## CHILD ATLAS



## UNDERSTANDING

## CHILDREN'S LIVES THROUGH THE

**POWER OF DATA** 

## **INTRODUCING THE CHILD ATLAS**

The <u>Child Atlas</u> is Save the Children's **new platform that helps users to understand children's lives through the power of data**. The tool allows you to:

#### **1. UNDERSTAND THE SITUATION OF CHILDREN**

Visualise data on children's outcomes across the world

#### 2. MAP INEQUALITIES

Explore the different ways inequality affects children's lives

#### **3. OVERLAP DATA**

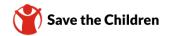
Understand how different topics are related to each other

#### **4. HEAR FROM CHILDREN**

Discover how children describe challenges they face

We will use these colours throughout the guide, so you can quickly identify what type of visualisation you see.

The Child Atlas puts highquality, publicly available data from global and national databases on topics important to children at your fingertips. Read more about the type of data we are using in our <u>methodology</u>.



## **NAVIGATING THE CHILD ATLAS**

When you first arrive in the Child Atlas homepage at <a href="https://www.childatlas.org/">https://www.childatlas.org/</a>, you will get an overview of the Child Atlas and can choose the different entry points through the menu at the top.



#### ATLAS

If your main interest is **comparing child outcomes between countries**, then this is the place to explore.

#### COUNTRIES

If you are interested to look at **country specific data**, click here or on the Countries tab. Within countries, you'll see who is most affected by inequality and discrimination. For many child outcomes, you'll find the data broken down by regions or provinces, highlighting regional inequalities, in addition to group-based inequalities by sex, location, socio-economic status and others. You can also compare the data across countries.





The Atlas presents global and regional data. If your main interest is comparing child outcomes between countries, then this is the place to explore.

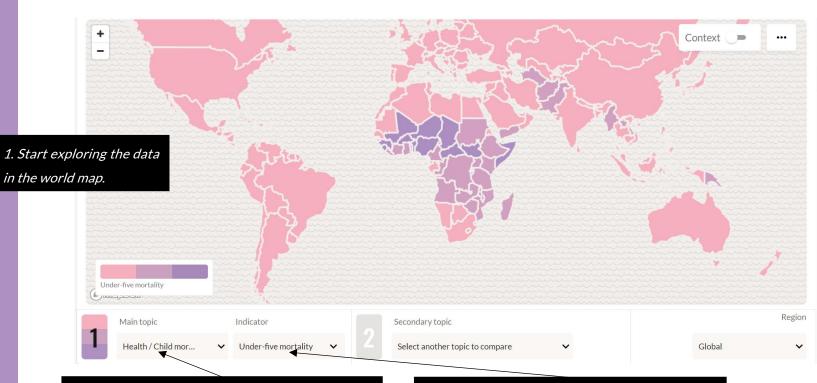


#### **CHILDREN AROUND THE WORLD**

UNDERSTAND THE SITUATION OF CHILDREN



In the Atlas page, you will find global and regional maps. You can use these to make comparisons across borders based on the indicators you select.



2. Click here to find a main data topic related to children that you are interested in. This will show you topics arranged by themes such as health, education or protection. Let's pick child mortality. 3. Once you select the main topic you will see one pre-selected indicator related to the topic. You can see other indicators, if available, and change it by clicking here.



*Click anywhere on the page* 

to jump to the relevant slide.

**YOU ARE** 

#### **CHILDREN AROUND THE WORLD**

**UNDERSTAND THE SITUATION OF CHILDREN** 



You will find a short description of the selected indicator and its relevance to children here.

The AI sign indicates that we used AI tools to generate explainers summarising the data.

Click here to see more information and links to 'Other helpful tools' which links to external tools related to the data, helping you to dive deeper if you need additional information.

Below the graph, you find information about the

source (and when it was last

specific sources and caveats.

updated) as well as

footnotes with country-



Global under-five mortality is 37 deaths per

1000 live births. Throughout these regions, approximately 4.9M children are affected, which roughly translates to around 13k individuals per day.

Click here to download data or pictures.

**YOU ARE** 

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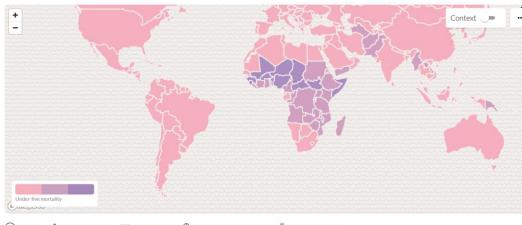
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CHILDREN

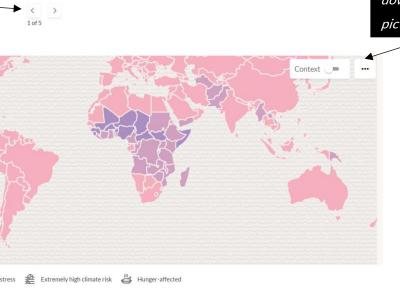
WHERE'S THE TOUGHEST PLACE TO BE A CHILD?

SAY

PROGRESS ON THE SDGS



🔿 Context 🛕 Conflict-affected 🔯 Debt distress 🏨 Extremely high climate risk 🚔 Hunger-affected



+ View Footnotes and detailed sources

#### **CONTEXTUAL LAYER**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER

The Child Atlas allows users to see how different topics overlap and relate to each other, always providing context to the rich data. In our <u>methodological</u> <u>note</u> we describe in detail how we categorized countries as conflict- or hungeraffected, experiencing extremely high climate risk, or in debt distress.

*Click here to see additional information on contextual factors alongside the data you are viewing.* 

The circles indicate the country is facing one or more of the 4 challenges we have identified countries with. Hovering over the circles shows the context in the country. The bigger the circle, the more the number of the risks, crises, or insecurities in the country.

**YOU ARE** 

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🔿 Context 🛕 Conflict-affected 🔯 Debt distress 🦹 Extremely high climate risk 🚢 Hunger-affected 🗲



#### **UNDERSTANDING INEQUALITIES**

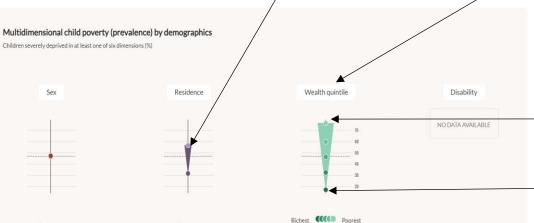
You can explore group-based inequalities for child outcomes by sex, residence, wealth-quintile, and disability in the Child Atlas. *As an example, let's pick the main topic child poverty and indicator prevalence of multi-dimensional child poverty.* 

Hover over the dots in the triangles to see the prevalence of multidimensional child poverty by subgroups. You can see more children from rural households are experiencing higher multidimensional poverty than those from urban households (57% vs 32%).

Rural

Urban

Each column represents a different sub-group of children.



Within the triangles, each marker represents data for a category of the sub-group as defined by the coloured dots below the triangles. For example, the residence triangle has markers for rural (light purple) and urban (deep purple).

*The size of the triangles reflect the size of the inequality by groups. Bigger triangles show wider inequality and vice versa.* 

YOU ARE Here

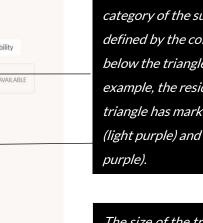
CHILDREN

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PROGRESS ON THE SDGS

MAP INEQUALITIES





Less Inequality More Inequality

Female

Male

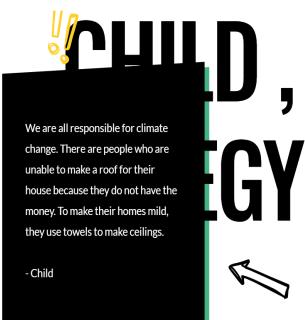
## **CHILDREN SAY**

#### **HEAR FROM** CHILDREN



Numbers and statistics are important for understanding children's lives. But a child is not a number. It is vital that we hear directly from children about their experiences, the problems they face and the changes they want adults to make. The Child Atlas shares children's experiences with direct quotes from them on a wide range of issues and links these to the themes selected in the data. The quotes come from a wide range of children's listening exercises, including Save the Children's largest dialogue with more than 50,000 children on issues such as climate change and inequality.

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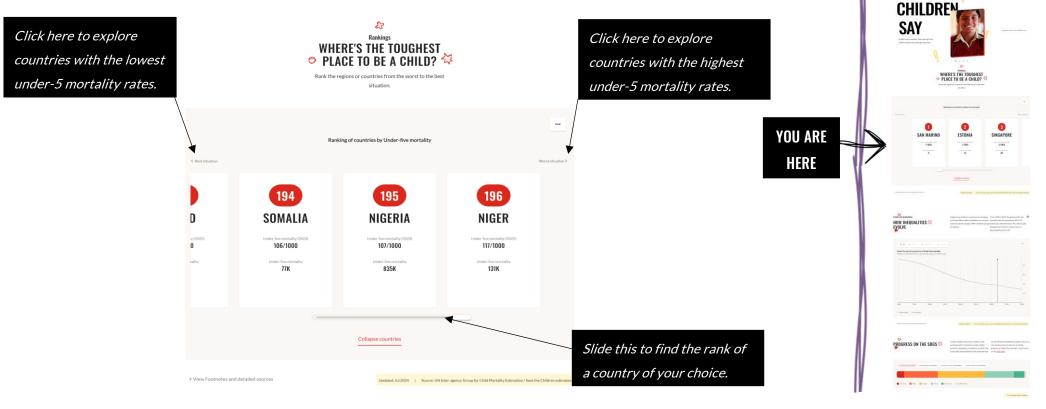
#### **RANK COUNTRIES**

UNDERSTAND THE SITUATION OF CHILDREN



Ranking of countries show the relative situation of children in a country compared to others globally.

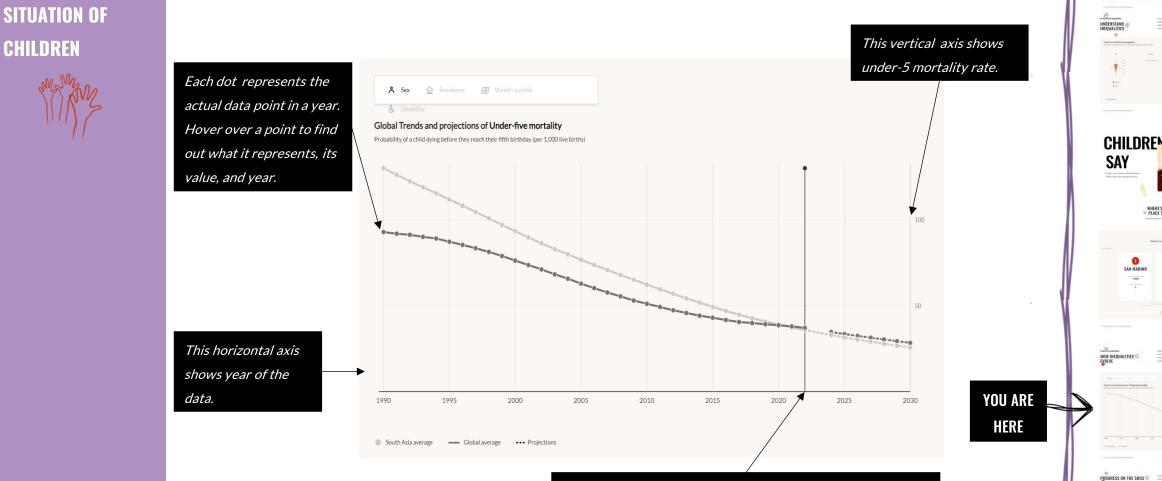
For example, ranking of countries by under-5 mortality shows Niger has the highest under-5 mortality rate in the world with a global rank of 196, where 111 children die per 1000 live births.



#### **TRENDS OVER TIME**

**UNDERSTAND THE** 

#### Trends and projections show where we were before, how far we have come, and how far we have to go to achieve our goals.



*The lines up to this point represent trends available in the data. The lines beyond this point show projections until 2030.* 

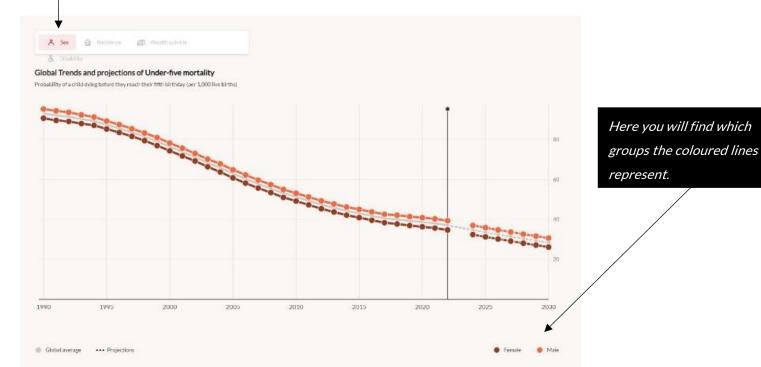
#### **GROUP-SPECIFIC TRENDS**

#### MAP INEQUALITIES

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For some indicators we will also find disaggregated trends and projections. *The graph below shows global trend and projection of under-5 mortality disaggregated by gender at the global level.* 

The icons in black show the available disaggregation. Click here to see disaggregated trends and projections by sex.



UNDERST CHILDRE SAY HOW INEQUAL YOU ARE HERE PROGRESS ON THE SDGS

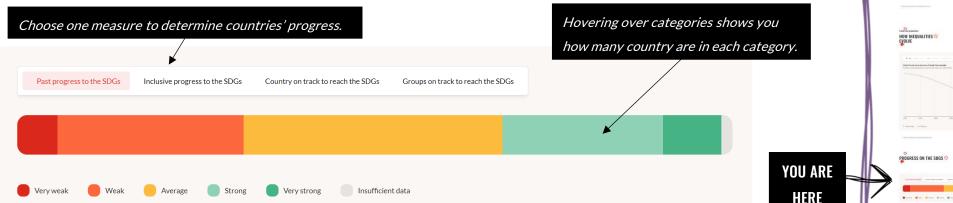
#### **PROGRESS ON THE SDGs**

UNDERSTAND THE SITUATION OF CHILDREN



In 2015, leaders from every country in the world agreed to 17 goals to create a better future for all people, everywhere, by 2030. The Sustainable Development Goals promised that no one will be left behind by progress, and that people who are furthest behind are reached first. Where data is available, visualisations across the Child Atlas help us to monitor the world's progress towards these essential goals for children across four measures:

- 'Past progress to the SDGs' assesses how countries as a whole have progressed so far.
- 'Inclusive progress to the SDGs' analyses gaps between different groups of children have closed.
- 'Country on track to reach the SDG' shows in a traffic-light system how likely the country is to reach the target.
- 'Groups on track to reach the SDGs' adds an inequality lens and reveals if all groups are on track.





Read more about

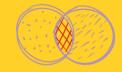
how we determine

SDG progress in

this blog post.

## **OVERLAP DATA**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



This moment of 'polycrisis' or overlapping crises is an important reminder that **looking at one sector or indicator in isolation is often not enough.** In addition to exploring data on one topic, the Child Atlas **shows how different topics overlap and relate to each other.** This feature helps us to understand how risks, crises, public policies, and financing overlap with child outcomes across health, education, protection, and broader well-being.

#### Start overlapping data by selecting a second indicator!





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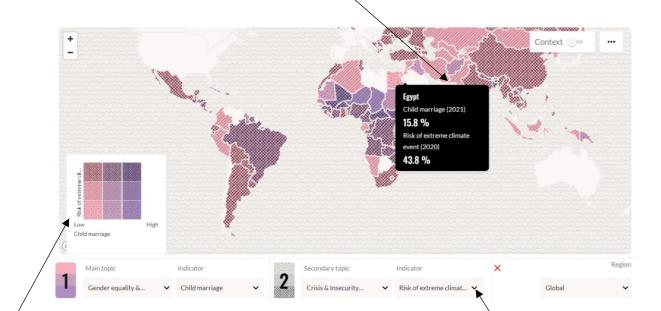
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## **OVERLAP DATA**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



You will then see overlap of the two indicators in the map. Hovering over the map will show you data on the two indicators together for each country. This will allow you to see if countries with high child marriage rates are also those experiencing high risk of extreme climate event and vice versa.



This colour coding in the legend will guide you in the interpretation of the overlapped data in the map. The solid colours show low (pink) to moderate (light purple) to high (deep purple) child marriage while the patterns show low (dots) to moderate (lines) to high (crosses) risk of extreme climate event.

*This will show you the pre-selected data on risk of extreme climate event indicator. You can change the indicator if you like from here.* 

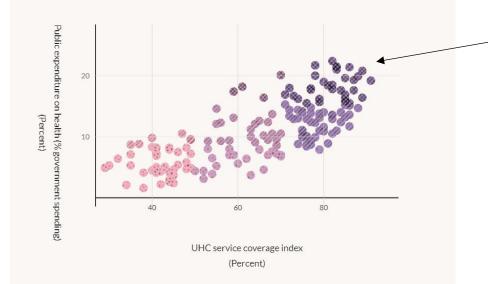


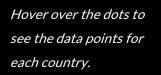
**YOU ARE** 

#### **CORRELATING TWO INDICATORS**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER After exploring the two indicators in the map, we can scroll down to see a correlation graph of the two indicators. Although this type of analysis is **only correlation, not causality**, it provides us with an initial understanding of the potential relationship (and therefore the basis for further research and analysis).

> UHC service coverage index vs Public expenditure on health (% government spending) Each dot represents a country





YOU ARE



#### **INEQUALITY WHEN CORRELATING TWO INDICATORS**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



We can then see disaggregated inequalities among children for two indicators. *The size of the triangles show that the average of low risk of extreme climate event regions have higher inequalities in child marriage by both residence and wealth quintile than the average of high risk of extreme climate event regions.* 

Croup based inequalities



groups of children's outcomes down by sex, location, werages. To socio-economic situation, disability and othe urthest behind, categories.



*Icons in the legend will guide you in the interpretation of the inequalities.* 



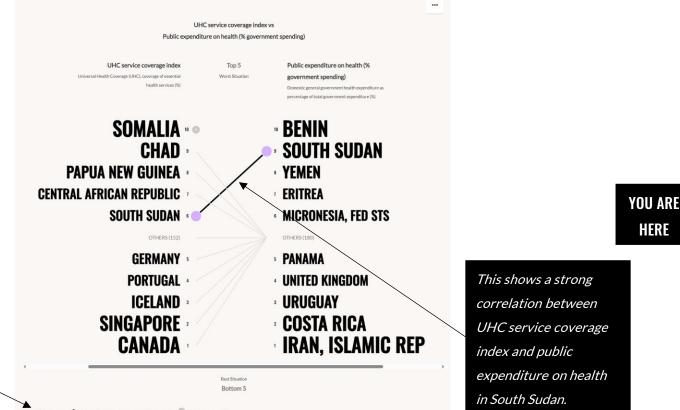
**YOU ARE** 

#### **CORRELATING TWO INDICATORS**

**UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH** OTHER



We can see the rank of 5 countries for each indicator in the best situation and 5 in the worst situation as shown below. It also allows users to identify the type of correlation-strong, weak, or inverse, if any.



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Interpret the type of correlation from here

# COUNTRIES

Country profiles for most low- and middle-income countries provide more detailed and granular information.



## **COUNTRY PROFILES**

To look beyond global and regional averages and focus on national and sub-national level data, click here on the countries page. You will find all country-specific data in one place. We have worked hard to visualise subnational data in maps and integrate new analysis options.





The Sustainable Development Goals promised to ensure that no one is left behind by progress and that those who are farthest behind are reached first. Country profiles across most low- and middle income countries allow you to analyse the progress of children across key development indicators, with a particular focus on those affected by inequality and discrimination.



#### NIGERIA

Nigeria is a lower middle income country in West & Central Africa. It ratified the UN Convention on the Rights of the Child. In 2015 the country committed to support delivery of the 17 Sustainable Development Goals by 2030 and the pledge to leave no one behind.

*2. Click here to select a country of your choice.* 



Select a country

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Countries

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#### **START EXPLORING COUNTRY PROFILES**

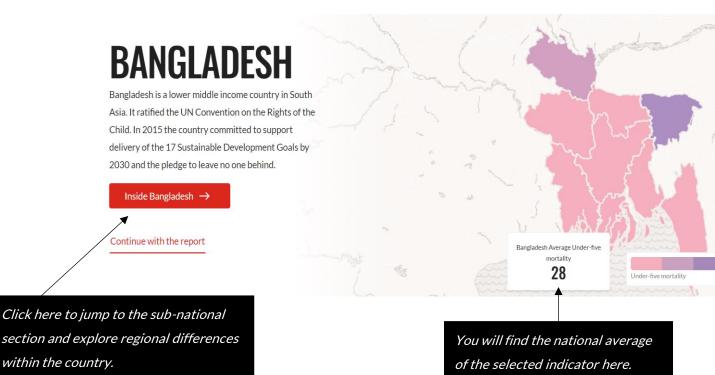
*Click anywhere on the page to jump to the relevant slide.* 

YOU ARE Here

UNDERSTAND THE SITUATION OF CHILDREN



After selecting the country, you will arrive at the country page. Country profiles combine a lot of different visualisations to show country data in context. Throughout the country page, there is a strong focus on disaggregated data (breaking national averages down by regions or different groups of children) – unfortunately, this data is only available for selected indicators.





#### **INEQUALITIES WITHIN COUNTRIES**



To have a more comprehensive understanding of the unique challenges faced by gender, economic groups, and regions, it is important to go deeper into disaggregated data to ensure all children have the chance to survive.

Within the triangles, each marker represents data for a sub-group as defined by the Each column represents a coloured dots below the triangles. For example, the wealth quintile triangle has 5 different sub-group of children. markers-richest, second quintile, middle quintile, fourth quintile, and poorest. Stunting by demographics Children under 5 years of age who are too short for their age (%) Hover over these dots Sex Residence Wealth quintile Disability Conflict affected in the triangles to see the exact indicator value for a particular group. Richest **(((()** Poorest Female Rural With disability Living in conflict zone Male Without disability Not affected by conflic The size of the triangles reflect the size of the inequality by groups. Bigger These coloured dots triangles show wider Less Inequality 🛉 🛉 More Inequality 🖌 ····· Bangladesh Average represent each category inequality and vice versa. of a sub-group

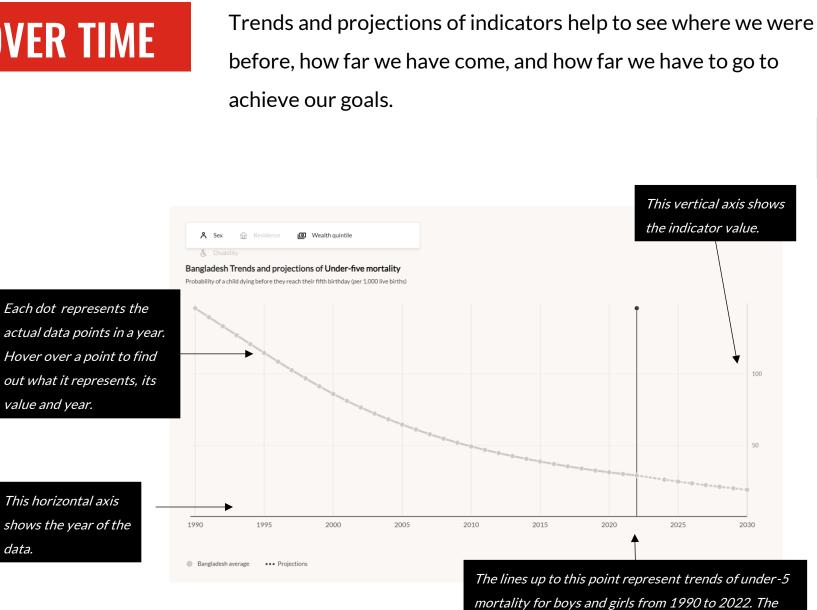


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#### **TRENDS OVER TIME**







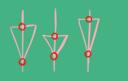
lines beyond this point show projections.



**YOU ARE** 

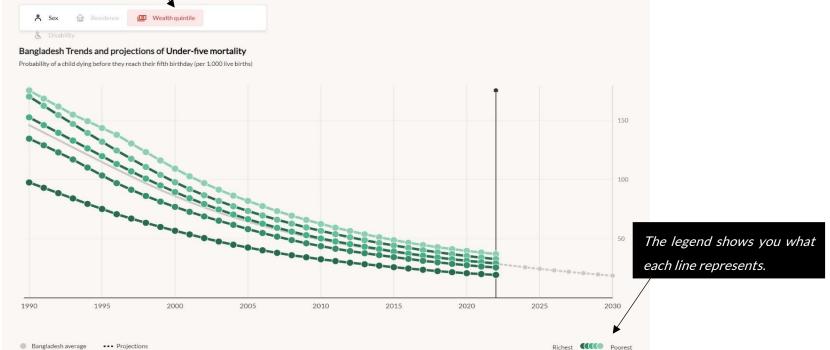
#### **GROUP-SPECIFIC TRENDS**





For some indicators we will also find disaggregated trends and projections. This helps us to see if different groups of children progressed in different speeds towards the goals.

*Click in the black icons below to see disaggregated trends and projections by sex or wealth quintile.* 



**YOU ARE** HERE CHILDRE

#### **PROGRESS ON THE SDGs**

For selected indicators, the country page also includes an

overview of a country's progress towards the SDGs.

#### UNDERSTAND THE SITUATION OF CHILDREN



*Each box reflects one of the measures we are using to determine SDG progress (<u>read more here</u>).* 

How strong has progress been towards the SDGs so far? **Average**  Has progress been inclusive? Are gaps between groups of children closing? Lack of inclusive progress Is the country on track to reach the SDGs? Low/average effort needed to reach target Are all groups on track to reach the SDGs? All groups reach target YOU ARE Here

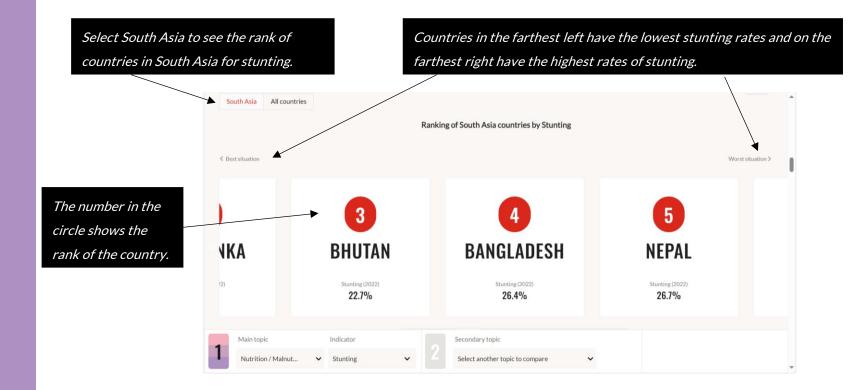


## **COMPARE TO OTHER COUNTRIES**

UNDERSTAND THE SITUATION OF CHILDREN



Ranking of countries show the relative situation of children in a country compared to others. You will be able to see the ranking of the country compared to other countries in the same region or compared to the rest of the world (for which data is available).





## **CHILDREN'S VOICES**

 $\mathbf{C}$ 

HEAR FROM CHILDREN



As on the Atlas page, we share children's experience and insights as they relate to the chosen topic. Whenever we have quotes from the country you are exploring, you can see those by scrolling through this visualisation.



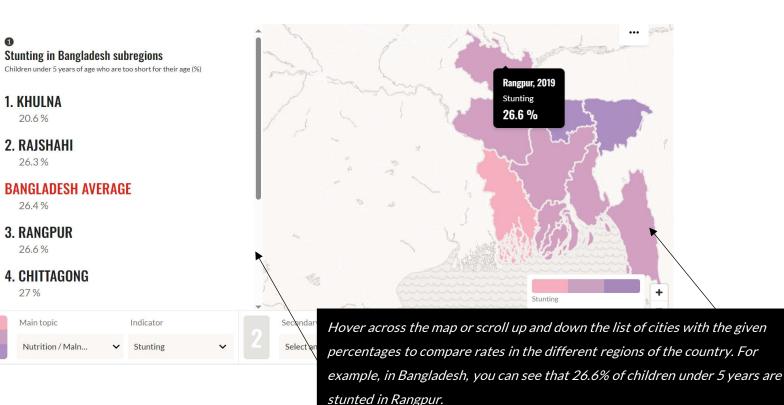


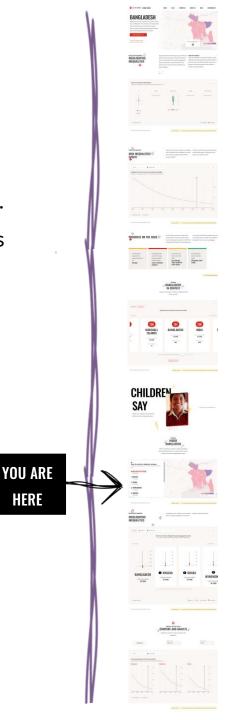
#### **EXPLORE SUBNATIONAL DATA**

**UNDERSTAND THE** SITUATION OF **CHILDREN** 



Where a child grows up matters. You can explore inequalities between different states or provinces within a country through a subnational disaggregation of data in the Child Atlas. Unfortunately, this data is only available for a smaller group of indicators, for which data is collected through household surveys.

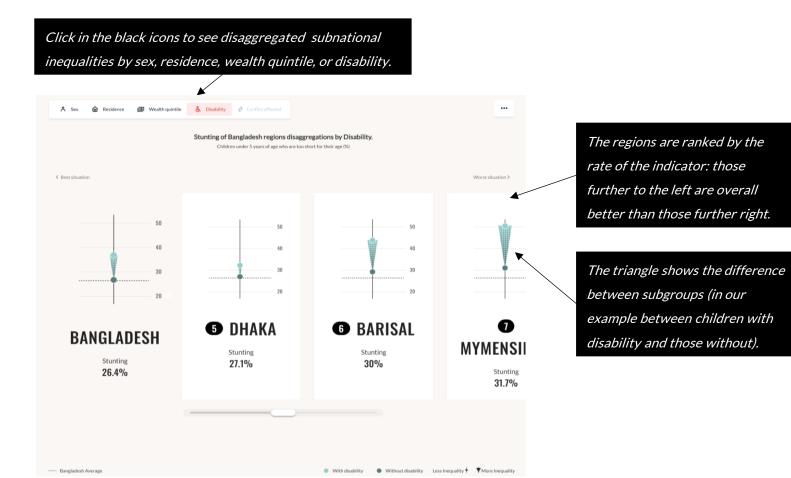




## **SUBNATIONAL INEQUALITIES**

**MAP INEQUALITIES** 

We also include disaggregated data at the subnational level. This data allows us to analyse and compare the varying inequalities across regions or districts.



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## **COMPARE TRENDS TO OTHER COUNTRIES**

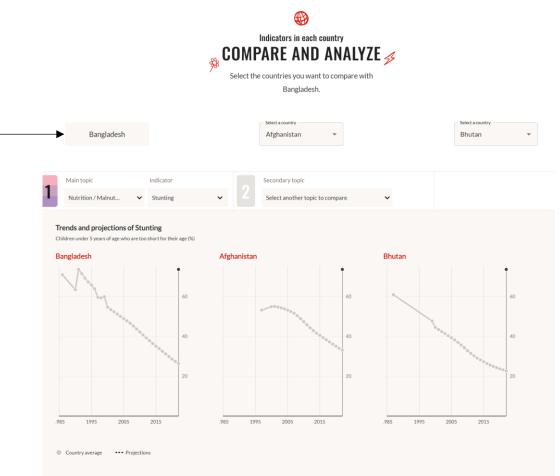
UNDERSTAND THE SITUATION OF CHILDREN



The country profiles also allow you to compare trends to other countries in the same region, allowing you to understand better how a country performs compared to their

You can change the country you want to compare your selected country with from this dropdown menu.

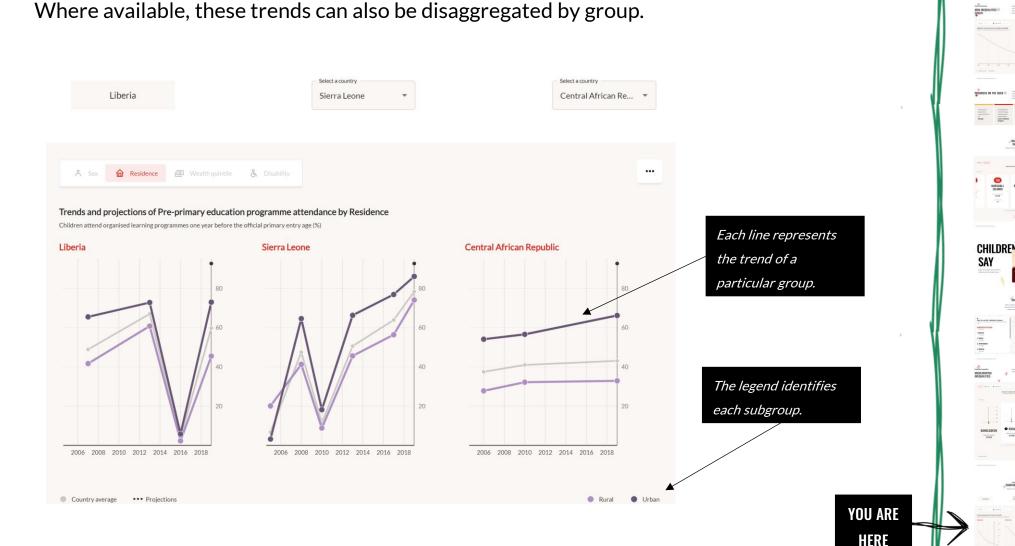
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## **COMPARE TRENDS TO OTHER COUNTRIES**

#### MAP INEQUALITIES

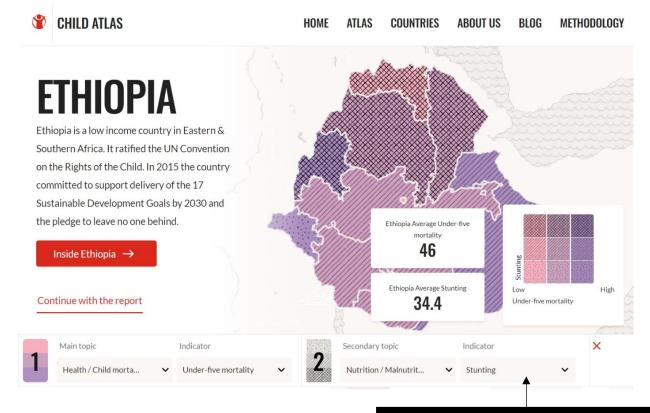


## **CORRELATING TWO INDICATORS**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



The country profiles allows you to look at two indicators at the same time, showing how different topics overlap and relate to each other.



*To start this feature, just select a second topic and indicator at the bottom of the screen.* 

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CHILDREN

## **CORRELATING TWO INDICATORS**

causality.

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



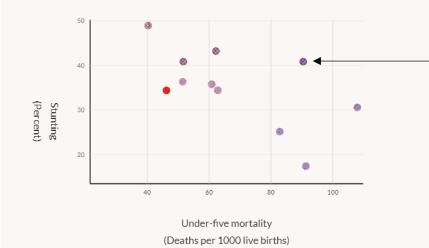
A graph allows you to explore if there is any correlation between both indicators. It is important to remember, that this type of analysis only proves **correlation, not** 

Global Region Sub National

If you choose global or region here, each of the dots is a country with the current country highlighted in red. If you choose subnational, you instead explore different subnational regions within the selected country.

#### Under-five mortality vs Stunting

🏽 🏈 😵 Each dot represents a sub-national region of Ethiopia. 🛛 🔴 Ethiopia average



*Hover over the dots to see the data points for both indicators in each sub-region.* 



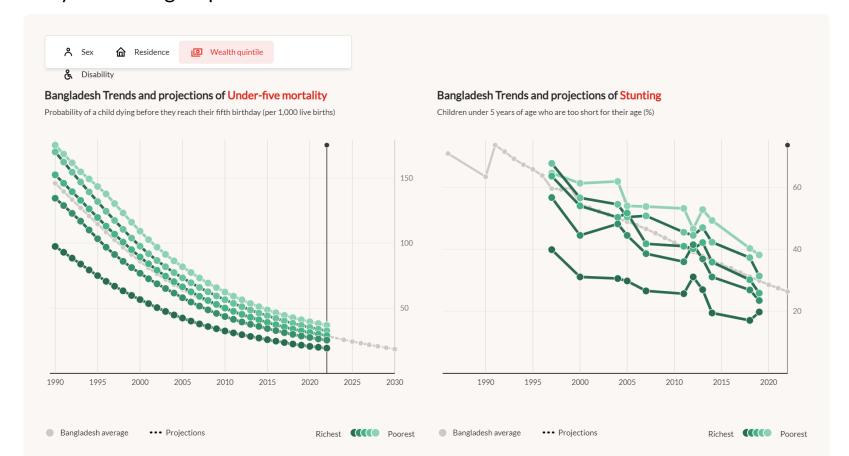
**YOU ARE** 

## **COMPARE TWO INDICATORS**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



You can analyse trends and projections of two indicators together to understand and compare how it has changed over time. When available, you can disaggregate these by different groups.



**YOU ARE** HERE CHILDREN

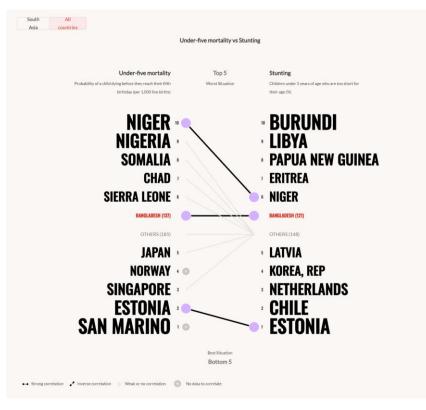
## **CORRELATING TWO INDICATORS**

UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER



You can see the rank of 5 countries for each indicator in the best situation and 5 in the worst situation as shown below. It also allows users to identify the type of correlation-strong, weak, or inverse, if any.

The Child Atlas also allows you to do the same at the subnational or regional level.





## **COMPARE TWO INDICATORS**

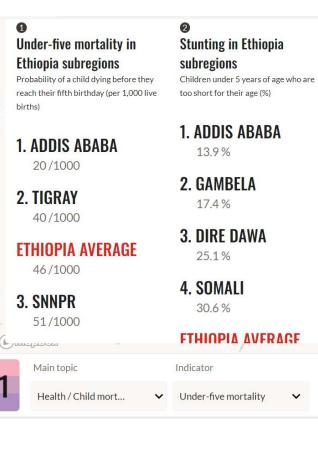
UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH OTHER

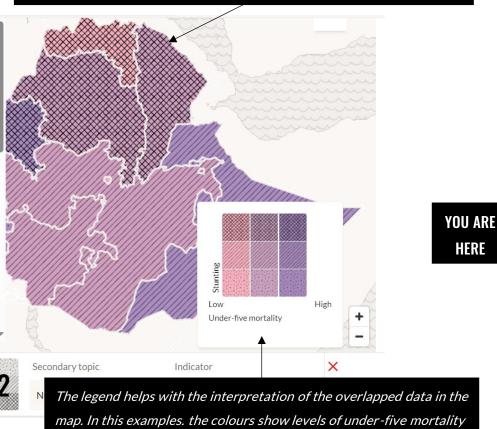


Where data is available, we show a subnational map for both indicators (as seen at

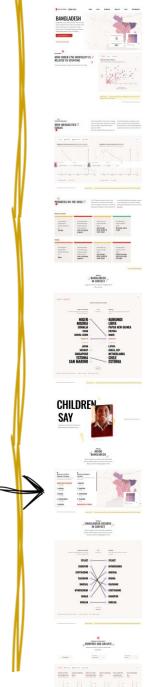
the top of the page).

You will then see overlap of the two indicators in the sub-national map. Hover across this map to see both under-5 mortality and stunting across sub-regions in Ethiopia.





(pink to purple), while the patterns show levels of stunting.

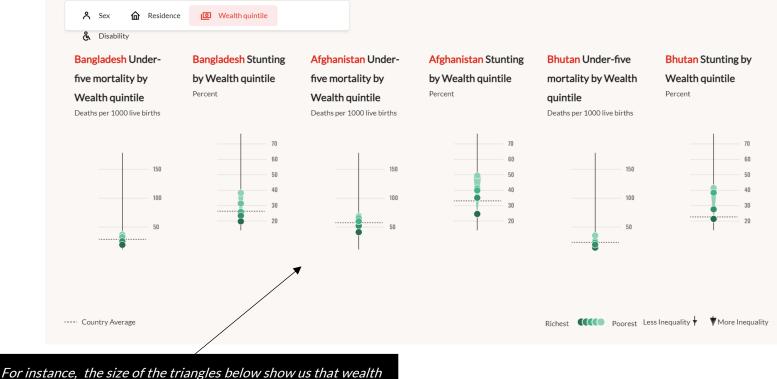


## **CORRELATING TWO INDICATORS**

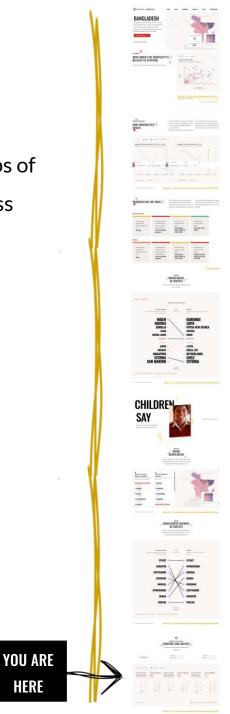
**UNDERSTAND HOW DIFFERENT TOPICS RELATE TO EACH** OTHER



Comparing group-based inequalities for two indicators allows us to identify which groups of children are facing high inequalities for each indicator. We can also compare these across countries.



inequality in stunting is higher than wealth inequality in under-5 mortality in Bangladesh, Afghanistan, and Bhutan.



#### **SUSTAINABLE DEVELOPMENT GOALS**



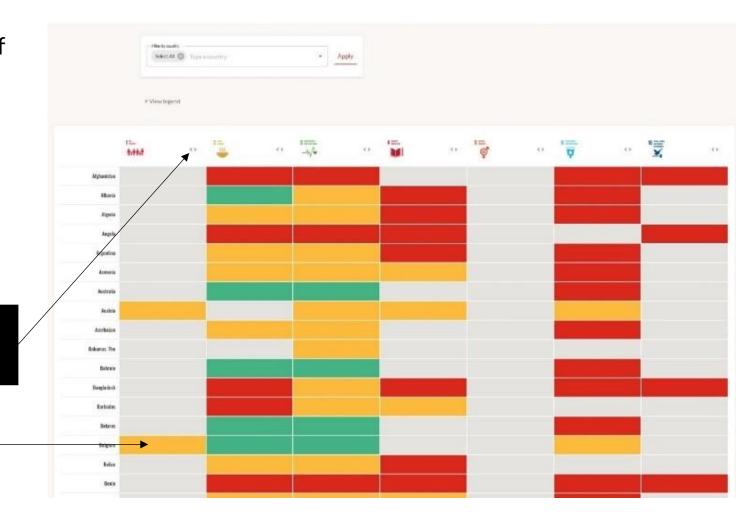
In 2015, leaders from every country in the world agreed to 17 goals to create a better future for all people, everywhere, by 2030. The Sustainable Development Goals promised that no one will be left behind by progress, and that people who are furthest behind are reached first.

The Child Atlas helps us to monitor our progress towards these essential goals for children. This page gives you a quick overview if constrines across the globe are on track to reach the SDGs. You can find more information about individual indicators in the <u>Atlan</u> and the <u>country profiles</u>. Our <u>methodology</u> shares more detail on how we asses progress towards the SDCs.

A dedicated SDG page gives a quick overview of the world's progress on some of the goals relevant for children. A trafficlight system indicates how likely countries are to deliver on a particular goal (based on an average of selected underlying childrelevant indicators).

> You can expand each goal to see progress on different child-relevant indicators we have included.

> > *Hover over the boxes to see more information.*



#### DATA STORIES TO ACCOMPANY THE NUMBERS

You'll find expert blogs presented alongside the data. We will include a wide range of data stories going forward, explaining what statistics mean for children, and discussing methodological challenges

You can find the blogs through the menu on the top of the page. Or just look out for links throughout the Child Atlas, as we link relevant blog posts directly to the data.



*You can filter the blogs by theme or region.* 

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#### CONTEXTUAL INSIGHTS AT YOUR FINGERTIPS

Child rights are often particularly at risk in countries facing crises and insecurities. By integrating key contextual factors, the Child Atlas now offers a quicker and more intuitive way to see how crises like conflict, climate risk, and poverty intersect with children's lives.



#### INEQUALITY IN PRE-PRIMARY ATTENDANCE IN WEST AND CENTRAL AFRICA

Early childhood education can shape the trajectories of children's lives, their communities and economies. Despite the short-term and long-term benefits of pre-primary education, half of all pre-primary school aged children are still out of school. The Child Atlas shows pre-primary attendance in Central African Republic (CAF), Liberia, and Sierra Leone had overall progress for all groups of children but sadly, progress has not been inclusive. It depicts more intriguing and



#### SAVING CHILDREN WITH VACCINES

The Child Atlas show global, regional and national trends of vaccine coverage. The global percentage of infants receiving three does of the DTP3 vaccine increased from 20% to 84% compared to an increase from 1% to 69% in West and Central Africa. We find interesting pathways when we look further at country-specific trends in West and Central Africa and do a cross-country analysis among 3 neighbouring countries—Ghana, Equatorial Guinea, and Guinea.

#### Read Post

#### REFLECTING ON THE INEQUALITIES IN ACCESS TO WASH IN PAPUA NEW GUINEA

Papua New Guinea faces one of the world's most acute crises in water, santation, and hygiene (WASH) facilities. More than half of the population on the access to an improved trinking water source and only about a quarter of the population have access to an improved sanitation facility. Analysing sub-national data beyond these national averages from the Child Atlas reveals more to the story hiding behind the national averages.

## HOW CAN THE CHILD ATLAS HELP YOU?

The Child Atlas brings you high-quality data alongside blogs and AI-generated explainers to make sense of the numbers. Bringing this data together will be valuable in providing a one-stop-shop and, crucially, in allowing us to better understand this data in context.

- **Describe and highlight the situation of children** through data, with a particular focus on those affected by inequality and discrimination, enabling intersectional analysis with disaggregated data.
- Hold decision-makers to account: Data in the Child Atlas helps us to monitor the advancement of children's rights and keep decision-makers accountable for it, helping to monitor progress towards child-relevant targets and goals across the 2030 Agenda.
- Help to make strategic and evidence-based decisions: The Child Atlas enables more data-driven decisions on the design and implementation of effective interventions addressing the needs and rights of children.
- Empower children and young people: The Child Atlas gives children access to information and tools that can help them to understand their own situation, express their views, participate in decision-making, and hold duty bears accountable.







Is there anything we missed explaining in this guide or where you would like to hear more about? Any other questions?

Please reach out to us at

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This user guide has been produced by Fareha Islam and Oliver Fiala, and will be continuously updated as the tools are further developed.

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