

National Packaging Waste Database

Summary of Portable Batteries Data for the 2022 Compliance Period - as at 21 June 2023

Data Summary

The UK collection rate is calculated from the weight of waste portable batteries for which schemes supply battery evidence notes in 2022 Evidence can be issued by ABTOs and ABEs on all waste portable batteries received for treatment/export in 2022. The UK has achieved its collection rate, with a rate of 45.01%.

UK Collection Rate Target for 2022 - 45%

Number of UK Scheme Members in 2022 - 609

Portable Batteries Placed on the UK Market in 2022 - 40,046.025 tonnes

The UK target collection tonnage for 2022 is 45% of the average annual amount of portable batteries placed on the UK market by scheme members and small producers in 2020, 2021 and 2022.

Average Amount of Portable Batteries Placed on the UK Market by Scheme Members and Small Producers in 2020, 2021 and 2022 - 41,400.616 tonnes

UK Obligation for 2022 - 18,630.277 tonnes

Tonnage of Waste Portable Batteries Collected in the UK in 2022 - 18,679.080 tonnes

Tonnage of Waste Portable Batteries Delivered for Treatment in the UK in 2022 - 18,636.153 tonnes

Tonnage of Waste Portable Batteries Evidence Notes Accepted for 2022 - 18,636.153 tonnes

UK Collection Rate for 2022 - 45.01%

Section 1 - Portable Batteries Placed on the Market Data

Table 1a - Portable Batteries Placed on the Market in 2022 by Compliance Scheme Members per Quarter (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	326.999	298.228	344.923	380.575	1,350.725
Ni-Cd	50.863	55.009	40.765	44.128	190.765
Other	8,862.270	7,316.383	8,361.518	13,964.364	38,504.535
Total	9,240.132	7,669.620	8,747.206	14,389.067	40,046.025

Table 1b - Portable Batteries Placed on the Market in 2022 by Compliance Scheme Members and Small Producers (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack	248.267	88.279	12,895.099	13,231.645
ecosurety	380.085	29.643	4,221.623	4,631.351
ERP UK Ltd	192.591	25.566	12,807.188	13,025.345
REPIC eBatt	23.797	18.769	1,403.902	1,446.468
Valpak Ltd	505.985	28.508	7,176.723	7,711.216
Sub Total	1,350.725	190.765	38,504.535	40,046.025
Small Producers	7.927	3.986	109.467	121.380
Total	1,358.652	194.751	38,614.002	40,167.405

Table 2a - Portable Batteries Placed on the UK Market in 2021 by 2022-Registered Scheme Members and Small Producers (tonnes)

	2021 Market Data by Scheme Members	2021 Market Data by Small Producers	Total
Pb / acid	1,522.600	13.290	1,535.890
Ni-Cd	244.610	9.406	254.016
Other	41,906.145	130.700	42,036.845
Total	43,673.355	153.396	43,826.751

Table 2b - Portable Batteries Placed on the UK Market in 2020 by 2022 - Registered Scheme Members and Small Producers (tonnes)

	2020 Market Data by Scheme Members	2020 Market Data by Small Producers	Total
Pb / acid	1,484.315	11.950	1,496.265
Ni-Cd	185.517	9.720	195.237
Other	38,382.577	133.615	38,516.192
Total	40,052.408	155.285	40,207.693

Notes:

Battery Compliance Schemes' obligations are based on the average amount of portable batteries placed on the UK market in 2020, 2021 and 2022 by their scheme members only, schemes were therefore obligated to obtain a set proportion of evidence in 2022. 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 2022 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,968.732	3,367.404	2,923.360	3,134.623	13,394.119
Ni-Cd	138.155	137.958	348.551	168.817	793.481
Other	1,644.971	893.807	714.235	1,238.467	4,491.480
Total	5,751.858	4,399.169	3,986.146	4,541.907	18,679.080

Table 3b - Waste Portable Batteries Collected by each Battery Compliance Scheme in 2022 (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack	5,507.380	193.154	491.915	6,192.449
ecosurety	1,440.642	43.546	727.978	2,212.166
ERP UK Ltd	4,560.938	194.240	1,054.634	5,809.812
REPIC eBatt	208.865	44.485	477.262	730.612
Valpak Ltd	1,676.294	318.056	1,739.691	3,734.041
Total	13,394.119	793.481	4,491.480	18,679.080

Table 4 - Waste Portable Batteries Delivered by Battery Compliance Schemes to Approved Battery Treatment Operators and Approved Battery Exporters reported in 2022 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,971.156	3,367.497	2,921.795	3,132.392	13,392.840
Ni-Cd	145.563	138.365	342.872	163.562	790.362
Other	1,783.409	900.312	621.521	1,147.709	4,452.951
Total	5,900.128	4,406.174	3,886.188	4,443.663	18,636.153

Table 5 - Waste Portable Batteries Received by Approved Battery Treatment Operators and Approved Battery Exporters from Battery Compliance Schemes reported in 2022 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	4,268.405	2,980.221	2,844.373	3,268.784	13,361.783
Ni-Cd	145.563	172.765	342.872	148.431	809.631
Other	1,682.329	889.554	621.522	1,272.947	4,466.352
Total	6,096.297	4,042.540	3,808.767	4,690.162	18,637.766

Notes: