

**Table 1: Transboundary Movement of Hazardous Wastes and Other Wastes
among all reporting Parties in 1998**

As at 15 October 2000 seventy-four Parties reported for the year 1998 in accordance with articles 13 & 16 of the Basel Convention. Forty-seven Parties reported data on the export of hazardous wastes and other wastes. Twenty Parties reported that no export of hazardous wastes and other wastes took place from their countries. Twenty-three Parties reported data on the import of hazardous wastes and other wastes. Forty Parties reported that no import of hazardous wastes and other wastes took place in their countries.

According to the export data out of the total quantity of wastes that moved world-wide, 10 % went for disposal followed by 83 % for recycling. Details about what happened to the remaining 7 % of the wastes were not available. According to the import data out of the total quantity of wastes that moved world-wide, about 14 % went for disposal followed by 73 % for recycling. Details on the fate of the remaining 13 % of the wastes were not available.

In the 1998 reporting, about 8 % difference exists between total quantities reported by exporting and importing countries. According to the export data, the largest portion of wastes without Y-codes (35 %) moved across the borders, followed by waste streams Y1 – Y18 (31 %) and then by wastes having specific constituents Y19 – Y47 (25 %). On the other hand, according to the import data, it was the wastes having specific constituents Y19 – Y47 (51 %), followed by wastes without Y-codes (22 %) and then waste streams Y1 – Y18 (16 %) that were imported.

Based on Export Data

Wastes Exported	Amount (in mt.)	%
Waste streams (Y1-Y18)	1 294 073	31
Wastes having as constituents (Y19-Y45)	862 301	21
Other wastes (Y46 - Y47)	183 565	4
Wastes without Y-codes	1 402 862	35
Mixed Y-wastes	371 921	9
Total wastes Exported	4 114 722	100

Based on Import Data

Wastes Imported	Amount (in mt.)	%
Waste streams (Y1-Y18)	621 726	16
Wastes having as constituents (Y19-Y45)	1 583 951	42
Other wastes (Y46 - Y47)	351 159	9
Wastes without Y-codes	829 485	22
Mixed Y-wastes	429 911	11
Total wastes Imported	3 816 232	100



Source: Secretariat of the Basel Convention (data as reported by the Parties)

Disclaimer: Due to variations in national reporting, these figures are not directly comparable and should be used with caution.

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Table 2: Transboundary Movement of Hazardous Wastes and Other Wastes for *Disposal* among all reporting Parties in 1998

For disposal operations there was about 23 % difference between the total quantities reported by exporting and importing Parties.

The most common disposal operation used was incineration (D10). The export data shows that 36 % of wastes went for incineration and the import data shows that 40 % went for the same purpose. Based on both and import and export data, the least used operation was the intermediary disposal operation such as blending, repackaging and interim storage (about 2 %).

Based on Export Data

Basel Disposal Operations	Amount (in mt.)	%
D1, D2 and D4 (Landfill, land treatment)	64 911	15
D3 and D12 (Underground storage)	79 631	19
D5 (Specially engineered landfill)	22 876	5
D8 (Biological treatment)	21 224	5
D9 (Physico chemical treatment)	70 264	17
D10 (incineration)	153 138	36
D13, D14 and D15 (Blending, repackaging, interim storage)	7 468	2
Total mixed Ds	3 657	1
Total Amount Subjected to Disposal Operations	423 171	100

Based on Import Data

Basel Disposal Operations	Amount (in mt.)	%
D1, D2 and D4 (Landfill, land treatment)	23 252	4
D3 and D12 (Underground storage)	23 160	4
D5 (Specially engineered landfill)	138 844	25
D8 (Biological treatment)	42 111	8
D9 (Physico chemical treatment)	86 755	16
D10 (incineration)	217 440	40
D13, D14 and D15 (Blending, repackaging, interim storage)	10 351	2
Total mixed Ds	6 881	1
Total Amount Subjected to Disposal Operations	548 794	100



Source: Secretariat of the Basel Convention (data as reported by the Parties)

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Table 3: Transboundary Movement of Hazardous Wastes and Other Wastes for *recycling* among all reporting Parties in 1998

For recycling operations there was about 18 % difference between the total quantities reported by exporting and importing Parties.

According to the export data 50 % of wastes were recycled for reclamation of metals, inorganic compounds and catalysts whereas the import data showed that it was 77 % of the wastes that were recycled. The least used operation was the re-refining of used oil (about 1 %).

Based on Export Data

Basel Recycling Operations	Amount (in mt.)	%
R1 (Energy)	255 977	8
R2, R3 and R6 (Solvents, organics, acids, bases)	972 418	29
R4, R5 and R8 (metals, inorganics, catalysts)	1 699 400	50
R7, R10, R11, R12 and R13 (residual materials)	138 074	4
R9 (re-refining of used oil)	31 659	1
Total mixed Rs	285 436	8
Total Amount Subjected to Recycling Operations	3 382 964	100

Based on Import Data

Basel Recycling Operations	Amount (in mt.)	%
R1 (Energy)	77 313	3
R2, R3 and R6 (Solvents, organics, acids, bases)	155 463	6
R4, R5 and R8 (metals, inorganics, catalysts)	2 160 125	77
R7, R10, R11, R12 and R13 (residual materials)	156 378	6
R9 (re-refining of used oil)	37 373	1
Total mixed Rs	187 197	7
Total Amount Subjected to Recycling Operations	2 773 850	100



Source: Secretariat of the Basel Convention (data as reported by the Parties)

Disclaimer: Due to variations in national reporting, these figures are not directly comparable and should be used with caution.

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