



An
Phríomh-Oifig
Staidrimh

Central
Statistics
Office

Government COVID-19 Dashboard.

UNECE Data Collection workshop

Kieran Culhane, CSO

05/10/2020



March 2020

- Challenge around information and reporting
 - Health data in silos or did not exist; new systems being developed by Health Authorities
 - No infrastructure solution for sharing Health data with research community
1. Setting up CSO Covid 19 Data Research Hub
 2. Building Government Covid 19 dashboard



Setting up CSO Covid 19 Data Research Hub - Institutional

- Use powers given to CSO under Statistics Act
- Permission from the Minister of Health for CSO to collect data from Health Authorities for C19 related statistical analysis and reporting under Section 30 of Act
- Collaboration under Section 11 of Act between CSO, Health Authorities and Health Researchers allows C19 data sharing



An
Phríomh-Oifig
Staidrimh

Central
Statistics
Office

www.cso.ie

Setting up CSO Covid 19 Data Research Hub - Operational

- Data collected via secure transmission and processed through Administrative Data Centre (ADC) warehouse source and analysis tiers
- Research Microdata Files (RMFs) created and made available to nominated researchers under the Statistics Act within current CSO Researcher Infrastructure (C19 Data Research Hub)
- 5 SAFES apply Researchers, Projects, Data, Setting and Outputs

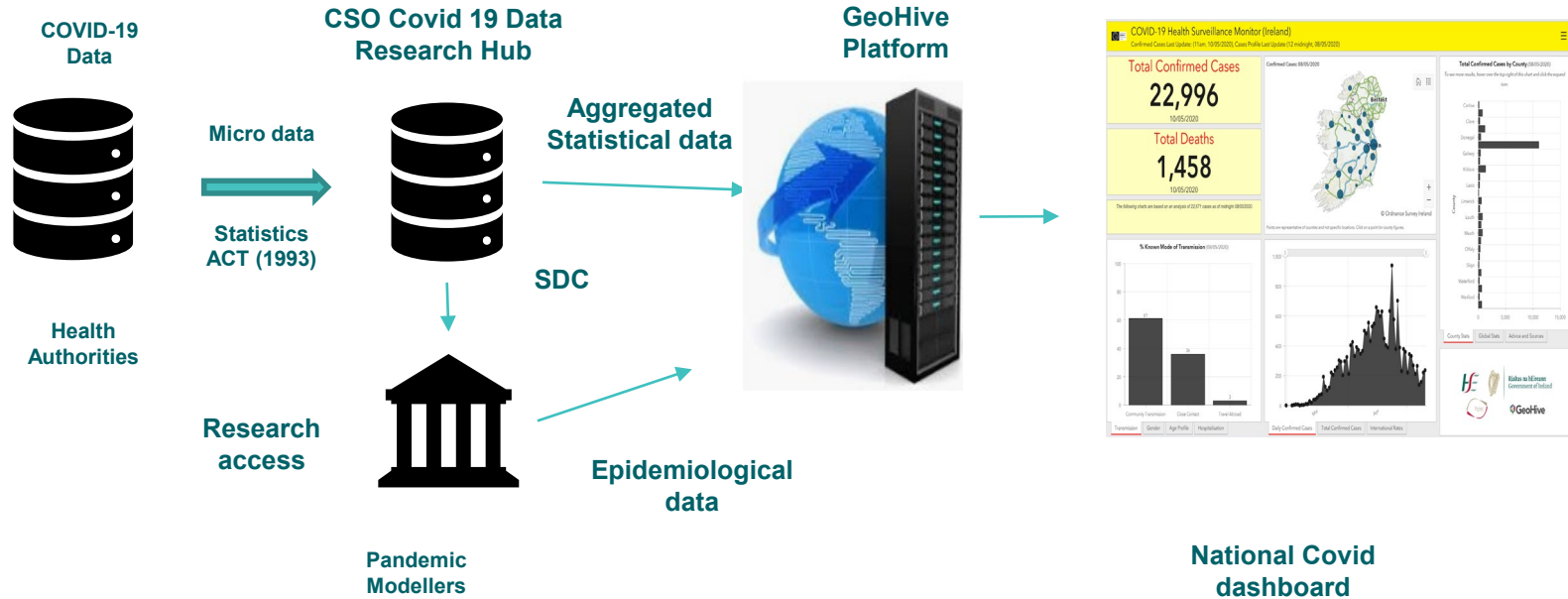


An
Phríomh-Oifig
Staidrimh

Central
Statistics
Office

www.cso.ie

Ireland's COVID-19 reporting ecosystem



Government Dashboard

- Request for “dashboard” for Cabinet of Ministers
- Data to include Health indicators but also Economic and Society
- Track in real time the critical data which will provide evidence of a need to respond to certain trends rapidly as well as potential emerging issues which will need to be dealt with through recovery.



Government Dashboard

- Built in Wordpress to allow ease of update, access control and data hosted in CSO.
- Uses official statistics as well as new data sources
- Publicly available
- Data requests to public bodies



Government Dashboard

Health Authorities

- Daily Covid Data
- Daily Hospital capacity
- Daily ICU capacity

Child Protection Service

- Weekly Child Protection referrals

Local Authorities

- Daily Local Authority Community Response Cases

Police

- Weekly Arrests under Covid Powers
- Weekly Domestic calls

Central Bank

- Daily ATM transactions
- Daily Spending on Credit & Debit Cards

Utilities

- Daily Peak Electricity Demand

Transport Authorities

- Daily Traffic Flow (Private Cars and HGV)
- Daily Public Transport passenger numbers

Tax and Social Protection

- Weekly Pandemic Unemployment Payment
- Daily Temporary Wage Subsidy Scheme



Covid 19 Cases

15,020 Male

Cases by
Gender

18,665
Female

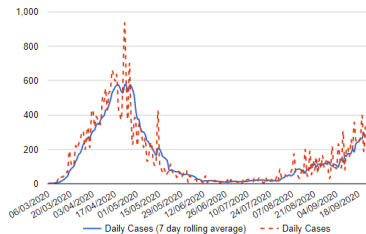
Daily Cases, 22nd September 2020

Data provided by HSE

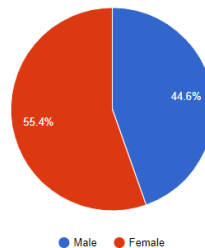
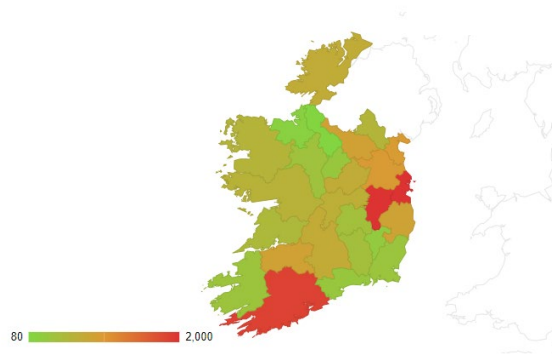
New Cases

334

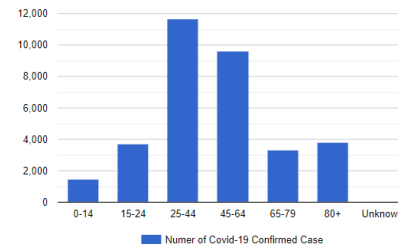
+77.7% from day
before



Cases by
County



Cases by Age

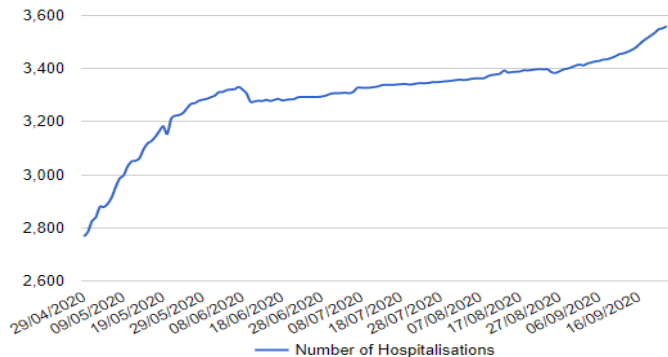


Hospital Capacity

Hospitalisations, 27th September 2020

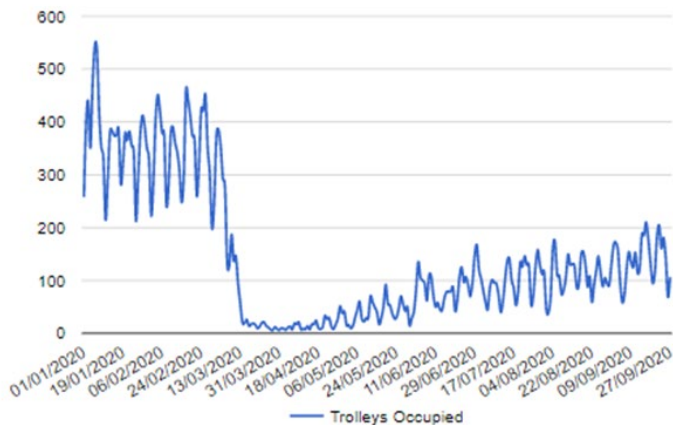
Total
Hospitalisations

3,560



Trolleys Occupied, 27th September 2020

Data sourced by HSE



Spending Data

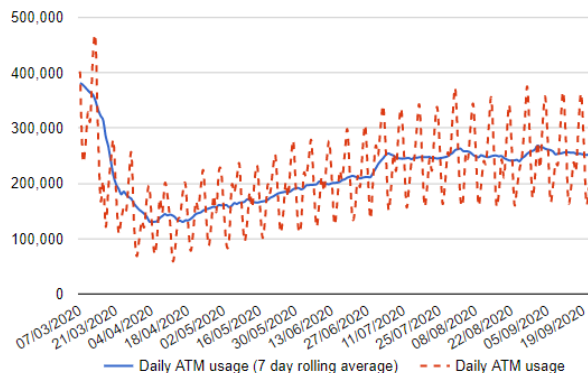
Daily ATM Transactions, 21st September 2020

Data provided by Central Bank of Ireland

Number of
Transactions

192,738

+1.7% from seven
days ago



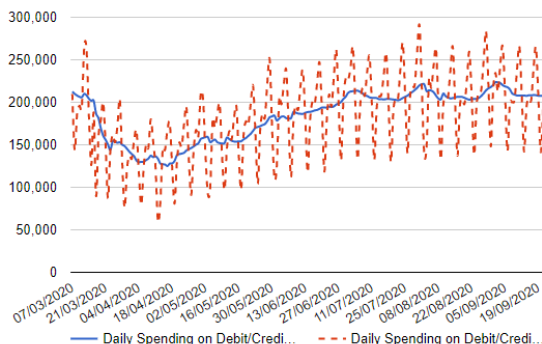
Daily Spending on Debit/Credit Cards, 21st
September 2020

Data provided by Central Bank of Ireland

Euro Million

193,965

+0.2% from seven
days ago



Traffic and Public Transport Data

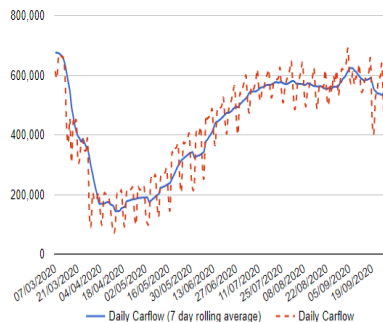
Daily Traffic Flow, 27th September 2020

Data provided by TII

Car Flow (at selected points on network)

456,968

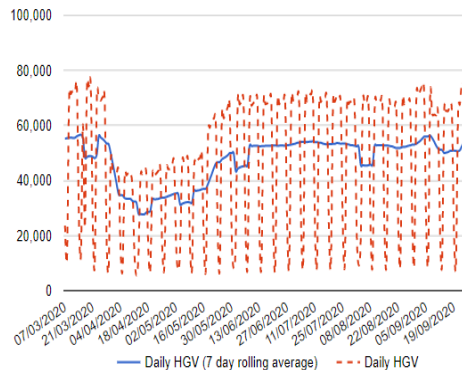
+12.5% from seven days ago



HGV Flow (at selected points on network)

11,525

+25% from seven days ago

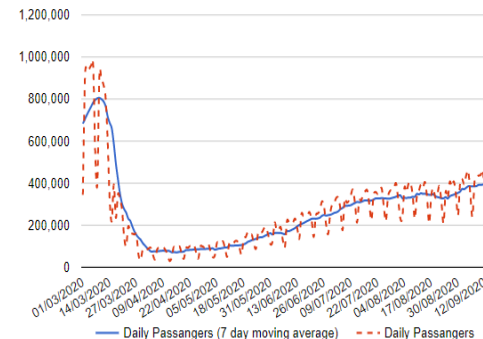


Daily Passengers

Data provided by NTA

249,875

+4.2% from 7 days ago



CSO Covid-19 Information Hub

COVID-19 Information Hub

This Information Hub has been developed and is maintained by the Central Statistics Office (CSO). It reports on the changing state of aspects of Ireland's economy and society since the COVID-19 outbreak.

The statistics have been sourced from a broad range of sources including the Central Statistics Office, the Central Bank of Ireland, other Government Departments and bodies and international sources. The source for all data presented on this information Hub is acknowledged and we thank all data providers for their support.

Please note: We are not responsible for the quality of data from the external sources.



Themes

- > Economy
- > Labour Market
- > Social and Wellbeing
- > Health
- > Transport, Energy and Tourism
- > Dashboard





An
Phríomh-Oifig
Staidrimh

Central
Statistics
Office

