



# EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL





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# Implementing a Data Inventory Catalogue to Enhance Data Governance and GDPR Compliance in the Central Statistics Office (CSO), Ireland

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eurostat 

The conference is partly  
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# Challenges in Data Management

- Lack of transparency of data holdings
- Unclear ownership structures
- Duplicate data collection
- Poor documentation to describe data holdings





# What is a Data Inventory Catalogue?





# Benefits of a Data Inventory Catalogue

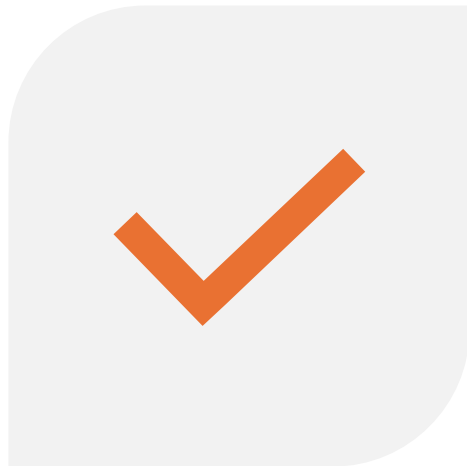


Enhanced Data Governance

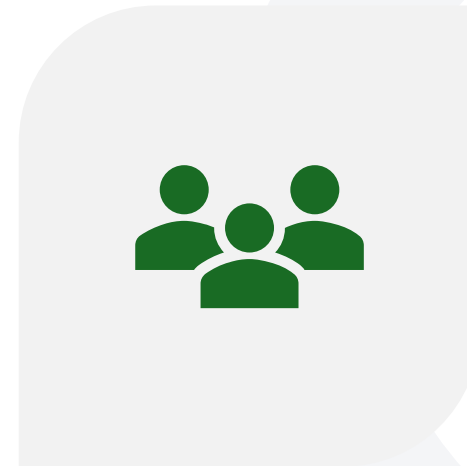




# Implementation Considerations and Challenges



SUPPORTED MODEL



ENCOURAGING USER  
ADOPTION AND PARTICIPATION





# Data Inventory

HOME

PRODUCTS

REPORTS

CDV LODGE

MANUAL

## Product Instance Listing

Directorate:

Economic Statistics

Division:

Prices

Section:

Residential Property

Product:

Residential Property Price Index

DPS ID:

2137

Search

## Instances

Show 10 entries

Create new instance: 202110

Search:

Description

Instance

Residential Property Price Index - measures price inflation experienced by households buying residential property sold in Ireland - also includes additional indicators on the volume, value and average price of residential property by location

202109



Residential Property Price Index - measures price inflation experienced by households buying residential property sold in Ireland - also includes additional indicators on the volume, value and average price of residential property by location

202108



Residential Property Price Index - measures price inflation experienced by households buying residential property sold in Ireland - also includes additional indicators on the volume, value and average price of residential property by location

202107



Residential Property Price Index - measures price inflation experienced by households buying residential property sold in Ireland - also includes additional indicators on the volume, value and average price of residential property by location

202106



Residential Property Price Index - measures price inflation experienced by households buying residential property sold in Ireland - also includes additional indicators on the volume, value and average price of residential property by location

202105





# Dataflow Details

## Product Instance Details

Directorate:

### Economic Statistics

Division:

### Prices

Section:

### Residential Property

Product:

### Residential Property Price Index

Product Instance:

**202109**

## Enabled Data Flow Stages

- Collect
- Process
- Analyse
- Disseminate

Collect Process **Analyse** Disseminate

Show 10 entries

Search:

File Name	Definition	Type	CSO Contact	
Stamp Duty Data	Variable	SAS Dataset	Viacheslav Voronovich	<input type="text"/>
BER data	Variable	SAS Dataset	Viacheslav Voronovich	<input type="text"/>
geodirYYYYqQ.sas7bdat	Variable	SAS Dataset	Viacheslav Voronovich	<input type="text"/>

Showing 1 to 3 of 3 entries

Previous 1 Next

[Add Data Source](#)

Project/Programs Define/View

Show 10 entries

Search:

File Name	Definition	Type	CSO Contact	
Edits	Folder	Excel File	Viacheslav Voronovich	<input type="text"/>
BER Residual	Folder	Excel File	Viacheslav Voronovich	<input type="text"/>
SDRyyyyMmm	File	SAS Dataset	Viacheslav Voronovich	<input type="text"/>

# File Details - Input - Process

File Name:	<input type="text" value="Stamp Duty Data"/>	<a href="#">Browse...</a>	File Path:	<input type="text" value="\\admindatacentre\ADC\ADCSource_01\Source Data\Revenue\leStamping"/>
Location:	<input type="text" value="ADC"/>		Type:	<input type="text" value="SAS Dataset"/>
CSO Contact:	<input type="text" value="Viacheslav Voronovich"/>		Definition Level:	<input type="text" value="Variable"/>
Data Classification:	<input type="text" value="A2"/>		Retention Period:	<input type="text" value="No Limit"/>
Data Origin:	<input type="text" value="Administrative"/>		CSO Customer/Supplier:	<input type="text" value="N/A"/>
Description:	<input type="text" value="Stamp Duty Data"/>			

[Choose File](#) No file chosen

[Copy](#)
[CSV](#)
[Excel](#)
[Print](#)
 Show  entries
 Search:

Variable Name	Description	Data Type	Origin	Key Variable	Classification	Precision
ad_line1	The first line of the property address.	Char	Administrative	Y		
ad_line2	The second line of the property address.	Char	Administrative	Y		
ad_line3	The third line of the property address.	Char	Administrative	Y		
ad_line4	The fourth line of the participants address.	Char	Administrative	Y		
am_annual_market_rent_non	The amount of annual market rent for non-residential property in short term lease	Num	Administrative	N		



**Table 1: CSO Data Classification Scheme – Categories and sub-categories**

<b>Category A</b>	<b>All confidential statistical micro-data</b>
<b>A1</b>	All personal confidential statistical micro-data including special categories as defined under GDPR
<b>A2</b>	All business confidential statistical micro-data
<b>A3</b>	Research Micro-data Files (RMFs)
<b>Category B</b>	<b>Personal or commercially-sensitive records used in the course of office administration</b>
<b>Category C</b>	<b>Dissemination data</b>
<b>C1</b>	Releases, Tables and Publications in preparation
<b>C2</b>	Published Releases, Tables and Publications
<b>C3</b>	Tables or analysis provided in response to ad-hoc queries
<b>Category D</b>	<b>All other information recorded in the course of running the Office</b>



## Reports



Variable Search



Administrative Data Report



Data Office Report



Data Origin Report



Methodology Report



Internal Data Usage Report



CDV Lodgement Summary



CDV Survey Specific Metadata



Programs Report



History Report



Product Instance Change Report



Product Instance Summary



No Product Instance Report





# Next Steps

- Feasibility of an External Data Catalogue
- Transparency notices
- Record of Processing Activities





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# Thank you

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STATISTICS PORTUGAL

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