Figure 1: Generation of Hazardous Wastes and Other Wastes in 2002

The sum of the wastes generated under Art. 1 (1)a (Annex I: Y1-Y45) and under Art. 1 (1)b does not match the total amount of hazardous wastes generated. Some Parties do not provide the amounts separately for wastes generated under Art. 1 (1)a (Annex I: Y1-Y45) and Art. 1 (1)b, instead they provide only the total amount of hazardous wastes generated.

The sum of the wastes generated under Y46 and under Y47 does not match the total amount of other wastes generated. Some Parties do not provide the amounts separately for wastes generated under Y46 and Y47, instead they provide only the total amount of other wastes generated.
Figure 2: Generation of Hazardous Wastes by Y1-Y18 categories in 2002

Million metric tons

Figures < 10,000 metric tons are not included (Y14 and Y15).
Figures > 1,500,000 metric tons are not included (Y9 and Y18).
For figures refer to Table 2b: Generation of Hazardous Wastes and Other Wastes by Y-codes in 2002 (as reported by Parties).
Mixed Y wastes not included. Amount of mixed Y12, Y13 generated: 3,193 metric tons.
Figure 3: Generation of Hazardous Wastes by Y19-Y45 categories in 2002

Figures < 10,000 metric tons are not included (Y19, Y20, Y24, Y25, Y27, Y28, Y30, Y38, Y40, Y43 and Y44).
For figures refer to Table 2b: Generation of Hazardous Wastes and Other Wastes by Y-codes in 2002 (as reported by Parties).
Mixed Y wastes not included. Amount of mixed Y24,Y26,Y27,Y29,Y31,Y33,Y38 generated: 6,216,325 metric tons.

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 4: Transboundary Movements of Hazardous Wastes and Other Wastes among all reporting Parties in 2002

Y1-Y18: Waste streams
Y19-Y45: Wastes having as constituents
Art. 1(1)b: Wastes considered as hazardous by domestic legislation
Y46-Y47: Wastes requiring special consideration

Million metric tons

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch

Annex VIII wastes not included: exported amount: 6,957 metric tons; imported amount: 9,915 metric tons.
Figure 5: Transboundary Movements of Hazardous Wastes and Other Wastes for Disposal among all reporting Parties in 2002

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 6: Transboundary Movements of Hazardous Wastes and Other Wastes for *Recycling* among all reporting Parties in 2002

- **R1**: energy
- **R2**, **R3**, **R6**: solvents, organics, acids, bases
- **R4**, **R5**, **R8**: metals, inorganics, catalysts
- **R9**: re-refining of used oil

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Export</th>
<th>Import</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R1</strong></td>
<td>energy</td>
<td>0.0</td>
<td>0.3</td>
</tr>
<tr>
<td><strong>R2,</strong> <strong>R3,</strong> <strong>R6</strong></td>
<td>solvents, organics, acids, bases</td>
<td>0.3</td>
<td>0.6</td>
</tr>
<tr>
<td><strong>R4,</strong> <strong>R5,</strong> <strong>R8</strong></td>
<td>metals, inorganics, catalysts</td>
<td>2.1</td>
<td>2.4</td>
</tr>
<tr>
<td><strong>R7,</strong> <strong>R10,</strong> <strong>R11,</strong> <strong>R12,</strong> <strong>R13</strong></td>
<td>residual materials</td>
<td>0.9</td>
<td>1.2</td>
</tr>
<tr>
<td><strong>R9</strong></td>
<td>re-refining of used oil</td>
<td>0.6</td>
<td>0.9</td>
</tr>
<tr>
<td><strong>Mixed Rs</strong></td>
<td></td>
<td>0.3</td>
<td>0.6</td>
</tr>
<tr>
<td><strong>Unspecified R</strong></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Total amount exported for recycling: 5,409,963 metric tons

Total amount imported for recycling: 5,235,759 metric tons

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 7: Transboundary Movements of Hazardous Wastes and Other Wastes

by Operation among all reporting Parties in 2002

Export
Import

Total amount exported: 6,797,341 metric tons
Total amount imported: 6,316,148 metric tons
Figure 8: Transboundary Movements of Hazardous Wastes and Other Wastes among non-OECD reporting Parties in 2002

Y1-Y18: Waste streams  
Y19-Y45: Wastes having as constituents  
Art. 1(1)b: Wastes considered as hazardous by domestic legislation  
Y46-Y47: Wastes requiring special consideration

There was no export or no import of Y46-Y47 (wastes requiring special consideration). Export of Annex VIII wastes: 92 metric tons. There was no import of Annex VIII wastes. There was no export and no import of wastes without Y-codes. There was no export of mixed wastes. Import of mixed wastes: 40 metric tons.

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 9: Transboundary Movements of Hazardous Wastes and Other Wastes for Recycling among non-OECD reporting Parties in 2002

<table>
<thead>
<tr>
<th>R1: energy</th>
<th>R2, R3, R6: solvents, organics, acids, bases</th>
<th>R4, R5, R8: metals, inorganics, catalysts</th>
<th>R7, R10, R11, R12, R13: residual materials</th>
<th>R9: re-refining of used oil</th>
</tr>
</thead>
</table>

**Export**

- R2, R3, R6: solvents, organics, acids, bases
- R4, R5, R8: metals, inorganics, catalysts
- R7, R10, R11, R12, R13: residual materials

**Import**

- R9: re-refining of used oil

There was no export and no import for R1 operation.
Export for R9 operation: 92 metric tons.
There was no export for mixed Rs operations. Import for mixed Rs operations: 5 metric tons.
Export for unspecified Rs operations: 98 metric tons. Import for unspecified Rs operations: 413 metric tons.

<table>
<thead>
<tr>
<th>Million metric tonnes</th>
<th>Total amount exported: 221,374 metric tons</th>
<th>Total amount imported: 478,758 metric tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>R2, R3, R6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R4, R5, R8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R7, R10, R11, R12, R13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 10: Transboundary Movements of Hazardous Wastes and Other Wastes by Operation among non-OECD reporting Parties in 2002

Export
Import

There was no export for disposal operations. Import for disposal operations: 40 metric tons.
Figure 11: Transboundary Movements of Hazardous Wastes and Other Wastes among OECD reporting Parties in 2002

Y1-Y18: Waste streams  |  Art. 1(1)b: Wastes considered as hazardous by domestic legislation
Y19-Y45: Wastes having as constituents  |  Y46-Y47: Wastes requiring special consideration

Million metric tons

- Total amount exported: 6,481,009 metric tons
- Total amount imported: 5,705,503 metric tons

Annex VIII wastes not included: exported amount: 6,655 metric tons; imported amount: 9,915 metric tons.
Figure 12: Transboundary Movements of Hazardous Wastes and Other Wastes for *Disposal* among OECD reporting Parties in 2002

- D1, D2, D4: landfill, land treatment
- D3, D12: underground storage
- D5: specially engineered landfill
- D8: biological treatment
- D9: physico chemical treatment
- D10: incineration
- D13, D14, D15: blending, repackaging, interim storage
- D1, D2, D4, D3, D12, D5, D8, D9, D10, D13, D14, D15, Mixed Ds

Unspecified D operations not included: export for unspecified D operations: 697 metric tons; import for unspecified D operations: 1 metric ton.

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 13: Transboundary Movements of Hazardous Wastes and Other Wastes for *Recycling* among OECD reporting Parties in 2002

R1: energy
R2, R3, R6: solvents, organics, acids, bases
R4, R5, R8: metals, inorganics, catalysts
R7, R10, R11, R12, R13: residual materials
R9: re-refining of used oil

**Export**
R2, R3, R6
R4, R5, R8
R7, R10, R11, R12, R13
R9
Unspecified R

**Import**
R1
Mixed Rs

Total amount exported for recycling: 5,141,463 metric tons
Total amount imported for recycling: 4,643,598 metric tons

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 14: Transboundary Movements of Hazardous Wastes and Other Wastes by Operation among OECD reporting Parties in 2002

Total amount exported: 6,481,009 metric tons
Total amount imported: 5,705,503 metric tons
Figure 15: Transboundary Movements of Hazardous Wastes and Other Wastes from non-OECD to OECD reporting Parties in 2002

Y1-Y18: Waste streams
Y19-Y45: Wastes having as constituents
Art. 1(1)b: Wastes considered hazardous by domestic legislation
Y46-Y47: Wastes requiring special consideration

Million metric tons

Total amount exported: 79,583 metric tons
Total amount imported: 55,040 metric tons

Annex VIII wastes not included: exported amount: 211 metric tons. There was no import of Annex VIII wastes. Wastes without Y-codes not included: export of wastes without Y-codes: 28 metric tons. There was no import of wastes without Y-codes. There was no import of Y46-Y47 wastes.
Figure 16: Transboundary Movements of Hazardous Wastes and Other Wastes for *Disposal* from non-OECD to OECD reporting Parties in 2002

D1, D2, D4: landfill, land treatment  
D3, D12: underground storage  
D5: specially engineered landfill  
D8: biological treatment  
D9: physico chemical treatment  
D10: incineration  
D13, D14, D15: blending, repackaging, interim storage

Export

Import

Total amount exported for disposal: 47,832 metric tons  
Total amount imported for disposal: 18,444 metric tons

Million metric tons

D3 and D12 operations not included: export for D3 and D12 operations: 15 metric tons; import for D3 and D12 operations: 15 metric tons. There was no import for D5 operations. There was no export for D13, D145, D15 operations. There was no import for mixed D operations. There was no export and import for unspecified D operations.

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.

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Figure 17: Transboundary Movements of Hazardous Wastes and Other Wastes for Recycling from non-OECD to OECD reporting Parties in 2002

R1: energy
R2, R3, R6: solvents, organics, acids, bases
R4, R5, R8: metals, inorganics, catalysts
R7, R10, R11, R12, R13: residual materials
R9: re-refining of used oil

Export
Import

There was no export for R2, R3, R6 and R7, R10, R11, R13 operations. There was no import for R9 and for Unspecified R operations.
Figure 18: Transboundary Movements of Hazardous Wastes and Other Wastes by Operation from non-OECD to OECD reporting Parties in 2002

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 19: Transboundary Movements of Hazardous Wastes and Other Wastes from OECD to non-OECD reporting Parties in 2002

Y1-Y18: Waste streams
Y19-Y45: Wastes having as constituents
Art. 1(1)b: Wastes considered as hazardous by domestic legislation
Y46-Y47: Wastes requiring special consideration

Export
Import

Million metric tons

There was no export of Art. 1(1)b wastes. Export of wastes without Y-codes not included: 20 metric tons. There was no import of wastes without Y-codes. There was no export and no import of mixed Y- wastes.

Total amount exported: 15,376 metric tons
Total amount imported: 76,808 metric tons

Source: Secretariat of the Basel Convention (data as reported by Parties).
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.
http://www.basel.int/
Email: sbc@unep.ch
Figure 20: Transboundary Movements of Hazardous Wastes and Other Wastes for *Recycling* from OECD to non-OECD reporting Parties in 2002

R1: energy  
R2, R3, R6: solvents, organics, acids, bases  
R4, R5, R8: metals, inorganics, catalysts  
R7, R10, R11, R12, R13: residual materials  
R9: re-refining of used oil

<table>
<thead>
<tr>
<th>Million metric tons</th>
<th>Total amount exported for recycling: 15,376 metric tons</th>
<th>Total amount imported for recycling: 76,808 metric tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>[Bar chart showing export]</td>
<td></td>
</tr>
<tr>
<td>R2, R3, R6</td>
<td>[Bar chart showing import]</td>
<td></td>
</tr>
<tr>
<td>R4, R5, R8</td>
<td>[Bar chart showing import]</td>
<td></td>
</tr>
</tbody>
</table>

There was no export and no import for R7, R10, R11, R12, R13 operations; for R9 operations; for mixed Rs operations; and for unspecified R operations.

Source: Secretariat of the Basel Convention (data as reported by Parties).  
Disclaimer: Due to variation in national reporting, these figures are not directly comparable and should be used with caution.  
http://www.basel.int/  
Email: sbc@unep.ch
Figure 21: Transboundary Movements of Hazardous Wastes and Other Wastes by Operation from OECD to non-OECD reporting Parties in 2002

There was no export and no import for disposal operations.