

National Packaging Waste Database

Summary of Portable Batteries Data for the 2021 Compliance Period - as at 29 June 2022

Data Summary

The UK collection rate is calculated from the weight of waste portable batteries for which schemes supply battery evidence notes in 2021. Evidence can be issued by ABTOs and ABEs on all waste portable batteries received for treatment/export in 2021. The collection rate target of 45% has been met at 45.89%

UK Collection Rate Target for 2021 - 45%

Number of UK Scheme Members in 2021 - 593

Portable Batteries Placed on the UK Market by scheme members in 2021 - 43,473.630 tonnes

The UK target collection tonnage for 2021 is 45% of the average annual amount of portable batteries placed on the UK market by scheme members and small producers in 2019, 2020 and 2021

Average Amount of Portable Batteries Placed on the UK Market by Scheme Members and Small Producers in 2019, 2020 and 2021 - 40,256.624 tonnes

UK Obligation for 2021 - 18,115.481 tonnes

Tonnage of Waste Portable Batteries Collected in the UK in 2021 - 18,292.238 tonnes

Tonnage of Waste Portable Batteries Delivered for Treatment in the UK in 2021 - 18,466.193 tonnes

Tonnage of Waste Portable Batteries Evidence Notes Accepted for 2021 - 18,466.193 tonnes

UK Collection Rate for 2021 - 45.89%

Section 1 - Portable Batteries Placed on the Market Data

Table 1a - Portable Batteries Placed on the Market in 2021 by Compliance Scheme Members per Quarter (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	291.655	332.250	362.664	372.094	1,358.663
Ni-Cd	44.149	46.429	36.724	61.841	189.143
Other	9,174.338	8,177.301	10,150.164	14,424.021	41,925.824
Total	9,510.142	8,555.980	10,549.552	14,857.956	43,473.630

Table 1b - Portable Batteries Placed on the Market in 2021 by Compliance Scheme Members and Small Producers (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack	247.678	74.950	13,682.602	14,005.230
ecosurety	440.395	34.908	5,247.259	5,722.562
ERP UK Ltd	144.611	27.287	13,012.580	13,184.478
REPIC eBatt	104.300	16.732	1,756.091	1,877.123
Valpak Ltd	421.679	35.266	8,227.292	8,684.237
Sub Total	1,358.663	189.143	41,925.824	43,473.630
Small Producers	10.793	8.204	125.937	144.934
Total	1,369.456	197.347	42,051.761	43,618.564

Table 2a - Portable Batteries Placed on the UK Market in 2020 by 2021 - Registered Scheme Members and Small Producers (tonnes)

	2020 Market Data by Scheme Members	2020 Market Data by Small Producers	Total
Pb / acid	1,364.257	10.787	1,375.044
Ni-Cd	162.573	7.995	170.568
Other	38,699.174	123.004	38,822.178
Total	40,226.003	141.786	40,367.789

Table 2b - Portable Batteries Placed on the UK Market in 2019 by 2021 - Registered Scheme Members and Small Producers (tonnes)

	2019 Market Data by Scheme Members	2019 Market Data by Small Producers	Total
Pb / acid	1,250.034	12.381	1,262.415
Ni-Cd	214.932	11.018	225.950

Other	34,825.424	154.105	34,979.529
Total	36,290.390	177.504	36,467.894

Notes:

Battery Compliance Schemes' obligations are based on the average amount of portable batteries placed on the UK market in 2019, 2020 and 2021 by their scheme members only, schemes were therefore obligated to obtain a set proportion of evidence in 2021. 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 2021 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,710.448	3,801.537	3,627.830	2,961.323	14,101.138
Ni-Cd	91.143	67.633	118.247	47.063	324.086
Other	1,081.197	1,083.996	1,213.846	487.975	3,867.014
Total	4,882.788	4,953.166	4,959.923	3,496.361	18,292.238

Table 3b - Waste Portable Batteries Collected by each Battery Compliance Scheme in 2021 (tonnes)

	Pb / acid	Ni-Cd	Other	Total
BatteryBack	6,404.171	15.000	44.152	6,463.323
ecosurety	1,008.972	66.593	663.540	1,739.105
ERP UK Ltd	4,414.857	57.980	1,144.761	5,617.598
REPIC eBatt	276.617	70.009	428.388	775.014
Valpak Ltd	1,996.521	114.504	1,586.173	3,697.198
Total	14,101.138	324.086	3,867.014	18,292.238

Table 4 - Waste Portable Batteries Delivered by Battery Compliance Schemes to Approved Battery Treatment Operators and Approved Battery Exporters reported in 2021 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,706.787	3,806.056	3,625.895	2,960.121	14,098.859
Ni-Cd	88.677	87.524	114.737	42.099	333.037
Other	1,121.802	1,401.978	1,114.781	395.736	4,034.297
Total	4,917.266	5,295.558	4,855.413	3,397.956	18,466.193

Table 5 - Waste Portable Batteries Received by Approved Battery Treatment Operators and Approved Battery Exporters from Battery Compliance Schemes reported in 2021 (tonnes)

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Pb / acid	3,706.788	3,805.912	3,626.038	2,960.121	14,098.859
Ni-Cd	88.677	87.488	114.827	42.099	333.091
Other	1,121.801	1,402.159	1,114.550	395.736	4,034.246
Total	4,917.266	5,295.559	4,855.415	3,397.956	18,466.196

Notes: Scheme collected and delivered figures don't always match as batteries collected are not always delivered straight away, resulting in carry-over.