UN List of Industrial Products

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United Nations Statistics Division

WS-ECE 09/04

History

UN list of industrial products was developed in the framework of 1973 world programme on Industrial Statistics

Scope of world programme

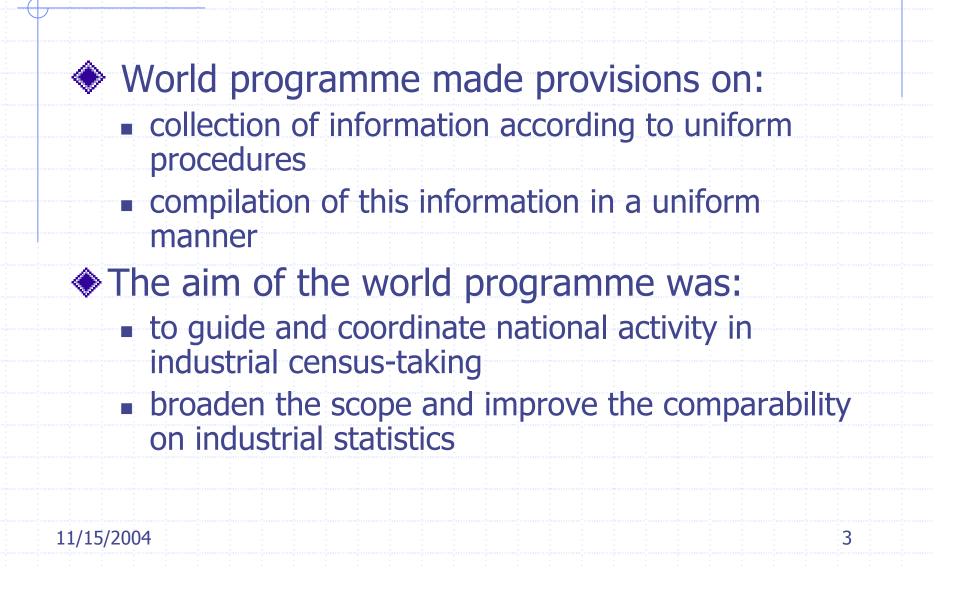
organization and conduct of industrial inquiries

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indicators to be compiled



History



Purpose

The UN List of industrial products served as:

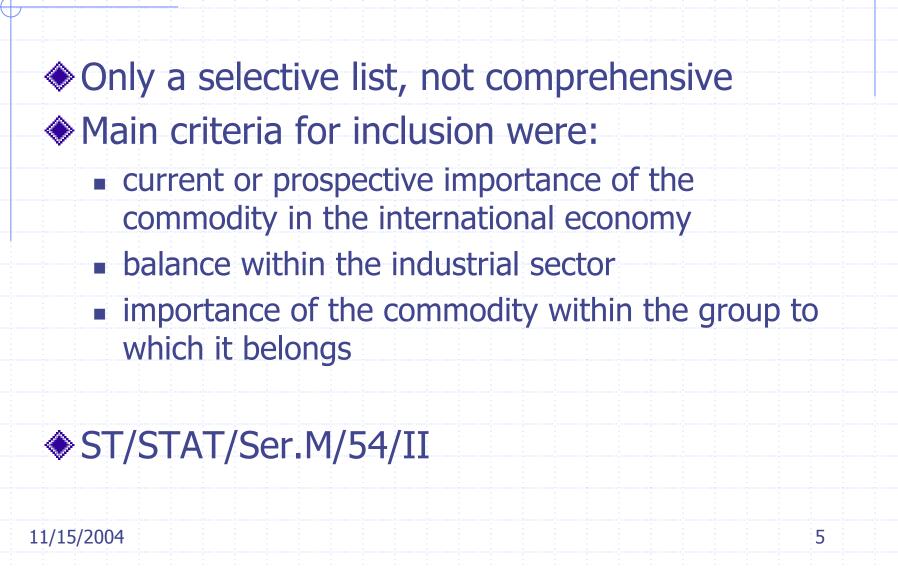
- A guide in reporting and collecting data on major industrial products for all countries and areas
- A tool to observe and compare industrial production on a worldwide basis

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- a pure form of product statistics
- physical quantity production data

Criteria







- explanatory notes of BTN (CCC, 1955)
- early version of SITC

national practices and comments received

Products were grouped and coded according to industries (ISIC Rev.2 - 4 digits), with a running numbering for individual products (2 additional digits), e.g. 2302-01 "Copper ore"

Definition and coding

- Data collection and measurement issues embedded in:
 - coding system
 - definitions of products
 - measurement units
- Example:
 - 2301-01 "Iron ores and concentrates, gross weight"
 - 2301-01M "Iron ores and concentrates, metal content"

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Data collection



Data is collected through UN questionnaire on commodity production statistics sent yearly to NSO-s

Major publication: Industrial Commodity Statistics Yearbook

annual publication, contains data for the latest 10 years

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- Other publications:
 - United Nations Statistics Yearbook
 - Monthly Bulletin of Statistics

Need for revision

- Changes in the economic structure, new products
- The content of 1973 list has become out of date
 - has to be complemented with new products

- not necessarily completely altered
- Changes in underlying classifications



Revision goals

Reflect products representative of today's industries Based on current classifications (CPC, HS) Consider national product lists (!) Update of supporting methodology Applicable for calculation of price indices No "clean slate" approach

Initial steps

	the link to CPC/HS for each product of the list was evaluated (1:1, 1:n, m:1, m:n)
	 he "history" of existing list was looked at a rank from 0 to 10 (0-worst, 10-best) was attached to each product the criteria for ranking on the next slide industry coverage by the current list was looked at trade data and national production data to be
	 used as a source new products to be added (for instance: high-tech, pharmaceuticals)
11/15/2004	11

The criteria for ranking

- Quantity of data
 - number of countries reporting, completeness of series
- Source of data
 - National data has priority vs. data from other sources
- Quality of data
 - Number and content of footnotes
- Clarity of definition of the product
- The relative importance of the product within the group considered

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The importance of the product for developing countries

Distribution of ranks in the old list

rank	0	1	2	3	4	5	6
number	232	1	33	14	84	28	76
rank	7	8	9	10			
number	86	61	42	16			

Methodological approach

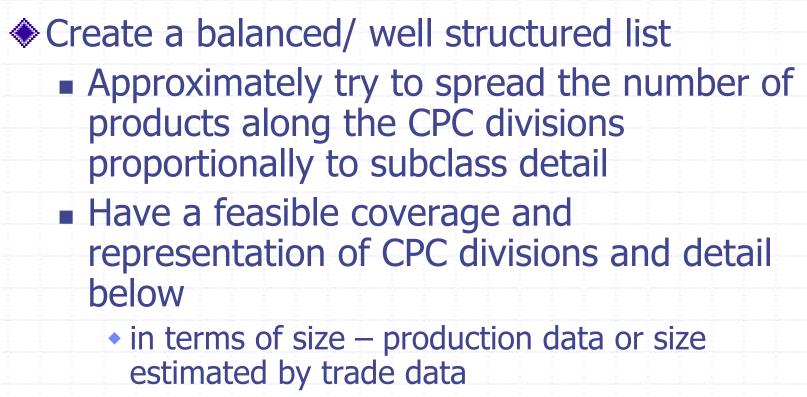
Base the definition and coding of the products on CPC

CPC subclass level of detail or below (HS detail)

The list "to spread along" CPC divisions 11-49 Agriculture, livestock, forestry, fishery products excluded

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Methodological Approach (cont')



 in terms of content – consideration of the entirety of products belonging to each division

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Practical considerations

Original purposes for developing a list of industrial products still relevant today

- Try "to save" as many historical time series as possible
- A selective list; upper limit: 700 products
- Criteria for inclusion remain the same as in the past
 - Importance internationally, balance within the industrial sector, relative importance



Looking at actual production data (or trade data as estimates) is important!

CPC	Title	number (proposal)	number (newlist)
1	Products of agriculture, horticulture and market gardening	1	0
2	Live animals and animal products	2	d
3	For estry and logging products		0
4	Fish and other fishing products		- 0
11	Coal and lignite; peat	3	5
12	Crude petroleumand natural gas	3	3
13	Ur aniumand thor iumor es	2	1
1.4	Metal or es		
15	Stone, sand and clay	5	7
16	Other minerals	5	14
17	Electricity, town gas, steamand hot water	2	3
18	Water		
21	Meat, fish, fruit, vegetables, oils and fats	20	27
22	Dair y pr oducts	5	6
23	Grain mill products, star ches and star ch products; other food products	20	21
24	Beverages	5	7
25	Tobaccoproducts	2	3
26	Yarn and thread; woven and tufted textile fabrics	20	1.7
27	Textile articles other than apparel	1.5	1.5
28	Knitted or crocheted fabrics; wearing apparel	25	25
29	Leather and leather products; footwear	1 0	9

	615	574
uipment	30 40	24
Medical appliances, precision and optical instruments, watches and clock		23
7 Radio, television and communication equipment and appar atus		30
chiner y and appar atus	25	31
inting and computing machiner y	20	17
os e machiner y	45	40
ose machiner y	35	22
etal products, except machinery and equipment	20	1 4
Basic metals		31
aps		C
Fur nitur e; other transportable goods n.e.c.		24
ss products and other non-metallic products n.e.c.	15	15
astics products	17	18
al products; man-made fibres	25	35
als	35	38
oducts; refined petroleumproducts; nuclear fuel	13	15
nd paper products; printed matter and related articles	20	12
wood, cork, straw and plaiting materials	10	1.0

Some statistics

- The draft list that has been recently distributed for consultation contains 574 products; among these:
 - 190 carried over unchanged
 - 92 carried over with some change
 - 292 new products introduced

Reasons for deletions (486 products deleted):

- Not relevant products anymore
- Poor production data
- "Difficult" (m:n, 1:n) links to CPC subclasses
 - In such cases the whole group of products (m:n or 1:n) was replaced with new ones, covering as a group the same scope/content

Some statistics (cont')

- 242 products in the draft new list coincide with full CPC subclasses, 8 products with full combinations of CPC subclasses
- The rest is usually below CPC subclass detail; HS categories or combinations of them
- The non-existing products such as hightech and pharmaceuticals have been introduced
- Reporting in physical units and in value

Consultation

The draft list has been sent to the following countries for an initial consultation: Australia, Brazil, Canada, China, Iran, Jordan, Russia, Serbia & Mont., South Africa, Uganda

And to

Eurostat, OECD, UNIDO and UN Regional Commissions

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