



An Phríomh-Oifig Staidrimh
Central Statistics Office

UNSD/Esri Research Exercise

Irish update

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Irish Central Statistics Office



UNSD/Esri Research Exercise

The Irish Central Statistics Office (CSO), in partnership with Ordnance Survey Ireland (OSi) and Esri Ireland, are currently participating in the UNSD/Esri Research Exercise.

This exercise commenced in May 2017 with a goal to develop and deploy a new approach for monitoring the UN SDGs using geographic information systems – “geospatial potential of statistical data.”





Role of the CSO

The CSO has a central role in the:

- identification
- management, and
- presentation

of the data needed to meet the requirements of the SDG Indicators.

In this responsibility, the CSO will deploy, as far as possible, the Genetic Statistical Business Process Model (GSBPM), which has 8 phases and 34 sub-phases.



Generic Statistical Business Process Model





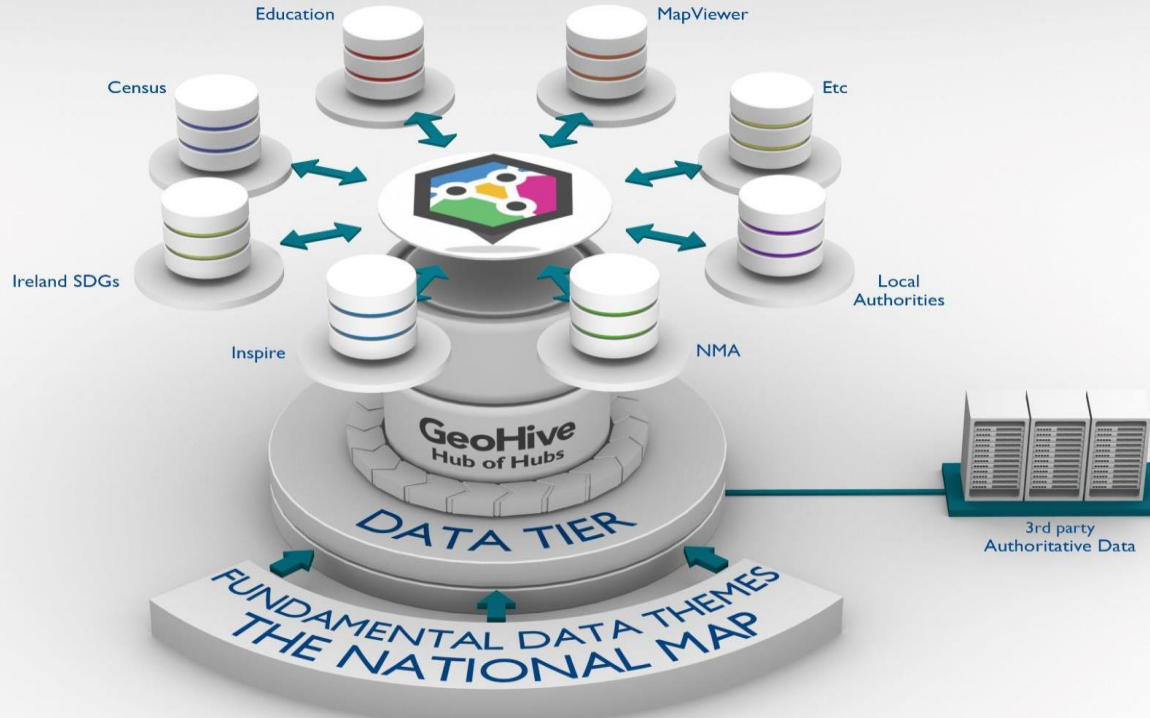
Tasks completed by Project Team

Sourced information for over **50+ indicators** (mostly Tier 1) and created **90+ datasets** at NUTS 3, county and census local area geography.

Developed Ireland's **SDG platform**, hosted on OSi's web portal, known as GeoHive, where interested parties can openly access, visualise and download data and related APIs. <http://irelandsdg.geohive.ie/>



GeoHive Platform





Ireland's SDG portal

Ireland's SDG portal was officially launched at the European Forum for Geography and Statistics (EFGS) Conference on 2nd November 2017.

Site was well received across:

- Government,
- Public Sector, and
- Civil Society.

The information contained on this portal will inform Ireland's progress against each Goal.

The Department of Communications, Climate Action and Environment (DCCAE) has responsibility for officially reporting on Ireland's progress towards meeting national SDG targets.



Ireland's SDG portal



Ireland, Sustainable Development Goals

Sign In

A wide-angle photograph of the Neolithic passage tomb at Newgrange, Ireland. The structure is built from white limestone and is partially covered in green grass. Several people are visible in the foreground, some sitting on a wooden fence and others standing. The sky is overcast.

17 Goals to Transform our World

Governments, businesses and civil society together with the United Nations (UN) have started to mobilise efforts to achieve the Sustainable Development Agenda by 2030. Universal, inclusive and indivisible, the Agenda calls for action by all countries to improve the lives of people everywhere.

This is Ireland's public platform for exploring, downloading and combining publicly available data relating to UN Sustainable Development Goals. Ireland's progress against each Goal is measured using a set of globally agreed Indicators and here you can search for, discover and visualise the data we use to create those Indicators.

This platform was developed as part of a partnership between Ordnance Survey Ireland, the Central Statistics Office and Esri Ireland.



Ireland's SDG portal



Ireland, Sustainable Development Goals

[Sign In](#)



An Phríomh-Oifig Staidrimh
Central Statistics Office

Explore the Sustainable Development Goals via Story Maps

Click any Story Map below to access an interactive narrative on a Sustainable Development Goal for Ireland.



Explore our data for Sustainable Development Goals

Click on an icon below to access spatial indicators relating to a particular Goal.



Story Maps

Story maps are in development around Goals 1-2 and 6-8.

Each story map will:

- open with policy commentary provided by the relevant Department, Agency or Office, and
- contain supporting information and relevant interactive maps.

Story Maps





The Changing Patterns of Unemployment and Poverty in Ireland, 2011-2017

This Story Map illustrates changes in Ireland in relation to unemployment and poverty throughout the last decade. The Story Map has been developed to support efforts in reporting Ireland's status in relation to achieving United Nations (UN) Sustainable Development Goals.

A photograph of a busy, pedestrian-friendly street in Ireland. The street is paved with cobblestones and lined with colorful buildings. Numerous people are walking along the street, some carrying shopping bags. Blue and white bunting is strung across the street, creating a festive atmosphere. Various shops and signs are visible, including 'The Factory Shop', 'SWEATERS', 'CHOICE', and 'Ladbrokes'. A sign for 'Murphy's Bar' is also visible on the right. The overall scene depicts a lively, community-oriented urban environment.

Story Maps

The Changing Patterns of Unemployment and Poverty in Ireland, 2011-2017

Census 2016 Unemployment Rate

In order to get an understanding of unemployment at a local scale, we have mapped unemployment rates at Electoral Division level (3409 Electoral Divisions) using Census 2016 Principal Economic Status (PES) data. While the QNHS reports all regions in Ireland as having an unemployment rate below 10% the PES data shows, in general, a higher unemployment level.



Number of Electoral Divisions with a 10% or Less Unemployment Rate:

Census 2016
1559
 Census 2011
442

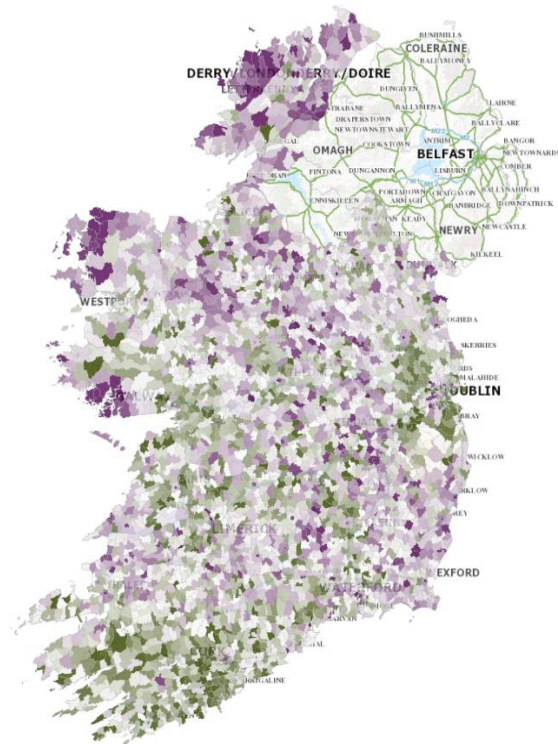
Click the green button below to view 2011 Unemployment Rates across Ireland

[Unemployment Rate, Census 2011](#)

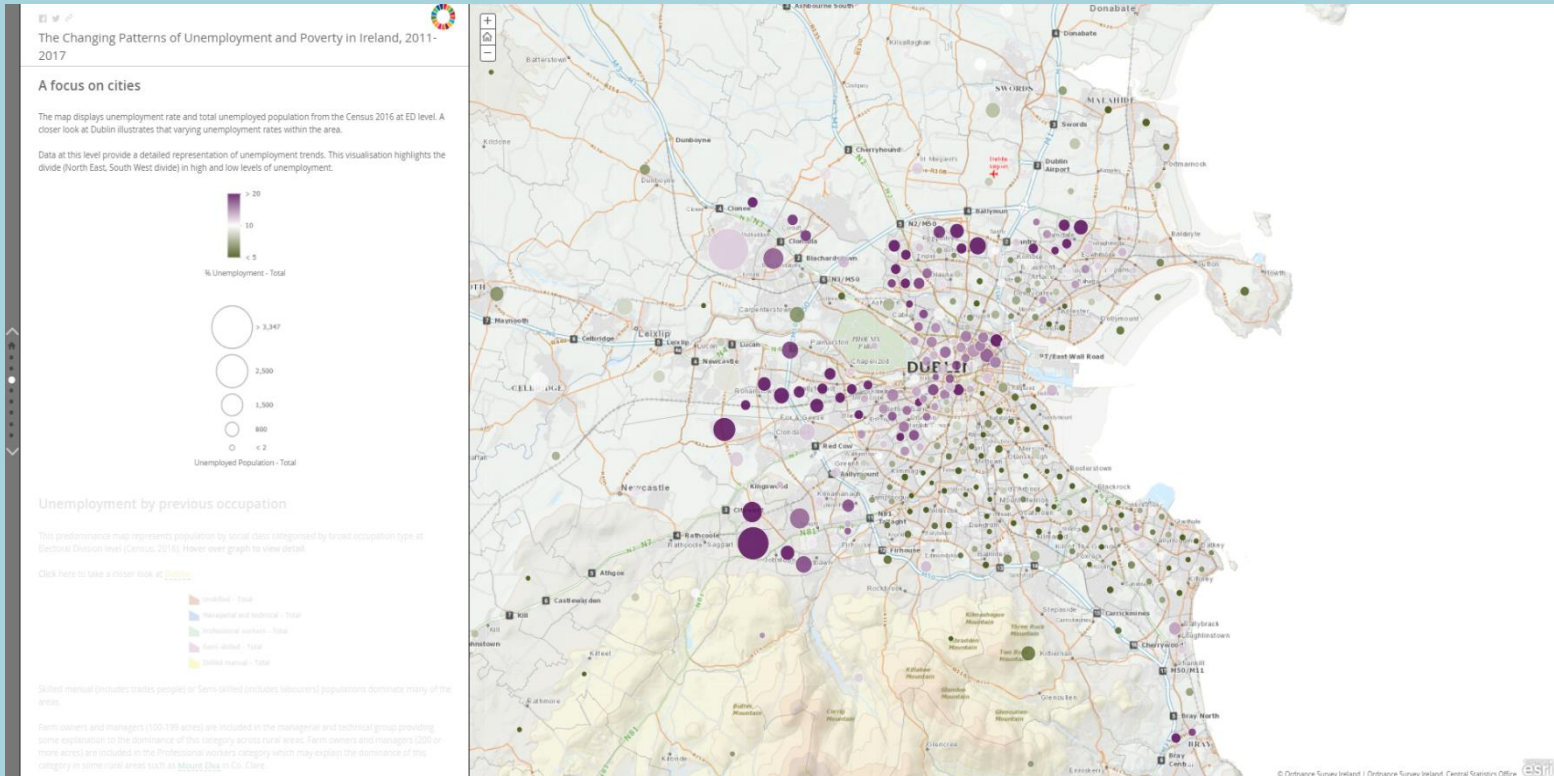
The national map displays Census 2016 unemployment rates. High unemployment rates are concentrated in Donegal, the West, Midlands and South-East. The lower rates dominate the Dublin region and areas surrounding the five main cities (Cork, Galway, Dublin, Limerick & Waterford) reflecting the Urban-Rural divide in feeling the benefits of the recovery.

Zoom in to view detail on an area of interest.

A focus on cities



Story Maps





Ireland's SDG portal



Ireland, Sustainable Development Goals

Sign In

Explore our data for Sustainable Development Goals

Click on an icon below to access spatial indicators relating to a particular Goal.



1. No Poverty



2. Zero Hunger



3. Good Health & Wellbeing



4. Quality Education



5. Gender Equality



6. Clean Water and Sanitation



7. Affordable and Clean Energy



8. Decent Work & Economic Growth



9. Industry Innovation & Infrastructure



10. Reduced Inequalities



11. Sustainable Cities and Communities



12. Responsible Consumption and Production



13. Climate Action



14. Life Below Water



15. Life on Land



16. Peace, Justice & Strong Institutions




17. Partnerships for the Goals



Boundary Data



Ireland's SDG portal



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Filter By

Tags

- Sustainable Development Goal 3 (19)
- Nuts3 Goal 3 (12)
- Administrative County Goal 3 (7)

Source

- Sustainable Development Goals, Ireland (19)

Content Type

- spatial dataset (19)

1 - 10 of 19 results

Relevance

SDG 3.2.2, Neonatal Mortality Rates by Early Neonatal Mortality and Late Neonatal Mortality, Administrative County, 2014, Ireland, CSO & OSI
Shared by sdgireland_curator

This feature layer represents Sustainable Development Goal indicator 3.2.2 'Neonatal Mortality Rates as Early Neonatal Mortality Rate and Late Neonatal Mortality Rate' for Ireland. Attributes include mortality rate by neonatal period, early (0-6 days) or late (7-27 days). The layer was created using data produced by the Central Statistics

No license specified 11/7/2017 Spatial Dataset 34 Rows

SDG 3.6.1, Death Rate due to Road Traffic Accidents, NUTSIII, 2013, Ireland, RSA, CSO & OSI
Shared by sdgireland_curator

This feature layer represents Sustainable Development Goal indicator 3.6.1 'Death Rate due to Road Traffic Accidents as Percentage of the Population' for Ireland. The layer was created using data produced by the Road Safety Authority (RSA) as part of the Road Casualties and Collisions in Ireland Report 2013 and NUTSIII boundary

No license specified 9/26/2017 Spatial Dataset 8 Rows

SDG 3.4.2, Suicide Mortality Rate per 1000 Population by Area of Residence, NUTSIII, 2014, Ireland, CSO & OSI
Shared by sdgireland_curator



Ireland's SDG portal

Ireland, Sustainable Development Goals

Find My Data Sign In

Overview Data API Explorer

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SDG 3.6.1, Death Rate due to Road Traffic Accidents, NUTSIII, 2013, Ireland, RSA, CSO & OSI

☆ Favorite

No license specified 9/26/2017 Spatial Dataset 6 Rows

This feature layer represents Sustainable Development Goal indicator 3.6.1 'Death Rate due to Road Traffic Accidents as Percentage of the Population' for Ireland. The layer was created using data produced by the Road Safety Authority (RSA) as part of the Road Casualties and Collisions in Ireland Report 2013 and NUTSIII boundary data produced by Ordnance Survey Ireland.

[More](#)

Attributes

Chart Map Visualization

% Road Deaths Number	GEOGDESC Text	GEOGID Text	GUID Text	NUTS1 Text	NUTS1NAME Text	NUTS2 Text	NUTS2NAME Text	NUTS3 Text
NUTS3NAME Text	Shape_Area Number	Shape_Length Number	SHOW MORE 1 attribute					

Related Data

About

SDG 3

Count of NUTS3

NUTS3	Count
IE041	1.0
IE042	1.0
IE051	1.0
IE052	1.0
IE053	1.0



Governance

Established a OSi/CSO/Esri Ireland **data governance team** which holds weekly meetings.

In addition, the CSO established a national UN SDG Indicators Data Governance Board (UNSDGDGB) consisting of various stakeholders from Government Departments and Agencies, which meets on a quarterly basis.

The UNSDGDGB has responsibility for:

- metadata,
- business glossaries,
- lifecycle management, and
- data quality.



Governance, ctd.

There is also a UN SDG Civil Service Senior Officials Group, chaired by the DCCA, which both the CSO and OSi are members.

- This group is charged with developing the official reports on Ireland progress toward the SDG Goals.
- Subsets of this group have official responsibility for the policy aspects of individual Goals.
- All the story maps on the Ireland's SDG portal are presented to this group for feedback prior to release, most especially if there is a policy aspect to a narrative.



Additional Information

The SDG team has also built an open data website, in August 2017, to complement the release of Irish Census 2016 data. <http://census2016.geohive.ie/>

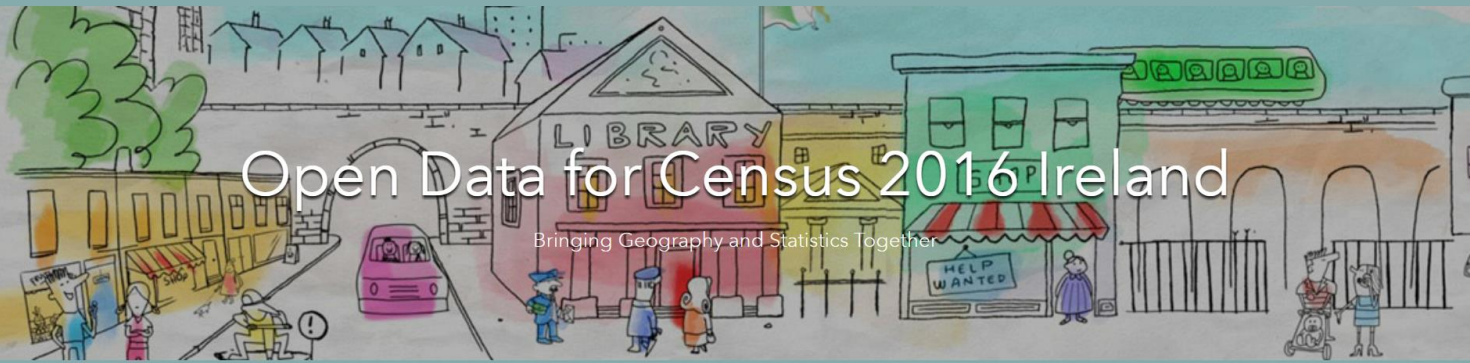
This website was completed within three weeks of the release of the Census data.

Its was built as an exemplar of the SDG portal, to inform stakeholder of the features and functionally of these types of websites.



Census open data site

Census 2016 Open Data Site Sign In

A colorful cartoon illustration of a town street scene. In the center is a red building labeled 'LIBRARY'. To its right is a green building with a red and white striped awning and a sign that says 'HELP WANTED'. A pink car is driving on the road. There are various people, including a person pushing a stroller, and a bus in the background. The scene is set against a backdrop of houses and trees.

Open Data for Census 2016 Ireland

Bringing Geography and Statistics Together

On this site Census 2016 datasets have been combined with Ordnance Survey Ireland's (OSi) official boundary data as part of a collaborative project between the Central Statistics Office (CSO) and OSi to link geography and statistics.

















Census open data site

Census 2016 Open Data Site Sign In

Explore Data via Census Themes

Click to access statistics in any of the 15 Census themes provided below.

We have used official Alias Names for the Census 2016 Variables presented on this site.
Download the [Census 2016 Glossary](#) as a cross reference between the variable field names and descriptive alias names.

 1. Sex, Age & Marital Status	 2. Migration, Ethnicity & Religion	 3. Irish Language	 4. Families
 5. Private Households	 6. Housing	 7. Communal Establishments	 8. Principal Status
 9. Social Class & Socio-Economic Group	 10. Education	 11. Commuting	 12. Disability, Carers & General Health



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Thank you