



ISIC Rev.4 draft, Section E

“Water supply; sewerage; waste management and remediation activities”

United Nations Statistics Division

WS-ECE 09/04



Why this section?

- ◆ A continuous request and need that ISIC reflect better environment and sanitation activities
- ◆ Questionnaire on main issues for the revision of ISIC and CPC – June 2001:
 - Should new detailed categories be introduced to facilitate the compilation of “Environmental Activities”?
 - ◆ The majority of countries asked for more detail to be introduced
 - Should ISIC Rev. 3.1 division 37 “Recycling” be redefined or grouped with other activities? Are there more appropriate definitions for recycling activities?
 - ◆ Retain this category but redefine it

Structure of section E (ISIC Rev.4 draft)

- 35 "Water collection and supply"
- 36 "Sewerage"
- 37 "Waste collection, treatment and disposal; materials recovery"
- 38 "Remediation activities and other waste management services"

Affected ISIC 3.1 categories

- ◆ 37 "Recycling" (in "Manufacturing")
- ◆ 41 "Collection, purification and distribution of water" (in "Electricity, gas and water supply")
- ◆ 90 "Sewage and refuse disposal, sanitation and similar activities" (in "Other community, social and personal service activities")



◆ Section E represents an improvement in the treatment by ISIC of environmental type activities:

- A new section that brings together all environmental type activities
- Reflects better the way the industries are organized in these areas
- Very useful for analytical purposes
- More detail introduced (divisions, groups, classes)

- ◆ Divisions 35 and 36 represent the two complementing areas of activities of water cycle – therefore important to have them together from an environmental point of view
- ◆ Activities of div. 35 and 36 in half of cases are carried out by the same units
- ◆ Activities included in former division 90 are better recognized in divisions, groups, classes

◆ Improvement in affected ISIC sections

- Recycling removed from Manufacturing
- Activities of electricity, gas and water supply are being more and more deregulated – therefore water collection and supply removed from Utilities
- Former division 90 belongs in section O “Other community, social and personal service activities”, which includes a variety of unrelated activities; this section is being disaggregated in ISIC Rev.4 draft

◆ The terms “environment”, “sanitation”, “recycling”, not used in the titles and notes

◆ The scope of the section is not intended, can not and does not cover the entire spectrum of environmental type activities

- There is not enough specialization in environmental areas to be reflected in an activity dimension
- Could be well covered in a product dimension (SEEA)

ISIC 4, 35			Water collection and supply	ISIC 3.1
	350	3500	Water collection and supply	4100
ISIC 4, 36			Sewerage	
	360	3600	Sewerage	9000*

ISIC Rev.4 draft, Div.35

◆ Scope:

- Water collection
- Water treatment (such as purification, desalination for water supply purposes, irrigation)
- Water supply

◆ Your feedback!

- How is the irrigation organized, what forms of irrigation exist, is irrigation a specialized activity in your countries?
- Do you have particular forms of water treatment?

ISIC Rev.4 draft, Div. 36

- ◆ Scope: Operation of sewerage systems and sewage treatment facilities
 - Collecting and transporting human waste water, rain water, waste water from industries
 - Treatment of waste water
 - Maintenance and cleaning of sewers and drains

ISIC 4, 37			Waste collection, treatment and disposal activities, materials recovery	ISIC 3.1
	371		Waste collection	
		3711	Collection of non-hazardous waste	9000*
		3712	Collection of hazardous waste	9000*
	372		Waste treatment and disposal	
		3721	Treatment and disposal of non-hazardous waste	9000*
		3722	Treatment and disposal of hazardous waste	9000*
	373	3730	Materials recovery	3710, 3720

ISIC Rev.4 draft, Division 37

◆ 371 scope:

- Collection and/or transportation of hazardous and non hazardous waste

◆ 372 scope:

- Disposal (may include collection and transportation if carried out as a chain process)
 - ◆ Dumping, burial, ploughing-under of refuse
 - ◆ Treatment, disposal of radioactive waste from hospitals
 - ◆ Waste treatment by composting plants
 - ◆ Treatment and disposal of toxic and contaminated waste
 - ◆ Treatment disposal by incineration or combustion
 - ◆ Collection, treatment, disposal of waste water in 3600!!

ISIC Rev.4 draft, Division 37

◆ 373 scope:

- The same scope as former division 37 (ISIC Rev 3.1 3710 + 3720)
- Separating, sorting, and processing waste and scrap in order to recover secondary raw material
- The input –waste and scrap- is unfit for direct use in an industrial process
- The output – secondary raw material- is an intermediate good fit for direct use in an industrial manufacturing process
- 373 scope is not intended to have intersection with Manufacturing or Wholesale!!

ISIC Rev. 4 draft, Division 38

- ◆ 38=3800 “Remediation activities and other waste management services”
- ◆ Scope equal to a portion of former 9000
- ◆ Includes cleanup of contaminated buildings, mine sites, soil, surface or ground water