

OR Annual report 2021

Appendices



Waste classification



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Cover photo: Gretar Ívarsson

Classification of waste 2018-2021

Waste categories 2018-2021

Category	Unit	2018	2019	2020	2021
General waste	kg	72,000	73,800	56,500	62,600
Bulk waste	kg	73,000	60,500	65,200	36,880
Asbestos	kg	323,000	196,000	554,000	135,000
Sludge (sewage)	kg	852,000	829,000	976,900	581,900
Total for landfilling	kg	1,320,000	1,159,300	1,652,600	816,380
Green bin	kg	7,070	8,000	5,150	4,570
Metals	kg	179,900	249,900	157,440	182,470
Timber - unpainted	kg	19,500	24,900	33,600	23,490
Timber - painted	kg	34,700	33,800	45,300	26,900
Glass and minerals	kg	39,300	7,200	55,900	106,870
Tyres	kg	-	500	-	-
Plastics	kg	6,700	20,520	17,400	15,380
Corrugated cardboard	kg	17,700	26,300	20,200	20,580
Mixed cardboard and paper	kg	460	630	1,530	1,260
Office paper	kg	1,000	1,000	370	370
Newspapers and magazines	kg	850	850	170	120
Organic	kg	27,000	37,200	23,700	25,840
Total for recycling	kg	334,180	410,800	360,760	407,850
Unknown substances	kg	10	750	1,260	4,215
Light bulbs	kg	1,100	970	420	845
Batteries	kg	130	50	50	780
Car batteries	kg	1,800	8,550	9,000	10,290
Electronic equipment	kg	1,800	2,910	3,300	8,400
Paint and print waste	kg	180	120	350	360
Oil and oil contaminated waste	kg	1,200	1,120	1,240	4,930
Solvents	kg	40	-	10	10
Organic pollutants	kg	140	330	40	4,385
Plaster	kg	-	600	-	1,000
Total hazardous waste	kg	6,400	15,400	15,670	35,215
Total waste	kg	1,660,580	1,585,500	2,029,030	1,259,445
Earthmoving*	tons	7,000	no data	no data	no data
Asphalt	tons	1,200	1,545	1,500	1,980

* When calculating the weight of earthmoving due to constructions it is assumed that every m³ contains 2,000 kg³

Classification of waste by worksites and municipalities 2021

Category	Unit	Reykjavik (Baejarh)*	Nesjavellir, municipality of Grimsnes- and Grafnings-hreppur	Hellisheidi, municipality of Olfus	Smaratorg 3 Kopavogur	Reykjavik (Baejarhals N-house)*	Reykjavik Ananaust sewage treatment	Reykjavik Klettagardar sewage treatment	Pumping stations in the capital area	Borgarbyggð sewage treatment plants	Akranes	Borgarnes and Stykkisholmur	Hveragerdi	Trips to Gama	OR and subsidiaries total
		OR	ON POWER		GR	VEITUR									
General waste*	kg	17,200	10,900	12,500	130	17,640		970			700	1,400	1,000	160	62,600
Bulk waste	kg	10,650	8,200	10,600	610	6,200						620			36,880
Asbestos	kg												135,000		135,000
Sludge (sewage)	kg		76,000	32,000			112,000	160,000	39,000	56,200		78,900	27,800		581,900
Total for landfilling	kg	27,850	95,100	55,100	740	23,840	112,000	160,970	39,000	56,200	700	80,920	163,800	160	816,380
Green bin	kg	3,330			30		230	410					570		4,570
Metals	kg	90	27,300	49,000		100,100						4,980		1,000	182,470
Timber - unpainted	kg			10,000		12,950								540	23,490
Timber - painted	kg		1,700			23,640						1,220		340	26,900
Glass and minerals	kg	30	13,300	12,600		75,420	3,600							1,920	106,870
Plastics	kg	4,500		2,600	300	7,000					90	890			15,380
Corrugated cardboard	kg	6,510	3,800	2,700	230	6,500						490	190	160	20,580
Mixed cardboard and paper	kg	520			200						330	210			1,260
Office paper	kg	220				150									370
Newspapers and magazines	kg	120													120
Organic	kg	19,500		4,800		1,070					160	240	70		25,840
Total for recycling	kg	34,820	46,100	81,700	760	226,830	3,830	410	0	0	580	8,030	830	3,960	407,850

Category	Unit	Reykjavik (Baejarh)*	Nesjavellir, municipality of Grimsnes- and Grafnings-hreppur	Hellisheidi, municipality of Olfus	Smaratorg 3 Kopavogur	Reykjavik (Baejarhals N-house)*	Reykjavik Ananaust sewage treatment	Reykjavik Klettagardar sewage treatment	Pumping stations in the capital area	Borgarbyggð sewage treatment plants	Akranes	Borgarnes and Stykkisholmur	Hveragerdi	Trips to Gama	OR and subsidiaries total
Unknown substances	kg	95		3,350				110						660	4,215
Light bulbs	kg	500		115		230									845
Batteries	kg	320		60		400									780
Car batteries	kg	1,000		215		9,000		55						20	10,290
Electronic equipment	kg	4,550		250		3,500								100	8,400
Paint and print waste	kg	110				240		10							360
Oil and oil contaminated waste	kg		105	3,150		1,305		50						320	4,930
Organic pollutants	kg	285	4,050	10		40									4,385
Solvents	kg					10									10
Plaster	Kg	1,000													1,000
Total hazardous waste	kg	6,860	4,155	7,150	0	14,725	0	225	0	0	0	0	0	1,100	35,215

* Office waste from ON Power's offices at Baejarhals included in OR's numbers.