

SUPPORTING USERS TO FIND A STORY: POVERTY

Group 8

Birte Grosskopf, Charlie Lam, Chi Hong (Nigel) Chao,
Ibrahim Naboulsi, Jesper Jansson, Joel Sörensson

Link to the Figma prototype

<https://www.figma.com/proto/b0cy8sj3SMEROA2nBQDtjW/PovertyViz?node-id=438%3A13&viewport=4575%2C-1122%2C0.19542823731899261&scaling=contain>

VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD

SHELTER, UTILITY, EDUCATION

COUNTRIES


TOILET PAPER


LAUNDRY


WORK AREA


BED

BRAZIL













KAZAKHSTAN













USA













PHILIPPINES









SELECT PARAMETER

SHELTER

☒ Bed
☐ Kitchen
☐ Bathroom
☐ House
☐ Roof

EDUCATION

☒ Work area
☐ Paper
☐ Pens
☐ Writing
☐ Books

UTILITY

☐ Toilet
☒ Toilet Paper
☐ Tooth Brush
☐ Shampoo
☒ Laundry


APPLY

MONTHLY SALARY

\$600

\$1000

Search for a country...



SELECTED COUNTRIES

VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD

SHELTER, UTILITY, EDUCATION

COUNTRIES

BRAZIL

KAZAKHSTAN

USA

PHILIPPINES

TOILET PAPER

LAUNDRY

WORK AREA





BED





×





×





×

×









SELECT PARAMETER

SHELTER

EDUCATION

UTILITY

☒ Bed

☒ Work area

☐ Toilet

☐ Kitchen

☐ Paper

☒ Toilet Paper

☐ Bathroom

☐ Pens

☐ Tooth Brush

☐ House

☐ Writing

☐ Shampoo

☐ Roof

☐ Books

☒ Laundry

APPLY

MONTHLY

The user can select what items of the different households they would like to display

Brazil



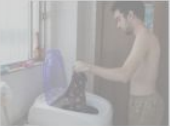

SELECTED COUNTRIES

VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD





SHELTER, UTILITY, EDUCATION

COUNTRIES





BRAZIL







KAZAKHSTAN



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☒ Laundry

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\$1000

Use the range bar to adjust the salary of the households in the countries

SEARCH FOR A COUNTRY





SELECTED COUNTRIES

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SHELTER, UTILITY, EDUCATION

COUNTRIES


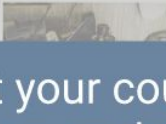


BRAZIL



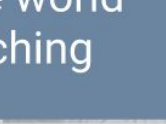
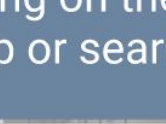
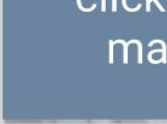

KAZAKHSTAN



USA



PHILIPPINES



Select your country by clicking on the world map or searching

SELECT PARAMETER

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\$1000

Search for a country...



USA
Brazil
Kazakhstan
Philippines

SELECTED COUNTRIES

VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD

SHELTER, UTILITY, EDUCATION







VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD

SHELTER, UTILITY, EDUCATION

COUNTRIES





BRAZIL

×







KAZAKHSTAN

×







USA

×



PHILIPPINES

×



TOILET PAPER

LAUNDRY

WORK AREA

BED

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USA

Kazakhstan





















Brazil

Philippines

SELECTED COUNTRIES

VISUALIZATION 1 - EXPLORING COUNTRIES ACROSS THE WORLD

SHELTER, UTILITY, EDUCATION

COUNTRIES	TOILET PAPER	LAUNDRY	WORK AREA	BED
BRAZIL				
KAZAKHSTAN				
USA				
PHILIPPINES				
NIGERIA				

SHELTER

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\$1000

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Brazil

Nigeria

Kazakhstan

Philippines

SELECTED COUNTRIES

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

RELATIVE POVERTY

EXTREME POVERTY



11,636,899
People



≈ 1 in 25



8,289,159
People



≈ 1 in 15



No data



1,041,318,194
People



≈ 1 in 7



1,654,938
People



≈ 1 in 9

CHANGE COUNTRIES / YEAR(S) >

SHOW OPPOSITE DATA <

ADULT ILLITERACY

Adult illiteracy rate is the percentage of people ages 15 and above who can't read or write, but have an understanding of short simple statement in their everyday life.

SOURCES:
data.worldbank.org
gapminder.org
ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

INDONESIA

2019

Population

270,625,568

CHANGE COUNTRY / YEAR >

CHANGE DATA >

COMPARE TO COUNTRY / YEAR >

SHOW OPPOSITE DATA <>



SOURCES:
data.worldbank.org
gapminder.org
ourworldindata.org



ADULT ILLITERACY

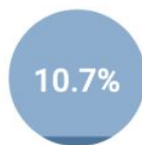


11,636,899
People



≈ 1 in 25

LACK BASIC WATER SERVICES



28,956,963
People



≈ 1 in 9

SEVERE FOOD INSECURITY



2,706,256
People



1 in 100

LACK BASIC SANITATION



72,798,228
People



≈ 1 in 4

RELATIVE POVERTY



28,686,310
People



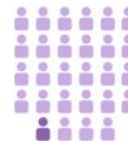
≈ 1 in 9

National poverty line
\$ 1.85

EXTREME POVERTY



9,742,520
People



≈ 1 in 28



≈ 1 in 25



≈ 1 in 15



≈ 1 in 7



≈ 1 in 9

ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

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2019

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CHANGE COUNTRY / YEAR >

CHANGE DATA >

COMPARE TO COUNTRY / YEAR >

SHOW OPPOSITE DATA 



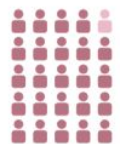
SOURCES:
data.worldbank.org
gapminder.org
ourworldindata.org



ADULT LITERACY



11,636,899
People



≈ 24 in 25

ACCESS TO
BASIC WATER SERVICES



28,956,963
People

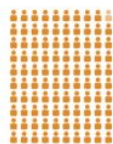


≈ 8 in 9

NOT SEVERE
FOOD INSECURITY



2,706,256
People



99 in 100

ACCESS TO
BASIC SANITATION

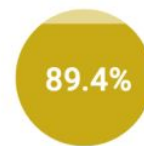


72,798,228
People



≈ 3 in 4

NOT IN
RELATIVE POVERTY

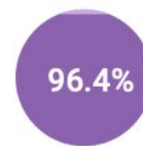


28,686,310
People



≈ 8 in 9

NOT IN
EXTREME POVERTY



9,742,520
People



≈ 27 in 28

National poverty line
\$ 1.85

≈ 1 in 25

≈ 1 in 15

≈ 1 in 7

≈ 1 in 9

ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

RELATIVE POVERTY

EXTREME POVERTY



CHANGE COUNTRIES / YEAR(S) >

SHOW OPPOSITE DATA <



28,956,963
People



≈ 1 in 9



892,679
People



≈ 1 in 143



0
People

Nobody



802,200,682
People



≈ 1 in 10



5,272,368
People



≈ 1 in 3

BASIC WATER SERVICES

The percentage of people lacking access to basic water services. This indicator encompasses both people lacking basic water services as well as those using safely managed water services. Basic drinking water services is defined as drinking water from an improved source, provided collection time is not more than 30 minutes for a round trip. Improved water sources include piped water, boreholes or tubewells, protected dug wells, protected springs, and packaged or delivered water.

SOURCES:
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ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

RELATIVE POVERTY

EXTREME POVERTY



CHANGE COUNTRIES / YEAR(S) >

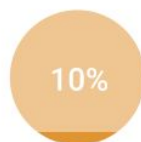
SHOW OPPOSITE DATA <>



2,706,256
People



1 in 100



12,752,553
People



1 in 10



123,425
People



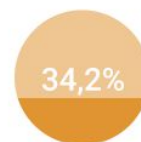
≈ 1 in 83



725,066,001
People



≈ 1 in 11



5,008,750
People



≈ 1 in 3

SEVERE FOOD INSECURITY

The percentage of people in the population who live in households classified as severely food insecure. A household is classified as severely food insecure when at least one adult in the household has reported to have been exposed, at times during the year, to several of the most severe experiences described in the FIES questions, such as to have been forced to reduce the quantity of the food, to have skipped meals, having gone hungry, or having to go for a whole day without eating because of a lack of money or other resources.

SOURCES:
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VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

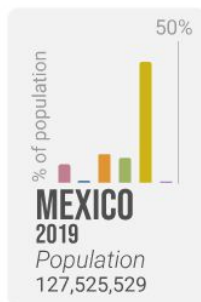
RELATIVE POVERTY EXTREME POVERTY



72,798,228
People



≈ 1 in 4



11,222,247
People



≈ 1 in 11



71,998
People



≈ 1 in 143



1,974,647,834
People



≈ 1 in 4



9,343,809
People



≈ 1 in 2

CHANGE COUNTRIES / YEAR(S) >

SHOW OPPOSITE DATA <>

BASIC SANITATION

The percentage of people lacking access to least basic sanitation services, that is, improved sanitation facilities that are not shared with other households. This indicator encompasses both people using basic sanitation services as well as those using safely managed sanitation services. Improved sanitation facilities include flush/pour flush to piped sewer systems, septic tanks or pit latrines; ventilated improved pit latrines, composting toilets or pit latrines with slabs.

SOURCES:
data.worldbank.org
gapminder.org
ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

RELATIVE POVERTY

EXTREME POVERTY



CHANGE COUNTRIES / YEAR(S) >

SHOW OPPOSITE DATA <=>

10.6%

28,686,310
People



1 in 9

National poverty line
\$ 1.85

42.7%

54,453,401
People



≈ 1 in 2

National poverty line
\$ 8.02

17.1%

1,758,812
People



1 in 6

National poverty line
\$ 29.09



No data

38.3%

5,609,214
People



≈ 1 in 3

National poverty line
No data

RELATIVE POVERTY

Relative poverty is when households receive 50% less than average household incomes, so they do have some money but still not enough money to afford anything above the basics. This type of poverty is, on the other hand, changeable depending on the economic growth of the country.

SOURCES:
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ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

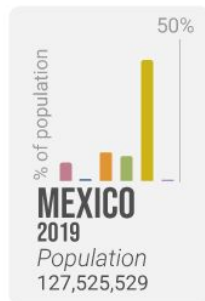
LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

LACK BASIC SANITATION

RELATIVE POVERTY

EXTREME POVERTY ⚙️

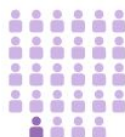


CHANGE COUNTRIES / YEAR(S) >

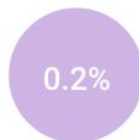
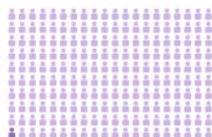
SHOW OPPOSITE DATA ↔



9,742,520
People



637,628
People



20,571
People



709,639,065
People



4,964,814
People



EXTREME POVERTY

Extreme poverty is defined as living on less than \$1.90 per person per day.

SOURCES:
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gapminder.org
ourworldindata.org

VISUALIZATION 2 - COMPARING PROBLEMS ACROSS THE WORLD

HUNGER, UTILITY, EDUCATION

ADULT ILLITERACY

LACK BASIC WATER SERVICES

SEVERE FOOD INSECURITY

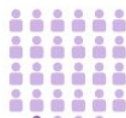
LACK BASIC SANITATION

RELATIVE POVERTY

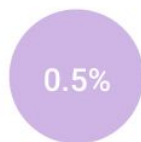
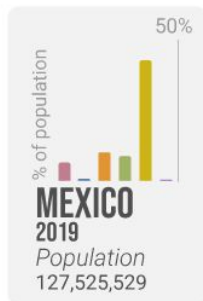
EXTREME POVERTY 



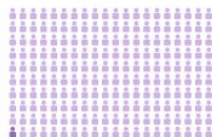
9,742,520
People



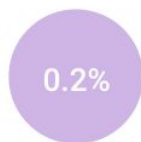
≈ 1 in 28



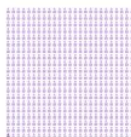
637,628
People



1 in 200



20,571
People



1 in 500



709,639
People



≈ 1 in 1000

SELECT A COUNTRY

Back >

Search for a country or region...



SWEDEN
2019
Population
10,285,453

2019 ▼



MEXICO
2019
Population
127,525,529

2019 ▼



INDONESIA
2019
Population
270,625,568

2019 ▼



ZIMBABWE
2019
Population
14,645,468

2019 ▼



WORLD
2019
Population
7,713,468,100

2019 ▼

Done

VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



TOYS



Family: Lyckner
Household Salary: \$3439

Median Household Salary in Sweden: \$4209.5



INFO



Family: Paramanik
Household Salary: \$59

Median Household Salary in Bangladesh: \$235



VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



TOYS

 **SWEDEN** ▼



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INFO

 **BANGLADESH** ▼



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SHELTER, UTILITY, HUNGER



SHELTER



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INFORMATION



TOYS



SWEDEN



Family: Lyckner
Household Salary: \$3439

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4 Bedroom

Living there for 10 years

Built the house on their own

Reliable electricity



INFO



BANGLADESH



Family: Paramanik
Household Salary: \$59

Median Household Salary in Bangladesh: \$235



3 Bedroom

Living there for 58 years

Built the house with friends, family

Electricity but with frequent power failures

VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



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Spend about 30% of their income

Buy all their food supplies

Use electricity for cooking

Safe drinking water at home

Spend nearly all of their income

Buy all food supplies from market

Collect firewood for stove

Free drinking water source on premises



VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



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Ceramic toilet

Bathroom



Toilet well

Outdoor shed

VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



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Mobile phone, home phone

TV

Books

Laptop



Mobile phone

VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



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Planning to buy a car

Dream of outdoor furniture

Favorite item photos, videos of their children

Plan to buy groceries for their meal

Dream of owning a permanent structure house



VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



TOYS



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Sweden: \$4209.5



INFO



INDIA

aramanik
Id Salary: \$59



USA

lousehold Salary in
ish: \$235



SOUTHAFRICA



SERBIA



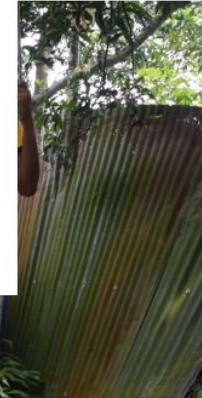
BRAZIL



ITALY



GHANA



VISUALIZATION 3 - COMPARING FAMILIES OF COUNTRIES AGAINST SWEDEN

SHELTER, UTILITY, HUNGER



SHELTER



HUNGER



SANITATION



INFORMATION



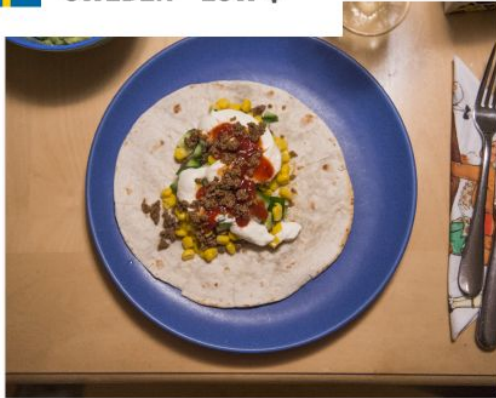
TOYS

 SWEDEN ▾

 SWEDEN - HIGH \$
er
lary: \$3439

 SWEDEN - MIDDLE \$
hold Salary in
9.5

 SWEDEN - LOW \$



INFO

 BANGLADESH ▾



Family: Paramanik
Household Salary: \$59

Median Household Salary in
Bangladesh: \$235



THANK YOU FOR LISTENING

Link to the Figma prototype

<https://www.figma.com/proto/b0cy8sj3SMEROA2nBQDtjW/PovertyViz?node-id=438%3A13&viewport=4575%2C-1122%2C0.19542823731899261&scaling=contain>