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.

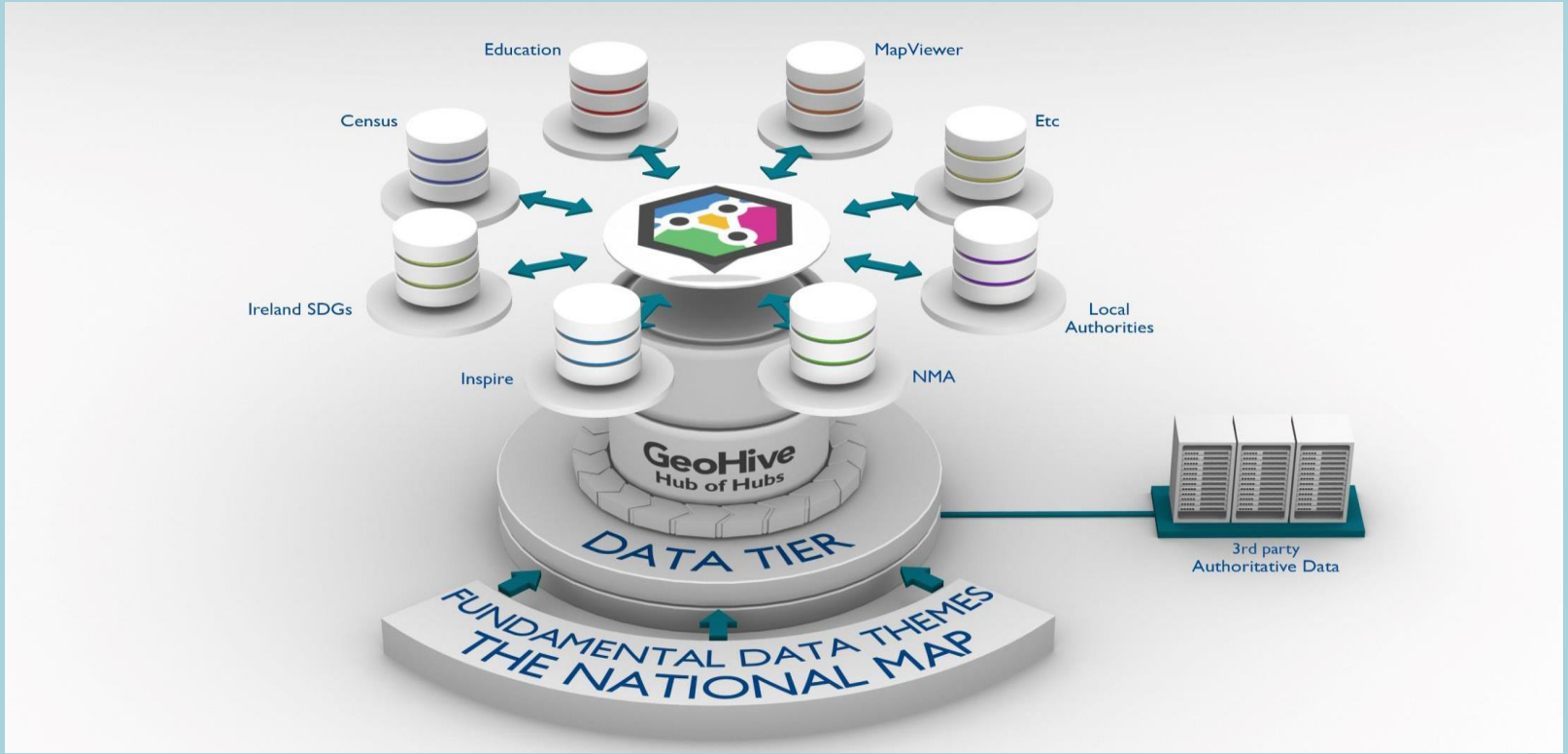
Generic Statistical Business Process Model

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:

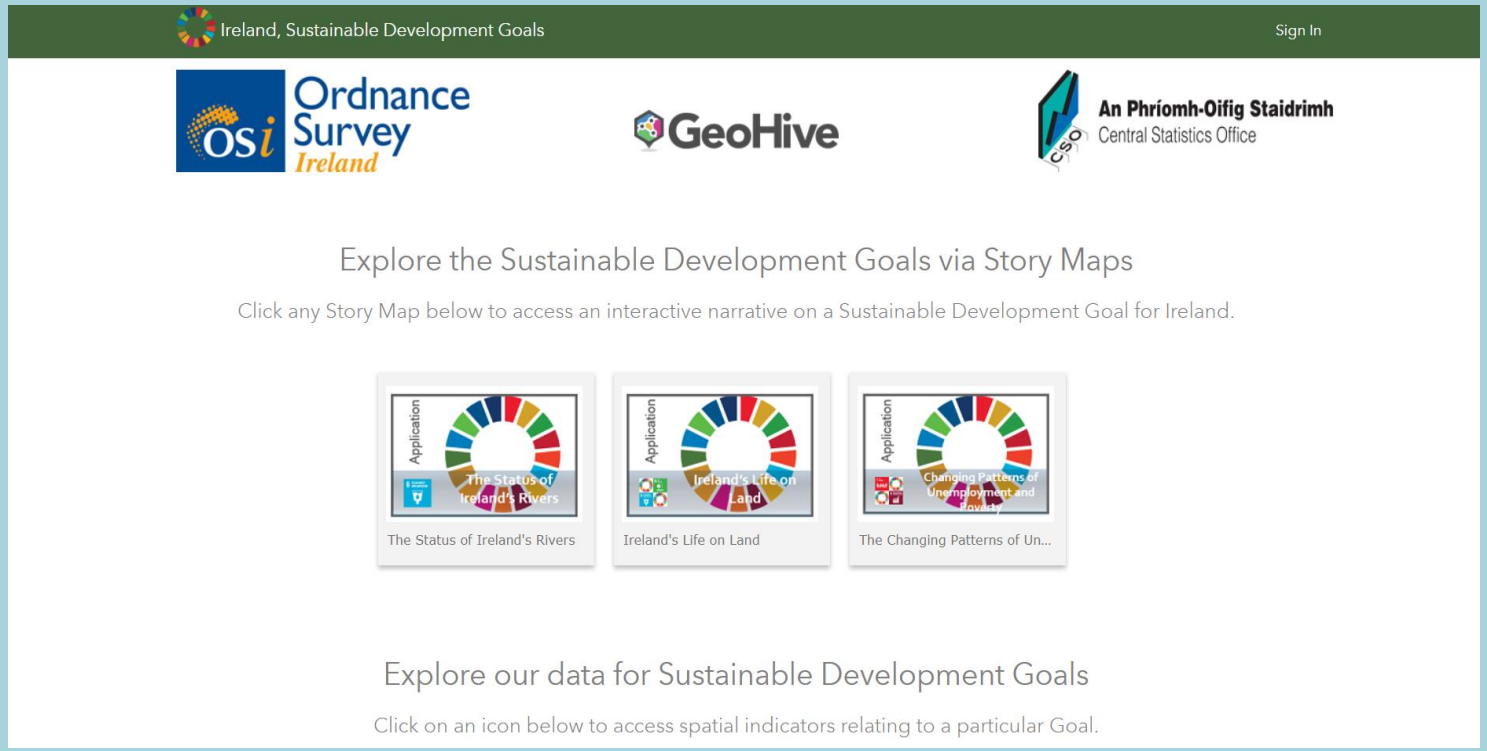
- Government,
- Public Sector, and
- Civil Society.

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's SDG portal



Story Maps

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

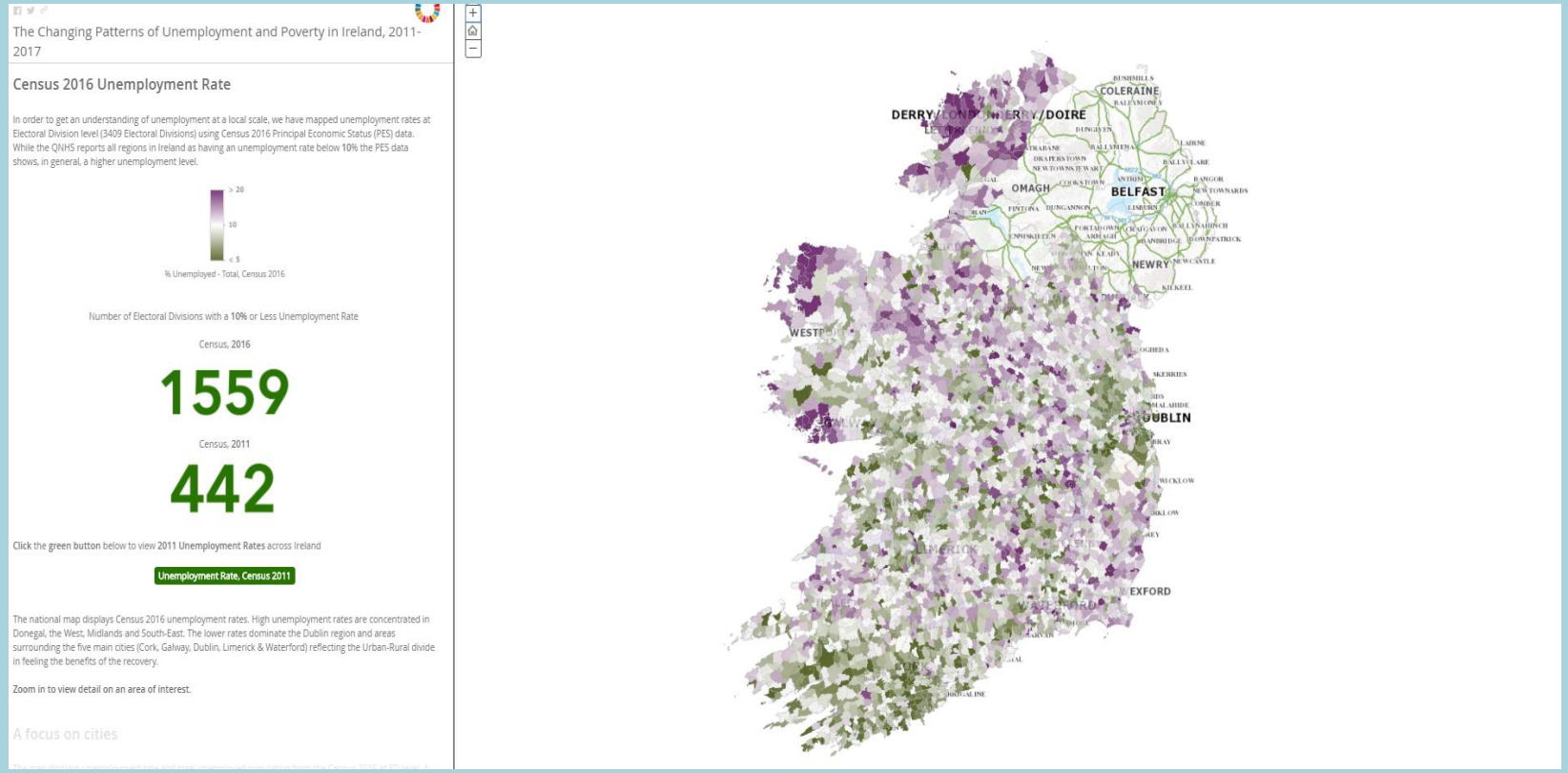
Each story map will:

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

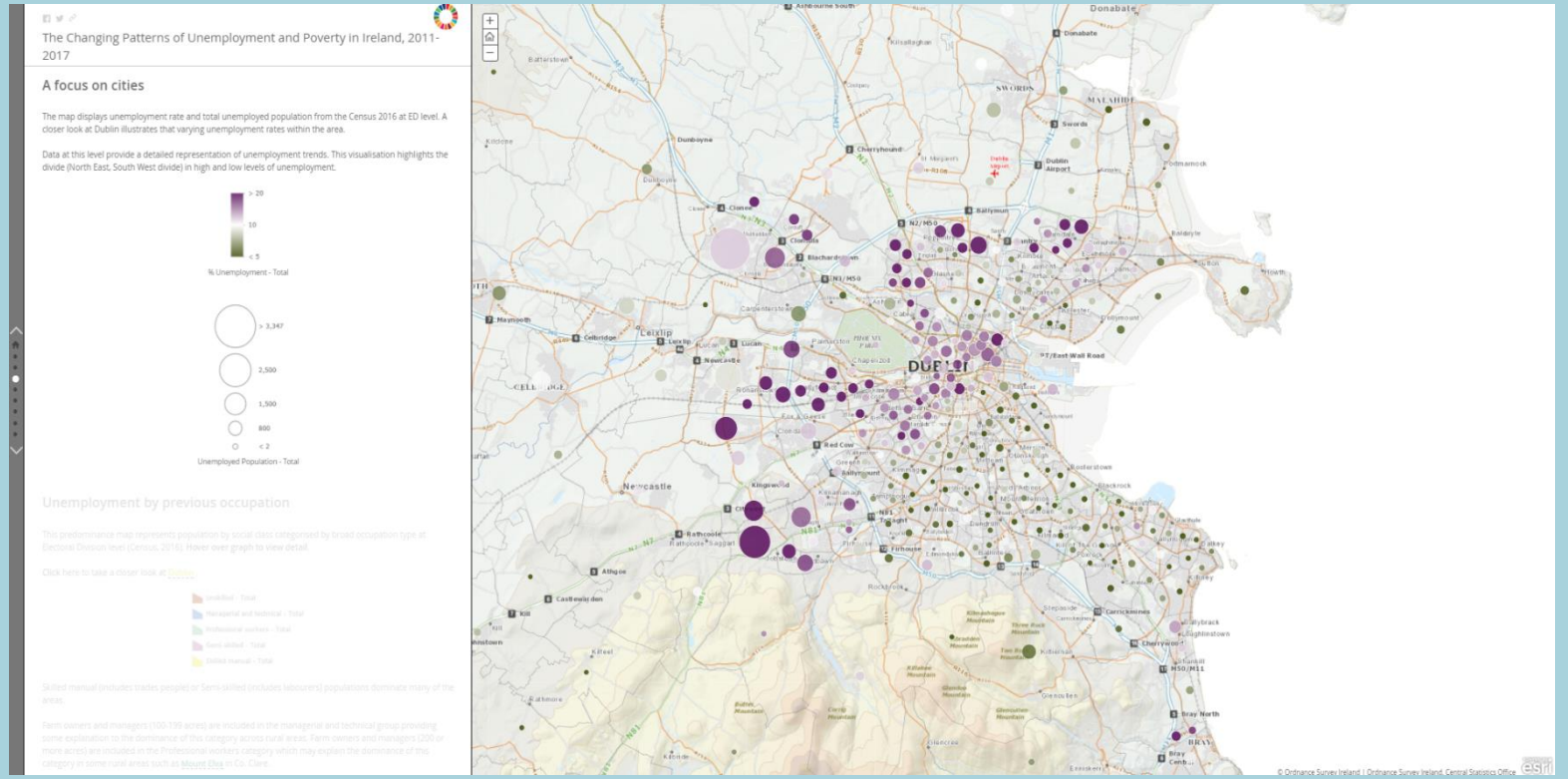
Story Maps

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.
SWEATERS
The Factory Shop
CHOICE
Ladbrokes

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.
> 20
10
< 5
% Unemployed - Total, Census 2016
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
DERRY/DOIRE
COLERAINE
OMAGH
BELFAST
NEWRY
DUBLIN
EXFORD

Story Maps


The Changing Patterns of Unemployment and Poverty in Ireland, 2011-2017
A focus on cities
The map displays unemployment rate and total unemployed population from the Census 2016 at ED level. A closer look at Dublin illustrates that varying unemployment rates within the area.
Data at this level provide a detailed representation of unemployment trends. This visualisation highlights the divide (North East, South West divide) in high and low levels of unemployment.
> 20
10
< 5
% Unemployment - Total
> 3,347
2,500
1,500
800
< 2
Unemployed Population - Total
Unemployment by previous occupation
DUBLIN
Newcastle
Leixlip
Donabate
Swords
Dublin Airport
Ballymun
Cherryhound
Dunboyne
Maynooth
Celbridge
Rathcoole
Athgoe
Castlewarden
Kingswood
Red Cow
Firhouse
Carrickmines
Cherrywood
Bray North
BRAY
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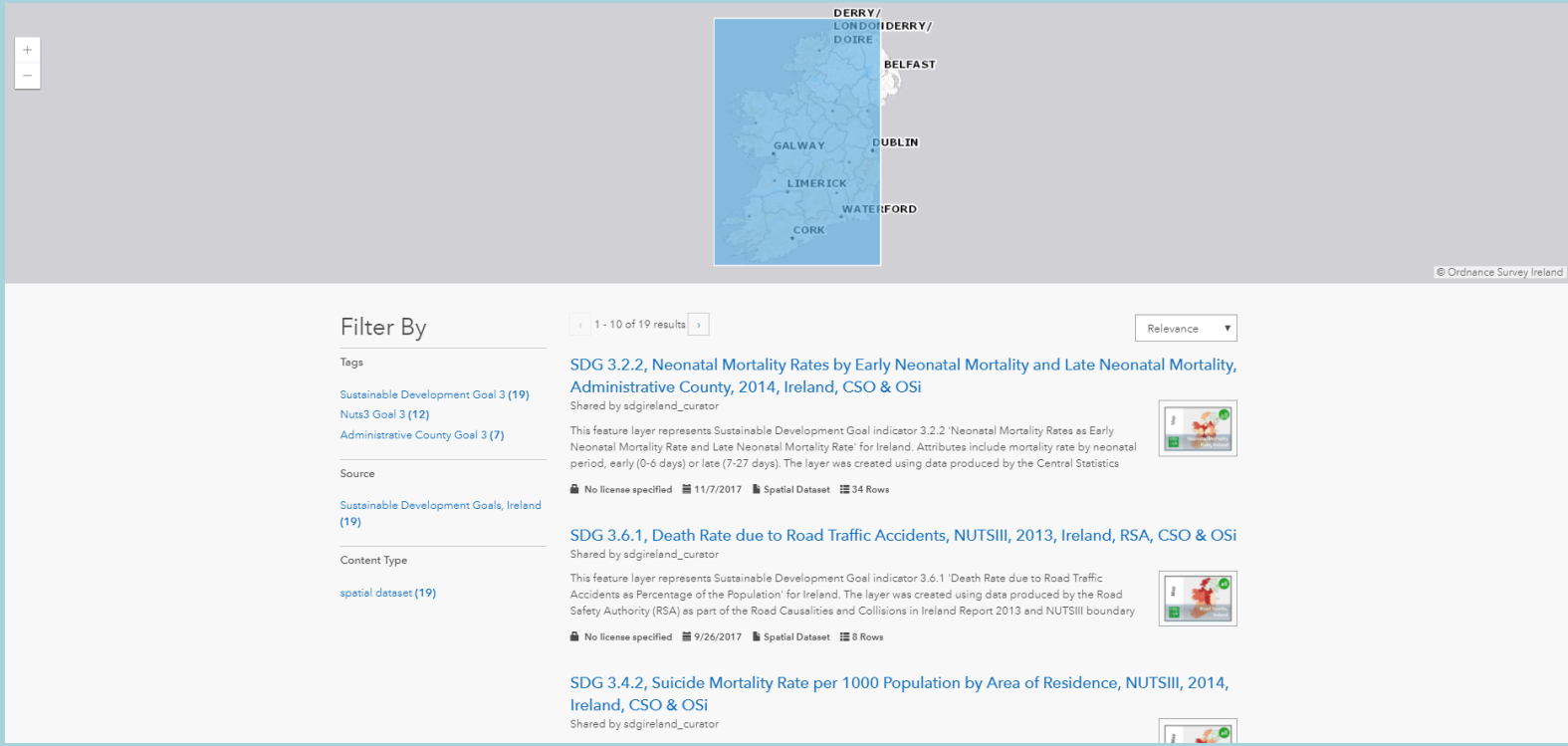
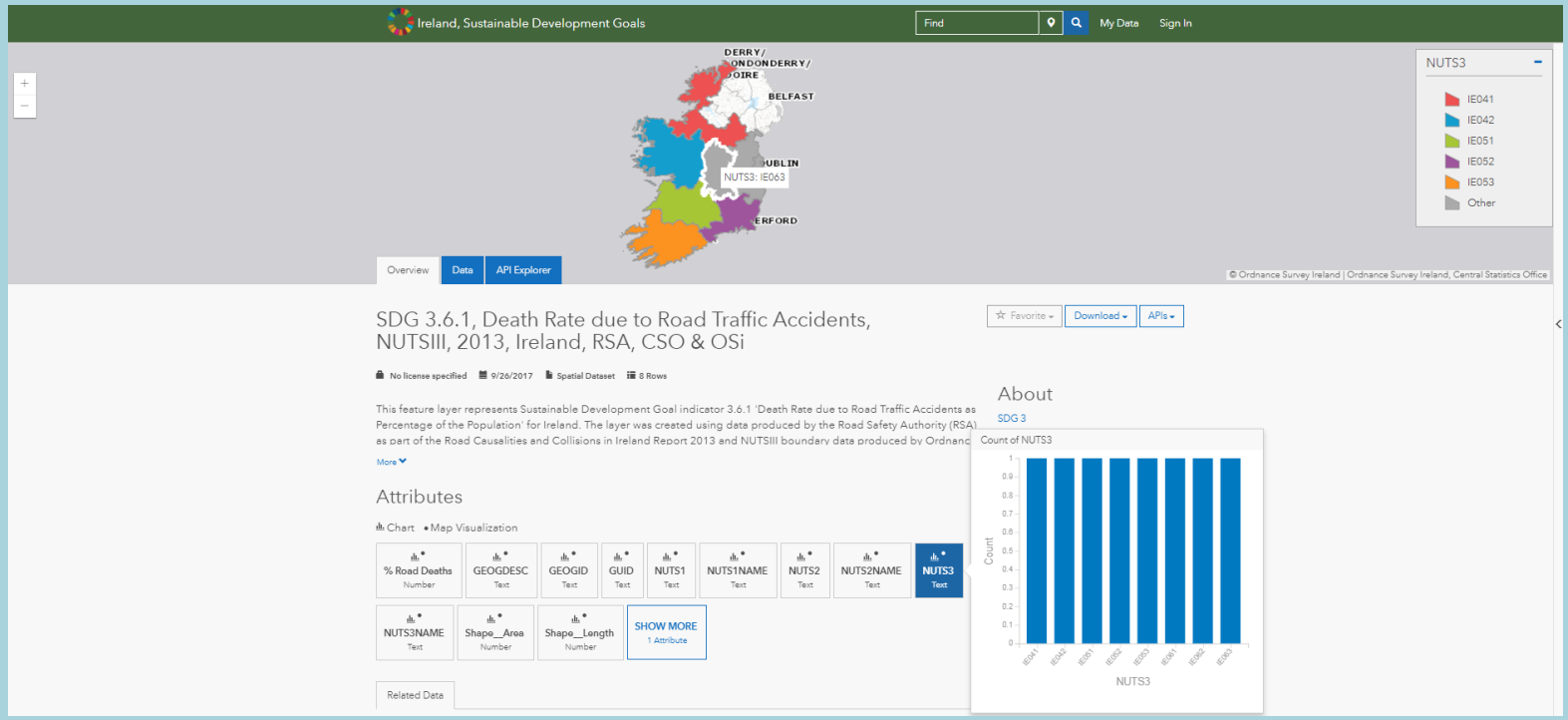
Ireland's SDG portal

Ireland's SDG portal



Ireland's SDG portal



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 DCCAE, 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.

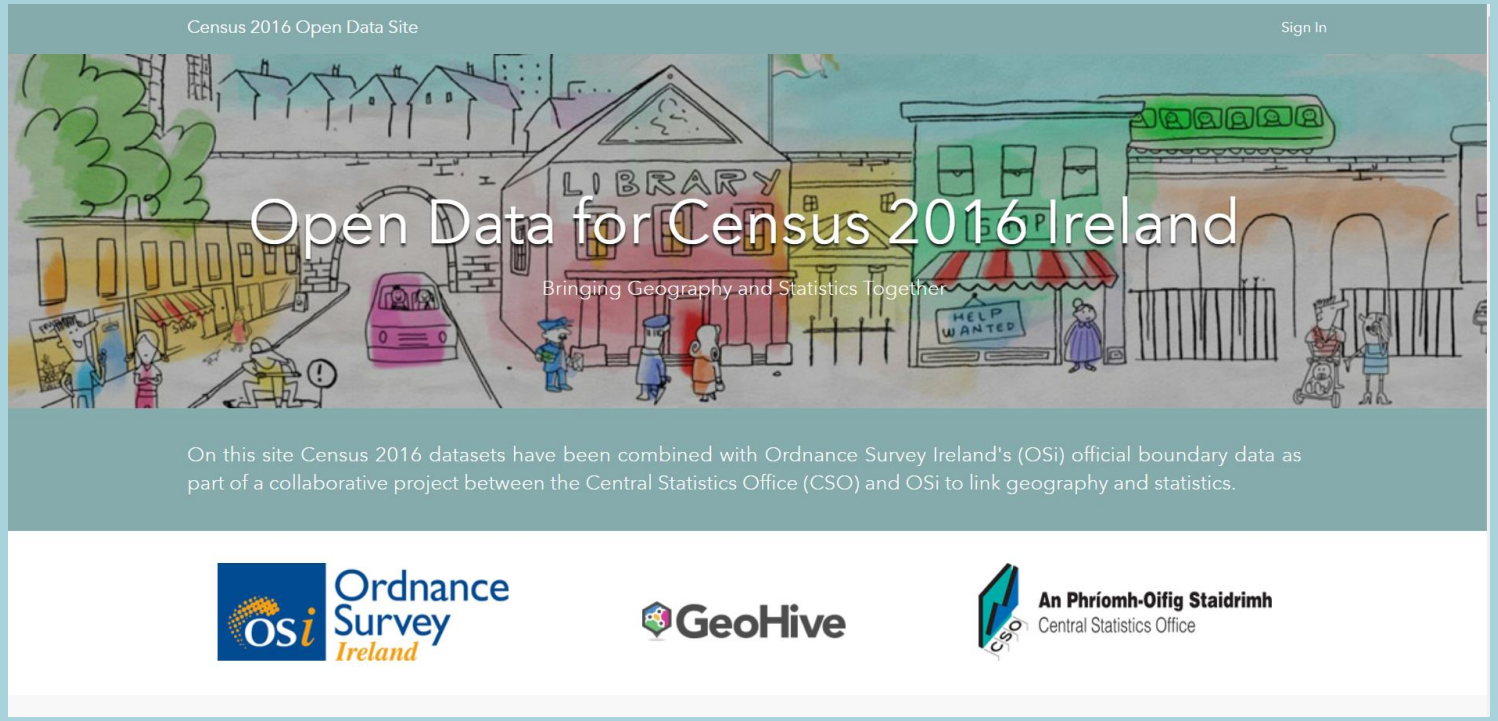
Additional Information

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



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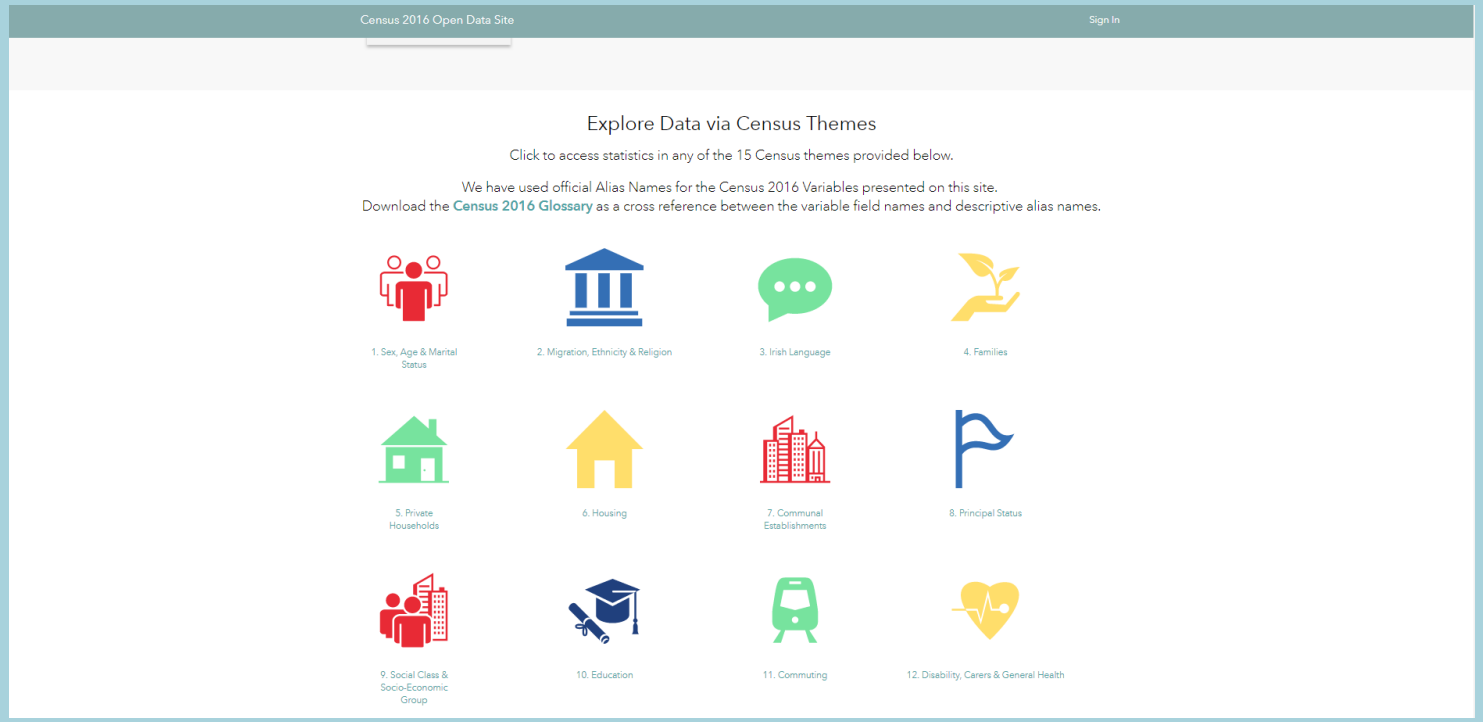

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Thank you