Ireland's COVID-19 Data Hub

National Statistics, Information & Data

The information presented in this site is based on official figures provided by the Health Protection Surveillance Centre (HPSC) and the Health Service Executive (HSE). Datasets, charts and maps will be updated on an on-going basis and in line with newly published data. This site is built using the GeoHive platform, Ireland's Geospatial Data Hub.

Please see FAQ for latest information on COVID-19 Data Hub Data Flows.
https://covid-19.geohive.ie/pages/helpfaqs

Contributors

This site is a collaboration between Ordnance Survey Ireland, the All-Island Research Observatory, the Health Protection Surveillance Centre, the Health Service Executive, the Central Statistics Office, the Health Intelligence Unit and the Department of Health.

This site is built using the GeoHive platform with Esri Ireland as a technical partner. GeoHive is the State's geospatial data hub at www.geohive.ie

For the latest public health advice, please see the Department of Health website.

GeoHive

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Related Links
Covax
Data.Gov.ie
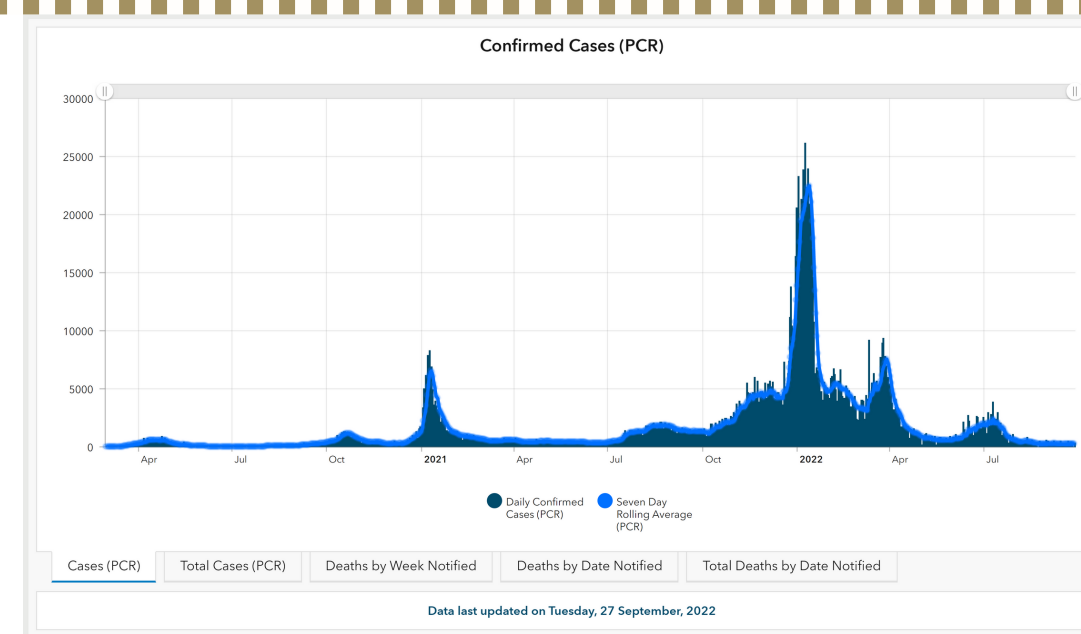Public Service Data
Strategy

- **Winner: 'Public Sector Analytics Project of the Year', Analytics Institute Awards 2022**
- **Winner: Esri 'Special Achievement in GIS Award' August 2021**
- **Finalist: Civil Service Excellence & Innovation Awards 2021**

Objectives

- **Trusted & accessible** source of regularly updated COVID-19 data
- All data available as **open data**
- Minimise burden on **data providers**

Collaboration & Governance

- GeoHive COVID-19 Response Coordination Group leveraged existing GeoHive spatial platform (ArcGIS) used for reporting Sustainable Development Goals
- **Ireland' COVID-19 Data Hub launched 18 March 2020, fully public hub in June 2020**
- Collaboration between DOH, OSi, CSO HPSC, HSE, HIU, AIRO
- COVID-19 Data Coordination Group coordinates activities of public service bodies collecting & disseminating COVID-19 data & oversees the Data Hub

First Phase

- **Confirmed COVID-19 Cases & Deaths** (HPSC/DOH) - Pre-existing CIDR system
- **Daily COVID-19 number in acute hospitals** (HSE) - New data system
- **COVID-19 cases in ICU** (NOCA, ICU-BIS) -New data system
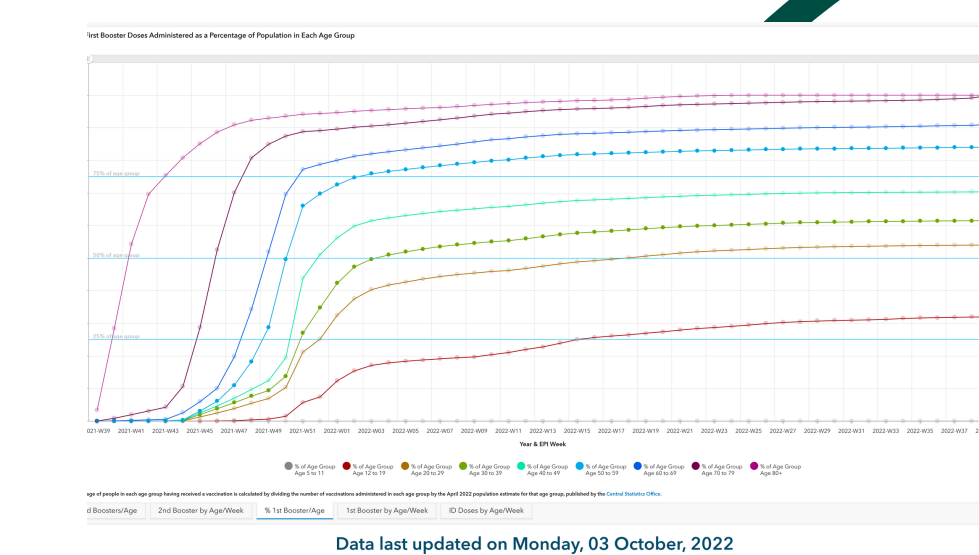- **Lab testing** (Deloitte/HSE/HPSC) - New data system
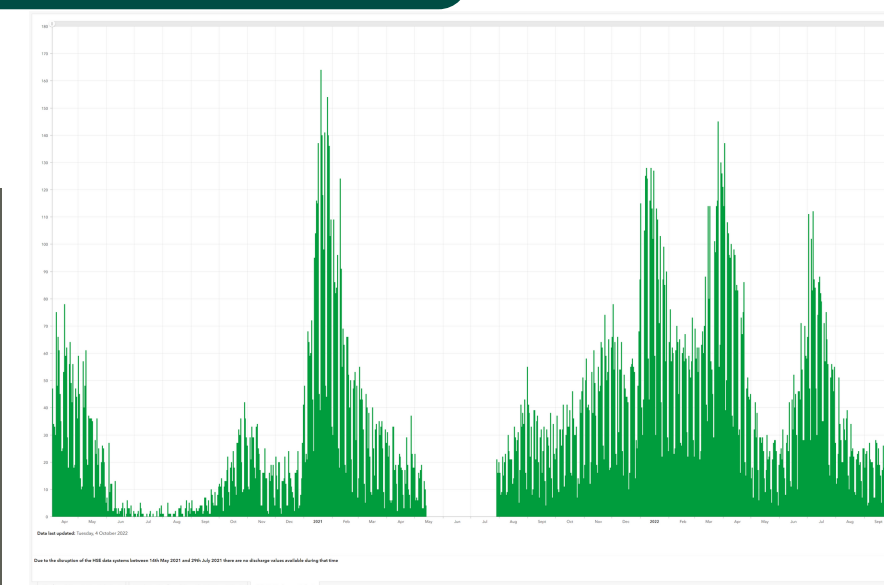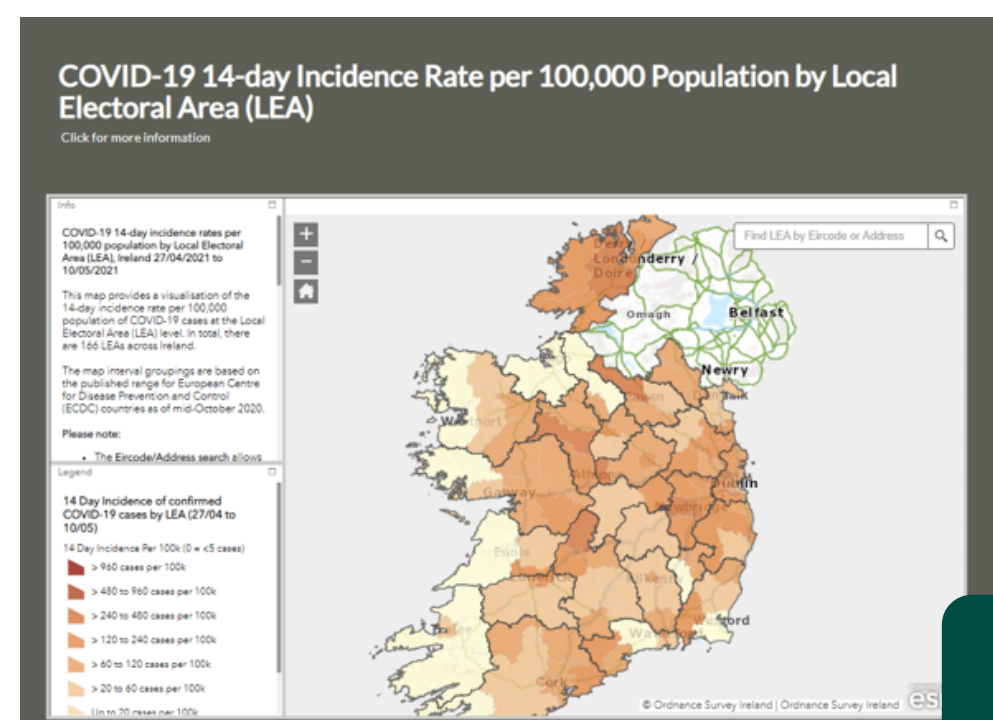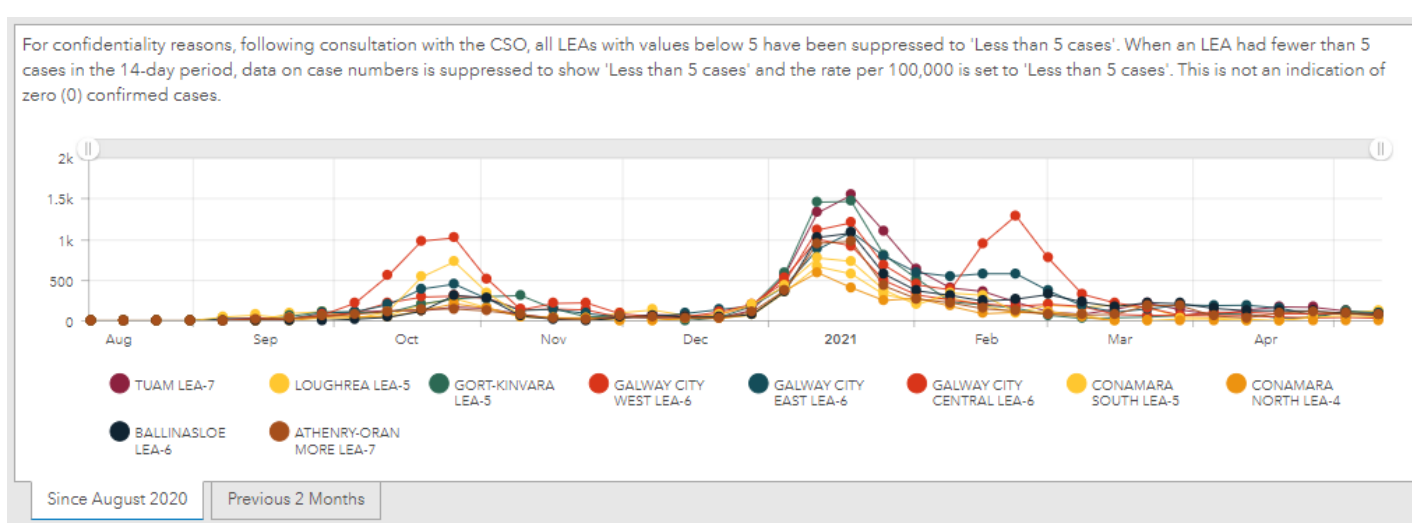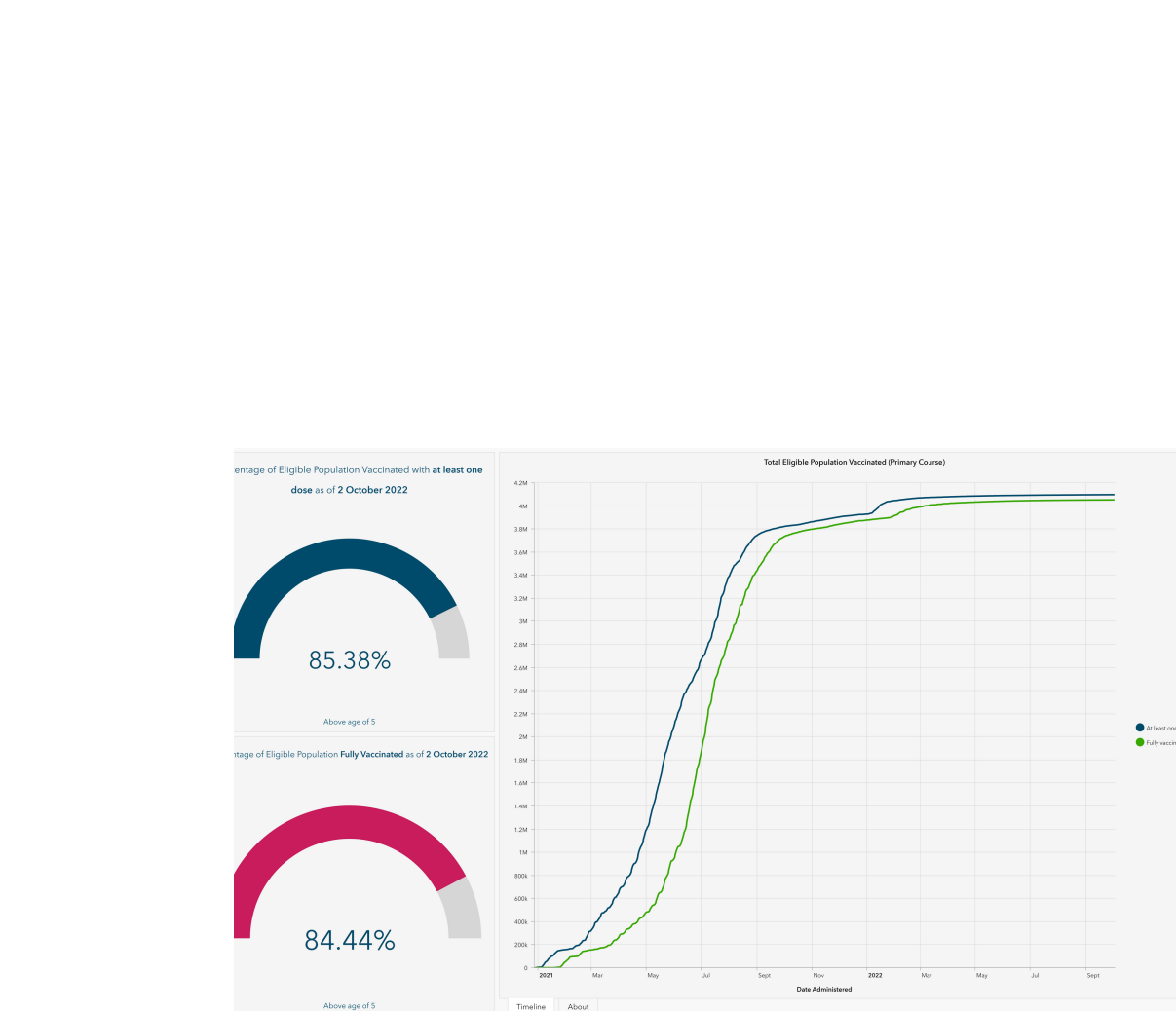
Hub Expansion

- August 2020: **Local Electoral Area map** (HPSC/HIU/CSO/AIRO) - Geocoded cases from CIDR
- January 2021: **Vaccination data** (Covaxx/DOH) - New data system
- January 2022: **Positive Antigen Results** (HSE/DOH) - New data system

Latest Developments

- Data on **Booster Vaccinations** in line with policy changes
- Reduced frequency of reporting
- Local Electoral Area data no longer updated

Open Data

- **All data** available as open data
- FAQ section offers **methodology & metadata**
- **Key users** e.g, HSE COVID-19 Tracker App; Our World in Data; Johns Hopkins; WHO; Media; Citizen data scientists ...
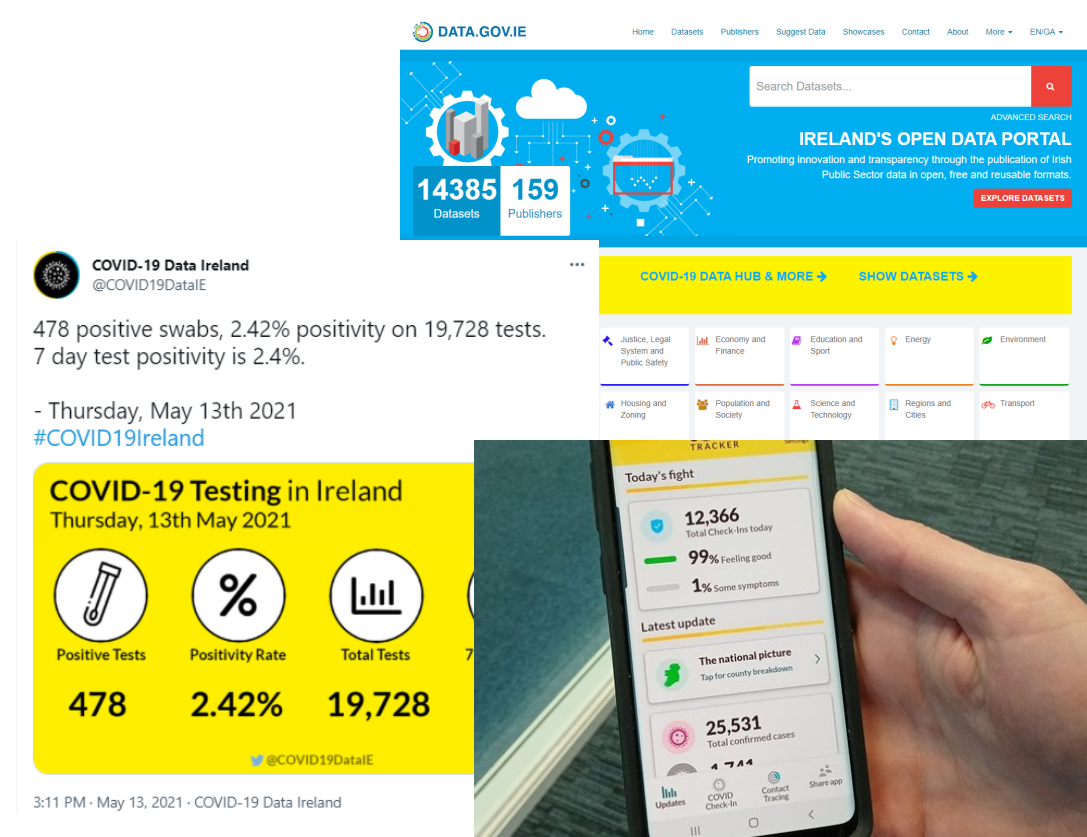
Lessons Learned

- **Lack of common unique patient identifier** across data systems was a challenge
- **Intense public & political scrutiny** required very clear metadata & messaging on complexity behind data
- Capacity of **long established data systems** to meet new data needs
- Creation of **new data systems** has had long term benefits e.g. Covax
- Easy access to high quality, timely & understandable COVID-19 data & visualisations helped **build awareness among citizens** of rationale behind public health interventions
- Learnings **for other national data hubs** e.g. data on Ukrainian refugees & input to **international reviews of dashboards** e.g. WHO European Region