

Danish External Trade in Goods Statistics

EU Twinning Project Israel
Study visit on Balance of Payments

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Overview

- Introduction
- Intrastat – trade with EU countries
- Extrastat – trade with non-EU countries
- Other surveys
- Data production
- Dissemination

Introduction

- First Danish Trade figures disseminated in 1836.
- In Denmark external trade statistics are made by Statistics Denmark
- Statistics Denmark is the only source for external trade figures
- Statistics Denmark collect data on EU trade
- Customs authority (SKAT) collect data on non EU trade
- Statistics Denmark process and disseminate trade figures



Danish External trade in Goods

External trade in 2013

- Imports: 96,517 mn. USD
- Exports: 110,378 mn. USD
- Around 70 per cent of the external trade is with EU countries
- Germany, Sweden and United Kingdom largest trade partner
- Net exporter of crude oil
- Imports from Israel: 81 mn. USD
- Exports to Israel: 229 mn. USD



Two trade systems

Two trade systems:

- Intrastat system: Trade with the 27 other EU countries – in work since 1993
- Extrastat: Trade with non EU countries

And some special surveys

- Vessels and aircraft
- Electricity
- Sea products



Intrastat (1)

- Monthly statistics like Extrastat
- Largest enterprises covering 93 percent of imports and 97 percent of exports, produce statistical reports to Statistics Denmark every month.
- Around 20 percent or 8,000 Danish enterprises report to Intrastat.
- Only the most necessary information must be reported (not as many as in Extrastat): Commodity code (8 digit Combined nomenclature), invoice value, net mass, supplementary unit, partner country, transaction code, reference month, flow.



Intrastat (2)

- All of the reports are received electronically.
- Data validated, corrected and processed by Statistics Denmark
- Estimation for the smallest enterprises covering 3 or 7 per cent of the trade.
- Estimation is primarily based information of total EU trade reported on the VAT declaration.



Extrastat (1)

Data collection

- Customs authority (SKAT) collects both imports and exports declarations
- 99 per cent electronic declarations
- Statistics Denmark receive a copy of all declarations with all information
- Statistics Denmark receive new declarations every night.



Extrastat (2)

Data validation

- Online validation at Customs: Check of country, commodity and custom procedure codes, missing value, net mass or supplementary unit. Also credibility check and check of limits stated in nomenclature.

Checks done by Statistics Denmark:

- Check for logical errors: same checks as above plus check of combinations (i.e. check whether country code match customs procedure code). Carried out daily.
- Credibility checks: check of value per net mass or unit. Done every second week.



Extrastat (3)

Data validation

- Special checks of trade in crude oil, natural gas, train wagons and wind generators.
- Check of monthly total trade at enterprise level
- Check of monthly total trade at country level
- Check of lines with large values (value > 10,000,000 DKK, net mass > 10,000,000 kg and units > 1,000,000)
- Check of declarations of provisions for ships, aircraft, etc. Only export flow. Check of partner country.
- Check of provisions for military forces stationed outside Denmark.



Extrastat (4)

Data corrections

1. Statistics Denmark receives the declarations from Customs Authority, SKAT
2. Statistics Denmark validates the declarations
3. Statistics Denmark sends the wrongful lines to the enterprises by (electronic) letter
4. Enterprises contact Customs to correct lines
5. Customs correct imports lines and enterprises correct their own export lines
6. Customs transmit the corrections to Statistics Denmark



Vessels and Aircraft

- Change of economic ownership concept is applied.
- Most data collected via a monitoring of changes in records in the national shipping and aircraft registers.
- Special data delivery from aircraft leasing companies
- Ongoing investigation in ownership of ships under foreign flag



Electricity

- The statistics on external trade in electricity are based on information on the actual movements in the electric system of transmission lines.
- The value of electricity crossing the border is estimated on the basis of the prices quoted on the energy exchanges.



Sea products

- Products from the sea are defined as belonging to the country in which the vessel conducting the catch of fish is registered.
- Foreign fishermen's direct landings of fish in Denmark and Danish fishermen's direct landings of fish abroad are included in the import and export statistics, respectively.
- Information on Danish fishermen's landings abroad is received by the Danish Directorate for Fisheries.



Time frame of the data production

Day 1:

- Gross data extraction (compilation of raw data for data processing). Validation of the extracted data set. Updating VAT data. Initial steps in the data processing

Day 2-3:

- Processing of the data and estimation of various adjustments
- Check of trade figures and seasonal adjusted trade figures

Day 4:

- Final figures and delivery of data for the Balance of Payments unit

Day 5-7:

- Meeting in interest group on External trade in Goods
- Uploading of data for Statbank and updating of publications
- Preparation of the press release NYT (News from Statistics Denmark)
- Calculations of indices
- Preparation of data for Eurostat

Day 8:

- Dissemination of data in Statbank at 9.00 a.m. and press release HURRAH!!
- Data is transmitted to Eurostat and UN during the day



Dissemination (1)

Data released:

- Within 40 days from the reference month:
 - Detailed Extrastat +aggregated Intrastat
- Within 70 days from the reference month:
 - Detailed Intrastat)
- General trade used for national release
- Relaxed special trade send to European Commission (Eurostat) for release in Eurostat statbank "Comext".
- Trade figures revised every month until October in the year after the reference year.
- Further revisions October year 2 and year 3 after reference year



Dissemination (2)

- Trade figures available for free in www.statbank.dk and in Eurostat Comext database, <http://epp.eurostat.ec.europa.eu/newxtweb>
- Trade figures disseminated according to SITC, Combined Nomenclature, a Danish classification KONJ and Danish version of UN's BEC classification
- New data once a month



The end

Thanks for your attention!

Questions, comments?

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