

National Packaging Waste Database

Summary of Portable Batteries Data for the 2023 Compliance Period - as at 26 June 2024

Data Summary

The UK collection rate is calculated from the weight of waste portable batteries for which schemes supply battery evidence notes in 2023. Evidence can be issued by ABTOs and ABEs on all waste portable batteries received for treatment/export in 2023. The UK has met the 2023 collection rate target, with a collection rate of 45.50%

UK Collection Rate Target for 2023 - 45%

Number of UK Scheme Members in 2023 - 627

Portable Batteries Placed on the UK Market in 2023 - 39,977.760 tonnes

The UK target collection tonnage for 2023 is 45% of the average annual amount of portable batteries placed on the UK market by scheme members and small producers in 2021, 2022 and 2023.

Average Amount of Portable Batteries Placed on the UK Market by Scheme Members and Small Producers in 2021, 2022 and 2023 - 41,684.065 tonnes

UK Obligation for 2023 - 18,757.829 tonnes

Tonnage of Waste Portable Batteries Collected in the UK in 2023 - 19,085.160 tonnes

Tonnage of Waste Portable Batteries Delivered for Treatment in the UK in 2023 - 18,966.671 tonnes

Tonnage of Waste Portable Batteries Evidence Notes Accepted for 2023 - 18,966.669 tonnes

UK Collection Rate for 2023 - 45.50%

Section 1 - Portable Batteries Placed on the Market Data

Table 1a - Portable Batteries Placed on the Market in 2023 by Compliance Scheme Members per Quarter (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	300.150	322.096	348.268	363.415	1,333.929
Ni-Cd	82.699	77.937	58.634	33.804	253.074
Other	7,835.831	7,773.740	9,083.865	13,697.322	38,390.757
Total	8,218.680	8,173.773	9,490.766	14,094.541	39,977.760

Table 1b - Portable Batteries Placed on the Market in 2023 by Compliance Scheme Members and Small Producers (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack PLC	178.117	193.872	14,135.344	14,507.333
Valpak Batteries Ltd	416.095	17.759	2,739.550	3,173.404
ERP UK Ltd	195.932	13.993	10,818.085	11,028.010
REPIC Ltd	129.545	9.659	1,379.521	1,518.725
Valpak Ltd	414.240	17.791	9,318.257	9,750.288
Sub Total	1,333.929	253.074	38,390.757	39,977.760
Small Producers	11.196	3.977	132.052	147.225
Total	1,345.125	257.051	38,522.809	40,124.985

Table 2a - Portable Batteries Placed on the UK Market in 2022 by 2023 - Registered Scheme Members and Small Producers (tonnes)

	2022 Market Data by Scheme Members	2022 Market Data by Small Producers	Total
Pb / acid	1,368.544	10.316	1,378.860
Ni-Cd	313.870	4.978	318.848
Other	39,034.528	136.780	39,171.308
Total	40,716.942	152.074	40,869.016

Table 2b - Portable Batteries Placed on the UK Market in 2021 by 2023 - Registered Scheme Members and Small Producers (tonnes)

	2021 Market Data by Scheme Members	2021 Market Data by Small Producers	Total
Pb / acid	1,531.365	12.562	1,543.927
Ni-Cd	371.144	9.549	380.693
Other	41,999.012	134.562	42,133.574
Total	43,901.521	156.673	44,058.194

Notes:

Battery Compliance Schemes' obligations are based on the average amount of portable batteries placed on the UK market in 2021, 2022 and 2023 by their scheme members only, schemes were therefore obligated to obtain a set proportion of evidence in 2023. Previously reported data can change as a result of resubmitted data returns either for new scheme members or to correct errors.

Section 2 - Waste Portable Batteries Data

Table 3a - Waste Portable Batteries collected by Battery Compliance Schemes reported in 2023 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,034.302	3,168.874	2,681.326	3,335.135	12,219.637
Ni-Cd	187.079	148.137	96.635	52.325	484.176
Other	1,967.795	1,851.708	1,617.916	943.928	6,381.347
Total	5,189.176	5,168.719	4,395.877	4,331.388	19,085.160

Table 3b - Waste Portable Batteries Collected by each Battery Compliance Scheme in 2023 (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack PLC	4,988.114	62.183	2,167.899	7,218.196
Valpak Batteries Ltd	1,001.905	38.866	545.408	1,586.179
ERP UK Ltd	3,689.284	122.122	810.722	4,622.128
REPIC Ltd	15.172	58.659	1,025.076	1,098.907
Valpak Ltd	2,525.162	202.346	1,832.242	4,559.750
Total	12,219.637	484.176	6,381.347	19,085.160

Table 4 - Waste Portable Batteries Delivered by Battery Compliance Schemes to Approved Battery Treatment Operators and Approved Battery Exporters reported in 2023 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,033.029	3,169.404	2,683.114	3,333.914	12,219.461
Ni-Cd	182.334	143.829	104.504	48.811	479.478
Other	1,879.805	1,803.702	1,738.577	845.648	6,267.732
Total	5,095.168	5,116.935	4,526.195	4,228.373	18,966.671

Table 5 - Waste Portable Batteries Received by Approved Battery Treatment Operators and Approved Battery Exporters from Battery Compliance Schemes reported in 2023 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,033.029	3,169.404	2,683.114	3,333.914	12,219.461
Ni-Cd	182.334	143.829	104.504	48.811	479.478
Other	1,879.804	1,803.702	1,738.577	845.648	6,267.731
Total	5,095.167	5,116.935	4,526.195	4,228.373	18,966.670