



7th Global Forum on Gender Statistics

A Federated System of SDGs Data Hubs and the use of Geospatial Data to Monitor Gender Equality

Linda Peters

www.esri.com

Integration of Statistical and Geospatial Data

Global
Statistical
Geospatial
Framework
(GSGF)

Usable

Interoperable

Common Geographies

Geocoded Units

Fundamental Geospatial Infrastructure



Statistical Process Model (GSBPM)

Planning/
Pre Enumeration

Enumeration

Post Enumeration/
Dissemination

Specify
Needs

Design

Build

Collect

Process

Analyze

Disseminate

Evaluate

Quality / Metadata Management

Shifting Role of GIS in Official Statistics

Geographic and Statistical Data Are Foundation

An Integrated Data Model is Essential

Boundaries



Key

EA Id	Area
1203501750071	42.3
1203501750072	34.8
1203501750073	26.9
1203501750074	51.2

Census Data

EA Id	Population	Male	Female
1203501750071	432	209	223
1203501750072	502	240	262
1203501750073	525	258	267
1203501750074	494	251	243

EA Id	Num HH	Avg HH size
1203501750071	89	4.9
1203501750072	98	5.1
1203501750073	102	5.1
1203501750074	85	5.8

Nested Administrative Hierarchy

Provinces



Districts



Localities



Enumeration Areas



Diagram and information taken from the "Handbook on the Geospatial Infrastructure in Support of Census Activities", Department of Economic and Social Affairs, United Nations Statistics Division

GIS Provides a Platform

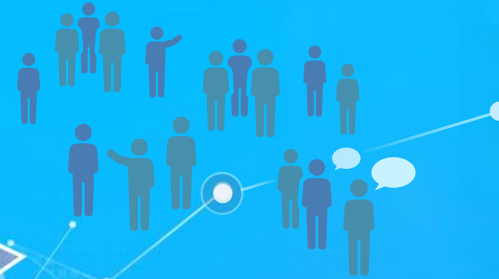
For Managing, Analyzing, and Applying
Geographic, Statistical & Imagery Information

Integrating People,
Processes, Things,
and Data About Them

System of
Record



System of
Engagement



System of
Insight



Using the Power of Where
to Integrate Everything



Information Systems are Becoming Distributed

A New Architecture Is Emerging

Enabling integrated
collaboration and
coordination

Dynamic
Systems-of-Systems



*Enabled by Portals . . .
. . . Abstracting Distributed Data and Analytics*

New Types of Data Collaborations Are Emerging

Connecting Individuals, Organizations and Communities



Individuals

Breaking Down
Barriers

Organizations

Sharing Geo-Statistical
Knowledge

**Networks of
Organizations**

... *Creating a Nervous System for People and Planet
and a Means to Measure and Monitor Progress...*

Web GIS Simplifies Working With All Types of Data

Using Web Maps, Scenes, and Layers

Creating
A Common Language

Apps

Distributed

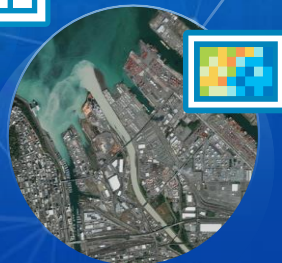
Portal



Map



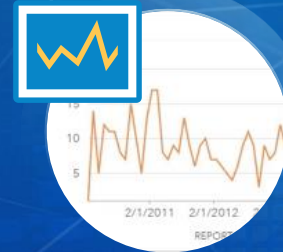
Tabular



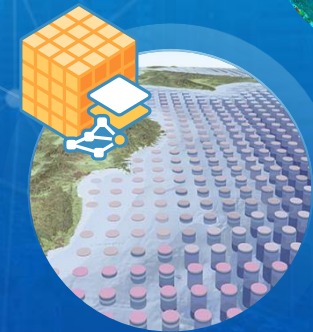
Imagery



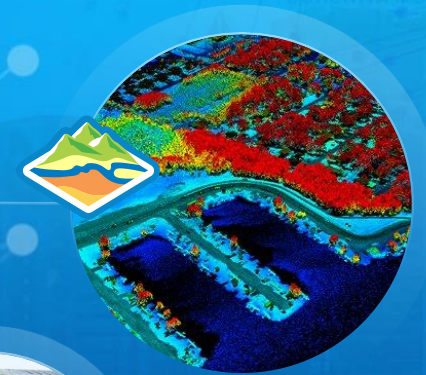
3D



Real-Time
(IoT)



Big Data



Lidar

Providing the Integrating Framework and Processes

For Enabling a Smarter World



Data Collection
and Development

Data Integration,
Sharing and
Management

Geo-Statistical
Analytics
and Modeling

Action and
Outcomes

Stakeholder
Engagement

Planning and
Decision-Making

*Transforming How We Think and Act . . .
. . . Creating a More Sustainable Future*

Delivering

Collaborating

Informing

Understanding

Integrating Geography and Statistics

To understand our society, economy and environment



GIS Provides the Means . . .



*. . . For Creating
Federated Systems*



The UN with Member States have Developed a Federated System for the SDG's

- Country-owned, Country-led
- Global data coverage
- Supporting the Monitoring and Reporting of the SDGs

The screenshot shows the 'UN Sustainable Development Goals Data Hub' website. At the top, there is a navigation bar with 'About', 'Data Catalog', 'SDG API', and 'Contact'. Below this is a world map with several circular callouts containing data visualizations and text related to different SDGs. A prominent callout for Goal 1 (No Poverty) shows 'Number of people living in extreme poverty (in billion)'. Another callout for Goal 5 (Gender Equality) shows 'Global maternal mortality ratio'. Below the map is a blue banner with the text 'Welcome to the Open SDG Data Hub' and a paragraph explaining the hub's purpose: 'To fully implement and monitor progress on the Sustainable Development Goals, decision makers everywhere need data and statistics that are accurate, timely, sufficiently disaggregated, relevant, accessible and easy to use. This open data website promotes the exploration, analysis and use of authoritative SDG data sources for evidence-based decision-making and advocacy. Its goal is to enable data providers, managers and users to discover, understand, and communicate patterns and interrelationships in the wealth of SDG data and statistics that are now available.' Below the banner is a section titled 'Explore Open Datasets by Goal' with a grid of 17 goal icons. At the bottom, it says '17 Goals to Transform Our World'.

UN Sustainable Development Goals Data Hub

Welcome to the Open SDG Data Hub

To fully implement and monitor progress on the Sustainable Development Goals, decision makers everywhere need data and statistics that are accurate, timely, sufficiently disaggregated, relevant, accessible and easy to use. This open data website promotes the exploration, analysis and use of authoritative SDG data sources for evidence-based decision-making and advocacy. Its goal is to enable data providers, managers and users to discover, understand, and communicate patterns and interrelationships in the wealth of SDG data and statistics that are now available.

Explore Open Datasets by Goal


17 Goals to Transform Our World

UNSD Created Group for Gender Statistics

Bring together community focused on gender statistics

Gender Story Map initiative

Overview Content Members




Collaboration group for the creation of a multi-country "gender story map."
owned by unstats_admin

Description


This group brings together a multi-disciplinary team of experts from National Statistical Offices, United Nations Statistics Division, and Esri to collaborate on the creation of a multi-country "gender story map." The immediate objective is to demonstrate how the geospatial perspective can enrich the analysis of gender indicators and provide additional insights for policy makers. Furthermore, this initiative will contribute to ongoing work to improve the communication of gender indicators using web-GIS technologies, including through the establishment of a dedicated collaborative group, with the possible participation of additional countries, and leveraging the tools and capabilities that become available through the FIS4SDGs initiative.

Latest Content


[View All Group Content](#)




Female representation in p...
by sdgireland_curator
Created: Sep 13, 2018
Updated: Nov 15, 2018



Women's economic empo...
by unstats_admin
Created: Sep 25, 2018
Updated: Nov 15, 2018



Gender Story Map
by unstats_admin
Created: Sep 25, 2018
Updated: Nov 13, 2018





Breaking the poverty chain...
by fco_mendoza_unsd
Created: Nov 8, 2018
Updated: Nov 10, 2018


Details

Created: [September 11, 2018](#)
Viewable by: Only group members
Contributors: Members

17 101

Owner

 unstats_admin

Membership

[Leave Group](#)

✓ You are a member

Tags

[gender](#), [Story Map](#), [gender statistics](#)

Invited those with interest to join

Bring together community focused on gender statistics

Home Gallery Map Scene Groups Content Organization 3 Linda

Gender Story Map initiative

Overview Content **Members**










Group Role

- Owner and Group Managers
- Member

Date Joined

Search group member

1 - 16 of 17 Sort by: Name

Name	Group Role	Joined
 UN Stat Admin (unstats_admin)	Owner	Sep 12, 2018
 Travis Butcher (tbutcher_undesa)	Member	Sep 12, 2018
 Mehmet Sökeli (sokeli_undesa_dev)	Member	Sep 12, 2018
 Curator Ireland (sdgireland_curator)	Member	Oct 3, 2018
 Rania Abu Ghaboush (mrania_PCBS)	Member	Oct 15, 2018
 Mark Iliffe (mark.iliffe_undesa)	Member	Sep 12, 2018
 Linda Peters (LPeters_NSO)	Member	Nov 6, 2018
 Kevin McCormack (kevin.mccormack_irelandsdg)	Member	Oct 1, 2018
 Helen Cahill (helen.cahill_irelandsdg)	Member	Nov 6, 2018

Country Led - configuring data and apps

The screenshot displays a web application interface for the 'Gender Story Map initiative'. The top navigation bar includes links for Home, Gallery, Map, Scene, Groups, Content, and Organization. A search bar and user profile (Linda) are also visible. The main content area is divided into a left sidebar for refining content and a main list of items.

Refine Content Sidebar:

- Group Categories:** This section is circled in green and contains three items: 'Women's voice', 'Women's safety and human rights', and 'Women's economic empowerment'.
- Time:** Includes a 'Clear' button.
- Maps, Layers, Scenes:** Standard filtering options.
- Apps:** Includes 'Web Apps', 'Mobile Apps', and 'Desktop Apps'. A 'Registered Apps Only' toggle is present.
- Tools, Files:** Additional filtering options.
- Advanced Filters:** Includes 'Date Modified', 'Tags', and 'Shared'.

Main Content Area:

- Search:** 'Search group content' with a search icon.
- Filters:** '1 - 14 of 14' items, 'Filters: Type: Apps', and a 'Clear All' button.
- Sort:** 'Sort by: Date Modified' with a dropdown arrow.
- Item 1:** 'Women's safety and human rights' (Web Mapping Application by unstats_admin). Updated: Sep 25, 2018. View Count: 13.
- Item 2:** 'Non formal Mexican women workers' (Web Mapping Application by fco_mendoza_unsd). Updated: Oct 12, 2018. View Count: 6.
- Item 3:** '1.2.2 Men, women and children in all ages whose live in poverty in all dimensions' (Web Mapping Application by fco_mendoza_unsd). Updated: Oct 20, 2018. View Count: 39.

Country Led - configuring data and apps

Home Gallery Map Scene Groups Content Organization 3 Linda

Gender Story Map initiative

Overview Content Members

Refine Content

Group Categories

- Women's voice
- Women's safety and human rights
- Women's economic empowerment

Item Type Clear

- Maps
- Layers
- Scenes
- Apps
 - Web Apps
 - Mobile Apps
 - Desktop Apps
- Registered Apps Only
- Tools
- Files

Date Modified

Tags

Shared

Search group content

1 - 14 of 14 Filters: Time Ago Sort by: Date Modified

Women's safety and human rights

Web Mapping Application by unstats_admin

Sub-story on women's safety and human rights

Updated: Sep 25, 2018 View Count: 13

Non formal Mexican women workers

Web Mapping Application by fco_mendoza_unsd

Non formal Mexican women workers

Updated: Oct 12, 2018 View Count: 6

1.2.2 Men, women and children in all ages whose live in poverty in all dimensions




Web Mapping Application by fco_mendoza_unsd

1.2.2 Men, women and children in all ages whose live in poverty in all dimensions

Updated: Oct 20, 2018 View Count: 39

UNSD Gender Story Map Template

Gender Story Map

A Story Map   



Introduction

Women's Voice

Women's safety and human rights

Women's economic empowerment

In 2016, all Member States of the United Nations adopted 17 Global Goals to end poverty, protect the planet and ensure prosperity for all as part of a new 2030 Agenda for Sustainable Development.

This **Gender Story Map** showcases how the geospatial perspective can enrich the analysis of gender indicators to follow-up and review progress towards achieving the 2030 Agenda.

It highlights challenges and progress towards the achievement of the Sustainable Development Goals and Targets, providing insights from global, national and sub-national data on three main pillars of gender, namely:

1. Women's economic empowerment
2. Women's voice
3. Women's safety and human rights.



Gender Story Map

- Introduction
- Women's Voice
- Women's safety and human rights
- Women's economic empowerment



A Story Map

Women's Voice





Women's safety and human rights



Gender Story Map

Introduction

Women's Voice

Women's safety and human rights

Women's economic empowerment



A Story Map

Women's economic empowerment

A photograph of two women in business attire sitting at a table, laughing and looking at each other. The woman on the left has curly hair and is wearing a white blazer over a dark top. The woman on the right has blonde hair and glasses, also wearing a white blazer. They are in a well-lit, modern interior setting. A white chevron icon points downwards at the bottom center of the image.

Gender Story Map

- Introduction
- Women's Voice
- Women's safety and human rights
- Women's economic empowerment



A Story Map

Women's Voice



Gender Story Map

Introduction

Women's Voice

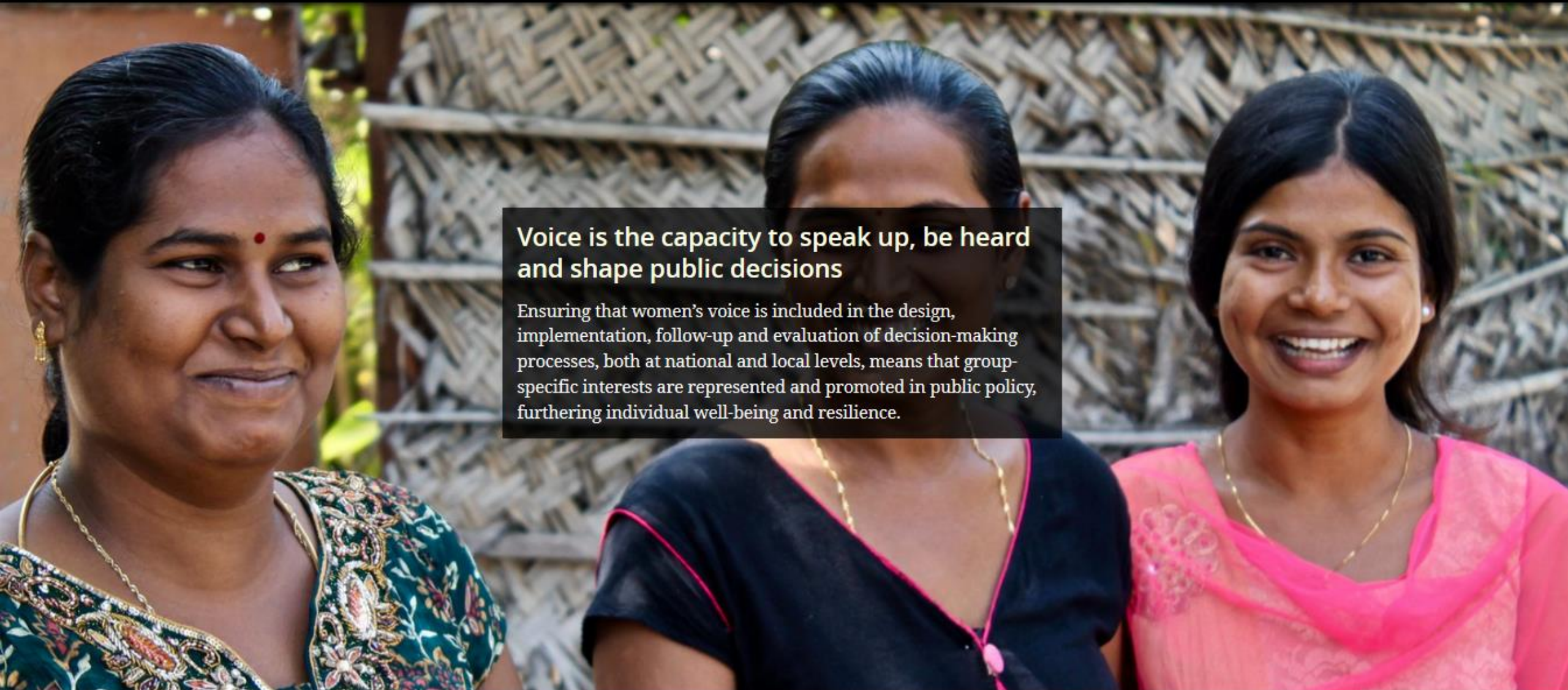
Women's safety and human rights

Women's economic empowerment



Women's Voice

A Story Map



Voice is the capacity to speak up, be heard and shape public decisions

Ensuring that women's voice is included in the design, implementation, follow-up and evaluation of decision-making processes, both at national and local levels, means that group-specific interests are represented and promoted in public policy, furthering individual well-being and resilience.

Gender Story Map

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Women's Voice

A Story Map

Women's participation in public discourse has intrinsic value for social change and progress

Established evidence reveals that when at least 25 percent of members of parliament are women, laws that discriminate against women are more likely to be repealed (Hallward-Driemeier, Hasan and Rusu, 2013).

Among developing countries, those with higher shares of women parliamentarians are more likely to pass comprehensive laws on sexual harassment, rape, divorce and domestic violence (Asiedu et al., 2018).

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Women's Voice

A Story Map

All people -women and men, girls and boys- should have the opportunity to realize their potential and participate fully in all aspects of life without any distinction, exclusion or restriction made on the basis of sex

By ratifying the [Convention on the Elimination of All Forms of Discrimination against Women](#), which came into force in 1979, 189 countries demonstrate a strong commitment to eliminating discrimination against women in political and public life.

The 1995 [Beijing Platform of Action](#) identifies key universally accepted benchmarks such as women in power and decision-making.

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Women's Voice

A Story Map

DEVELOPMENT GOALS

1 NO POVERTY

2 ZERO HUNGER

Furthermore, the **2030 Agenda for Sustainable Development** comprises various targets in Goal 5 on achieving gender equality and empowering all women and girls. This includes Target 5.5 on ensuring women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life.

5 GENDER EQUALITY

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

5 GENDER EQUALITY

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

14 LIFE BELOW WATER

15 LIFE ON LAND

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS

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Women's Voice

A Story Map

The global perspective



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Women's Voice

A Story Map

The global perspective

Despite advances over several decades, women both in developing and developed regions have limited voice and continue to be significantly underrepresented in formal politics and positions of power.

Worldwide, women account for 24.0 percent of parliamentarians as of September 2018, up from 16.8 percent in end-2006 (IPU). Despite incremental gains in ministerial positions, the majority of women ministers holds social portfolios, while defense, finance or economic portfolios are more likely held by men (IPU). Rates, however, vary across countries and regions.

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Women's Voice

A Story Map

Persisting imbalances between women's and men's participation in senior positions in public decision-making processes could stem from a multitude of hurdles faced by women

These include discriminatory social norms and gender stereotypes, threats of violence and intimidation, fewer education opportunities, limited financing and resources and disproportionate burden for unpaid care work.

The global perspective





The global perspective

Amplifying women's voice and ensuring their full participation in leadership positions in political and public decision-making processes will contribute substantially to achieving the Sustainable Development Goals (SDGs).

However, the data challenges are large, including on women's political participation at the local level.


Gender Story Map


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A Story Map 

The local perspective

The following storymap has been created by the Republic of Ireland's Central Statistics Office. To explore the narrative, please press the "explore" button on the bottom right.



Female representation in politics in Ireland

Gender Story Map

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Women's Voice

A Story Map



Female representation in politics in Ireland

This Story Map illustrates changes in female representation in recent Local Government and General Elections in [Ireland](#) between 2004 and 2016.

Women are significantly out-numbered by men in both local and national politics in Ireland. However, the introduction of gender quota legislation before the 2016 General Elections did produce a small increase in female representation. Patterns of female representation in the 2004, 2009 and 2014 Local Government elections and in the 2011 and 2016 General Elections are examined in the text below. Maps are used alongside the text to demonstrate the regional patterns in the proportions of females elected.

This Story Map has been developed to show case how the geospatial perspective can enrich the analysis of gender indicators. It is also part of the work involved in reporting Ireland's status in relation to achieving the United Nations (UN) Sustainable Development Goals.

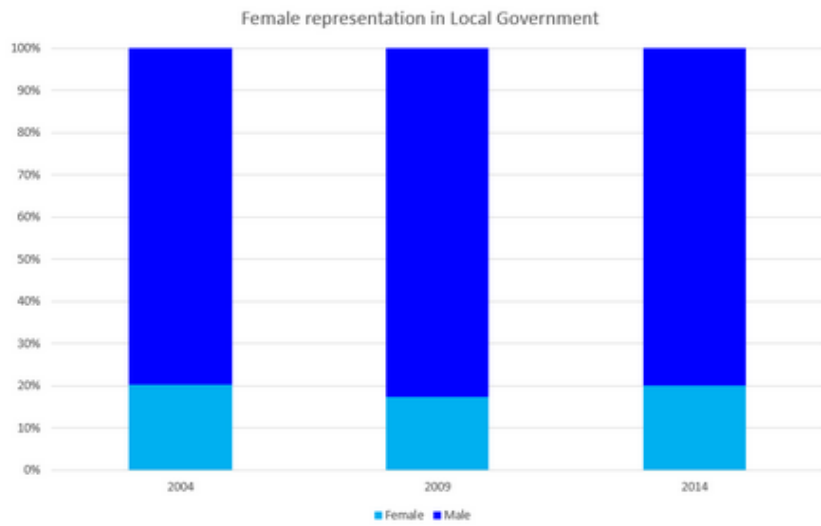
Men significantly out-numbered women in Local Government seats between 2004 and 2014 with about four times as many men as women.

Nationally there has been very little change in female representation over this time period. In the 2004 round of elections 20.2% of Local Government seats were taken by women but this dropped to 17.3% in the 2009 elections before rising to 20.1% in 2014.

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Men Significantly Out-Number Women in Local Government



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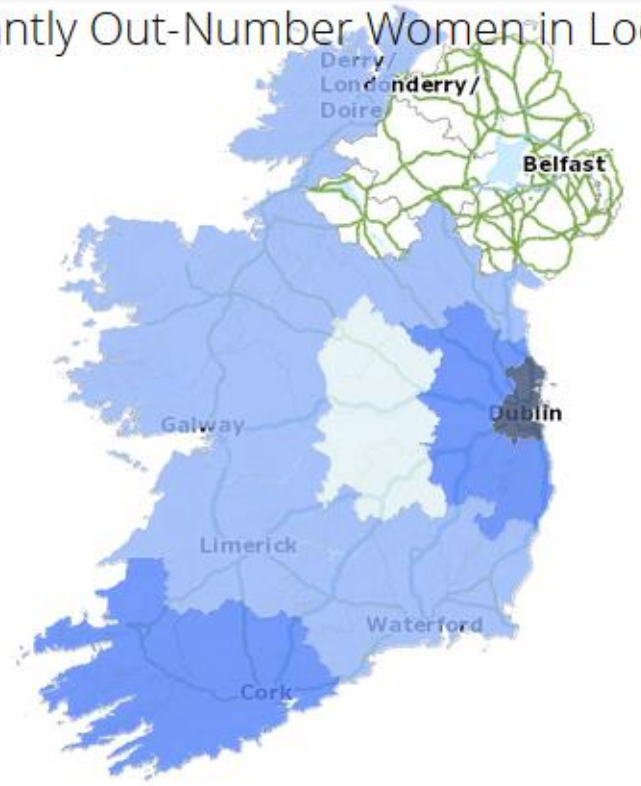
Female representation in politics in Ireland

Men Significantly Out-Number Women in Local Government

This map represents the proportion of Women in Local Government at NUTS 3 (2003) level in 2004.

- > 30
- 20 - 30
- 15 - 20
- 12 - 15
- < 12

% Women in Local Government, NUTS 3, 2004



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Women's Voice

A Story Map



Female representation in politics in Ireland

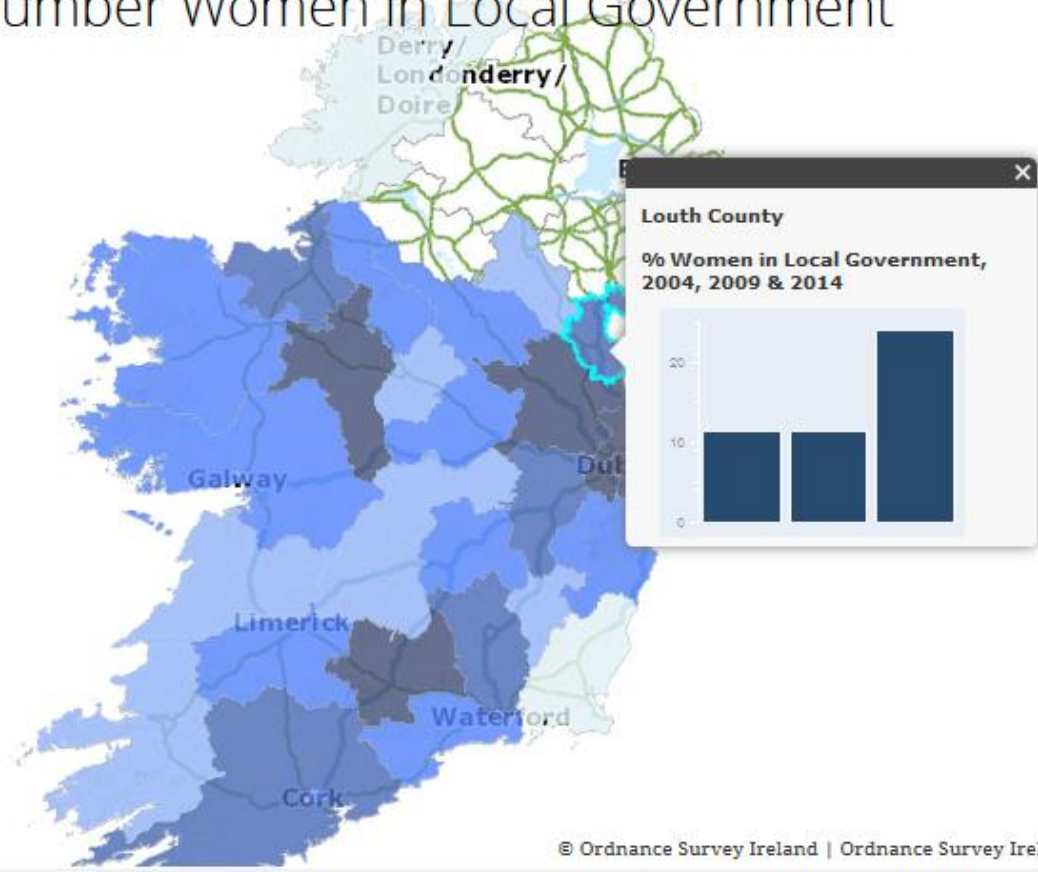
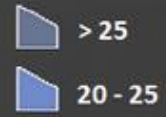
Men Significantly Out-Number Women in Local Government

This map represents the proportion of Women in Local Government at Administrative County level in 2014.

Only two local authorities had less than 10% by 2014.

For example, South Tipperary had just 3.8% of seats held by women in 2004 but this had risen to 27.3% by 2014 while the proportion rose from 6.3% to 10.7% in Clare over the same time period.

However, Donegal and Wexford, which both had more than 10% of seats held by women in 2004, dropped to below 10% in the 2014 elections.



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Women's economic empowerment



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Women's economic empowerment

A Story Map

The Global Perspective

Women constitute roughly half of the world's population and thus, potentially, half of its work force.

Globally, however, the **gender gap in labor force participation** is very large and has narrowed only marginally over the past 20 years, due to slightly larger decline in men's labor force participation rate than that of women, with both rates unevenly distributed across regions.



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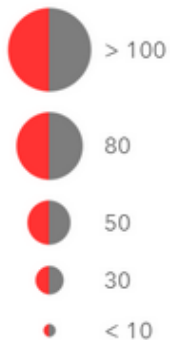
Women's economic empowerment

A Story Map

Gender gap in labour force participation

Labour force participation rate for persons aged 15+, by sex (2000)

Women Men



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Women's economic empowerment

A Story Map

Gender gap in labour force participation





Gender gap in labour force participation

Persistent gender-relevant constraints that may explain women's reduced freedom to participate in the labor market include:

- limited access to education; limited access to finance and ownership of assets;
- discriminatory social norms, attitudes and gender roles;
- higher age gaps at marriage; unavailability of parental leave;
- unequal share of unpaid domestic and care work within a household; lack of affordable childcare;
- lack of safe and reliable transportation; inadequate sanitation facilities; and/or
- legal barriers to work or conduct official transactions.



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Women's economic empowerment

A Story Map

Unemployment

Women who are available for and seeking work, on the other hand, tend to have a harder time finding a job than men.

The unemployment rate, which can be used as a proxy for labor market performance, is higher for women than for men in most countries.

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Women's economic empowerment

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Unemployment



SDG Indicator 8.5.2:
Unemployment rate for
population 15 years of age and
older, by sex

Women Men

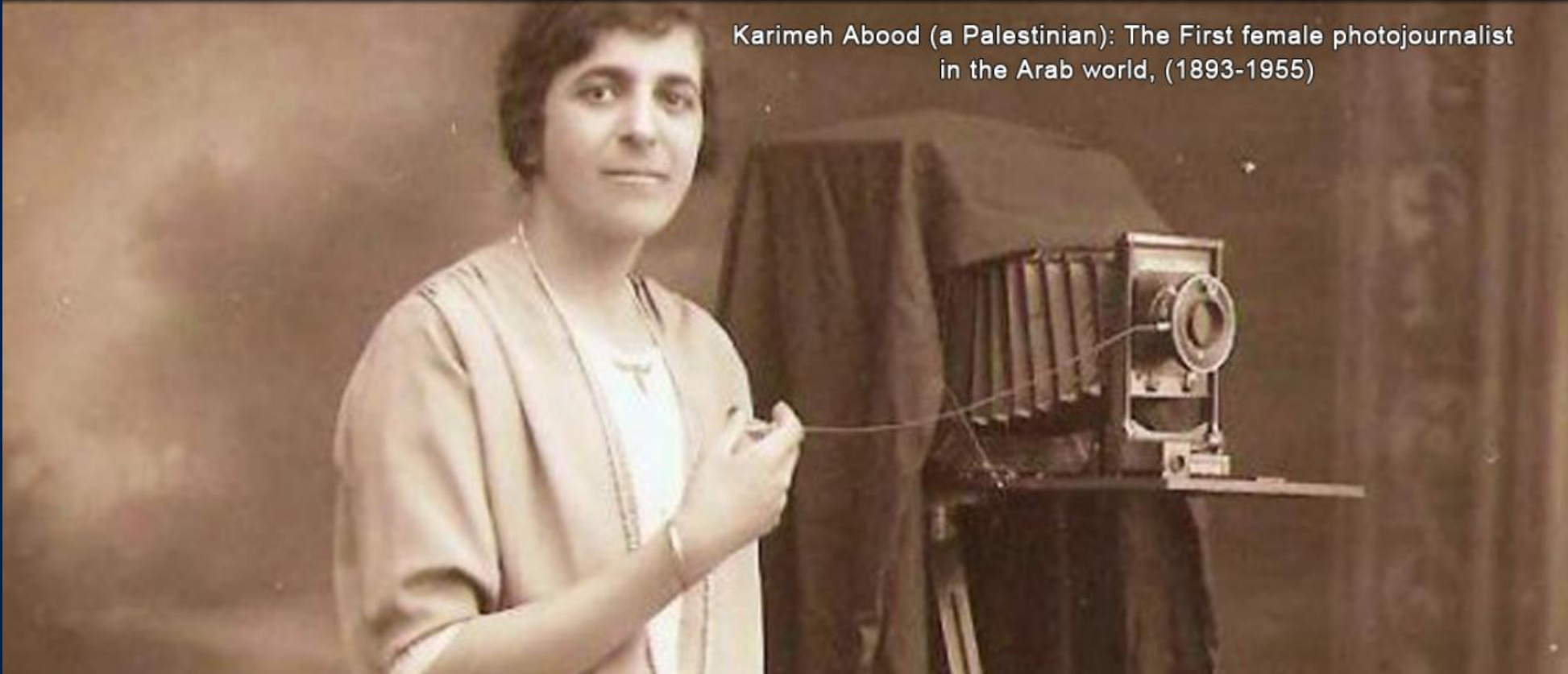
- > 40
- 30
- 20
- 10
- < 0
- Other



EMPOWERING WOMEN IN THE LABOUR MARKET ...

ON THE ROAD FOR GENDER EQUALITY IN PALESTINE





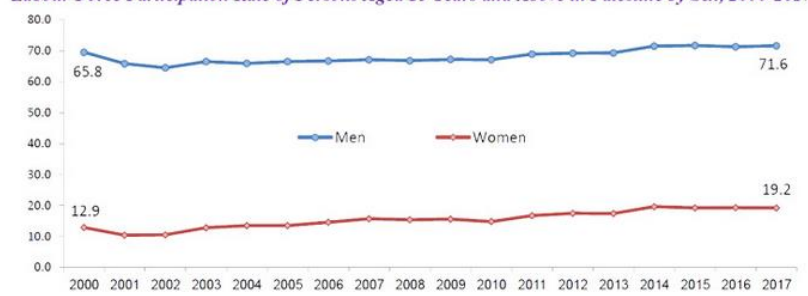
Karimeh Abood (a Palestinian): The First female photojournalist in the Arab world, (1893-1955)

Low Participation Rate for Women

Big Gap in the Participation Rate of Labor Force between Men and Women in Palestine

The participation rate increased significantly in Palestine during the period from 2000-2017 from 41.6% in 2000 to 45.7% in 2017, with obvious differences between the men and the women, Participation of men is four times higher than Participation of women.

Labour Force Participation Rate of Persons Aged 15 Years and Above in Palestine by Sex, 2000-2017



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EMPOWERING WOMEN IN THE LABOUR MARKET ...

A Story Map

One Third of Graduated Women are Outside Labour Force

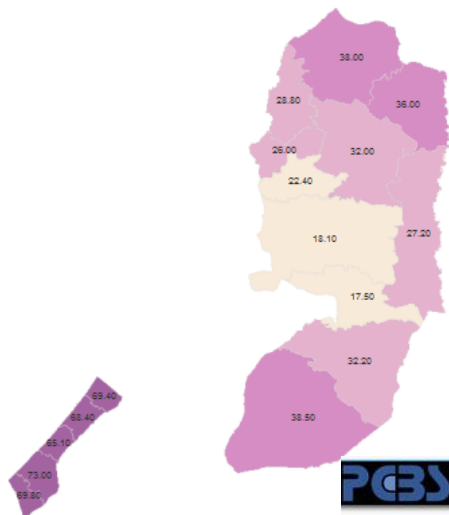
There are around **1.4 million** Palestinian women within the working age population; about **1.2 million**, which is about 81% of women, are outside the labour force, including:

- 49.4% under 30
- 56.2% married
- 63.1% outside the labour market due to house work
- 24.7% outside the labour market due to study/ training
- 91.5% have less than diploma
- 8.5% with diploma or more degree
- 43.9% have 10-12 years of schooling

Women Unemployment Rate

The unemployment rate for women is the highest in Khan Yunis governorate at 73.0%, followed by North Gaza 69.4%, where the lowest unemployment rate is for women in Jerusalem governorate at 17.5% followed by Ramallah and AlBireh governorate at 18.1%

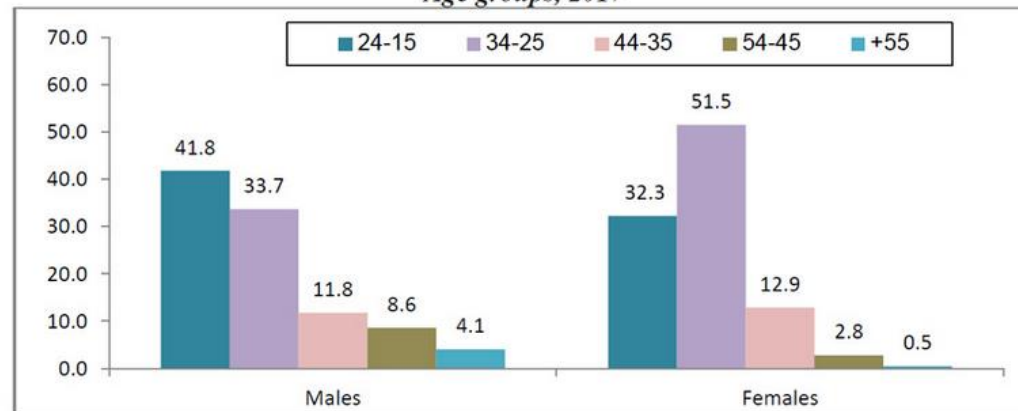
Unemployment Rate among Labour Force Participants Aged 15 Years and above by Governorate and Sex, 2017



Young Women Unemployment Rate

Youth have high unemployment rate, and young women suffer more than young men.

Percentage Distribution of Unemployed Individuals Aged 15 Years and Above in Palestine by Sex and Age groups, 2017



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EMPOWERING WOMEN IN THE LABOUR MARKET ...

A Story Map

Graduated Women Unemployment Rate

Graduates have high unemployment rates reached 56.3% but it is especially higher for women reaching 72.4%. In addition, there is a gap between the West Bank and Gaza Strip.

The highest unemployment rates among graduated women 15 years and above:

- Mass media and information was 71.7%
- Computer Science was 63.6%
- Business and Administration 59.3%
- Education Science and Teacher Rehabilitation was 58.6%

The lowest unemployment rates among graduated women 15 years and above:

- Law was 28.0%
- Health was 37.6%
- Personal services was 40.8%



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 INSTITUTO NACIONAL
DE ESTADÍSTICA Y GEOGRAFÍA



Breaking the poverty
chains and bringing out
untapped potential

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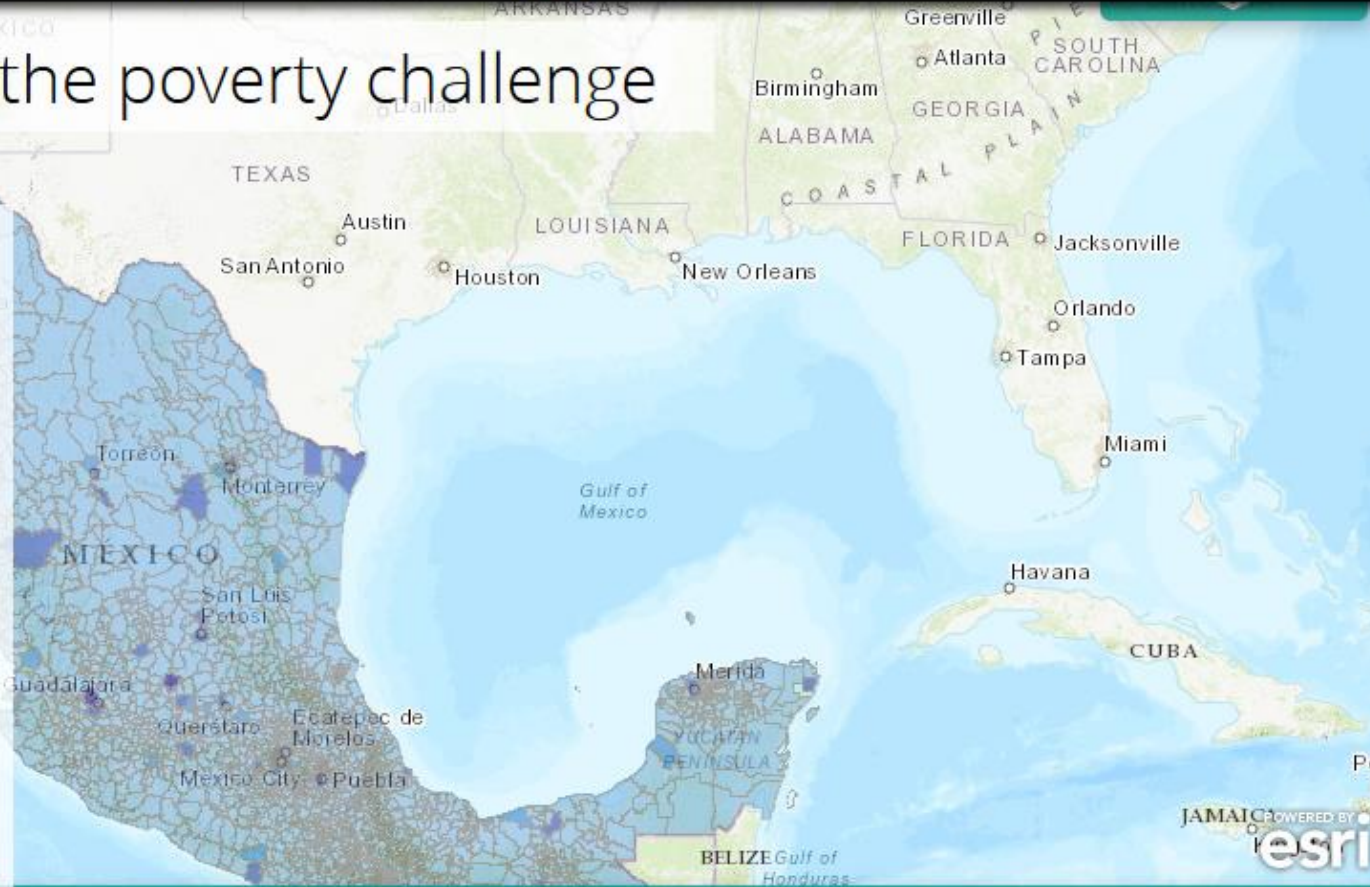
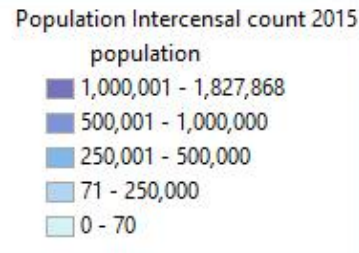


Breaking the poverty chains and bringing out untapped ...

Introduction

Characterizing the poverty challenge

In many countries, rural women are the face of poverty.



Region	SUM: Men	SUM: Women
Central America	245	57,975,568
South America		61,391,501

Gender Story Map

- Introduction
- Women's Voice
- Women's safety and human rights
- Women's economic empowerment



Breaking the poverty chains and bringing out untapped ...

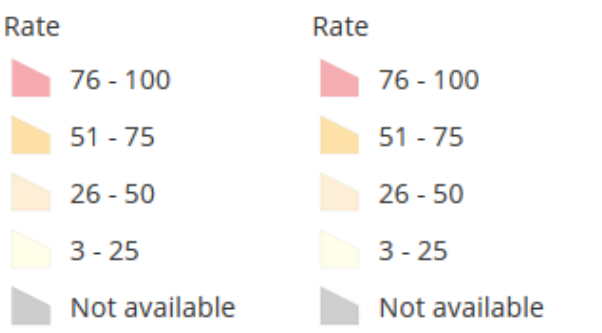
Introduction

Poverty varies significantly among regions

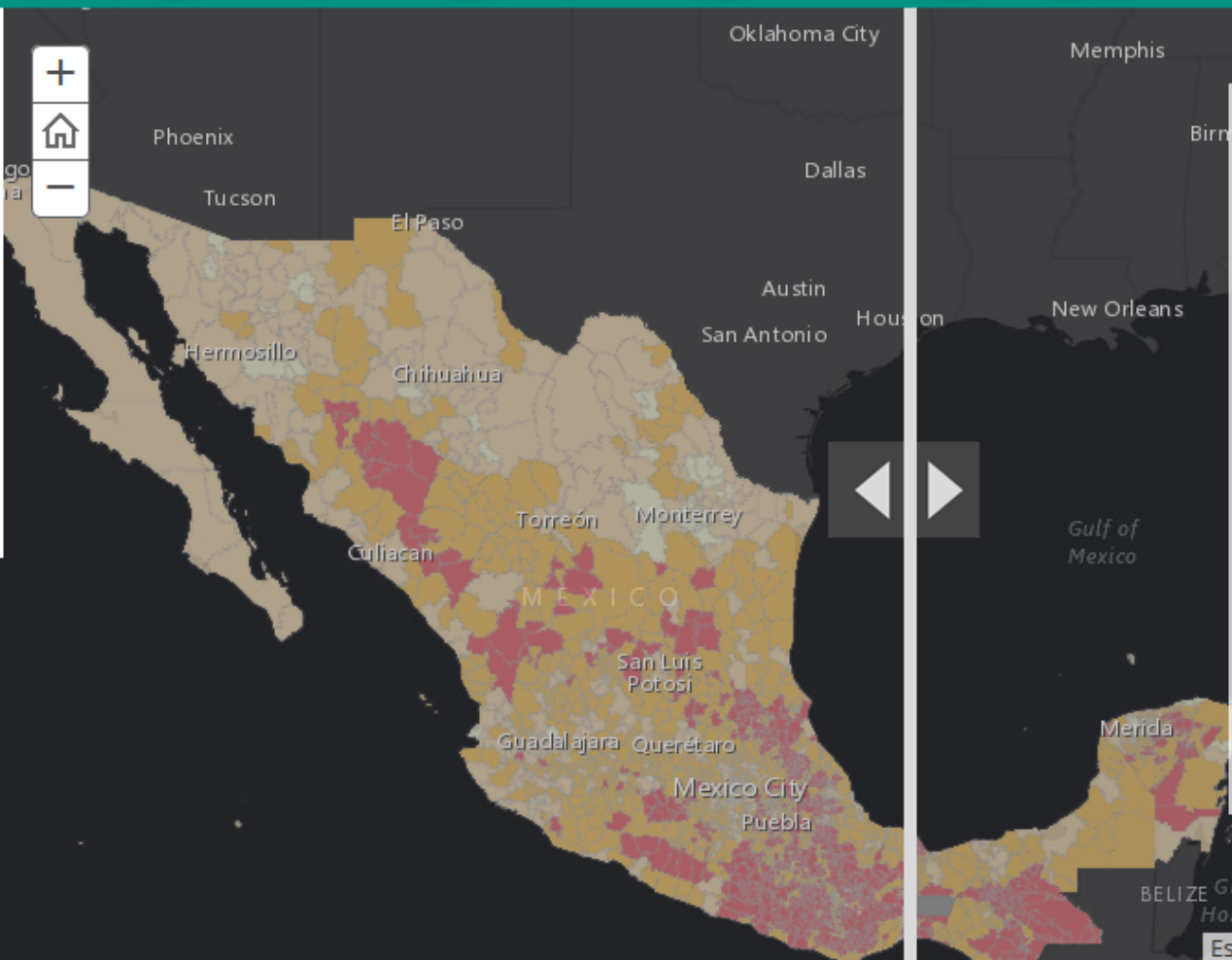
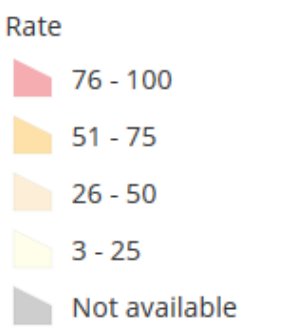
National Council for the Evaluation of Social Development (CONEVAL).



Percentage of population living in poverty by municipality (%) 2010



Percentage of population living in poverty by municipality (%) 2015



Having disaggregated data enables the Social Ministry to implement focused policies such as the fund to support rural women and their micro enterprises as a means to empower them economically.

Plataforma Preventiva

Tapping the labor force potential

The gender gap in employment: What's holding women back?

Around the world, finding a job is much tougher for women than it is for men. When women are employed, they tend to work in low-quality jobs in vulnerable conditions, and there is little improvement forecast in the near future.

Explore this InfoStory to get the data behind the trends and learn more about the different barriers holding women back from decent work.

Traditional gender roles may define specific access and performance for women and men in the labor market.



Gender Story Map

Introduction

Women's Voice

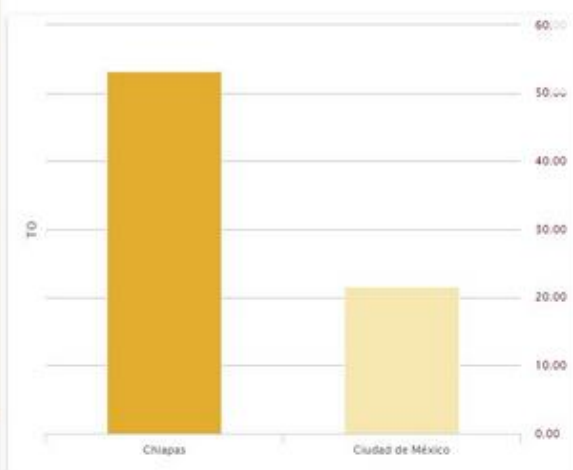
Women's safety and human rights

Women's economic empowerment

Breaking the poverty chains and bringing out untapped ...



Entidad	Mujeres	Hombres	Brecha
Nacional	41.24	74.71	33.47
Aguascalientes	41.62	73.01	31.38
Baja California	46.56	75.31	28.76
Baja California Sur	49.90	77.82	27.91
Campeche	41.14	77.18	36.04
Coahuila de Zaragoza	42.28	75.07	32.80
Colima	52.55	76.95	24.40
Chiapas	28.40	81.60	53.20
Chihuahua	43.44	74.57	31.13
Ciudad de México	48.66	70.25	21.59
Durango	40.30	75.48	35.18
Guanajuato	41.74	75.66	33.92
Guerrero	39.32	68.35	29.02
Hidalgo	38.05	77.13	39.09
Jalisco	44.52	75.81	31.29
México	39.98	73.32	33.34
Michoacán de Ocampo	40.83	78.22	37.39
Morelos	41.13	73.04	31.91
Nayarit	49.43	79.15	29.72
Nuevo León	42.02	73.98	31.96
Oaxaca	39.45	73.80	34.35
Puebla	40.84	78.53	37.69
Querétaro	39.07	71.34	32.27
Quintana Roo	47.81	80.75	32.94
San Luis Potosí	38.24	74.80	36.56
Sinaloa	47.15	76.82	29.67
Sonora	47.39	75.24	27.85
Tabasco	33.62	70.59	36.97
Tamaulipas	42.48	74.62	32.13
Tlaxcala	43.26	75.28	32.03
Veracruz de Ignacio de la Llave	32.30	73.04	40.74
Yucatán	48.62	77.80	29.18
Zacatecas	35.13	71.66	36.53



In Chiapas for example, the gender gap labor force participation is around 50%, while in States like Baja California Sur, Colima and Quintana Roo, the gap is less than 30%.

Gender Story Map

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Breaking the poverty chains and bringing out untapped ...

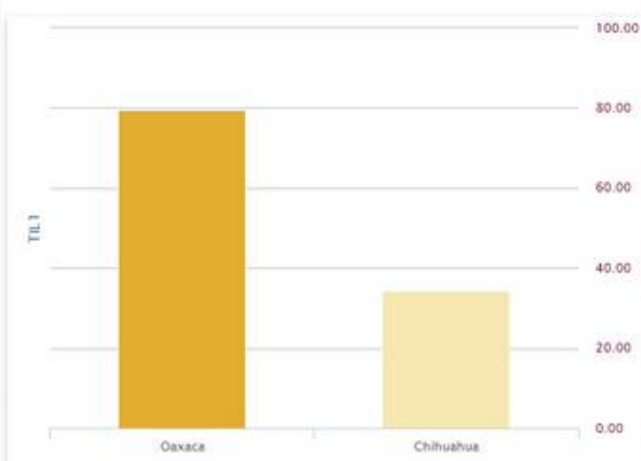
Introduction



Poverty and informality are geographically correlated

Tasa de Informalidad Laboral (TIL) población de 15 años y más, 2018. Primer trimestre

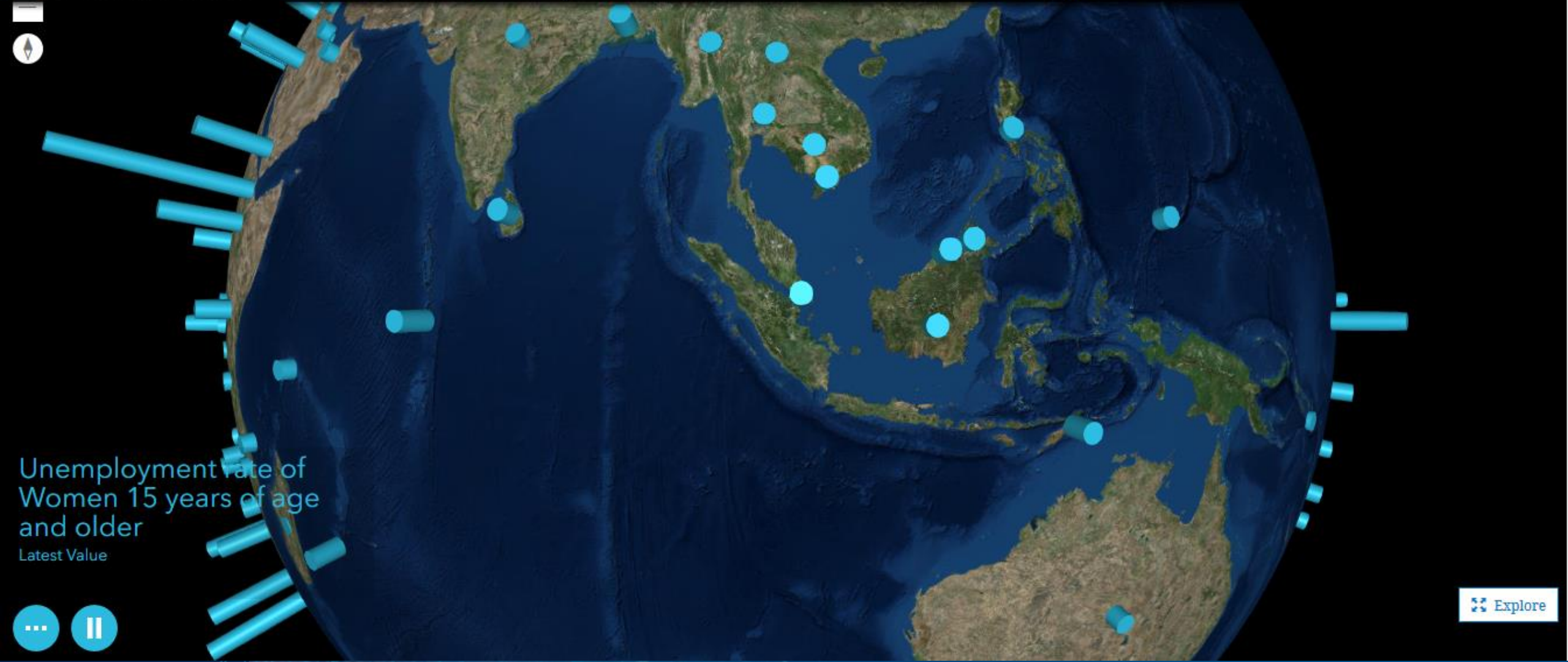
Entidad	Mujeres	Hombres	Diferencia
Aguascalientes	44.03	43.40	0.63
Baja California	38.05	41.35	3.30
Baja California Sur	46.38	38.24	8.14
Campeche	62.37	61.84	0.53
Cochula de Zaragoza	40.24	33.64	6.60
Colima	56.99	46.08	10.91
Chiapas	75.80	81.54	5.74
Chihuahua	34.35	36.15	1.80
Ciudad de México	49.12	47.14	1.98
Durango	52.70	54.49	1.79
Guanajuato	56.87	54.22	2.65
Guerrero	75.71	78.10	2.39
Hidalgo	74.93	75.31	0.37
Jalisco	51.09	49.06	2.03
México	58.39	56.49	1.90
Michoacán de Ocampo	70.79	71.22	0.43
Morelos	63.85	66.28	2.42
Nayarit	63.64	64.14	0.49
Nuevo León	39.55	32.87	6.68
Oaxaca	79.59	81.60	2.01
Puebla	73.16	71.36	1.80
Querétaro	47.25	43.18	4.07
Quintana Roo	47.17	45.90	1.27
San Luis Potosí	52.78	56.29	3.51
Sinaloa	51.50	50.55	0.95
Sonora	49.18	41.17	8.01
Tabasco	65.19	65.00	0.20
Tamaulipas	47.81	44.33	3.48
Tlaxcala	73.78	70.02	3.76
Veracruz de Ignacio de la Llave	67.44	69.00	1.56



Gender Story Map

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Breaking the poverty chains and bringing out untapped ...



Unemployment rate of Women 15 years of age and older
Latest Value

 Explore

Gender Story Map

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Early Marriage in Palestine



Early Marriage in Palestine

Location

In Urban areas 11.6% of the women in the age 20-24 were married before age 18, 8.0% in the rural areas, and 8.9% in refugee camps in 2017.



Early Marriage in Palestine

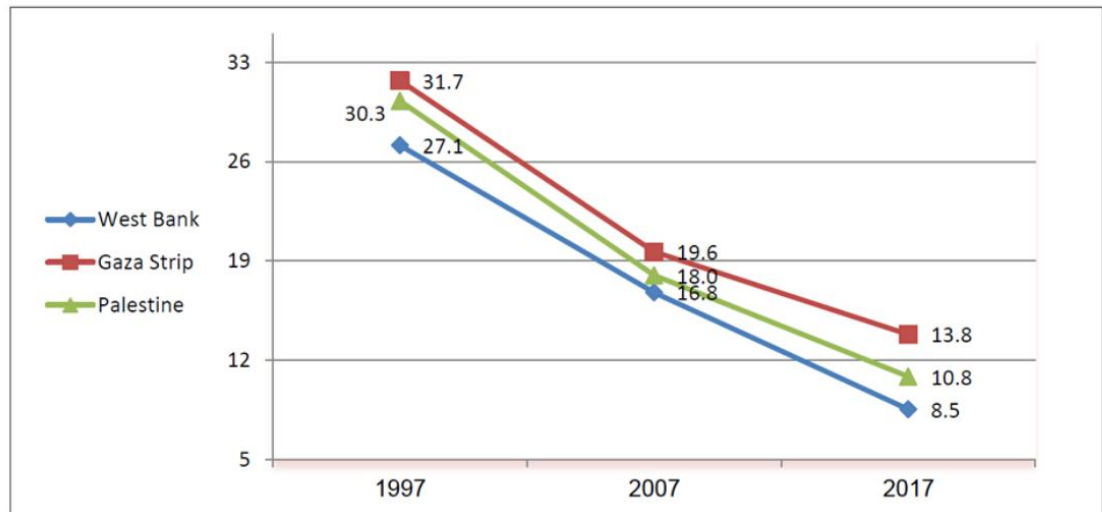
Number of Live Births for the women in the age 20-24 who were married before age 18:

According to the population housing and establishments census 2017, the result showed 54,130 births in Palestine (42.8% of them in the West Bank and 57.2% in Gaza strip) were born to those women, in average 2.3 per women, which is high for this age group.



Early Marriage in Palestine

Early Marriage is Decreasing



Gender Story Map

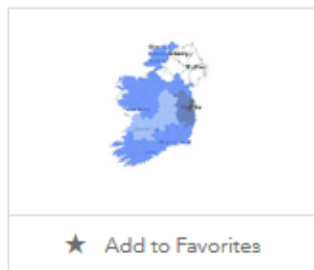
[Introduction](#)[Women's Voice](#)[Women's safety and human rights](#)[Women's economic empowerment](#)[Home](#) [Gallery](#) [Map](#) [Scene](#) [Groups](#) [Content](#) [Organization](#)

3

Linda ▾



Proportion of Seats Held by Women, 2014

[Overview](#)

This map represents Sustainable Development Goal indicator 5.5.1 'Proportion of Seats Held by Women in Local Government' for Ireland, 2014 at NUTS 3 level. Source: Department of Housing, Planning and Local Government, OSi, CSO.

Web Map by [sdgireland_curator](#)

Created: Oct 18, 2018 Updated: Nov 3, 2018 View Count: 274

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Description

This map represents Sustainable Development Goal indicator 5.5.1 'Proportion of Seats Held by Women in Local Government' for Ireland. The layer was created using data from the Department of Housing, Planning and Local Government and NUTS 3 boundary data produced by Ordnance Survey Ireland (OSi).

Note that the NUTS 3 boundary refers to the former Regional Authorities established under the NUTS Regulation (Regulation (EU) 1059/2003). These boundaries were subsequently revised in 2016 through Commission Regulation (EU) 2016/2066 amending annexes to Regulation 1059/2003 ([more info](#)).

In 2015 UN countries adopted a set of 17 goals to end poverty, protect the planet and ensure prosperity for all as part of a new [sustainable development agenda](#). Each goal has specific targets to help achieve the goals set out in the agenda by 2030. Governments are committed to establishing national frameworks for the achievement of the 17 Goals and to review progress using accessible quality data. With these goals in mind the Central Statistics Office (CSO) and OSi are working together to link geography and statistics to produce indicators that help communicate and monitor Ireland's performance in relation to achieving the 17 sustainable development goals.

[Open in Map Viewer](#)[Open in ArcGIS Desktop](#)[Create Web App ▾](#)[Share](#)

Details

Size: 4 KB



Owner



[sdgireland_curator](#)

Tags

Gallery / Lessons

Monitor Malaria Epidemics

Calculate Sustainable Development Goal #3.3.3: Malaria Incidence per 1,000 People. ⌚ 1 hour 40 minutes

View final result

Start lesson

Overview

Lessons

You are a member of the Ministry of Public Health for the Democratic Republic of the Congo assigned to monitor progress on eradicating malaria and reporting on the United Nations Sustainable Development Goal (SDG) #3 Good Health and Well-Being. To gather intelligence on where prevention and aid are most needed, and to calculate the incidence rate per 1,000 for SDG reporting, you'll use Esri's Living Atlas layers and the Malaria Atlas Project's incidence reports to map the spatial and temporal distribution from 2000-2015.

Builds skills in

Data Collection & Management | Mapping & Visualization | Spatial Analytics

Focus industry

Health & Human Services

Lesson plan

Extract boundary data	Extract select features from global datasets.	20 minutes
Add population estimate data	Calculate population estimates within geographic units using Living Atlas data.	15 minutes
Add malaria data	Update spreadsheets and perform joins.	20 minutes
Calculate malaria incidence rates	Calculate the incidence rates of malaria.	25 minutes
Style and share a web map	Share the final map as a PDF and web map, and export data as an Excel file.	20 minutes

Requirements

ArcGIS Pro (get a [free trial](#))

Publisher or Administrator role in an ArcGIS organization or ArcGIS Enterprise

Spreadsheet editing software

Acknowledgements

Thanks to the Malaria Atlas Project (MAP) for their [data](#).



Vision

GIS

Is Enabling a
Sustainable World
And
Empowering Change
For Women



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THE
SCIENCE
OF
WHERE