Working Party on International Trade in Goods and Trade in Services Statistics

IMPROVING QUANTITY INFORMATION IN FRANCE

7-9 November 2011, OECD Headquarters, Paris

This document is for discussion and was prepared by Laurent Gasnier for item 5.3 of the agenda.

This document contains the presentation for item 5.3 of the agenda. It is available in pdf format only.

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Document complet disponible sur OLIS dans son format d'origine
Complete document available on OLIS in its original format
France : Improving checks in customs data

OCDE – 7 November 2011
1 – Overview of data collection

- A shift towards zero paper
  - Nearly 99% of electronic declarations (in terms of items)
  - Very few paper declarations and private files

- Main consequences
  - Lower compliance costs for PSIs
  - Electronic validity controls of data
  - As a result, a better quality
2 – Some more difficulties

- Most common errors
  - Commodity code
  - Country of origin/consignement

- Coherence between volume and value = IVUs
  - Many outliers = already 20% of IVUs collected
  - Automatic treatment not reliable
  - Only 0.5% of data with high impact on foreign trade (50 000 lines)

- A need to improve checks and prioritize
3 - The use of IVUs

**Advantages**

- Values and quantities detailed at product and partner country level
- Harmonize methodology ensures consistency, completeness and comparability
- Low compilation costs
- IVUs can be calculated easily

**Disadvantages**

- Differences in the way of calculating by Member State due to outliers
- Unsuitable products
- Lack of adjustment for quality
- More complex treatments

**Necessary to correct main outliers to get available IVUs**
4 – Data processing : a need to improve checks

- **Better ensure data quality**
  - Check operations with high impact
  - Check particularly Unit Value Index
  - Better ensure traceability of errors
    - What type of errors? How many errors?
    - Which society involved? How many recidivists?

- **Simplify data collection controls**
  - For companies : reduce their burden, avoid to call them for minor errors
  - For correctors
    - Ease and improve their jobs
    - Possibility to correct without return to the society

- **Realize productivity gains**
5 – Axes of change

Define new control methods by using a risk analysis to prioritize suspicions

- Suspicions based on deviation to the reference values (last 12 months):
  - References values: average monthly values, quantities and prices
  - 20,000 references by CN8xFlow
  - 200,000 references by CN8xFlowXSociety

- Reference is society:
  - For regular firms: priority given to the reference of the society. Bugatti quite different from Renault
  - For irregular firms: reference to the CN8

- Create a database for statistical purposes
  - Carry out corrections directly in the database without systematic return to the PSI

- Implementation of a tracking system in a view to monitor data collection and ex post controls
6 – Data sets selection: priority groups

1. Systematic controls of main operations
   - > 5 millions € for Intrastat and >3 millions € for Extrastat
   - Main operations at CN8 and country level

2. Consistency errors of CN8 or country (misclassification)

3. Important impact on average price of the CN8
   - \( \frac{V_{ref} + V_{operation}}{M_{ref} + M_{operation}} \) compared to \( \frac{V_{ref}}{M_{ref}} \)
   - \( V_{ref} = \) reference value (monthly average for CN8xsociety)
   - \( M_{ref} = \) reference net mass or USUP (monthly average for CN8xsociety)
   - Ranking: impact > 100%, 50% < impact < 100%...

4. Ratio net mass/USUP unlikely

→ Each suspicious line has a score
7 – Prototype

- Each corrector has to check a list of suspicions
- Suspicions classified in decreasing order
- For one society, several lines (operations) to check
7 – Prototype

Commerce de gros (commerce interentreprises) de parfumerie et de produits de beauté

Main activity: wholesale trade

Product: Skirt (luxury business)

DAU à l'export

COMEX national

Score: 40

Fortes opérations

Prix

Valeur

NC

Pays

Impact NC

Impact Sec

Niveau

Rapport Masse/UC

APE/NC

Pays/UC

n°dec=21784137 - n°ligne=1

62045100 Jupes et jupes-culottes, de laine ou poids fin, pour femmes ou fillettes (autres qu'en bonnetière et sauf jupons)

Client

UA

UA

Importance of the society and the operation (value, IVUs)

Operation: main characteristics

Manual correction

Mode of correction

Correction automatique

Normer masse par UC

Normer UC par masse

Tester la correction

RAZ

Valider la saisie initiale

Superviseur

Decision making tools

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### Commerce de gros (commerce interentreprises) de parfumerie et de produits de beauté

**DAU à l'export**: COMEX national  
**Score**: 40  
**Forte opération**:  
**Prix**:  
**Rapport Masse/UC**:  
**APE/NC Pays**:

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<tr>
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**Normes**  
- nc8  
- société  
- opération (comparaisons deux à deux)

**Activité**  
- **Valuers**:  
- **UC**:  
- **Nombre de pièces**:  

**Prix UC**:  
- *impact ligne sur Px moyen* - NC: +19.8% - Soc: +623.8%  

**IVUs unlikely, outside of the range**  
- **rapport masse/UC**  

**Net mass/USUP unlikely**
7 – Prototype

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<th>Score: 40</th>
<th>Forte opération</th>
<th>Prix</th>
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**NC8**

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<tbody>
<tr>
<td>UA</td>
<td>mCS</td>
<td>Valeurs</td>
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| Valeur | 134 732 | 134 732 | | UC | 892 | Nombre de pièces |
|--------|---------|---------|| | | |
| Masse | 400 | 400 | | |
| UC | 40 | |

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**IVUs corrected inside the range**

Net mass/USUP comparable to NC8
8 – Next steps

- Prototype still in test
  - Rather favorable welcome by correctors
  - Bias towards automatic corrections

- A real change in the way of correcting
  - Need to convince and take time
  - Need of training
  - A tool, dedicated to a specific population?

- Great job to achieve
  - At the end of 2012?
  - Need to build monitoring tools
Thanks you for your attention