

# Data confrontation and data sharing – an Irish perspective



**An Phríomh-Oifig Staidrimh**

Central Statistics Office

<http://www.cso.ie>



# Outline

1. Context - ESS Vision 2020
2. Mirror-data exercise: U.S. Foreign Direct Investment
3. Exchange of confidential microdata

# 1) ESS Vision 2020

"The exchange of confidential micro data will proceed in domains where there is a clear business case for improving the quality or efficiency of both European and national statistics and all pre-requisites have been satisfied".

# ESS Vision 2020 - rewards

- Enhanced quality - reduction of asymmetries
- Increased efficiency
- Reduced burden
- Measurement of cross border phenomena
- Increase relevance of official statistics describing those phenomena



# ESS Vision 2020 - risks

- Respondent trust
  - The more sensitive the microdata, the higher the reputational risk
- Sharing of data with ONAs
  - Dual mandate institutions (regulatory / supervisory)
- National circumstances need to be taken into account

## 2) Mirror-data exercise – U.S. FDI

U.S. Investment 2014	\$ bn	€ bn
U.S. Investment Flows	58.1	43.7
U.S. Stock Position	310.0	233.3

**Flows:** 20% of total US flows to Europe to end Q3 2015

**Stocks:** from 6.2% in 2004 to 11.1% of 2014 total

# Mirror-data exercise – U.S. FDI

- Irish BoP FDI attributed to country of immediate investing economy, rather than ultimate beneficial owner.
- Total U.S. FDI apportioned through holding companies:  
16% in 2003, increased to 48% by 2014

# Mirror-data exercise – U.S. FDI

	Inward FDI flows (€ bn)	Inward FDI positions (€ bn)
U.S.	4.8	33.4
Belgium	2.0	15.3
Luxembourg	3.1	66.7
Netherlands	11.7	61.6
Offshore centres	6.8	40.4
Total	28.4	217.4
U.S. BEA	43.7	233.3

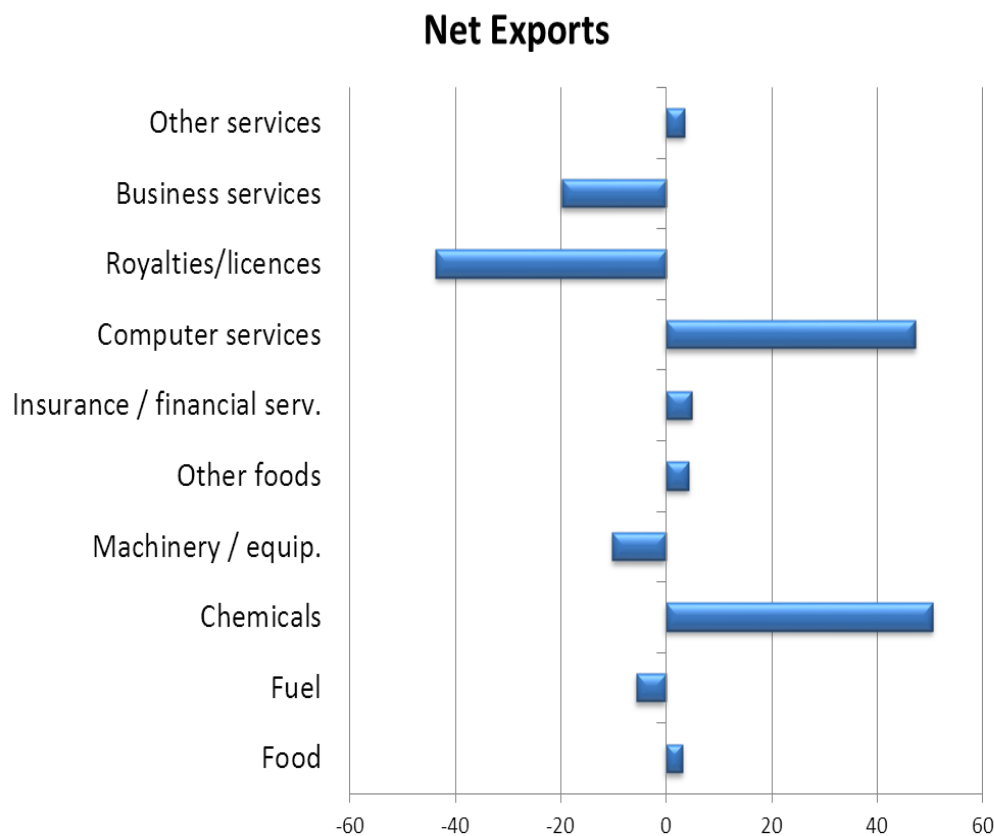
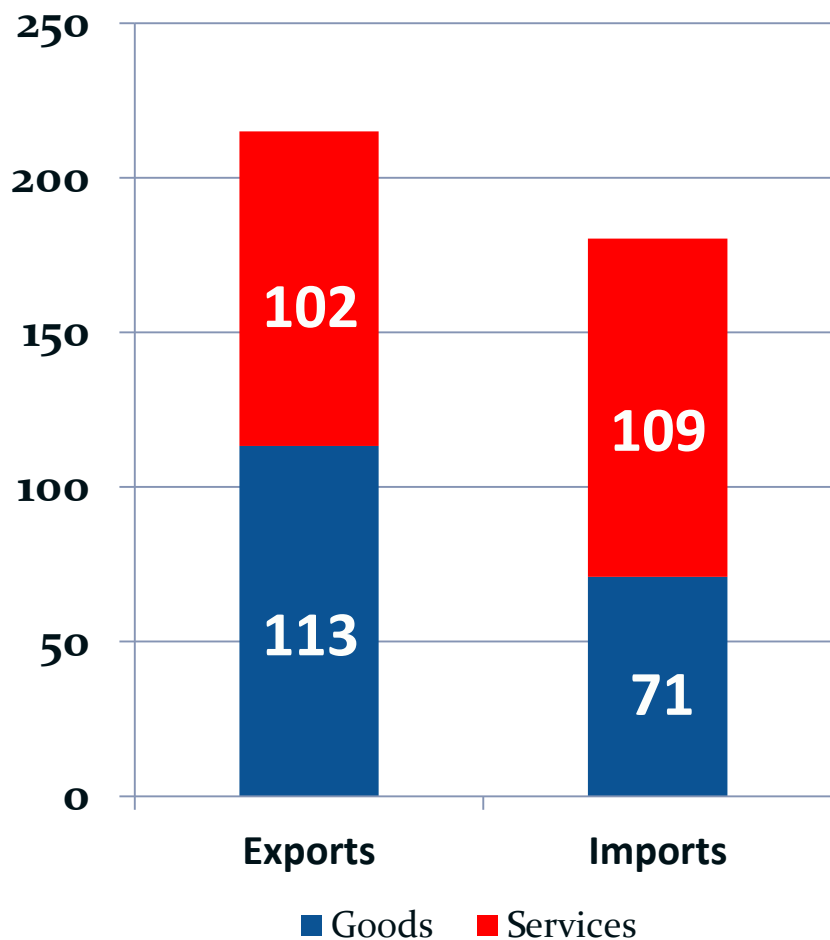


## 3) Exchange of confidential microdata

- Structure of the Irish economy
- Loss of engagement or trust
- Informed consent

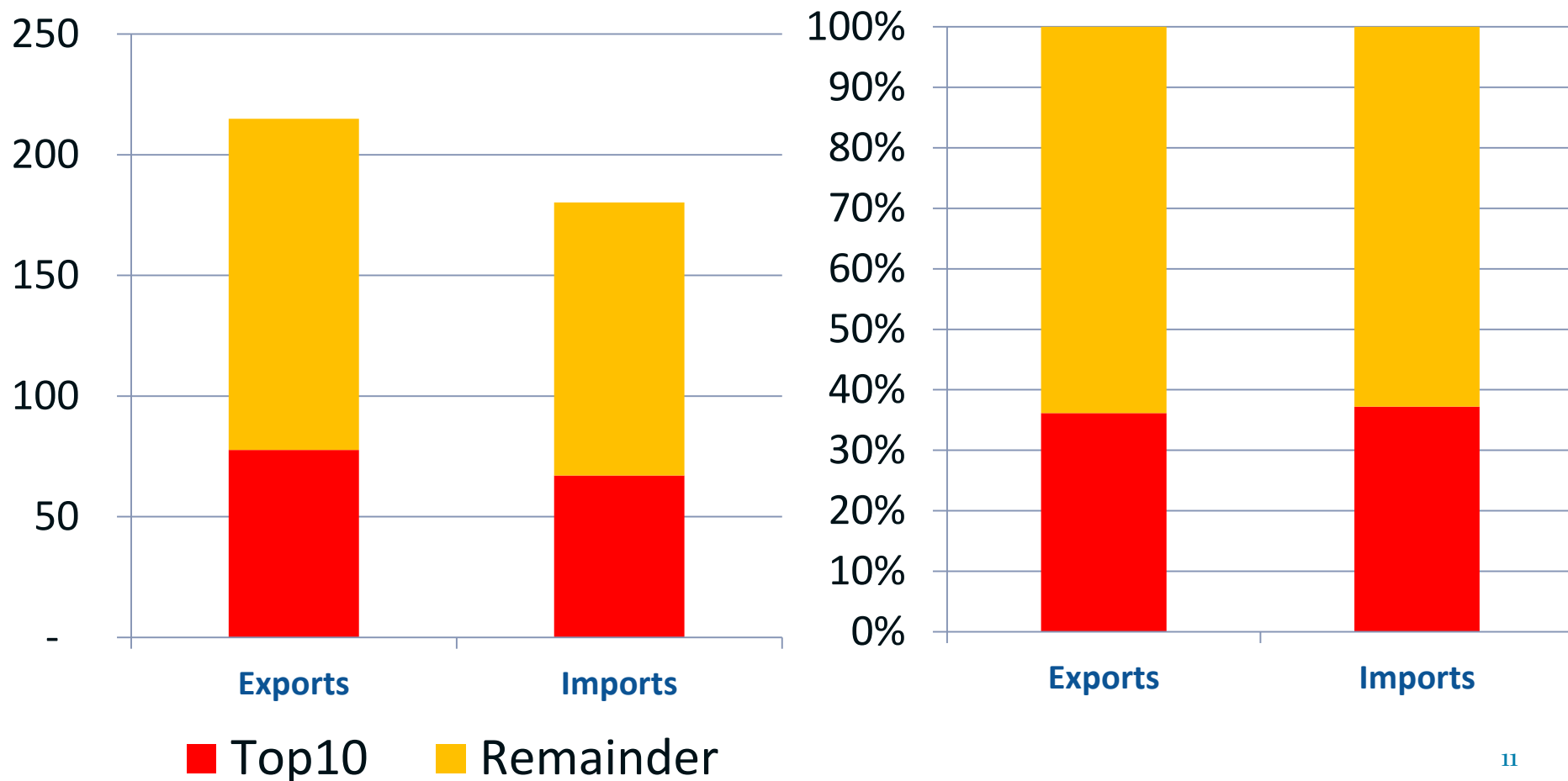
# Structure of the Irish economy

Imports, Exports & Trade Balance (2014. € billion)



# Structure of the Irish economy

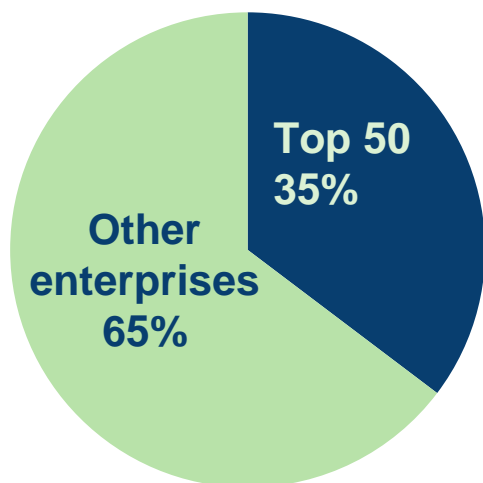
MNE concentration - top 10 Exporting Companies (2014, € billion)



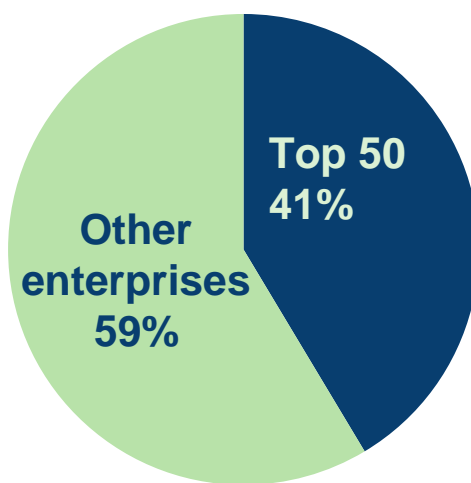
# Structure of the Irish economy

Importance of Top 50 enterprises 2011

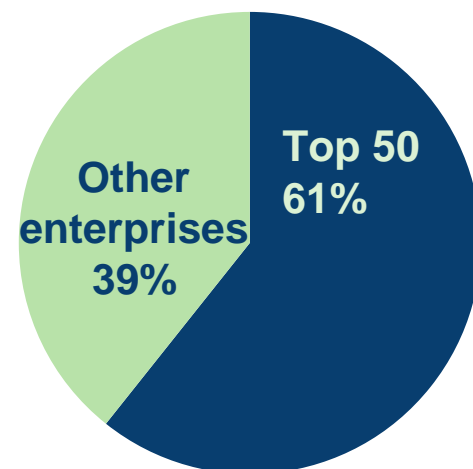
## Turnover



## Gross Value Added



## Gross Operating Surplus



# Structure of the Irish economy

## Importance of Top 50 enterprises 2012

### Contribution of large enterprises to Gross Value Added (GVA) in Ireland

---

	<b>GVA (€bn)</b>	<b>Number of enterprises</b>	<b>% contribution to GVA</b>
All enterprises	91.4	185,530	100%
Top 50 enterprises	38.0	50	42%
Top 10 enterprises	18.2	10	20%

# Structure of the Irish economy

## SIMSTAT – Ireland's concentrated economy

### Goods exports 2014

Number of exporters by size rank	Value of exports (€000)	Share of total Intrastat goods exports (%)
Top 5	17,078,024	34
Top 10	21,072,414	42
Top 20	25,629,514	51
Top 50	32,702,468	64
Top 75	35,489,565	75

Exporters: 1,809

### Goods imports 2014

Number of importers by size rank	Value of imports (€000)	Share of total Intrastat goods imports (%)
Top 5	3,501,717	14
Top 10	5,660,511	19
Top 50	14,039,379	40
Top 95	18,170,715	50

Importers: 7,080

# Loss of engagement or trust

- Respondent confidence and trust
- Ability to compile key economic indicators
- Informed consent
- Legal framework – CSO experience

# Conclusions

- We can't stand still, we need to make progress
- Must make sure the first step is in the right direction
- A comprehensive cost / benefit analysis from a quantitative and qualitative perspective is necessary
- Can we make progress without sharing confidential microdata (LCU, VIES, BEPS etc.)