 1969 | 1.8 | |
| 5 | AUS | HUR | TOT | PC_LF | A | 1970 | 1.625 | |
| 6 | AUS | HUR | TOT | PC_LF | A | 1971 | 1.925 | |
| 7 | AUS | HUR | TOT | PC_LF | A | 1972 | 2.625 | |
| 8 | AUS | HUR | TOT | PC_LF | A | 1973 | 2.325 | |
| 9 | AUS | HUR | TOT | PC_LF | A | 1974 | 2.7 | |
| 10 | AUS | HUR | TOT | PC_LF | A | 1975 | 4.925 | |
| 11 | AUS | HUR | TOT | PC_LF | A | 1976 | 4.75 | |
| 12 | AUS | HUR | TOT | PC_LF | A | 1977 | 5.65 | B |
| 13 | AUS | HUR | TOT | PC_LF | A | 1978 | 6.442533 | |
| 14 | AUS | HUR | TOT | PC_LF | A | 1979 | 6.265499 | |
| 15 | AUS | HUR | TOT | PC_LF | A | 1980 | 6.106246 | |
| 16 | AUS | HUR | TOT | PC_LF | A | 1981 | 5.783571 | |
| 17 | AUS | HUR | TOT | PC_LF | A | 1982 | 7.156132 | |
| 18 | AUS | HUR | TOT | PC_LF | A | 1983 | 9.961594 | |
| 19 | AUS | HUR | TOT | PC_LF | A | 1984 | 8.98968 | |
| 20 | AUS | HUR | TOT | PC_LF | A | 1985 | 8.262986 | |
| 21 | AUS | HUR | TOT | PC_LF | A | 1986 | 8.081038 | |
| 22 | AUS | HUR | TOT | PC_LF | A | 1987 | 8.10804 | |
| 23 | AUS | HUR | TOT | PC_LF | A | 1988 | 7.227954 | |
| 24 | AUS | HUR | TOT | PC_LF | A | 1989 | 6.179825 | |

IMPORT THE DATA

OECD UNEMPLOYMENT • [Dataviz](#)

This table is in UNIBO 2023 / 20231114_tutorials

1 Upload Data

2 Check & Describe ✓

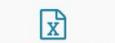
3 Visualize ✓

4 Publish & Embed ✓

How do you want to upload your data?



Copy & paste data table



XLS/CSV upload



Connect Google Sheet



Link external data

Copy & paste your data

Select your data (including header row/column) in Excel or LibreOffice and paste it in the text field. You can also upload a CSV or Excel file from your computer.

If you just want to try Datawrapper, here's a list of some example datasets you can use:

Select a sample dataset

| country | 2017 | 2018 | 2019 | 2020 | 2021 | 2017- color | color | 2018 - |
|-----------|--------------|--------------|--------------|--------------|--------------|-------------|-------|--------|
| color | 2019 - color | 2020 - color | 2021 - color | 2021 - color | 2021 - color | low | low | low |
| Australia | 5.60 | 5.31 | 5.17 | 6.46 | 5.11 | low | low | low |
| low | low | low | | | | | | |
| Austria | 5.93 | 5.21 | 4.84 | 6.03 | 6.20 | low | low | low |
| low | high | | | | | | | |
| Belgium | 7.10 | 5.96 | 5.37 | 5.54 | 6.28 | high | high | low |
| low | high | | | | | | | |
| Canada | 6.43 | 5.84 | 5.69 | 9.69 | 7.54 | high | high | high |
| high | high | | | | | | | |
| Chile | 6.97 | 7.38 | 7.22 | 10.77 | 8.86 | high | high | high |
| high | high | | | | | | | |
| Colombia | 9.30 | 9.53 | 10.37 | 15.86 | 13.81 | high | high | high |

Proceed →

FORMAT THE DATA

OECD UNEMPLOYMENT • Dataviz

This table is in UNIBO 2023 / 20231114_tutorials

1 Upload Data ✓

2 Check & Describe

3 Visualize ✓

4 Publish & Embed ✓

Make sure the data looks right

Please make sure that Datawrapper interprets your data correctly. In the table **number** columns should be shown in blue, **dates** in green and **text** in black. A **red** cell indicates a problem in your dataset that needs to be fixed. **-** cells contain no data.

First row as label

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

English (en-US) ▾

Click on table header to edit column properties

Sort view by... ▾

Search data table

| | A | B | C | D | E | F | G | H | I | J | K |
|----|----------------|-------|--------|--------|--------|--------|--------------|--------------|--------------|--------------|--------------|
| 1 | country | 2017 | 2018 | 2019 | 2020 | 2021 | 2017 - color | 2018 - color | 2019 - color | 2020 - color | 2021 - color |
| 2 | Australia | 5.60% | 5.31% | 5.17% | 6.46% | 5.11% | low | low | low | low | low |
| 3 | Austria | 5.93% | 5.21% | 4.84% | 6.03% | 6.20% | low | low | low | low | high |
| 4 | Belgium | 7.10% | 5.96% | 5.37% | 5.54% | 6.28% | high | high | low | low | high |
| 5 | Canada | 6.43% | 5.84% | 5.69% | 9.69% | 7.54% | high | high | high | high | high |
| 6 | Chile | 6.97% | 7.38% | 7.22% | 10.77% | 8.86% | high | high | high | high | high |
| 7 | Colombia | 9.30% | 9.53% | 10.37% | 15.86% | 13.81% | high | high | high | high | high |
| 8 | Costa Rica | 9.07% | 10.26% | 11.76% | 19.61% | 16.43% | high | high | high | high | high |
| 9 | Czech Republic | 2.91% | 2.27% | 2.02% | 2.55% | 2.81% | low | low | low | low | low |
| 10 | Denmark | 5.82% | 5.15% | 5.03% | 5.63% | 5.10% | low | low | low | low | low |

FORMAT THE TABLE

OECD UNEMPLOYMENT • [Dataviz](#)

1 Upload Data ✓ 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed ✓

Chart type Refine Annotate Layout

Customize table

Rows per page 20

Make searchable Mobile fallback [?](#)

Show ranks [?](#) Compact layout [?](#)

Stripe table Parse markdown [?](#)

Make first column sticky [?](#) Merge with empty cells [?](#)

Show pagination

Position top

Sort table

Customize columns

| # 2020 | # 2021 |
|--------|--------|
| | |

Unemployment trends 2017 - 2021

In red countries with an unemployment rate **higher than OECD average**, in green, countries with an unemployment rate **lower than OECD average**.

Search in table Page 1 of 3 >

| country | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|------|------|------|------|------|
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| Belgium | 7% | 6% | 5% | 6% | 6% |
| Canada | 6% | 6% | 6% | 10% | 8% |
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| Colombia | 9% | 10% | 10% | 16% | 14% |
| Costa Rica | 9% | 10% | 12% | 20% | 16% |
| Czech Republic | 3% | 2% | 2% | 3% | 3% |
| Denmark | 6% | 5% | 5% | 6% | 5% |
| Estonia | 6% | 5% | 4% | 7% | 6% |
| Finland | 0% | 7% | 7% | 0% | 0% |



DESCRIBE THE TABLE

OECD UNEMPLOYMENT • Dataviz

1 Upload Data ✓ 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed ✓

Chart type Refine Annotate Layout

Title hide
Unemployment trends 2017 - 2021

Description
In red countries with an unemployment rate **<code><b style="color: #ff755f">higher than OECD average**, in green, countries with an unemployment rate **<code><b style="color: #2ca02c">lower than OECD average**.

Notes

Data source ILO via OECD Link to data source <https://data.oecd.org/unem>

Byline Alice Corona

Alternative description for screen readers ?
Describe the presented information for readers who can't see the visualization

Unemployment trends 2017 - 2021

In red countries with an unemployment rate **higher than OECD average**, in green, countries with an unemployment rate **lower than OECD average**.

Search in table Page 1 of 3 >

| country | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|------|------|------|------|------|
| OECD Average | 6% | 5% | 5% | 7% | 6% |
| Australia | 6% | 5% | 5% | 6% | 5% |
| Austria | 6% | 5% | 5% | 6% | 6% |
| Belgium | 7% | 6% | 5% | 6% | 6% |
| Canada | 6% | 6% | 6% | 10% | 8% |
| Chile | 7% | 7% | 7% | 11% | 9% |
| Colombia | 9% | 10% | 10% | 16% | 14% |
| Costa Rica | 9% | 10% | 12% | 20% | 16% |
| Czech Republic | 3% | 2% | 2% | 3% | 3% |
| Denmark | 6% | 5% | 5% | 6% | 5% |
| Estonia | 6% | 5% | 4% | 7% | 6% |



PUBLISH THE TABLE

OECD UNEMPLOYMENT • [Dataviz](#)

Unemployment trends 2017 - 2021

In red countries with an unemployment rate **higher than OECD average**, in green, countries with an unemployment rate **lower than OECD average**.

Search in table Page 1 of 3 >

| country | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|------|------|------|------|------|
| OECD Average | 6% | 5% | 5% | 7% | 6% |
| Australia | 6% | 5% | 5% | 6% | 5% |
| Austria | 6% | 5% | 5% | 6% | 6% |
| Belgium | 7% | 6% | 5% | 6% | 6% |
| Canada | 6% | 6% | 6% | 10% | 8% |
| Chile | 7% | 7% | 7% | 11% | 9% |
| Colombia | 9% | 10% | 10% | 16% | 14% |
| Costa Rica | 9% | 10% | 12% | 20% | 16% |
| Czech Republic | 3% | 2% | 2% | 3% | 3% |
| Denmark | 6% | 5% | 5% | 6% | 5% |
| Estonia | 6% | 5% | 4% | 7% | 6% |
| Finland | 6% | 7% | 7% | 8% | 8% |

exercise time!

Life expectancy 2017 - 2021

In red years in which life expectancy in a specific country has **decreased** from previous year, in green, the years in which it has **increased** from the previous year.

 Search in table

Page 1 of 21



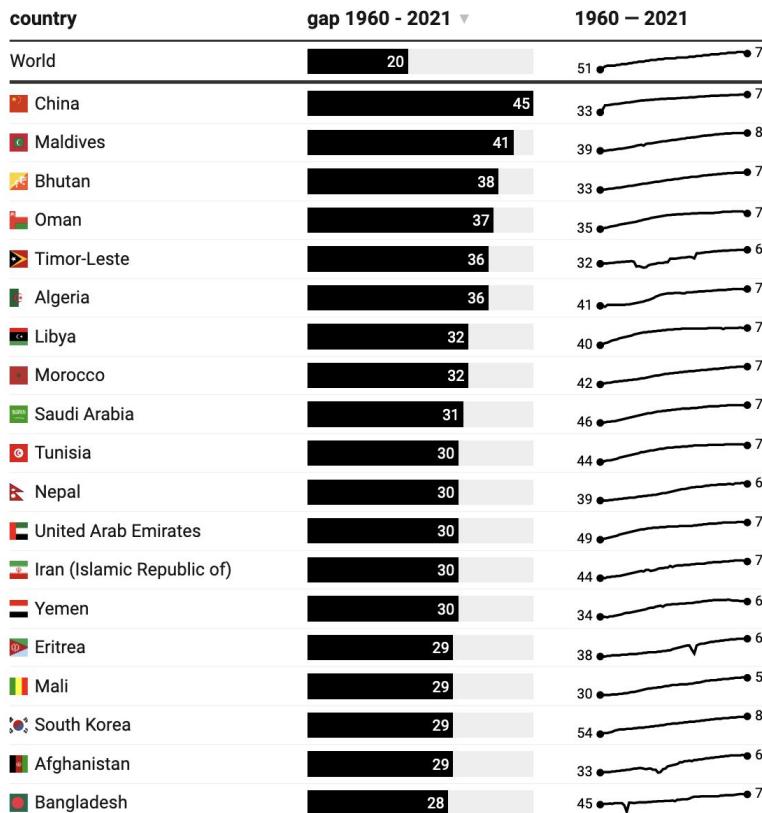
| country | 2017 | 2018 | 2019 | 2020 | 2021 |
|--------------------|------|------|------|------|------|
| Ukraine | 72 | 72 | 72 | 71 | 70 |
| Russian Federation | 73 | 73 | 73 | 71 | 69 |
| Bulgaria | 75 | 75 | 75 | 74 | 72 |
| Lesotho | 53 | 54 | 54 | 55 | 53 |
| Belarus | 74 | 74 | 74 | 73 | 72 |
| Latvia | 75 | 75 | 75 | 75 | 73 |
| Slovak Republic | 77 | 77 | 78 | 77 | 75 |
| Lithuania | 76 | 76 | 76 | 75 | 74 |
| Nauru | 63 | 63 | 64 | 63 | 64 |
| Zimbabwe | 61 | 61 | 61 | 61 | 59 |

ADVANCED TABLES

Life expectancy trends 1960 - 2021

Search in table

Page 1 of 12

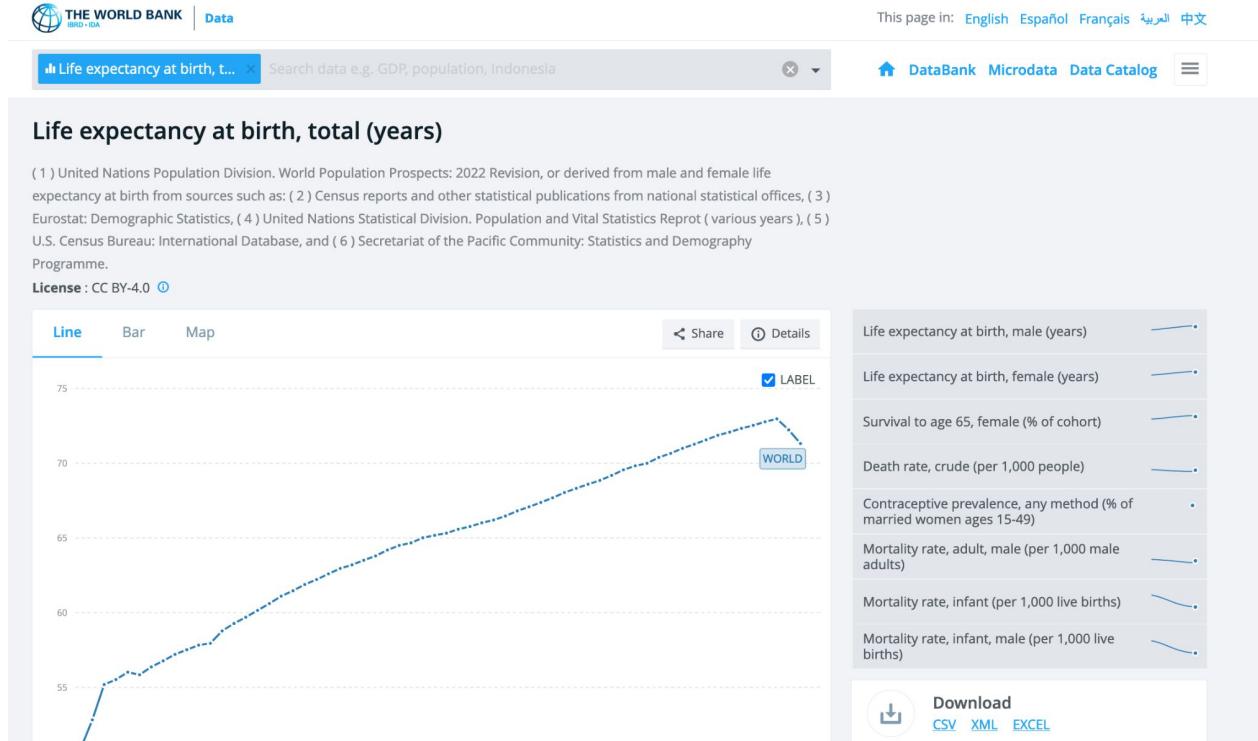


Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

Source: [World Bank](#) • [Get the data](#) • Created with [Datawrapper](#)

FIND THE DATA

THE WORLD BANK LIFE EXPECTANCY • Origin



PREPARE THE DATA

THE WORLD BANK LIFE EXPECTANCY • [GSheet](#)

| | A | B | C | D | E | F | G | H | I | J | K |
|----|-------------------|-----------------|------|------|------|------|------|------|------|------|------|
| 1 | country | gap 1960 - 2021 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
| 2 | :ua: Ukraine | 0 | 69 | 70 | 69 | 70 | 70 | 70 | 70 | 70 | 70 |
| 3 | :ru: Russia | 2 | 67 | 68 | 67 | 68 | 68 | 68 | 68 | 68 | 67 |
| 4 | :bg: Bulgaria | 2 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 71 |
| 5 | :ls: Lesotho | 3 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 6 | :by: Belarus | 3 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 71 | 71 |
| 7 | :lv: Latvia | 3 | 70 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 70 |
| 8 | :sk: Slovakia | 4 | 70 | 71 | 70 | 71 | 71 | 70 | 70 | 71 | 70 |
| 9 | :lt: Lithuania | 4 | 70 | 70 | 69 | 70 | 72 | 71 | 72 | 72 | 71 |
| 10 | :nr: Nauru | 5 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 |
| 11 | :zw: Zimbabwe | 6 | 53 | 54 | 54 | 55 | 55 | 55 | 56 | 56 | 56 |
| 12 | :jm: Jamaica | 6 | 64 | 64 | 64 | 65 | 66 | 66 | 66 | 66 | 66 |
| 13 | :hu: Hungary | 6 | 68 | 69 | 68 | 69 | 69 | 69 | 70 | 69 | 69 |
| 14 | :us: United State | 7 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 70 |
| 15 | :cz: Czech Repu | 7 | 70 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 16 | :ro: Romania | 7 | 66 | 66 | 65 | 67 | 68 | 68 | 69 | 68 | 68 |
| 17 | :gy: Guyana | 8 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 60 | 60 |
| 18 | :uy: Uruguay | 8 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 |
| 19 | :sx: Sint Maarter | 8 | 66 | 66 | 67 | 69 | 69 | 66 | 68 | 69 | 69 |
| 20 | :md: Moldova | 8 | 61 | 61 | 62 | 62 | 63 | 63 | 63 | 64 | 64 |
| 21 | :ee: Estonia | 8 | 69 | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 70 |
| 22 | :pl: Poland | 8 | 68 | 68 | 67 | 68 | 69 | 69 | 70 | 69 | 70 |
| 23 | :nl: Netherlands | 8 | 73 | 74 | 73 | 73 | 74 | 74 | 74 | 74 | 74 |

IMPORT THE DATA

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

This table is in withub 2023

1 Upload Data 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed

How do you want to upload your data?

Copy & paste data table
 XLS/CSV upload
 Connect Google Sheet
 Link external data

Import data from Google Sheet

Make sure to [enable Link Sharing](#) in the Google Sheet and copy the spreadsheet url into the text field on the right.

Enter a URL to a Google Sheet:

!B1xj5-HuaDayrDD4Lbcbr0YLtwah88aLfHk/edit#gid=305968193

When and how often will the data be updated?

The data will be updated from the spreadsheet every time you open the chart in Datawrapper, but not after the chart is published.

[Proceed →](#)

FORMAT THE DATA

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

1 Upload Data ✓

2 Check & Describe

3 Visualize ✓

4 Publish & Embed ✓

Make sure the data looks right

Please make sure that Datawrapper interprets your data correctly. In the table **number** columns should be shown in blue, **dates** in green and **text** in black. A **red** cell indicates a problem in your dataset that needs to be fixed. **-** cells contain no data.

First row as label

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

English (en-US) ▾

Click on table header to edit column properties

Sort view by... ▾

Search data table

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|-------------------------------|-----------------|------|------|------|------|------|------|------|------|------|------|
| 1 | country | gap 1960 – 2021 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 |
| 3 | :ru: Russia | | 2 | 67 | 68 | 67 | 68 | 68 | 68 | 68 | 68 | 67 |
| 4 | :bg: Bulgaria | | 2 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 71 |
| 5 | :ls: Lesotho | | 3 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 51 |
| 6 | :by: Belarus | | 3 | 69 | 70 | 69 | 70 | 71 | 71 | 71 | 71 | 71 |
| 7 | :lv: Latvia | | 3 | 70 | 70 | 69 | 70 | 71 | 71 | 71 | 70 | 70 |
| 8 | :sk: Slovakia | | 4 | 70 | 71 | 70 | 71 | 71 | 70 | 70 | 71 | 70 |
| 9 | :lt: Lithuania | | 4 | 70 | 70 | 69 | 70 | 72 | 71 | 72 | 72 | 71 |
| 10 | :nr: Nauru | | 5 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 |
| 11 | :zw: Zimbabwe | | 6 | 53 | 54 | 54 | 55 | 55 | 55 | 56 | 56 | 57 |
| 12 | :jm: Jamaica | | 6 | 64 | 64 | 64 | 65 | 66 | 66 | 66 | 66 | 66 |
| 13 | :hu: Hungary | | 6 | 68 | 69 | 68 | 69 | 69 | 69 | 70 | 69 | 69 |
| 14 | :us: United States of America | | 7 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 70 |
| 15 | :cz: Czech Republic | | 7 | 70 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 69 |
| 16 | :ro: Romania | | 7 | 66 | 66 | 65 | 67 | 68 | 68 | 69 | 68 | 68 |
| 17 | :gy: Guyana | | 8 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 60 | 60 |

FORMAT THE TABLE

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

1 Upload Data ✓ 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed ✓

Chart type Refine Annotate Layout

Customize table

Rows per page 20

Make searchable Mobile fallback [?](#)

Show ranks [?](#) Compact layout [?](#)

Stripe table [?](#) Parse markdown [?](#)

Make first column sticky [?](#) Merge with empty cells [?](#)

Show pagination

Position top [▼](#)

Sort table

Customize columns

| A country | gap 1960 - 2021 | 1960 – 2021 |
|---------------|-----------------|-------------|
| ~ 1960 – 2021 | | |

Select all | none | invert

Life expectancy trends 1960 - 2021

Search in table Page 1 of 12 >

| country | gap 1960 - 2021 | 1960 – 2021 |
|----------------------------|-----------------|-------------|
| World | 20 | 51 → 71 |
| China | 45 | 33 → 78 |
| Maldives | 41 | 39 → 80 |
| Bhutan | 38 | 33 → 72 |
| Oman | 37 | 35 → 73 |
| Timor-Leste | 36 | 32 → 68 |
| Algeria | 36 | 41 → 76 |
| Libya | 32 | 40 → 72 |
| Morocco | 32 | 42 → 74 |
| Saudi Arabia | 31 | 46 → 77 |
| Tunisia | 30 | 44 → 74 |
| Nepal | 30 | 39 → 68 |
| United Arab Emirates | 30 | 49 → 79 |
| Iran (Islamic Republic of) | 30 | 44 → 74 |
| Yemen | 30 | 34 → 64 |



DESCRIBE THE TABLE

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

1 Upload Data ✓ 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed ✓

Chart type Refine Annotate Layout

Title hide

Description

Notes

Data source Link to data source <https://data.worldbank.org/in>

Byline

Alternative description for screen readers [?](#)

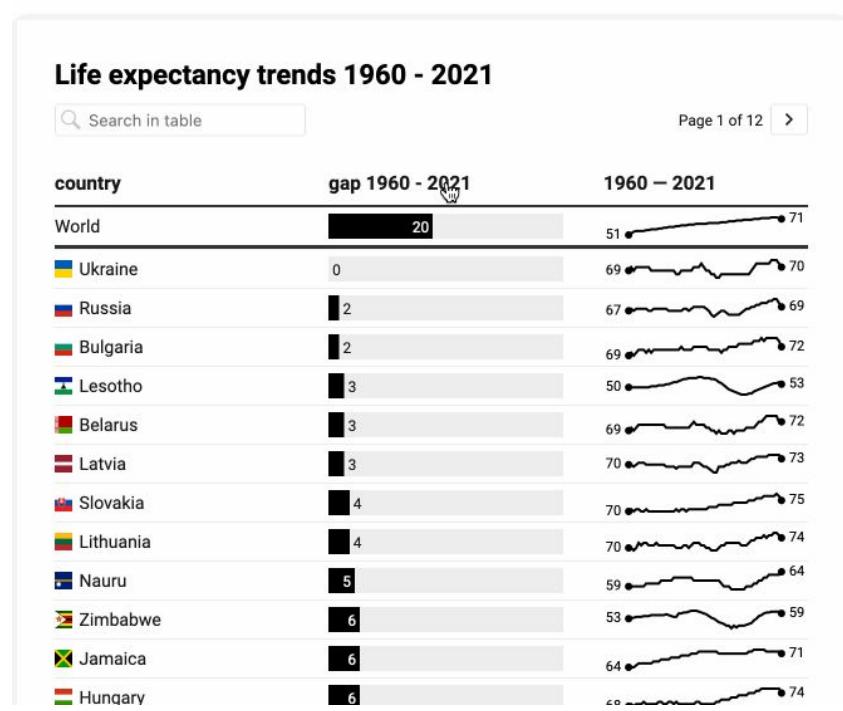
Life expectancy trends 1960 - 2021

Search in table Page 1 of 12 [>](#)

| country | gap 1960 - 2021 | 1960 – 2021 |
|----------------------------|-----------------|-------------|
| World | 20 | 51 → 71 |
| China | 45 | 33 → 78 |
| Maldives | 41 | 39 → 80 |
| Bhutan | 38 | 33 → 72 |
| Oman | 37 | 35 → 73 |
| Timor-Leste | 36 | 32 → 68 |
| Algeria | 36 | 41 → 76 |
| Libya | 32 | 40 → 72 |
| Morocco | 32 | 42 → 74 |
| Saudi Arabia | 31 | 46 → 77 |
| Tunisia | 30 | 44 → 74 |
| Nepal | 30 | 39 → 68 |
| United Arab Emirates | 30 | 49 → 79 |
| Iran (Islamic Republic of) | 30 | 44 → 74 |
| Yemen | 30 | 34 → 64 |

PUBLISH THE TABLE

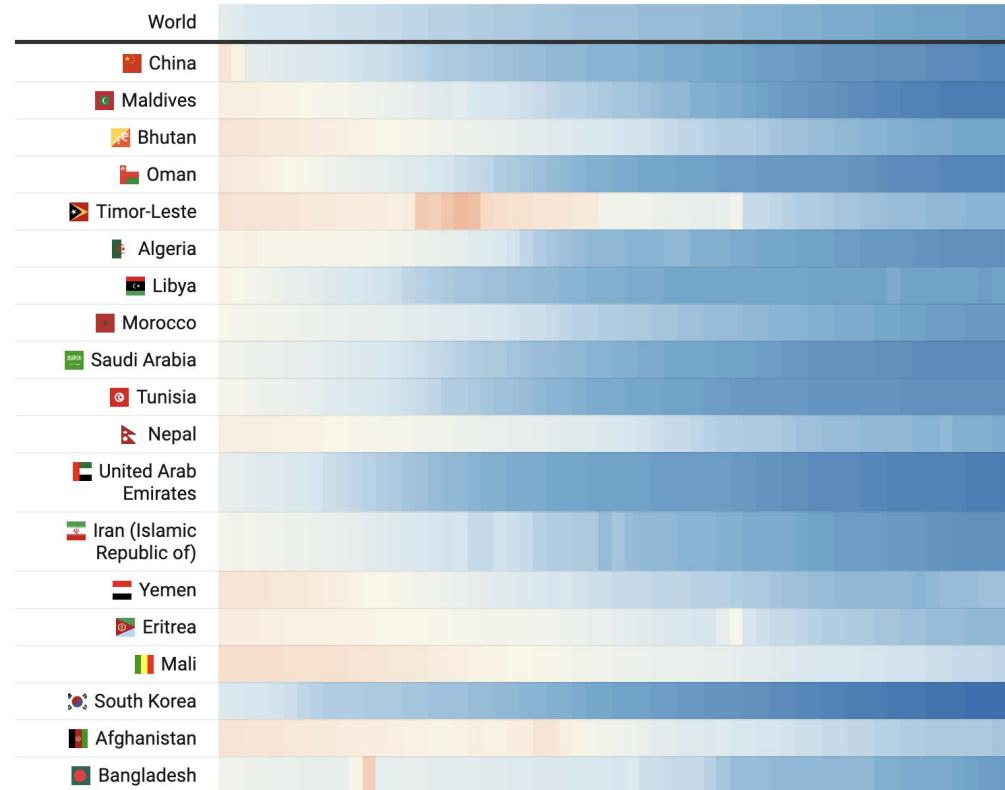
THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)



Life expectancy trends 1960 - 2021

Search in table

Page 1 of 12 >



Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

Source: [World Bank](#) • Get the data • Created with [Datawrapper](#)

FORMAT THE TABLE

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

1 Upload Data ✓ 2 Check & Describe ✓ 3 Visualize 4 Publish & Embed ✓

Chart type Refine Annotate Layout

Customize table

Rows per page 20

Make searchable Mobile fallback

Show ranks Compact layout

Stripe table Parse markdown

Make first column sticky Merge with empty cells

Show pagination

Position top

Sort table

by column gap 1960 - 2021

direction ascending descending

Customize columns

| country | gap 1960 - 2021 |
|---------|-----------------|
| # 1960 | |
| # 1961 | |
| # 1962 | |

Life expectancy trends 1960 - 2021

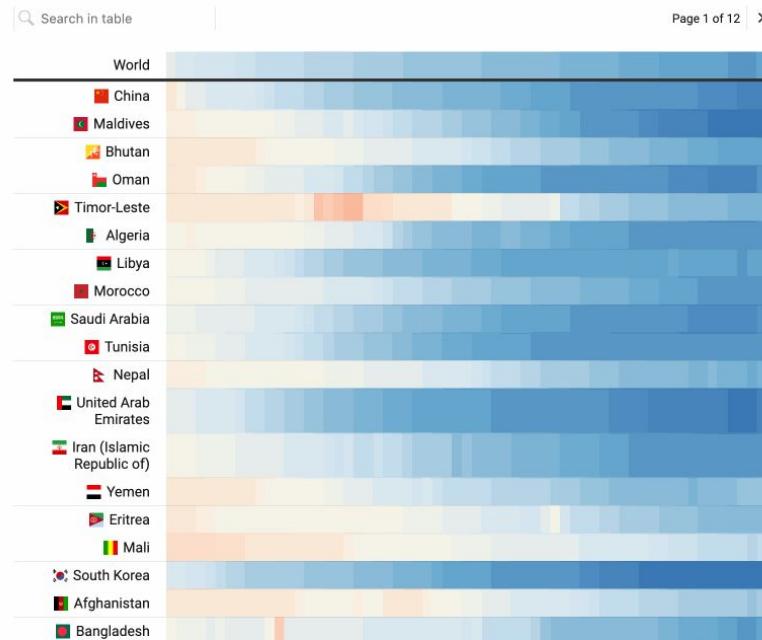
Search in table Page 1 of 12 >

| Country | Life Expectancy (approx.) |
|----------------------------|---------------------------|
| China | 65 |
| Maldives | 70 |
| Bhutan | 72 |
| Oman | 74 |
| Timor-Leste | 75 |
| Algeria | 76 |
| Libya | 77 |
| Morocco | 78 |
| Saudi Arabia | 79 |
| Tunisia | 80 |
| Nepal | 81 |
| United Arab Emirates | 82 |
| Iran (Islamic Republic of) | 83 |
| Yemen | 84 |
| Eritrea | 85 |
| Mali | 86 |
| South Korea | 87 |
| Afghanistan | 88 |
| Bangladesh | 89 |

PUBLISH THE TABLE

THE WORLD BANK LIFE EXPECTANCY • [Dataviz](#)

Life expectancy trends 1960 - 2021



Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

Source: [World Bank](#) - Get the data - Created with [Datawrapper](#)

exercise time!

Confirmed COVID-19 cases last week vs the week before

This table compares the new reported COVID-19 cases in the last seven days (between 8 days ago and yesterday) with the new reported cases in the seven days before that. The "change" column shows if they are ▲ more cases, ▼ less cases or ~ about the same. European countries are highlighted.

Search in table

Page 1 of 20

| country | ▼ new confirmed cases in the last seven days | new confirmed cases in the seven days before that | change | total confirmed cases | new confirmed cases yesterday |
|-----------------|--|---|--------|-----------------------|-------------------------------|
| ● Japan | 761,567 | 724,360 | ▲ | 25,576,873 | 149,383 |
| ■ United States | 416,741 | 285,425 | ▲ | 99,230,739 | 142,748 |
| ■ France | 414,573 | 355,790 | ▲ | 38,461,... | 76,029 |
| ● South Korea | 393,008 | 371,671 | ▲ | 27,548,820 | 65,253 |
| ■ Italy | 227,420 | 229,122 | ~ | 24,488,080 | 0 |
| ● China | 213,887 | 222,990 | ▼ | 1,814,346 | 25,276 |
| ■ Germany | 190,635 | 181,139 | ▲ | 36,690,... | 40,256 |
| ■ Brazil | 168,592 | 145,563 | ▲ | 35,396,... | 0 |
| ■ Australia | 108,035 | 88,110 | ▲ | 10,767,933 | 4,284 |
| ● Taiwan | 98,834 | 102,411 | ▼ | 8,412,199 | 16,723 |

The table gets updated once a day. Only countries in which more than 10 days passed since more than 100 confirmed cases were reported are included. The table was inspired by [Süddeutsche Zeitung](#) and the work of [Our World in Data](#).

Source: Johns Hopkins CSSE · [Get the data](#) · Created with Datawrapper

One year of consistent running

To reach my goal of running 1000 km in 2023, I had to consistently run about 84 km per month.



Table: Based on Alexander Käßner, Datawrapper • Source: Apple Health App • Created with Datawrapper

Want to exercise?

Can you recreate with Datawrapper the charts you had made with Excel/Google Sheets for the exercise “Choosing a chart type” (where the goal was to create as many charts as possible from the “life expectancy dataset”) ? Can you think of newer charts that you can now make with Datawrapper which you couldn’t make with Google Sheets/Excel?

BEFORE DEC. 1st

Fill in the survey about your group project.