



WASTE FROM ECONOMIC ACTIVITY FOR 2023

In 2023, the total waste generated was 94 238 564 tons (0.51% increase compared to 2022, when it was 93 762 412 tons). The non-hazardous waste was 78 275 339 tons or 83% and the hazardous waste was 15 963 225 tons or 17%.

The largest amount of total waste generated in 2023 - 79 491 036 (tons), was Mineral wastes. In second place were the Combustion wastes - in 2023 the amount was 7 092 548 (tons), and the least amount of metal waste generated was 9 tons of hazardous metal wastes.

In 2023, most waste was generated in the 'Mining and quarrying' section - 75 907 138 tons, or 81% of the total waste generated in the country. In second place was the section 'Electricity, gas, steam and air conditioning supply' - 5 544 831 tons or 6%, and in third place - 'Manufacturing' section - 4 862 168 tons or 5%. The least waste was generated in the 'Services' sector - 983 392 tons or 1.04%.

The most waste handed over for disposal in 2023 was from combustion processes - 4 202 424 tons, and most exported from the country was the metal waste - 143 466 tons.

Methodological notes

The main objective of the statistical survey is to provide information to all stakeholders and the public about the generation, recovery and disposal of waste from economic activity in accordance with the requirements of the Regulation (EC) No. 2150/2002 on waste statistics.

In order to monitor the implementation of the waste policy, the European Community requires regular community statistics on the production and management of waste from businesses and households. This creates the basis for the control of compliance with the principles of maximizing the recovery and safe disposal. Statistical tools are needed to assess compliance with the principle of waste prevention and to establish a link between waste generation data and world, national and regional resource use catalogues. The statistical survey 'Waste from economic activity' was created and is conducted with the aim of satisfying the needs of statistical data on waste at the European and national level. The statistics collected allow the implementation of EU waste policy to be monitored and evaluated.

The statistical data on generated and treated waste, obtained as a result of the statistical survey, are used in the reporting under the Regulation (EC) No. 2150/2002 on waste statistics to the EC - DG Eurostat. The data are published annually, according to the Release

Calendar, on the NSI website for public information. They are also provided to various institutions or organizations in the country for evaluations and analyses.

Data series can be found on NSI's website: www.nsi.bg, section Enviroment/Data.

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Annex

Table 1

GENERATED INDUSTRIAL AND HAZARDOUS WASTE BY ECONOMIC ACTIVITIES TOTAL FOR THE COUNTRY

(Tons)

| NACE - 2008 | | | 2023 | | | |
|------------------------------------|--|-------------------|-----------------|---------------------|---------------------|-----------------------------|
| Sector - code | Sector | Economic Activity | Generated waste | Passed for recovery | Passed for disposal | Exported out of the country |
| Non-Hazardous waste - total | | | 78275339 | 5391252 | 5301190 | 393466 |
| A | Agriculture, hunting and forestry. Fishing and aquaculture | (01-03) | 968737 | 423856 | 8971 | 15 |
| B | Mining and quarrying | (05-09) | 60341664 | 49275 | 747 | - |
| C | Manufacturing | (10-33) | 4527279 | 916249 | 115911 | 25361 |
| D | Electricity, gas, steam and air conditioning supply | (35) | 5542396 | 768000 | 4183135 | 1562 |
| E | Water collection, treatment and supply. Sewerage. Remediation activities and other waste management services | (36-39) | 3465668 | 1104736 | 347639 | 114181 |
| | Water collection, treatment and supply | 36 | 271840 | 68133 | 41543 | - |
| | Sewerage | 37 | 26 | 14 | - | - |
| | Waste collection, treatment and disposal activities; materials recovery | 38 | 3102172 | 1019289 | 245457 | 114181 |
| | Remediation activities and other waste management services | 39 | 91631 | 17300 | 60639 | - |
| F | Construction | (41-43) | 2475413 | 476577 | 235926 | 37494 |
| G-U | Services (excl. wholesale of waste and scrap) | (45-99) | 954181 | 547824 | 61221 | 100674 |
| Hazardous waste - total | | | 15963225 | 83583 | 38565 | 5281 |
| A | Agriculture, hunting and forestry. Fishing and aquaculture | (01-03) | 2103 | 873 | 894 | 10 |
| B | Mining and quarrying | (05-09) | 15565474 | 651 | 502 | - |
| C | Manufacturing | (10-33) | 334889 | 43397 | 19635 | 5249 |
| D | Electricity, gas, steam and air conditioning supply | (35) | 2435 | 1209 | 6 | - |
| E | Water collection, treatment and supply. Sewerage. Remediation activities and other waste management services | (36-39) | 23461 | 11684 | 5054 | 10 |
| | Water collection, treatment and supply | 36 | 324 | 33 | 6 | - |

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Table 1

GENERATED INDUSTRIAL AND HAZARDOUS WASTE BY ECONOMIC ACTIVITIES TOTAL FOR THE COUNTRY

(Continue and end)

(Tons)

| NACE - 2008 | | | 2023 | | | |
|---------------|---|-------------------|-----------------|---------------------|---------------------|-----------------------------|
| Sector - code | Sector | Economic Activity | Generated waste | Passed for recovery | Passed for disposal | Exported out of the country |
| | Sewerage | 37 | - | - | - | - |
| | Waste collection, treatment and disposal activities; materials recovery | 38 | 19499 | 8698 | 5040 | 10 |
| | Remediation activities and other waste management services | 39 | 3639 | 2954 | 9 | - |
| F | Construction | (41-43) | 5652 | 1163 | 1866 | - |
| G-U | Services (excl. wholesale of waste and scrap) | (45-99) | 29211 | 12923 | 5555 | 2 |

'-' - no case.

Table 2

GENERATED INDUSTRIAL AND HAZARDOUS WASTE BY TYPE TOTAL FOR THE COUNTRY

(Tons)

| Type of waste | 2023 | | | |
|--|-----------------|---------------------|---------------------|-----------------------------|
| | Generated waste | Passed for recovery | Passed for disposal | Exported out of the country |
| Total hazardous and non-hazardous waste generated | 94238564 | 4358415 | 4987062 | 284556 |
| Non-Hazardous waste | 78275339 | 4286516 | 4953551 | 279285 |
| Acid, alkaline or saline wastes | 613 | 80 | 100 | - |
| Spent chemical catalysts | 324 | 46 | - | 144 |
| Chemical preparation wastes | 2861 | 963 | 676 | 0 |
| Chemical deposits and residues | 42228 | 4356 | 1834 | - |
| Industrial effluent sludges | 348661 | 10642 | 2757 | - |
| Health care and biological wastes | 4616 | 725 | 2726 | 26 |
| Metallic wastes | 1312177 | 615622 | 9647 | 143466 |
| Glass wastes | 421343 | 158871 | 99 | 491 |
| Paper and cardboard wastes | 466035 | 233880 | 5845 | 77625 |
| Rubber wastes | 36603 | 32260 | 538 | 12 |
| Plastic wastes | 320557 | 212303 | 5676 | 2219 |
| Wood wastes | 408842 | 120908 | 2359 | 245 |
| Textile wastes | 28912 | 15111 | 4135 | 749 |
| Discarded equipment | 40089 | 15078 | 1271 | 5370 |

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Table 2

GENERATED INDUSTRIAL AND HAZARDOUS WASTE BY TYPE TOTAL FOR THE COUNTRY

(Continue and end)

(Tons)

| Type of waste | 2023 | | | |
|--|-----------------|---------------------|---------------------|-----------------------------|
| | Generated waste | Passed for recovery | Passed for disposal | Exported out of the country |
| Discarded vehicles | 7375 | 2918 | 3 | - |
| Batteries and accumulators wastes | 320 | 70 | 23 | 1 |
| Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure) | 433923 | 99113 | 12343 | 4853 |
| Animal waste of food preparation and products | 20492 | 4643 | 9424 | 1918 |
| Animal faeces, urine and manure | 846442 | 412606 | 4314 | - |
| Household and similar wastes | 160492 | 25774 | 23765 | 219 |
| Mixed and undifferentiated materials | 20445 | 8385 | 6474 | 6 |
| Sorting residues | 1725695 | 298131 | 332858 | 938 |
| Common sludges (excluding dredging spoils) | 279350 | 75051 | 11975 | 5 |
| Dredging spoils | 451541 | 151860 | 59856 | 36456 |
| Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils) | 63891830 | 631102 | 263723 | 297 |
| Combustion waste | 6997165 | 1154873 | 4191130 | 4245 |
| Solidified, stabilised or vitrified waste | 6407 | 1144 | - | - |
| Non-Hazardous waste | 15963225 | 71899 | 33511 | 5271 |
| Spent solvents | 187 | 113 | 31 | - |
| Acid, alkaline or saline wastes | 29242 | 1188 | 39 | 656 |
| Used oils | 22959 | 16767 | 931 | 17 |
| Spent chemical catalysts | 4725 | 0 | - | 4492 |
| Chemical preparation wastes | 5320 | 3204 | 689 | 16 |
| Chemical deposits and residues | 18794 | 13522 | 1591 | - |
| Industrial effluent sludges | 110090 | 7379 | 9516 | 49 |
| Health care and biooalcal wastes | 9551 | 410 | 5433 | - |
| Metallic wastes | 9 | 7 | - | - |
| Glass wastes | 133 | 101 | - | - |
| Wood wastes | 194 | 129 | 1 | - |
| Waste containing PCB | 65 | 11 | 17 | 3 |
| Discarded equipment | 1891 | 1037 | 24 | - |
| Discarded vehicles | 6835 | 3200 | 48 | - |
| Batteries and accumulators wastes | 6637 | 3636 | 35 | 1 |
| Mixed and undifferentiated materials | 875 | 698 | 62 | - |
| Sorting residues | 49923 | 4739 | 1890 | 37 |
| Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils) | 15599206 | 1401 | 1553 | - |
| Combustion wastes | 95383 | 14108 | 11294 | - |
| Contaminated soils and polluted dredging spoils | 1205 | 250 | 355 | - |
| Solidified, stabilised or vitrified wastes | - | - | - | - |

'-' - no case.

Figure 1. Waste generated from economic activity „Mln. tons“

