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Delegations will find attached document SWD(2018) 468 final - Part 1/2.

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PART 1/2

COMMISSION STAFF WORKING DOCUMENT

Accompanying the document

**REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT AND
THE COUNCIL**

on the implementation of Regulation (EC) No 1013/2006 on shipments of waste

**Generation, treatment and transboundary shipment of hazardous waste and other waste
in the Member States of the European Union, 2013-2015;
exercise of the power to adopt delegated acts**

{COM(2018) 762 final}

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1.0 General Introduction

This working document to the Report from the Commission to the Council and the European Parliament contains information on the generation, treatment and transboundary shipment of hazardous waste and other waste in the Member States of the European Union (EU), 2013-2015.

The report is comprised of five sections and contains both quantitative and qualitative information on waste generation and treatment:

- **Section A:** Provides a quantitative outline of Member States' waste transactions. This information was provided by Member States in their responses to the Basel Convention Implementation Questionnaire;
- **Section B:** Summarises Member States' provisions regarding waste management in line with the Basel Convention. This information was provided by Member States in their responses to the Basel Convention Implementation Questionnaire;
- **Section C:** Provides an up-to-date list of the Competent Authorities to the Basel Convention. This information was provided by Member States in their responses to the Basel Convention Implementation Questionnaire;
- **Section D:** Provides a list of the Y-codes for waste according to the Basel Convention; and
- **Section E:** Summarises Member States' provisions regarding waste management in line with the Waste Shipment Regulation. This information was provided by Member States in their responses to the Waste Shipment Regulation Implementation Questionnaire.

A summary of the state of reporting for the Basel Convention Implementation Questionnaire in regards to Article 51(1) of the Waste Shipment Regulation (WSR), and the WSR Implementation Questionnaire in regards to Article 51(2) of the WSR for the years 2013-2015 is shown in Table 1-1.

For practical reasons, the report does not differentiate between direct quotes from the Member States' replies and other re-phrased or shortened passages. The original replies from the Member States constitute the only "authentic" document submitted by the Member States.

It should be noted that the Basel Convention uses the terms "import" and "export" for every shipment into and out of a country that is Party to the Convention. Under EU law these terms apply only to shipments into and out of the EU as a whole. However, for the sake of readability, in the Implementation Report accompanying this working document the terms appear in inverted commas, and are used occasionally for waste shipments in general (i.e. as applied in the Basel Convention). In this document both terms appear in the sense in which they are used in the Basel Convention.

Table 1-1: Table of Member State Replies to the Implementation Questionnaires for 2013-2015

Member State	Article 51 (1) pertaining to the Basel Convention (Sections A, B & C)			Article 51 (2) pertaining to the EU Questionnaire on the WSR (Section E)		
	2013	2014	2015	2013	2014	2015
Austria						
Belgium						
Bulgaria						
Cyprus						
Czech Republic						
Denmark						
Estonia						
Finland						
France						
Germany						
Greece						
Hungary						
Ireland						
Italy						
Latvia						
Lithuania						
Luxembourg						
Malta						
Netherlands						
Poland						
Portugal						
Romania						
Slovakia						
Slovenia						
Spain						

	Article 51 (1) pertaining to the Basel Convention (Sections A, B & C)			Article 51 (2) pertaining to the EU Questionnaire on the WSR (Section E)		
Member State	2013	2014	2015	2013	2014	2015
Sweden						
United Kingdom						

Member State response submitted.

2.0 Section A: Data on Generation, Treatment and Shipment of Hazardous Waste in the EU Member States (Basel Convention)

Section A contains the following subsections:

- **2.1** Generation of Waste
- **2.2** Shipment of Waste out of EU Member States
- **2.3** Shipment of Waste into EU Member State
- **2.4** Import and Export Waste from and to Countries outside the EU
- **2.5** Differences between Reported Amounts of “Import” and “Export”

2.1 Generation of Waste

Table 2-1 Total Generation of Hazardous Waste in Member States, 2013-2015, in 1,000 tonnes (includes estimated values)

Member State	2013	2014	2015
Austria	1126	1252	1266
Belgium	2259*	2259*	2259*
Bulgaria	125	178	182
Croatia	124	132	133
Cyprus	67	66	51
Czech Republic	1841*	1841*	1841*
Denmark	466	598	598*
Estonia	10657	10484	9233
Finland	1894	1916	1916*
France	10893*	10893*	10893*
Germany	16950	16950*	16950*
Greece	230	219	220
Hungary	524	863	618

Member State	2013	2014	2015
Ireland	316	317	328
Italy	8657	8840	8840*
Latvia	109	81	87
Lithuania	145	156	155
Luxembourg	292	295	318
Malta	20	33	41
Netherlands	5719	6112	6112*
Poland	1796	1975	1598
Portugal	984	544	857
Romania	473	425	425*
Slovakia	363	377	400
Slovenia	116*	116*	138
Spain	1948	1768	1768*
Sweden	2800*	2600	2600*
United Kingdom	4160	149	39
Total EU-15	58693*	54712*	54963*

Member State	2013	2014	2015
Total EU-13	16359*	16726*	14900*
Total EU-28	75052*	71438*	69864*
Bold figures* indicate estimated values due to missing data on reported hazardous waste			

NOTE: DUE TO LACK OF DATA THE FOLLOWING APPROXIMATIONS HAVE BEEN CARRIED OUT:

Belgium (BE): 2008 data used for 2013-2015
Czech Republic (CZ): 2011 data used for 2013-2015
France (FR): 2004 data used for 2005 and 2006, 2008 data used for 2009-2015
Denmark (DE): 2014 data used for 2015
Finland (FI): 2014 data used for 2015
France (FR): 2008 data used for 2013-2015
Italy (IT): 2014 data used for 2015
Netherlands (NL): 2014 data used for 2015
Romania (RO): 2014 data used for 2015
Slovenia (SI): 2012 data used for 2013-2014
Spain (ES): 2014 data used for 2015

Sweden (SE): 2014 data used for 2015

Table 2-2: Total Generation of Hazardous Waste Per Capita in Member States, 2013-2015, in kg per capita (includes estimated values)

Member State	2013	2014	2015
Austria	133.2	147.2	147.6
Belgium	211.8 *	211.8 *	211.8 *
Bulgaria	17.1	24.6	25.3
Croatia	29.0	31.2	31.2 *
Cyprus	77.0	76.4	59.8
Czech Republic	175.5 *	175.5 *	175.5 *
Denmark	83.2	106.3	106.3 *
Estonia	8,072.8	7,967.9	7,022.0
Finland	349.0	351.4	351.4 *
France	170.2 *	170.2 *	170.2 *
Germany	206.7	206.7 *	206.7 *
Greece	20.8	20.0	20.3
Hungary	52.9	87.4	62.7

Member State	2013	2014	2015
Ireland	68.9	68.9	70.9
Italy	145.0	145.0 *	145.0 *
Latvia	54.0	40.5	43.6
Lithuania	48.8	53.0	52.9
Luxembourg	544.5	536.3	564.5
Malta	47.1	77.7	96.2
Netherlands	340.8	363.2	363.2 *
Poland	46.6	51.9	42.0
Portugal	93.8	52.1	82.6
Romania	23.6	21.3	21.3 *
Slovakia	67.0	69.6	73.8
Slovenia	56.3 *	56.3 *	66.7
Spain	41.7	38.0	38.0 *
Sweden	269.4 *	269.4 *	269.4 *
United Kingdom	65.1	2.3	0.6
Total EU-	146*	136*	136*

Member State	2013	2014	2015
15			
Total EU-13	155*	159*	142*
Total EU-28	148.3*	141.2*	138.2*
Bold figures* indicate estimated values due to missing data on reported hazardous waste			

NOTE: DUE TO LACK OF DATA THE FOLLOWING APPROXIMATIONS HAVE BEEN CARRIED OUT:

Belgium (BE): 2008 data used for 2013-2015
Croatia (HR): 2014 data used for 2015
Czech Republic (CZ): 2011 data used for 2013-2015
Denmark (DE): 2014 data used for 2015
Finland (FI): 2014 data used for 2015
France (FR): 2008 data used for 2013-2015
Germany (DE): 2013 data used for 2014-2015
Italy (IT): 2013 data used for 2014-2015
Netherlands (NL): 2014 data used for 2015
Romania (RO): 2014 data used for 2015
Slovenia (SI): 2012 data used for 2013-2014
Spain (ES): 2014 data used for 2015

Sweden (SE): 2010 data used for 2013-2015

Table 2-3: Total Generation of Other Notified Waste Per Capita in EU Member States, 2013-2015, in kg per capita

Member State	2013	2014	2015
Austria	293	249	269
Bulgaria	430	441	418
Croatia	0	2	4
Cyprus	432	429	441
Denmark	706	713	n/a
Estonia	253	267	277
Finland	494	482	500
France	531	512	502
Germany	171	n/a	n/a
Greece	478	486	486
Hungary	274	326	327
Ireland	305	309	7
Italy	495	488	486
Latvia	940	1006	1051
Lithuania	312	313	323
Luxembourg	69	61	66
Malta	588	595	620
Netherlands	329	295	279
Poland	193	189	286
Portugal	472	480	478
Romania	182	179	195
Slovakia	323	340	349
Slovenia	268	n/a	267
Spain	466	459	n/a
Sweden	465	471	483
United Kingdom	37	n/a	2

Table 2-4: Total Generation of All Notified Waste Per Capita in Member States, 2013-2015, in kg per capita

Member State	2013	2014	2015
Austria	426	396	417
Bulgaria	2141	465	443
Croatia	29	33	35
Cyprus	509	506	501
Denmark	789	819	n/a
Estonia	8326	8234	7299
Finland	843	834	500
France	531	512	502
Germany	377	n/a	n/a
Greece	499	506	506
Hungary	327	414	390
Ireland	373	378	78
Italy	641	633	486
Latvia	994	1047	1095
Lithuania	361	366	376
Luxembourg	613	597	631
Malta	635	673	716
Netherlands	670	658	279
Poland	240	241	328
Portugal	565	532	561
Romania	206	200	195
Slovakia	390	410	423
Slovenia	268	n/a	334
Spain	508	497	n/a
Sweden	465	741	483
United Kingdom	102	2	2

Figure 2.1: Total Generation of All Notified Waste Per Capita in EU Member States, 2013-2015, in kg per capita

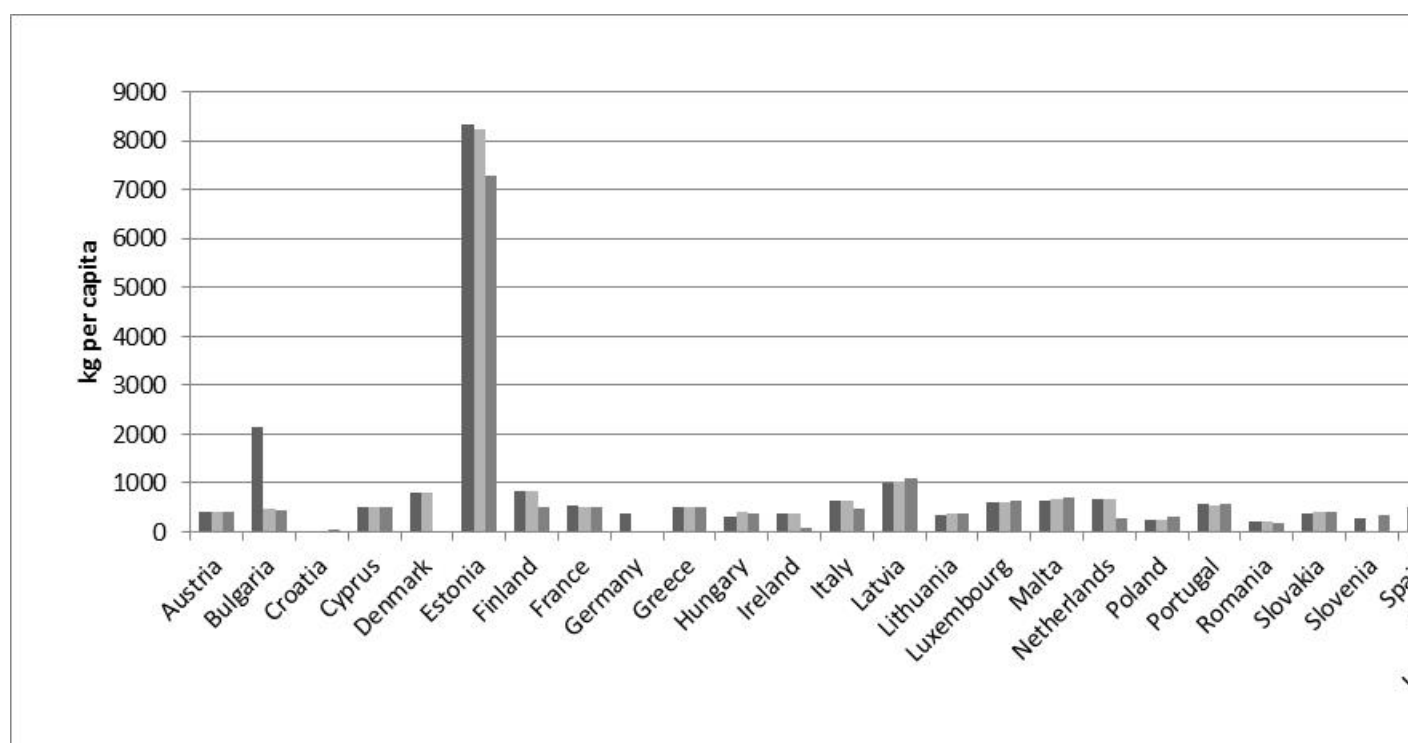
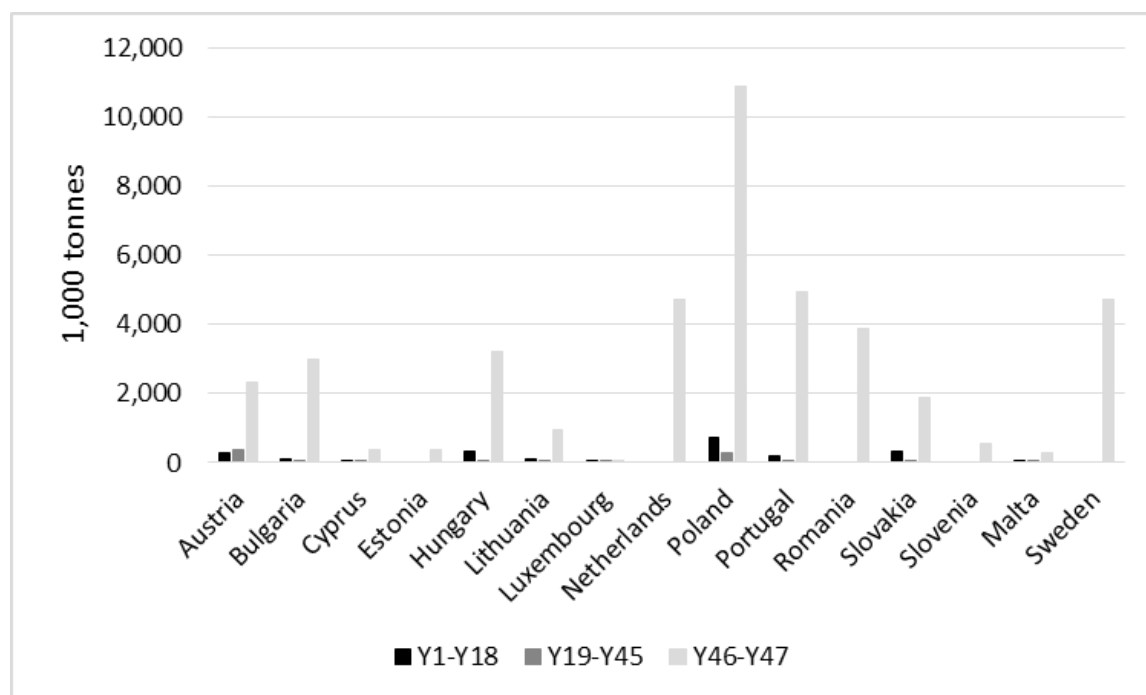


Table 2-5: Waste Generation of Hazardous Waste and Other Waste in Selected EU Member States, as Distributed on Y-codes in 2015, in 1,000 tonnes

Member State	Y1-Y18	Y19-Y45	Y46-Y47
Austria	286	365	2,309
Bulgaria	103	79	3,011
Cyprus	45	6	373
Estonia	0	0	364
Hungary	342	36	3,224
Lithuania	112	43	943
Luxembourg	53	49	37
Netherlands	0	0	4,718
Poland	732	281	10,874
Portugal	186	20	4,963
Romania	0	0	3,876
Slovakia	330	66	1,892
Slovenia			551
Malta	25	11	266
Sweden	0	0	4,704

Table 2-5 shows figures reported by Member States which do not cover all hazardous wastes generated, due to the fact that many hazardous waste streams were reported by Member States as “unlisted wastes” without a Y code. This has therefore created inconsistency between the figures presented here and those presented in Table 2-1 above, which are higher.

Figure 2.2: Waste Generation of Hazardous Waste and Other Waste in Selected EU Member States, as Distributed on Y-codes in 2015, in 1,000 tonnes



2.2 Shipment of Waste out of EU Member States

Table 2-6: Export of Hazardous Waste, 2001-2015, in 1,000 tonnes

Member State	2001	2003	2005	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	106.2	150.3	191.1	284.9	199.2	172.9	278.7	284.7	270.0	319.6	264.0	262.2
Belgium	721.2	792.5	829.0	1,006.9	861.2	672.6	688.8	836.2	631.1	679.8	636.6	686.3
Bulgaria				0.3	0.9	0.4	9.4	5.0	6.0	3.0	4.9	11.2
Croatia									21.0	19.3	21.7	19.7
Cyprus	2.5	2.4	2.8	4.1	2.1	2.3	4.7	7.9	5.4	3.8	4.1	5.2
Czech Republic	4.3	2.1	1.5	3.5	6.1	7.3	15.2	11.4	18.1	31.2	33.7	36.8
Denmark	177.2	136.1	85.6	117.0	166.5	176.1	102.0	64.3	273.7	221.8	149.6	300.3
Estonia	3.2	1.3	0.3	2.7	0.7	4.7	0.9	1.6	3.4	9.5	13.2	13.4
Finland	39.0	59.9	68.5	74.2	113.5	107.0	119.6	92.1	94.8	106.5	117.4	123.4
France	149.2	709.6	551.5	942.1	796.8	971.0	1,400.4	1,223.3	985.3	1,525.9	1,146.7	925.9
Germany	270.0	186.3	229.5	249.3	248.7	163.7	308.9	317.0	334.3	495.6	619.9	546.0
Greece	0.8	3.2	3.2	8.5	25.5	23.1	39.0	44.1	21.9	49.0	180.4	43.6
Hungary	18.3	31.5	76.0	72.2	76.6	69.3	48.9	29.4	19.1	25.7	28.9	30.3
Ireland	282.0	388.6	257.2	322.5	575.6	190.9	199.5	211.1	193.4	245.9	232.0	256.5
Italy	182.6	243.5	818.3	1,243.4	1,237.4	1,404.9	1,458.7	1,353.8	976.8	851.7	825.2	823.8
Latvia	16.6	16.2	0.8	7.2	2.3	10.9	17.4	14.4	11.9	13.9	18.2	21.4
Lithuania		84.4	2.3	4.1	6.5	17.3	17.8	23.9	21.4	23.5	21.2	29.0

Member State	2001	2003	2005	2007	2008	2009	2010	2011	2012	2013	2014	2015
Luxembourg	89.1	85.8	45.8	72.7	44.3	114.1	88.7	80.7	88.7	92.4	84.8	267.5
Malta	4.5		1.3	1.8	2.0	1.9	17.8	16.7	14.3	10.2	18.9	17.1
Netherlands	1,627. 3	1,177. 3	3,221. 1	3,120. 6	3,030. 9	2,743. 4	738.1	813.0	788.5	777.4	777.8	875.3
Poland	17.9	37.0	10.0	66.4	13.0	25.6	20.3	13.7	13.7	13.5	23.7	35.5
Portugal	63.3	92.3	107.7	7.5	6.4	61.4	54.3	62.5	17.4	69.9	55.0	52.9
Romania				37.2	2.4	23.4	3.9	2.1	7.0	14.4	25.2	27.1
Slovakia	0.3	2.2	2.6	2.2	3.4	3.0	4.3	4.4	5.0	7.1	11.9	11.3
Slovenia	7.9	14.7	22.0	69.7	102.6	57.6	35.1	45.4	46.6	46.6	57.2	61.2
Spain	61.2	48.9	44.1	60.2	52.1	53.9	51.7	104.4	59.0	74.2	43.1	77.8
Sweden	105.3	119.2	94.8	176.0	255.6	184.3	310.0	269.9	249.0	164.3	323.1	306.5
United Kingdom	35.9	60.3	119.5	149.3	171.6	164.4	221.7	192.1	173.9	707.5	276.2	231.3
EU-13	75.5	191.7	119.5	271.3	218.6	223.5	195.6	175.9	192.9	221.8	282.9	319.1
EU-15	3,910 .3	4,253 .8	6,666 .8	7,835 .0	7,785 .3	7,203 .8	6,060 .0	5,949 .2	5,157 .7	6,381 .6	5,731 .8	5,779 .4
EU-28	3,985 .8	4,445 .5	6,786 .4	8,106 .3	8,003 .9	7,427 .2	6,255 .6	6,125 .1	5,350 .6	6,603 .4	6,014 .6	6,098 .5

Table 2-7: Export of Hazardous Waste, 2001-2015, in kg per capita

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	13.21	18.52	23.24	34.35	20.64	33.22	33.81	32.05	37.74	30.97	30.51
Belgium	70.19	76.42	79.25	94.92	62.44	63.41	75.88	56.72	60.74	56.66	60.85
Bulgaria				0.03	0.05	1.23	0.66	0.81	0.41	0.67	1.54
Croatia								4.87	4.48	5.06	4.61
Cyprus	3.55	3.32	3.76	5.23	2.84	5.84	9.42	6.26	4.33	4.74	6.11
Czech Republic	0.41	0.20	0.14	0.33	0.69	1.43	1.08	1.71	2.95	3.19	3.47
Denmark	33.09	25.24	15.77	21.42	31.91	18.37	11.53	48.97	39.51	26.54	52.99
Estonia	2.36	0.97	0.22	1.98	3.48	0.70	1.19	2.57	7.22	10.03	10.21
Finland	7.50	11.49	13.06	14.04	20.06	22.32	17.11	17.53	19.59	21.50	22.52
France	2.38	11.26	8.52	14.48	14.78	21.32	18.40	14.69	22.78	16.99	13.56
Germany	3.22	2.19	2.70	2.93	1.92	3.68	3.77	3.99	5.92	7.55	6.59
Greece	0.06	0.29	0.25	0.72	2.01	3.38	3.83	1.90	4.36	16.42	3.91
Hungary	1.79	3.09	7.51	7.14	6.88	4.86	2.94	1.92	2.59	2.91	3.06
Ireland	70.46	95.04	57.04	70.87	38.09	40.08	41.40	37.56	49.07	45.79	50.97
Italy	3.16	4.21	13.92	20.92	23.28	24.07	22.26	16.35	14.12	13.43	13.42
Latvia	7.02	6.94	0.33	3.14	4.81	7.74	6.95	5.80	6.88	9.08	10.75
Lithuania		24.36	0.66	1.19	5.13	5.32	7.81	7.13	7.90	7.19	9.89
Luxembourg	202.9 5	191.3 8	99.12	152.5 7	231.0 8	176.6 3	157.6 2	168.8 2	171.9 2	154.1 2	475.1 1
Malta	11.50		3.13	4.36	4.47	42.96	39.96	34.24	24.17	44.40	39.90

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Netherlands	101.6 9	72.60	197.3 1	190.5 1	166.1 7	44.31	48.53	46.83	46.05	45.94	51.51
Poland	0.46	0.96	0.25	1.73	0.65	0.51	0.34	0.34	0.34	0.61	0.92
Portugal	6.08	8.78	10.12	0.69	5.75	5.09	5.89	1.63	6.65	5.25	5.07
Romania				1.72	1.08	0.18	0.09	0.34	0.72	1.26	1.36
Slovakia	0.06	0.41	0.48	0.40	0.54	0.78	0.81	0.92	1.30	2.19	2.08
Slovenia	3.96	7.35	11.00	34.64	28.32	17.11	22.11	22.66	22.60	27.71	29.61
Spain	1.43	1.12	0.94	1.27	1.11	1.06	2.20	1.21	1.53	0.89	1.62
Sweden	11.81	13.27	10.45	19.22	19.83	33.10	28.58	26.16	17.11	33.38	31.32
United Kingdom	0.58	0.97	1.96	2.39	2.60	3.51	3.01	2.68	10.99	4.19	3.46
EU-13	1.06	2.60	1.61	2.63	2.12	2.16	1.90	1.66	1.83	2.11	2.70
EU-15	10.32	11.11	17.20	19.99	19.64	18.11	15.17	14.86	12.84	15.88	14.19
EU-28	8.16	9.05	13.69	16.22	15.88	14.69	12.34	12.10	10.55	13.03	11.83

Figure 2.3: Export of Hazardous Waste, 2013-2015, in kg per capita

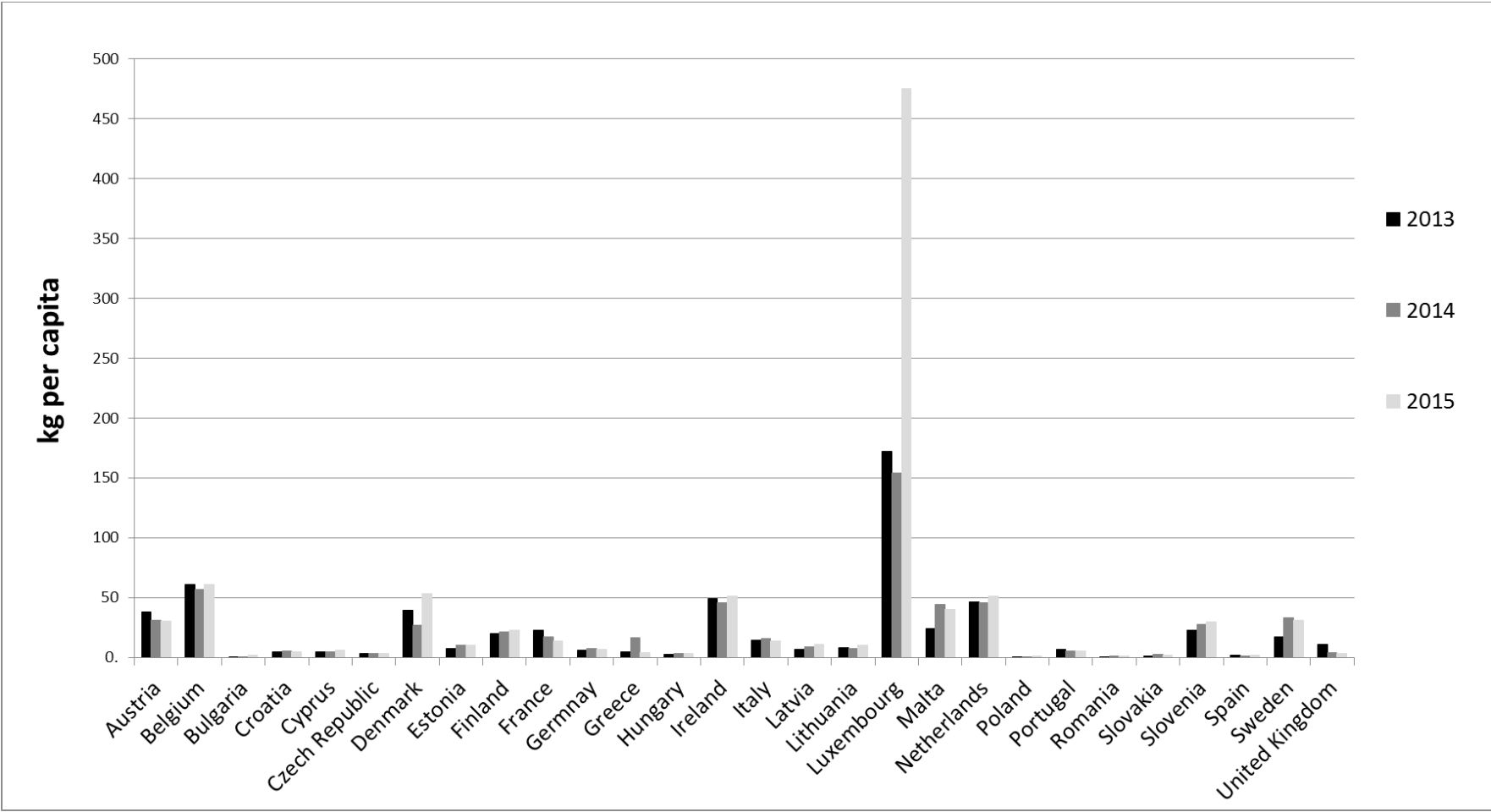


Table 2-8: Export of Hazardous Waste in Relation to Generation, in 1,000 tonnes

Member State	Export	Treated in country	Generation	Year*
Austria	262	1004	1266	2015
Belgium	861	1398	2259	2008
Bulgaria	11	171	182	2015
Croatia	20	113	133	2015
Cyprus	5	45	51	2015
Czech Republic	11	1829	1841	2011
Denmark	150	448	598	2014
Estonia	13	9220	9233	2015
Finland	117	1798	1916	2014
France	797	10096	10893	2008
Germany	496	16454	16950	2013
Greece	44	176	220	2015
Hungary	30	588	618	2015
Ireland	256	72	328	2015
Italy	825	8015	8840	2014
Latvia	21	65	87	2015
Lithuania	29	126	155	2015
Luxembourg	268	50	318	2015
Malta	17	24	41	2015
Netherlands	778	5335	6112	2014
Poland	36	1562	1598	2015
Portugal	53	804	857	2015
Romania	25	399	425	2014
Slovakia	11	389	400	2015
Slovenia	61	77	138	2015
Spain	43	1725	1768	2014
Sweden	323	2277	2600	2014

United Kingdom	707	3452	4160	2013
<i>* information is presented for the most recent year available</i>				

Figure 2.4: Export of Hazardous Waste out of Each Member State in Relation to Generation in 2015, in % distribution

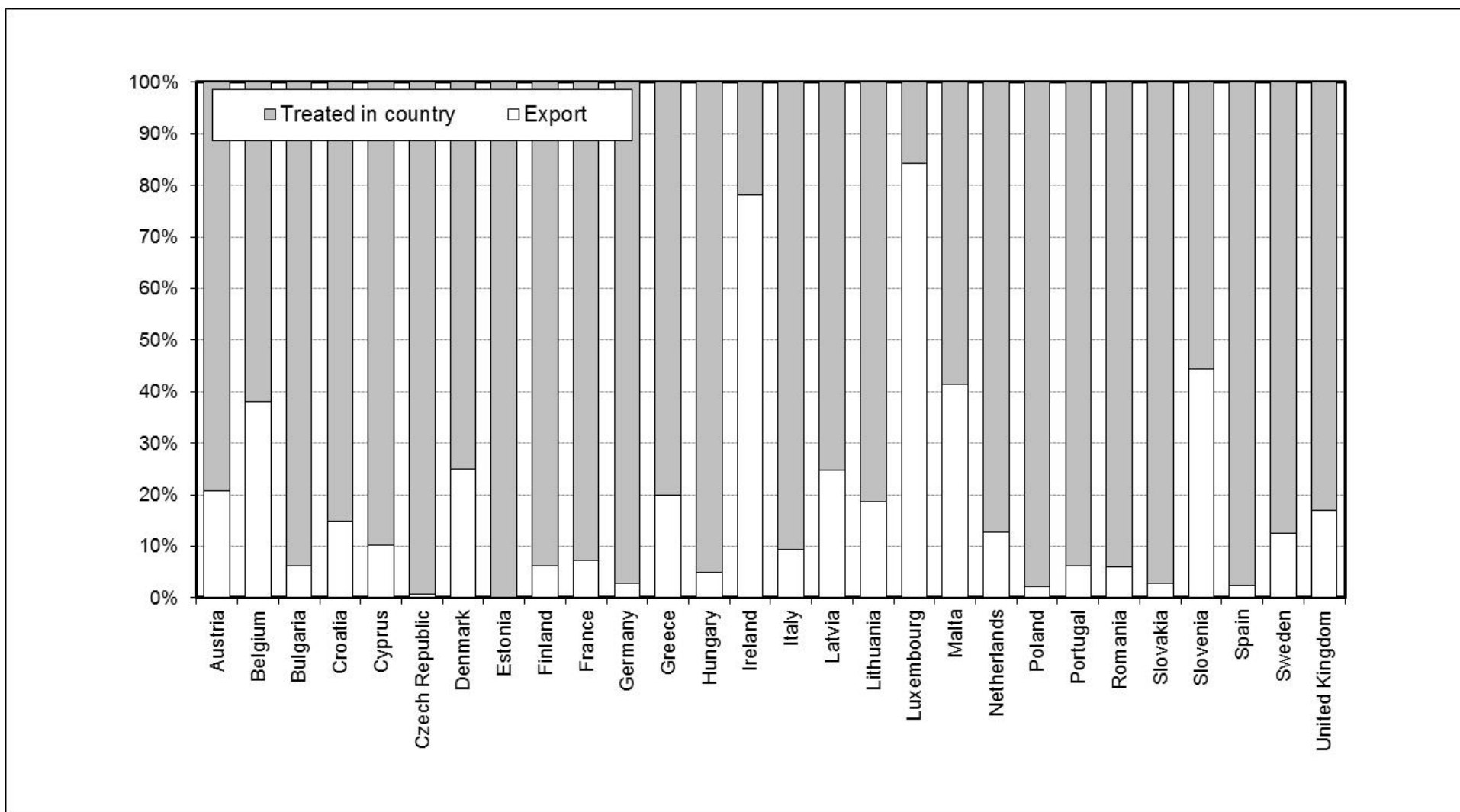


Table 2-9: Export of All Notified Waste, 2001-2015, in 1,000 tonnes

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	135.5	208.9	394.1	475.8	2161.9	978.5	835.7	734.4	810.9	794.7	820.8
Belgium	806.4	869.3	955.4	1141.2	858.2	903.5	1554.7	1765.5	1617.9	2019.4	1824.8
Bulgaria				0.3	0.4	9.7	5.0	6.0	3.0	16.9	11.2
Croatia								21.2	19.3	23.5	44.1
Cyprus	2.5	2.4	2.8	4.1	30.3	40.8	182.5	181.2	4.3	4.2	5.2
Czech Republic	4.3	2.2	1.5	3.6	11.9	15.2	18.7	19.9	32.2	34.3	37.4
Denmark	344.2	385.1	386.2	293.1	255.4	227.2	150.6	484.5	516.2	522.9	529.4
Estonia	3.2	1.3	0.3	2.7	4.7	0.9	1.6	3.4	9.5	13.2	13.4
Finland	42.6	63.4	72.2	78.2	110.8	131.2	929.9	119.7	149.6	193.2	231.3
France	206.8	740.1	581.6	1100.6	1178.2	1585.9	1502.4	1517.3	1648.7	2102.9	1793.1
Germany	1540.4	906.7	1102.7	1827.0	1201.4	1514.0	1950.4	1809.0	1990.4	2612.6	3045.6
Greece	0.9	3.3	3.4	9.0	72.1	76.1	64.1	22.2	62.2	191.7	59.7
Hungary	18.3	31.5	76.0	72.2	69.3	49.2	29.4	19.1	30.6	44.3	48.6
Ireland	287.1	420.8	534.0	331.2	242.1	282.2	363.9	361.4	665.8	923.6	898.6
Italy	363.6	429.5	1034.9	1471.0	1713.1	1783.1	1715.0	1415.7	1213.1	1185.4	1231.4
Latvia	16.6	16.2	0.8	7.2	10.9	17.4	14.4	11.9	13.9	18.2	21.4
Lithuania		84.4	2.3	4.1	17.3	17.8	52.9	73.4	38.6	27.3	29.0

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	89.1	85.8	45.8	83.8	171.9	140.9	122.5	122.5	129.2	118.4	304.8
Malta	4.5		1.3	1.8	1.9	17.8	19.3	15.7	11.3	20.9	17.9
Netherlands	2134.8	3848.4	3221.1	3172.3	2919.8	3074.4	2878.9	2699.3	2476.8	2739.8	2787.0
Poland	17.9	155.0	12.9	66.4	25.7	20.3	13.7	13.7	13.6	23.9	93.3
Portugal	63.3	92.3	107.7	7.5	61.4	54.3	62.5	17.4	71.3	57.1	55.5
Romania				37.2	23.4	3.9	2.1	7.0	14.4	25.2	27.1
Slovakia	0.33	2.2	4.8	4.5	4.6	11.9	219.3	156.7	51.7	73.3	33.4
Slovenia	7.9	14.9	22.0	69.7	76.8	103.7	115.5	178.4	191.8	228.3	237.7
Spain	61.3	48.9	44.1	60.2	70.4	69.7	115.7	67.0	83.0	54.4	83.4
Sweden	119.6	152.6	107.4	312.5	288.9	472.2	407.8	330.3	311.0	381.8	357.8
United Kingdom	35.9	60.5	196.9	167.2	266.9	616.8	1218.4	1835.4	3260.4	4194.9	4616.8
EU-13	75.6	310.0	124.7	273.7	277.1	308.7	674.4	707.7	434.2	553.5	619.7
EU-15	6231.3	8315.6	8787.5	10530.5	11572.5	11910.0	13872.7	13301.6	15006.3	18248.9	18639.9
EU-28	6306.9	8625.6	8912.2	10804.2	11849.5	12218.7	14547.1	14009.2	15440.6	18802.4	19259.6

Table 2-10: Export of All Notified Waste, 2001-2015, in kg per capita

Member State	2001	2003	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	16.86	25.76	47.98	48.43	57.37	105.0 5	258.6 5	116.7 1	99.33	87.24	95.81	93.30	95.60
Belgium	78.48	83.83	91.35	86.91	107.6 0	92.03	79.69	83.21	141.1 5	158.9 2	144.7 5	180.0 3	162.1 7
Bulgaria	n/a	n/a	n/a	n/a	0.03	0.11	0.05	1.27	0.66	0.82	0.41	2.32	1.54
Croatia	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.92	4.48	5.49	10.37
Cyprus*	3.55	3.32	3.76	4.30	5.23	33.08	38.04	50.83	217.2 4	210.1 7	4.92	4.91	6.11
Czech Republic	0.42	0.21	0.14	0.12	0.34	0.58	1.13	1.43	1.77	1.88	3.04	3.24	3.53
Denmark	64.27	71.46	71.29	55.29	53.72	61.20	46.29	40.99	27.03	86.68	91.99	92.85	93.45
Estonia	2.36	0.97	0.22	0.44	1.98	0.53	3.48	0.70	1.19	2.57	7.22	10.03	10.21
Finland	8.20	12.16	13.77	16.45	14.80	22.16	20.78	24.50	172.9 7	22.13	27.52	35.39	42.24
France	3.30	11.75	8.99	10.89	16.95	14.87	17.97	24.16	22.66	22.72	24.62	31.35	26.42
Germany	18.61	10.87	13.23	23.68	22.02	18.78	14.52	18.33	23.68	21.92	24.08	32.16	37.31
Greece	0.07	0.29	0.27	0.37	0.76	2.85	6.36	6.64	5.60	1.92	5.56	17.45	5.39
Hungary	1.79	3.09	7.51	8.73	7.14	7.61	6.88	4.89	2.94	1.92	3.08	4.47	4.91
Ireland	71.67	102.9 0	121.1 6	78.49	72.86	157.4 5	48.41	57.46	72.78	72.67	138.7 5	192.9 9	186.8 8
Italy	6.33	7.45	17.61	19.47	24.76	27.82	28.40	29.44	28.20	23.71	20.12	19.3	20.02
Latvia	7.02	6.94	0.33	2.78	3.14	1.01	4.81	7.74	6.95	5.80	6.88	9.08	10.75

Member State	2001	2003	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Lithuania	n/a	24.36	0.66	0.77	1.19	1.91	5.13	5.32	17.32	24.44	12.96	9.27	9.91
Luxembourg	202.9 5	191.3 8	99.12	111.7 2	175.9 6	169.3 2	348.3 3	280.4 8	239.3 0	233.3 8	240.4 6	215.2 6	541.2 4
Malta	11.50	n/a	3.13	3.32	4.36	4.79	4.47	43.01	46.14	37.68	26.69	49.18	41.77
Netherlands	133.4 3	237.5 3	197.3 1	197.3 7	193.6 7	191.4 8	176.8 6	185.2 1	172.4 6	160.9 7	147.2 5	162.4 5	164.5 4
Poland	0.46	4.05	0.327	1.69	1.73	0.33	0.66	0.51	0.34	0.34	0.339	0.61	2.43
Portugal	6.08	8.78	10.12	11.13	0.69	0.58	5.75	5.09	5.89	1.63	6.78	5.45	5.33
Romania	n/a	n/a	n/a	0.05	1.72	0.11	1.08	0.18	0.09	0.341	0.72	1.26	1.36
Slovakia	0.06	0.41	0.89	0.71	0.84	0.63	0.84	2.20	40.65	28.97	9.54	13.52	6.15
Slovenia	3.96	7.45	11.00	19.85	34.64	51.02	37.73	50.62	56.28	86.73	93.08	110.6 9	115.1 8
Spain	1.43	1.12	0.94	0.86	1.27	2.11	1.46	1.45	2.44	1.38	1.71	1.12	1.74
Sweden	13.41	17.00	11.84	33.93	34.16	39.34	31.09	50.43	43.19	34.70	32.43	39.46	36.56
United Kingdom	0.58	0.98	3.24	2.08	2.67	3.16	4.26	9.87	19.40	28.81	50.88	65.04	70.98

*Cyprus: significant changes from 2011/2012 to 2013 refer to green listed waste from Cyprus to OECD countries that do not need prior notification procedure, which were reported in 2011 and 2012 and not reported after CRI recommendation in 2013.

Figure 2.5: Export of All Notified Waste, 2013-2015, in kg per capita

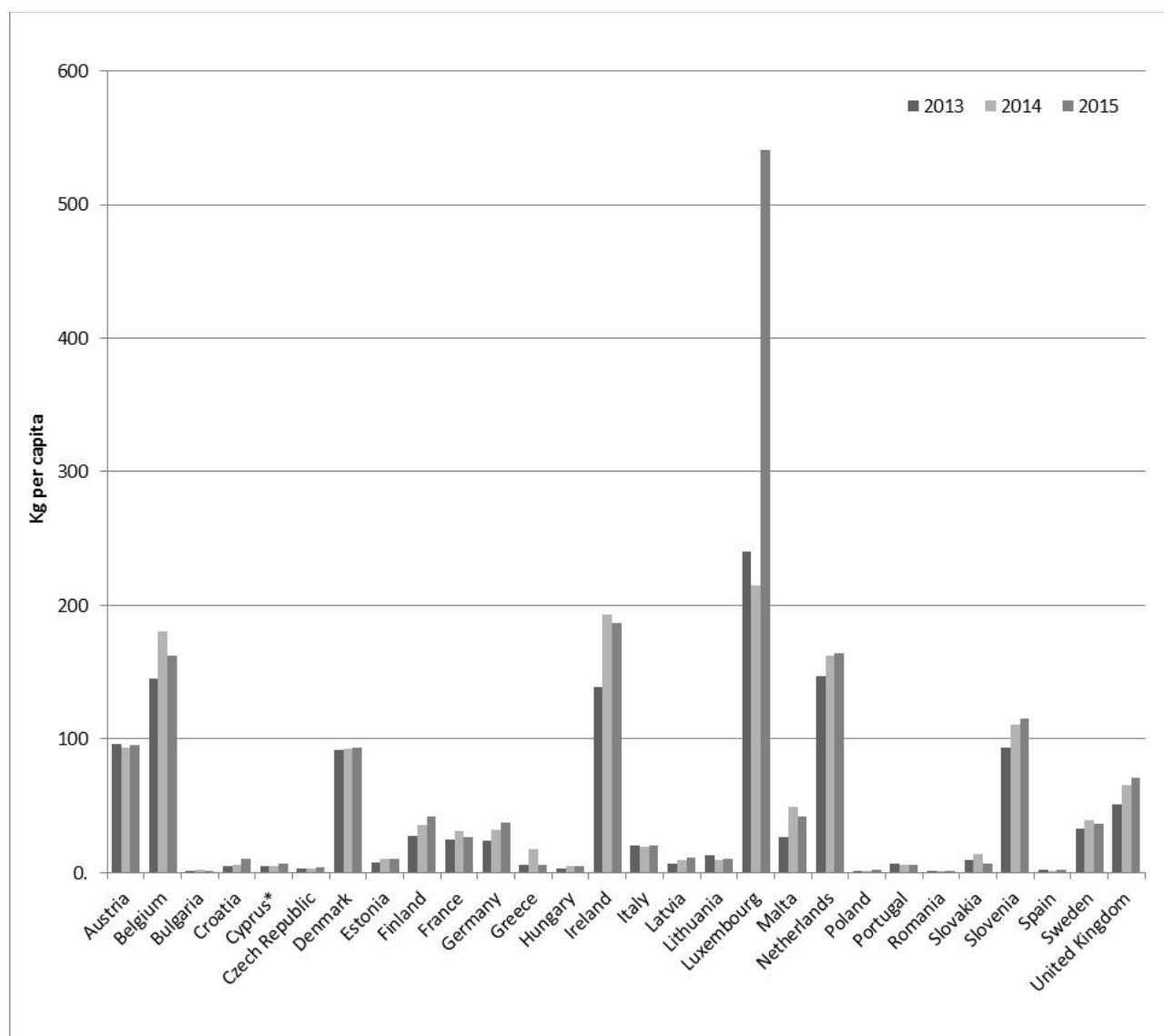


Table 2-11: Distribution of All Reported Export Waste by Waste Type in 2015, in tonnes

Member State	Hazardous	Non-hazardous	Unclassified	Total
Austria	262,219	558,609	0	820,828
Belgium	686,258	1,138,506	0	1,824,765
Bulgaria	11,166	0	0	11,166
Croatia	19,683	24,388	0	44,071
Cyprus	5,181	0	0	5,181
Czech Republic	36,776	627	0	37,403
Denmark	300,306	229,072	0	529,378
Estonia	13,427	0	0	13,427
Finland	123,419	107,925	0	231,344
France	925,876	867,233	0	1,793,109
Germany	546,016	2,499,535	0	3,045,551
Greece	43,621	16,049	0	59,670
Hungary	30,258	18,353	0	48,611
Ireland	256,476	341,064	301,038	898,578
Italy	823,791	407,631	0	1,231,422
Latvia	21,361	0	0	21,361
Lithuania	28,951	57	0	29,008
Luxembourg	267,530	37,229	0	304,759
Malta	17,148	800	0	17,947
Netherlands	875,335	1,911,622	0	2,786,958
Poland	35,522	57,775	0	93,297
Portugal	52,858	2,666	0	55,524
Romania	27,125	0	0	27,125
Slovakia	11,326	22,082	0	33,408
Slovenia	61,154	176,558	0	237,712
Spain	77,836	5,603	0	83,439
Sweden	306,507	51,249	0	357,756

Member State	Hazardous	Non-hazardous	Unclassified	Total
United Kingdom	231,342	4,385,465	0	4,616,808
EU-28	6,098,468	12,860,099	301,038	19,259,605

Figure 2.6: Distribution of All Reported Export Waste by Waste Type in 2015, in % distribution

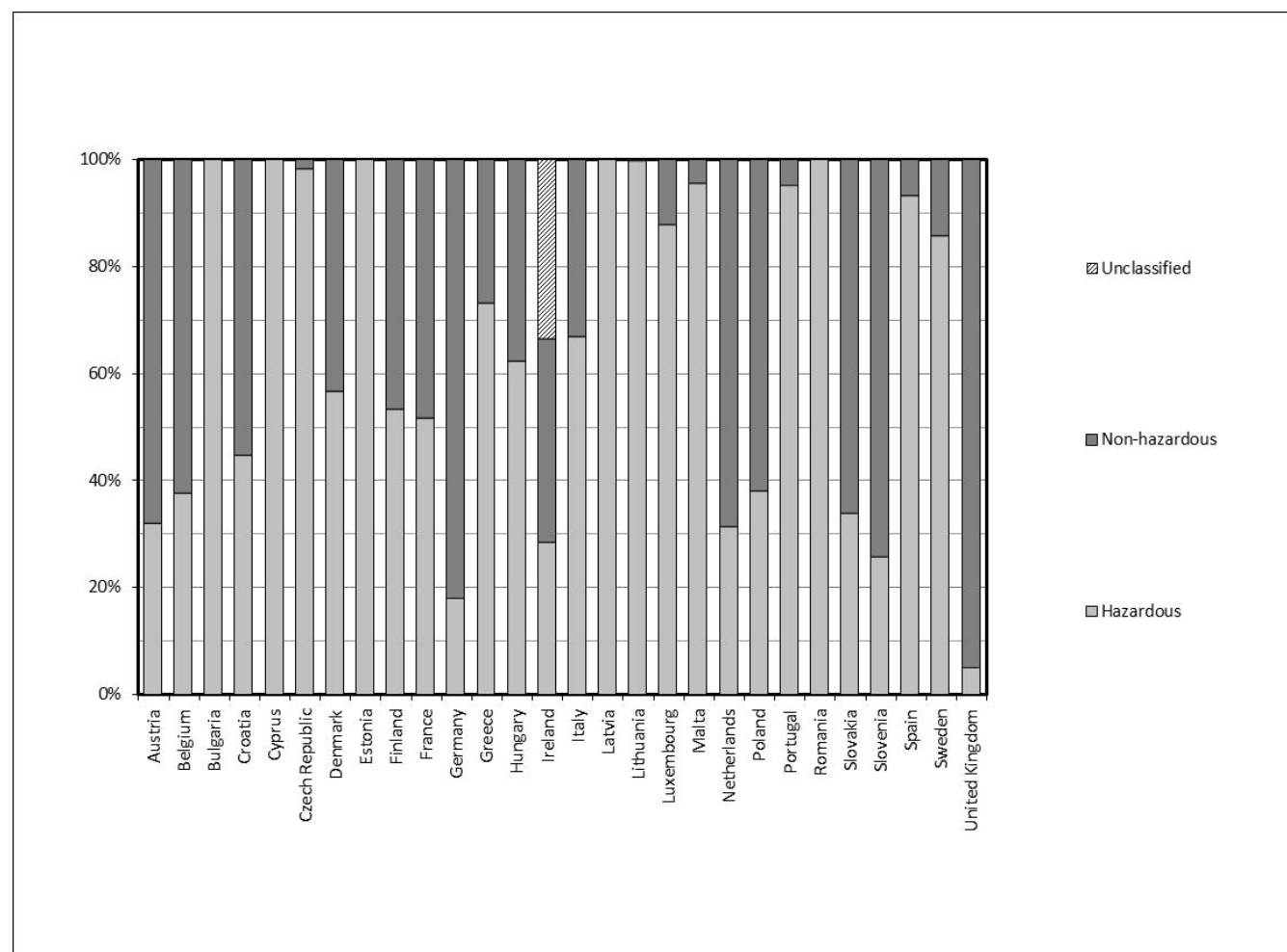


Table 2-12: Distribution of All Reported Export Waste by Waste Type in 2014, in tonnes

Member State	Hazardous	Non-hazardous	Unclassified	Total
Austria	264,045	530,665	0	794,710
Belgium	636,620	1,382,790	0	2,019,410
Bulgaria	4,927	11,937	0	16,864
Croatia	21,688	1,853	0	23,540
Cyprus	4,074	143	0	4,217
Czech Republic	33,728	535	0	34,263
Denmark	149,634	373,279	0	522,913
Estonia	13,202	0	0	13,202
Finland	117,366	75,801	0	193,167
France	1,146,675	951,531	4,728	2,102,934
Germany	619,923	1,992,650	0	2,612,573
Greece	180,390	11,288	0	191,678
Hungary	28,878	15,412	0	44,290
Ireland	232,041	691,592	0	923,633
Italy	825,212	360,149	0	1,185,361
Latvia	18,200	0	0	18,200
Lithuania	21,232	6,103	0	27,335
Luxembourg	84,758	33,610	0	118,368
Malta	18,899	2,033	0	20,932
Netherlands	777,771	1,962,078	0	2,739,849
Poland	23,654	229	0	23,883
Portugal	54,951	2,128	0	57,079
Romania	25,233	0	0	25,233
Slovakia	11,947	61,347	0	73,294
Slovenia	57,188	171,063	0	228,251
Spain	43,105	11,319	0	54,424
Sweden	323,087	58,709	0	381,796

Member State	Hazardous	Non-hazardous	Unclassified	Total
United Kingdom	292,901	3,888,456	13,529	4,194,886
EU-28	6,031,329	12,596,700	18,257	18,646,286

Figure 2.7: Distribution of All Reported Export Waste by Waste Type in 2014, in % distribution

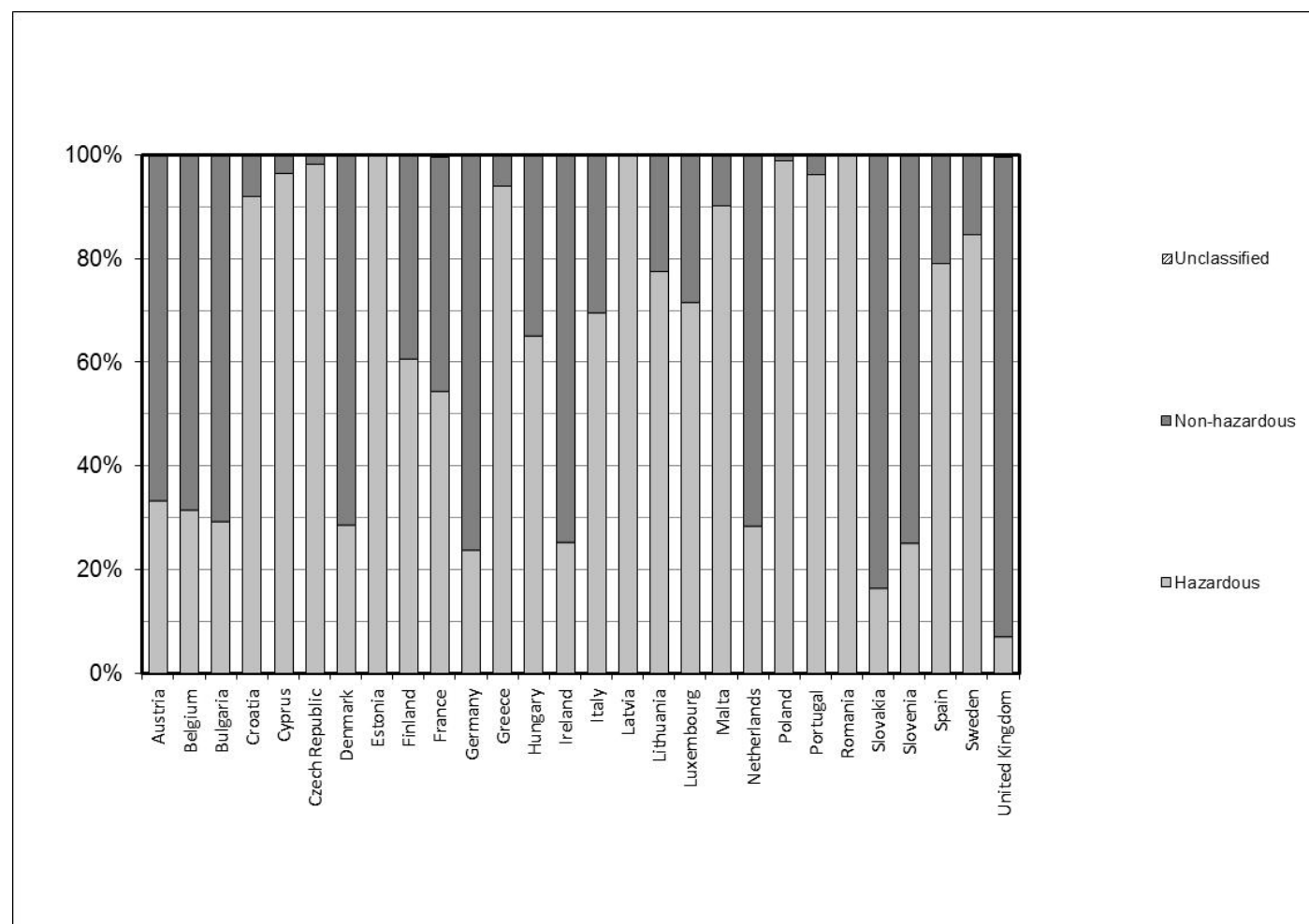


Table 2-13: Distribution of All Reported Export Waste by Waste Type in 2013, in tonnes

Member State	Hazardous	Non-hazardous	Unclassified	Total
Austria	319,638	491,215	0	810,853
Belgium	679,822	938,089	0	1,617,911
Bulgaria	3,036	12	0	3,048
Croatia	19,301	0	0	19,301
Cyprus	3,752	512	0	4,264
Czech Republic	31,206	983	0	32,188
Denmark	221,786	294,368	0	516,153
Estonia	9,530	0	0	9,530
Finland	106,487	43,083	0	149,570
France	1,525,895	122,803	0	1,648,698
Germany	495,627	1,494,805	0	1,990,431
Greece	48,969	13,211	0	62,180
Hungary	25,745	4,889	0	30,634
Ireland	245,926	419,912	0	665,838
Italy	851,668	361,395	0	1,213,063
Latvia	13,936	0	0	13,936
Lithuania	23,510	15,074	0	38,584
Luxembourg	92,371	36,811	0	129,182
Malta	10,192	1,064	0	11,256
Netherlands	777,435	1,699,386	0	2,476,822
Poland	13,482	82	0	13,564
Portugal	69,921	1,333	0	71,254
Romania	14,432	0	0	14,432
Slovakia	7,072	44,662	0	51,734
Slovenia	46,599	145,158	0	191,757
Spain	74,239	8,726	0	82,965
Sweden	164,346	146,689	0	311,036

Member State	Hazardous	Non-hazardous	Unclassified	Total
United Kingdom	710,871	2,549,411	101	3,260,382
EU-28	6,606,794	8,833,672	101	15,440,566

Figure 2.8: Distribution of All Reported Export Waste by Waste Type in 2013, in % distribution

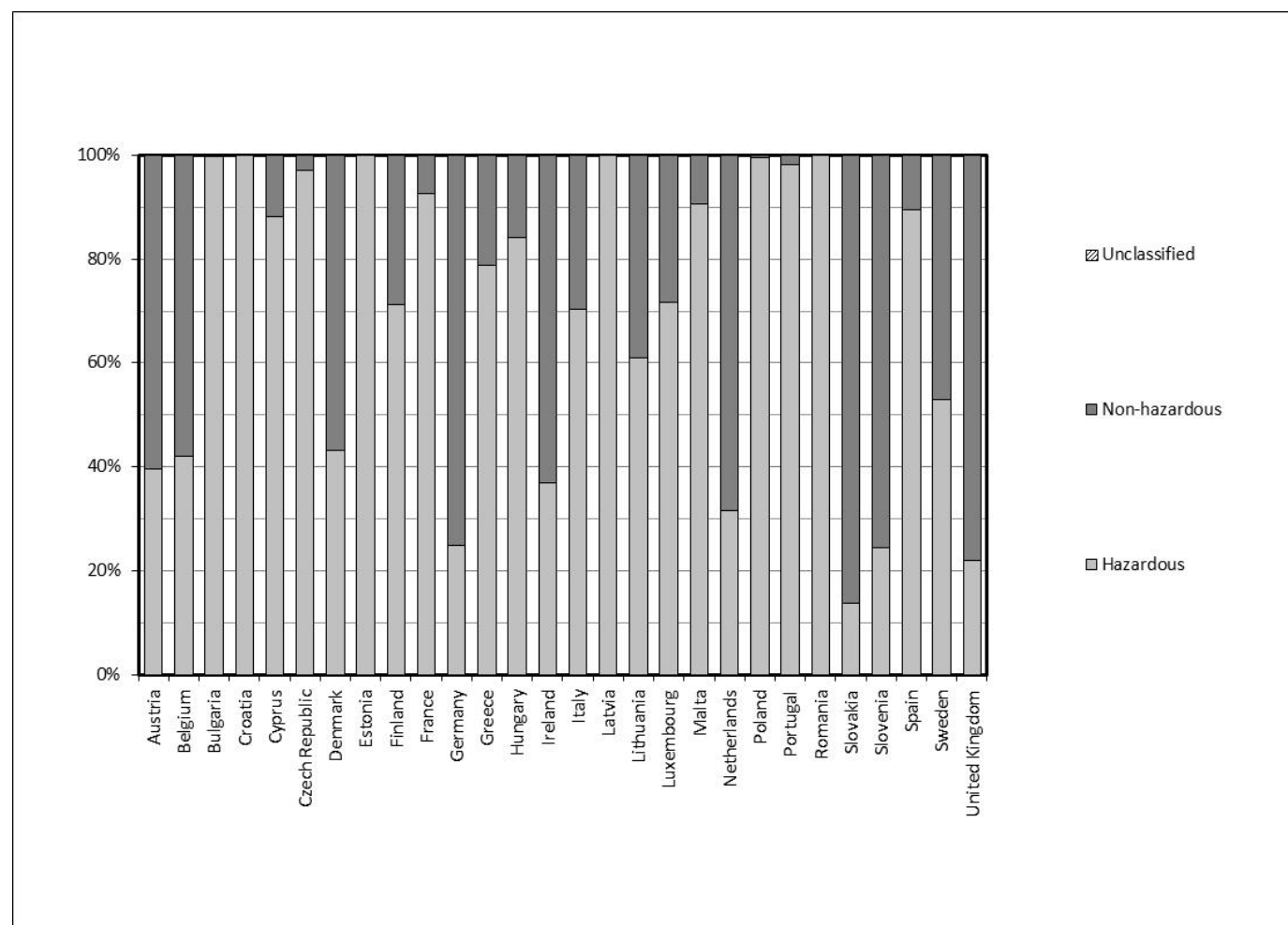


Table 2-14: Distribution of All Reported Export Waste by Waste Type in 2015, in tonnes

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	Y1-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Total
Austria	112,472	134,750	n/a	102,529	n/a	2,086	102	n/a	12,911	455,978	820,828
Belgium	337,533	215,464	n/a	175,382	n/a	133,261	963,124	n/a	n/a	n/a	1,824,765
Bulgaria	1,013	9,216	10	n/a	n/a	927	n/a	n/a	n/a	n/a	11,166
Croatia	12,990	6,693	n/a	34	n/a	n/a	24,354	n/a	n/a	n/a	44,071
Cyprus	6	4,241	n/a	n/a	n/a	934	n/a	n/a	n/a	n/a	5,181
Czech Republic	9,766	4,626	426	25	n/a	21,959	602	n/a	n/a	n/a	37,403
Denmark	162,601	58,488	n/a	n/a	n/a	62	102,688	n/a	79,156	126,384	529,378
Estonia	11,457	1,970	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13,427
Finland	21,535	65,499	n/a	44,831	n/a	35,816	63,094	n/a	569	n/a	231,344
France	301,283	428,781	4,524	136,474	n/a	191,287	730,759	n/a	n/a	n/a	1,793,109
Germany	210,360	137,287	n/a	839,737	n/a	198,369	1,189,298	n/a	n/a	470,500	3,045,551
Greece	8,465	20,872	328	n/a	15	13,942	15,764	n/a	n/a	286	59,670

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	Y1-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Total
Hungary	2,411	27,503	33	n/a	n/a	311	18,353	n/a	n/a	n/a	48,611
Ireland	182,753	47,898	21,148	339,735	n/a	3,328	1,328	301,038	1,349	n/a	898,578
Italy	441,619	267,700	14,532	2,161	n/a	99,940	n/a	n/a	n/a	405,470	1,231,422
Latvia	1,632	0	n/a	n/a	n/a	19,729	n/a	n/a	n/a	n/a	21,361
Lithuania	13,796	14,863	131	n/a	n/a	162	n/a	n/a	n/a	57	29,008
Luxembourg	41,396	48,471	n/a	37,229	n/a	n/a	n/a	n/a	177,663	n/a	304,759
Malta	4,004	11,615	1,287	n/a	n/a	242	800	n/a	n/a	n/a	17,947
Netherlands	593,008	242,474	n/a	422,586	n/a	124	328,838	n/a	39,729	1,160,198	2,786,958
Poland	8,424	1,228	n/a	n/a	n/a	25,870	284	n/a	n/a	57,491	93,297
Portugal	22,623	29,855	n/a	12	n/a	381	2,654	n/a	n/a	n/a	55,524
Romania	5,625	21,500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	27,125

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	Y1-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Total
Slovakia	5,136	3,056	155	115	n/a	2,959	n/a	n/a	19	21,968	33,408
Slovenia	28,758	16,755	14,803	n/a	n/a	838	176,558	n/a	n/a	n/a	237,712
Spain	7,924	37,053	n/a	n/a	n/a	32,859	5,603	n/a	n/a	n/a	83,439
Sweden	98,248	56,251	262	947	n/a	151,747	n/a	n/a	n/a	50,302	357,756
United Kingdom	83,995	56,119	17,012	3,080,360	n/a	74,173	1,282,226	n/a	43	22,879	4,616,808
Total	2,730,830	1,970,228	74,650	5,182,155	15	1,011,307	4,906,431	301,038	311,439	2,771,512	19,259,605

Table 2-15: Distribution of All Reported Export Waste by Waste Type in 2014, in tonnes

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Not possible to classify as HW but belonging to Annex IV part II	Total
Austria	128,719	133,371	n/a	101,185	407	40	n/a	1,548	429,440	n/a	794,710
Belgium	362,652	193,981	n/a	180,616	79,987	1,202,173	n/a	n/a	n/a	n/a	2,019,410
Bulgaria	1,407	3,412	56	16	53	11,921	n/a	n/a	n/a	n/a	16,864
Croatia	12,443	9,155	n/a	n/a	90	1,853	n/a	n/a	n/a	n/a	23,540
Cyprus	1	4,037	n/a	143	28	n/a	n/a	9	n/a	n/a	4,217
Czech Republic	9,818	6,099	n/a	47	17,811	n/a	n/a	n/a	488	n/a	34,263
Denmark	17,059	61,923	n/a	95,727	n/a	n/a	n/a	70,651	277,552	n/a	522,913
Estonia	487	686	n/a	n/a	12,029	n/a	n/a	n/a	n/a	n/a	13,202
Finland	17,764	72,202	n/a	46,636	27,178	21,937	n/a	222	7,228	n/a	193,167
France	582,076	354,701	2,573	236,920	191,345	714,611	4,728	15,980	n/a	n/a	2,102,934
Germany	185,142	146,332	n/a	705,487	285,831	1,287,163	n/a	2,619	n/a	n/a	2,612,573

Greece	8,867	7,758	1,403	n/a	162,362	256	n/a	n/a	11,032	n/a	191,678
Hungary	1,071	27,093	n/a	n/a	714	15,412	n/a	n/a	n/a	n/a	44,290
Ireland	142,516	41,083	18,266	224,491	30,176	467,102	n/a	n/a	n/a	n/a	923,633
Italy	486,760	272,392	7,538	2,666	58,522	357,483	n/a	n/a	n/a	n/a	1,185,361
Latvia	2,068	3,413	n/a	n/a	12,719	n/a	n/a	n/a	n/a	n/a	18,200
Lithuania	5,399	15,705	128	6,011	n/a	n/a	n/a	n/a	91	n/a	27,335
Luxembourg	34,278	50,480		33,610	n/a	n/a	n/a	n/a	n/a	n/a	118,368
Malta	6,893	7,416	4,424	1,137	166	896	n/a	n/a	n/a	n/a	20,932
Netherlands	207,705	211,836	n/a	456,271	n/a	304,296	n/a	358,229	1,201,510	n/a	2,739,849
Poland	6,226	195	n/a	n/a	17,234	229	n/a	n/a	n/a	n/a	23,883
Portugal	9,814	44,209	n/a	n/a	927	2,128	n/a	n/a	n/a	n/a	57,079
Romania	450	24,784	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25,233
Slovakia	6,028	2,273	351	n/a	3,294	61,347	n/a	n/a	n/a	n/a	73,294
Slovenia	29,992	15,929	9,999	n/a	1,269	171,063	n/a	n/a	n/a	n/a	228,251
Spain	4,612	37,802	n/a	n/a	691	11,319	n/a	n/a	n/a	n/a	54,424
Sweden	114,601	74,812	261	5,053	24,818	53,656	n/a	108,596	n/a	n/a	381,796
United Kingdom	81,928	66,531	15,798	2,662,552	110,774	1,225,871	13,529	1,177	34	16,694	4,194,886
Total	2,466,776	1,889,609	60,797	4,758,569	1,038,422	5,910,756	18,257	559,031	1,927,375	16,694	18,646,286

Table 2-16: Distribution of All Reported Export Waste by Waste Type in 2013, in tonnes

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Not Possible to Classify as HW but Belonging to Annex IV Part II	Total
Austria	153,720	160,092	n/a	73,386	5,826	4,743	n/a	n/a	413,086	n/a	810,853
Belgium	341,317	230,131	n/a	215,343	107,869	722,747		505		n/a	1,617,911
Bulgaria	657	2,259	97		24	12				n/a	3,048
Croatia	10,607	8,694								n/a	19,301
Cyprus	2	3,751		512						n/a	4,264
Czech Republic	6,128	5,861		938	19,216	44				n/a	32,188
Denmark	14,356	80,722		148,476		1,819		126,707	144,073	n/a	516,153
Estonia	4,327	2,888			2,316					n/a	9,530
Finland	33,561	59,684		27,604	13,242	15,479				n/a	149,570
France	491,656	219,129	914	65,566	400	57,237		813,796		n/a	1,648,698

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Not Possible to Classify as HW but Belonging to Annex IV Part II	Total
Germany	122,122	134,360		459,944	239,144	1,034,860				n/a	1,990,431
Greece	6,171	15,640	70		27,089	13,211				n/a	62,180
Hungary	1,768	23,977				4,889				n/a	30,634
Ireland	132,385	58,253	18,432	116,888	36,856	303,024				n/a	665,838
Italy	506,070	269,678	9,963	5,546	65,957	355,849				n/a	1,213,063
Latvia	2,496	8,170	n/a	n/a	3,269	n/a	n/a	n/a	n/a	n/a	13,936
Lithuania	6,385	17,027	98	3,999	n/a	11,075	n/a	n/a	n/a	n/a	38,584
Luxembourg	46,651	45,720	n/a	36,811	n/a	n/a	n/a	n/a	n/a	n/a	129,182
Malta	3,959	1,744	4,489	462	n/a	601	n/a	n/a	n/a	n/a	11,256
Netherlands	197,066	210,154	n/a	n/a	n/a	158,341	n/a	370,215	1,541,046	n/a	2,476,822
Poland	3,124	355	n/a	n/a	10,002	82	n/a	n/a	n/a	n/a	13,564

Member State	Y1-Y18	Y19-Y45	Y1-Y45	Y46-Y47	EU or National HW	EU or National NON-HW	Not Classified	Hazardous, Specified by Country	Non-hazardous, Specified by Country	Not Possible to Classify as HW but Belonging to Annex IV Part II	Total
Portugal	18,730	51,055	n/a	n/a	136	1,333	n/a	n/a	n/a	n/a	71,254
Romania	513	13,919	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	14,432
Slovakia	1,262	2,923	44	n/a	2,844	44,436	n/a	n/a	226	n/a	51,734
Slovenia	21,390	12,314	11,896	535	998	144,623	n/a	n/a	n/a	n/a	191,757
Spain	4,003	64,899	n/a	n/a	5,337	8,726	n/a	n/a	n/a	n/a	82,965
Sweden	89,709	30,319	364	102,363	43,954	44,326	n/a	n/a	n/a	n/a	311,036
United Kingdom	69,007	89,740	41,389	1,717,371	507,325	825,711	101	n/a	6,328	3,410	3,260,382
Total	2,289,145	1,823,456	87,756	2,975,745	1,091,803	3,753,168	101	1,311,223	2,104,759	3,410	15,440,566

Table 2-17: Total EU-28 Distribution of All Reported Export of Waste, 2001-2015, in tonnes

Year	Hazardous	Non-hazardous	Unclassified	EU-28 total
2001	4,015,064	943,908	1,347,948	6,306,920
2003	4,450,902	1,990,396	2,184,314	8,625,612
2005	7,238,502	1,290,993	382,711	8,912,206
2007	8,719,831	1,839,622	244,711	10,804,164
2009	7,687,587	4,088,600	73,359	11,849,546
2010	6,677,776	5,442,156	98,766	12,218,699
2011	6,125,146	8,395,181	26,802	14,547,129
2012	5,462,430	8,545,546	1,238	14,009,214
2013	6,606,794	8,833,672	101	15,440,566
2014	6,031,329	12,596,700	18,257	18,646,286
2015	6,098,468	12,860,099	301,038	19,259,605

Figure 2.9: Total EU-28 Distribution of All Reported Export of Waste, 2001-2015, in million tonnes

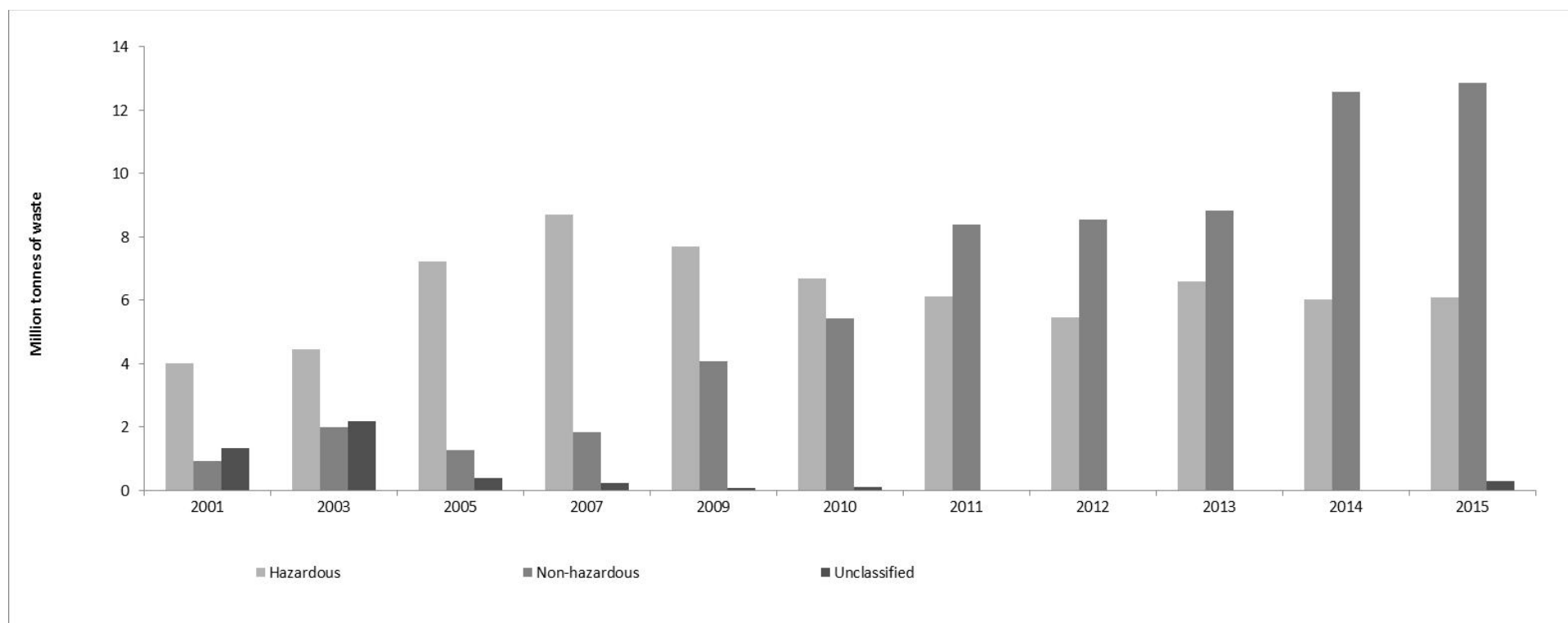


Table 2-18: EU-28 Treatment of Hazardous Waste, 2001-2015, in tonnes

Year	Disposal	Recovery	Mix	Not specified	EU-28 Total
2001	631,027	3,256,774	87,795	10,213	3,985,809
2002	876,434	2,787,942	21,766	5,489	3,691,631
2003	892,833	3,531,256	19,123	2,328	4,445,540
2004	1,192,630	3,889,821	123,814	9,570	5,215,835
2005	1,391,212	5,392,145	1,535	1,476	6,786,368
2006	1,481,106	5,512,794	42	42,750	7,036,692
2007	1,765,448	6,322,906	13,537	4,425	8,106,316
2008	2,159,944	5,834,429	2,619	6,925	8,003,917
2009	2,037,705	5,377,913	1,528	10,101	7,427,247
2010	1,693,831	4,550,224	2,500	9,021	6,255,576
2011	1,889,228	4,235,304	602	11	6,125,146
2012	1,457,224	3,881,068	6,244	6,070	5,350,606
2013	1,382,710	4,933,185	283,370	3,528	6,602,793
2014	1,305,489	4,704,014	1,269	3,817	6,014,590
2015	1,485,374	4,606,063	4,540	2,535	6,098,511

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Figure 2.10: EU-28 Treatment of Hazardous Waste, 2001-2015, in million tonnes

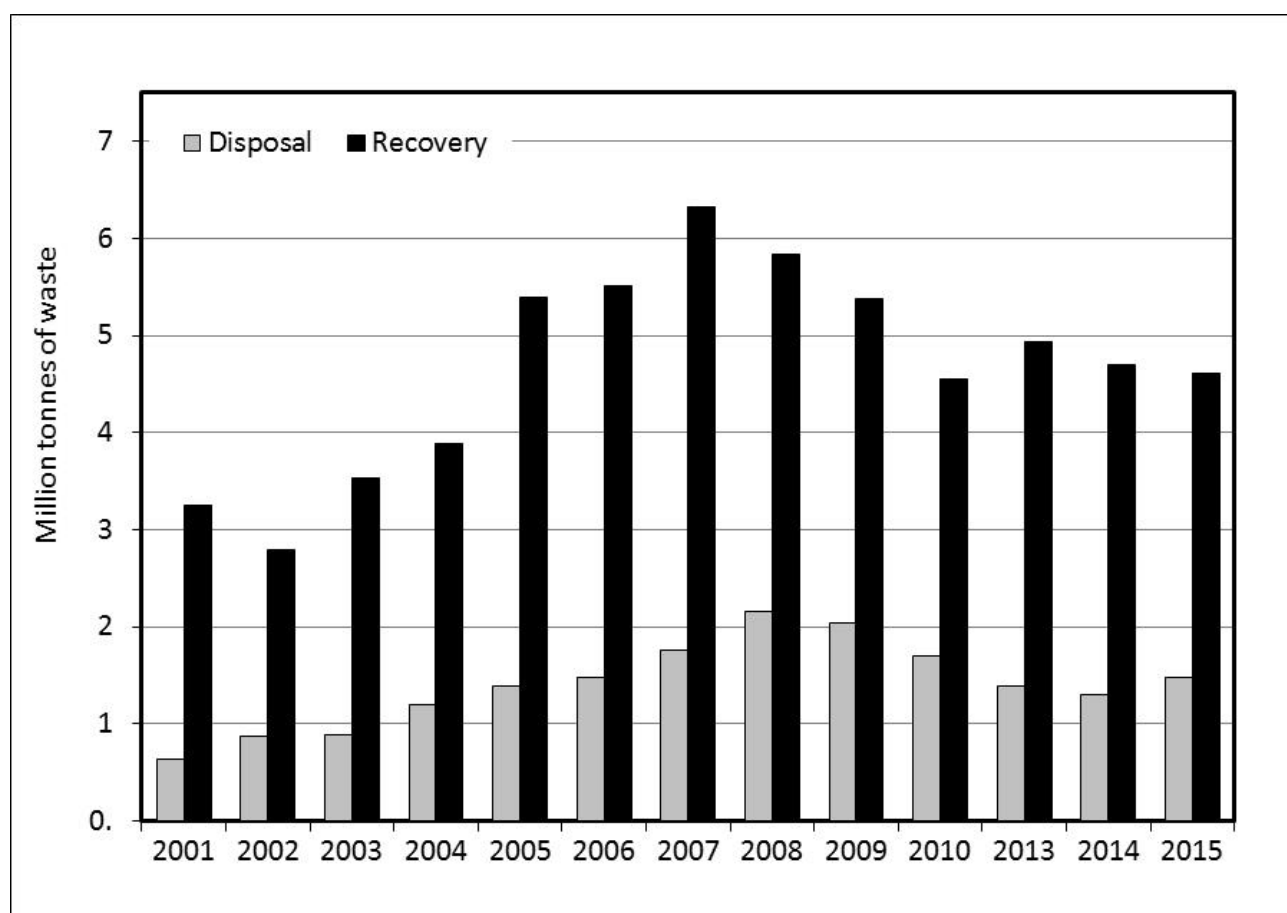


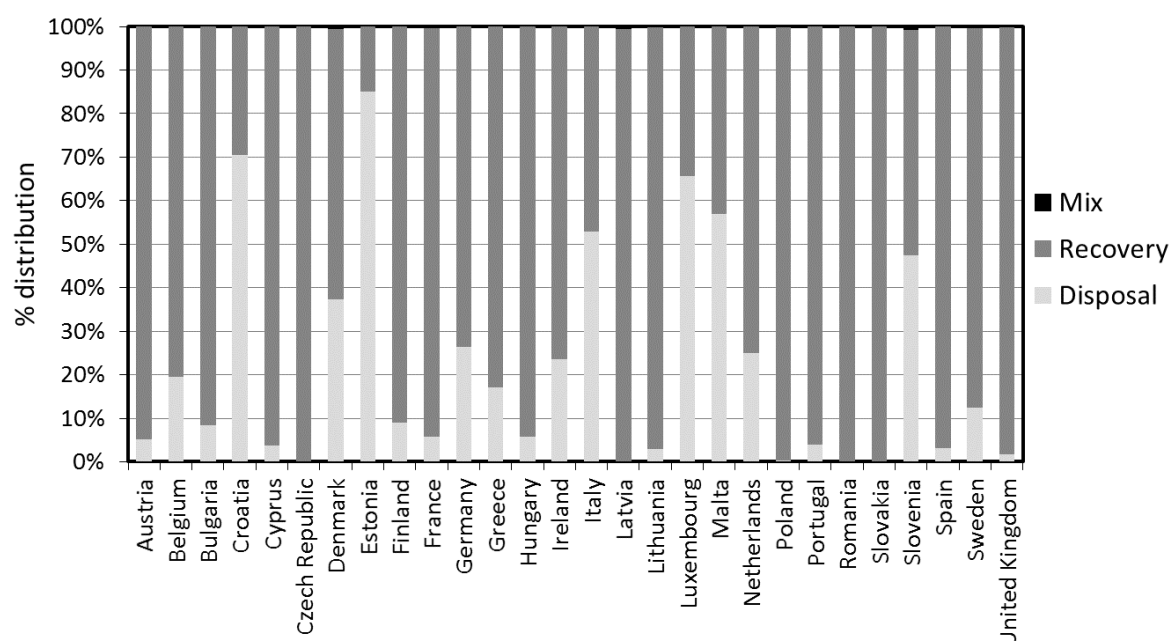
Table 2-19: Treatment of Hazardous Waste in 2015, in tonnes

Member State	Disposal	Recovery	Mix	Total
Austria	13,948	248,270	0	262,219
Belgium	135,312	550,947	0	686,258
Bulgaria	955	10,211	0	11,166
Croatia	13,888	5,795	0	19,683
Cyprus	196	4,985	0	5,181
Czech Republic	0	36,776	0	36,776
Denmark	112,187	186,713	1,407	300,306
Estonia	11,423	2,004	0	13,427
Finland	11,276	112,143	0	123,419
France	54,034	868,130	1,720	923,884
Germany	144,211	401,805	0	546,016
Greece	7,510	36,111	0	43,621
Hungary	1,779	28,479	0	30,258
Ireland	60,500	195,977	0	256,476
Italy	436,336	387,454	0	823,791

Latvia	62	21,189	109	21,361
Lithuania	851	28,083	17	28,951
Luxembourg	175,916	91,614	0	267,530
Malta	9,794	7,353	0	17,148
Netherlands	218,698	656,638	0	0
Poland	147	35,354	21	35,522
Portugal	2,166	50,692	0	52,858
Romania	59	27,065	0	27,125
Slovakia	0	11,326	0	11,326
Slovenia	29,118	31,578	458	61,154
Spain	2,557	75,279	0	77,836
Sweden	38,212	267,491	759	306,462
United Kingdom	4,239	226,600	50	230,889
EU-13	286,970	906,837	605	319,077
EU-15	1,198,403	3,699,226	3,935	4,901,564
EU-28	1,485,374	4,606,063	4,540	5,220,641

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Figure 2.11: Treatment of Hazardous Waste in 2015, in % distribution



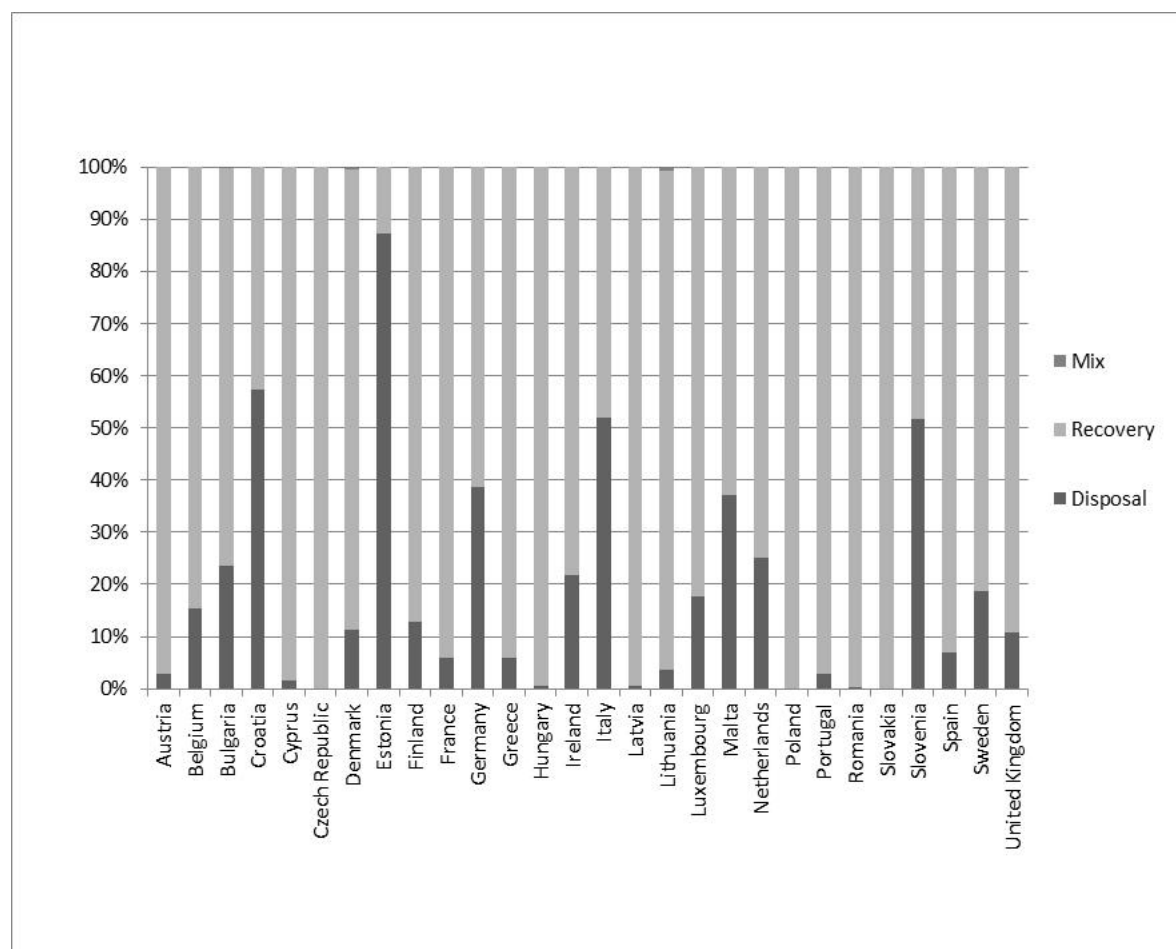
The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Table 2-20: Treatment of Hazardous Waste in 2014, in tonnes

Member State	Disposal	Recovery	Mix	Total
Austria	7,854	256,190	0	264,045
Belgium	98,391	538,230	0	636,620
Bulgaria	1,157	3,764	7	4,927
Croatia	12,412	9,276	0	21,688
Cyprus	67	4,007	0	4,074
Czech Republic	0	33,728	0	33,728
Denmark	16,847	131,875	912	149,634
Estonia	11,504	1,699	0	13,202
Finland	15,036	102,330	0	117,366
France	69,416	1,076,694	0	1,146,110
Germany	239,019	380,904	0	619,923
Greece	10,779	169,610	0	180,390
Hungary	174	28,704	0	28,878
Ireland	50,738	181,267	36	232,041
Italy	428,857	396,355	0	825,212
Latvia	107	18,093	0	18,200
Lithuania	765	20,291	176	21,232
Luxembourg	14,934	69,824	0	84,758
Malta	6,997	11,902	0	18,899
Netherlands	195,969	581,802	0	777,771
Poland	21	23,634	0	23,654
Portugal	1,596	53,355	0	54,951
Romania	69	25,164	0	25,233
Slovakia	0	11,947	0	11,947
Slovenia	29,628	27,560	0	57,188
Spain	2,984	40,120	0	43,105
Sweden	60,570	262,378	139	323,087
United Kingdom	29,597	243,313	0	272,910
EU-13	62,902	219,766	183	282,850
EU-15	1,398,743	4,484,248	1,087	5,884,078
EU-28	1,461,645	4,704,014	1,269	6,166,929

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Figure 2.12: Treatment of Hazardous Waste in 2014, in % distribution



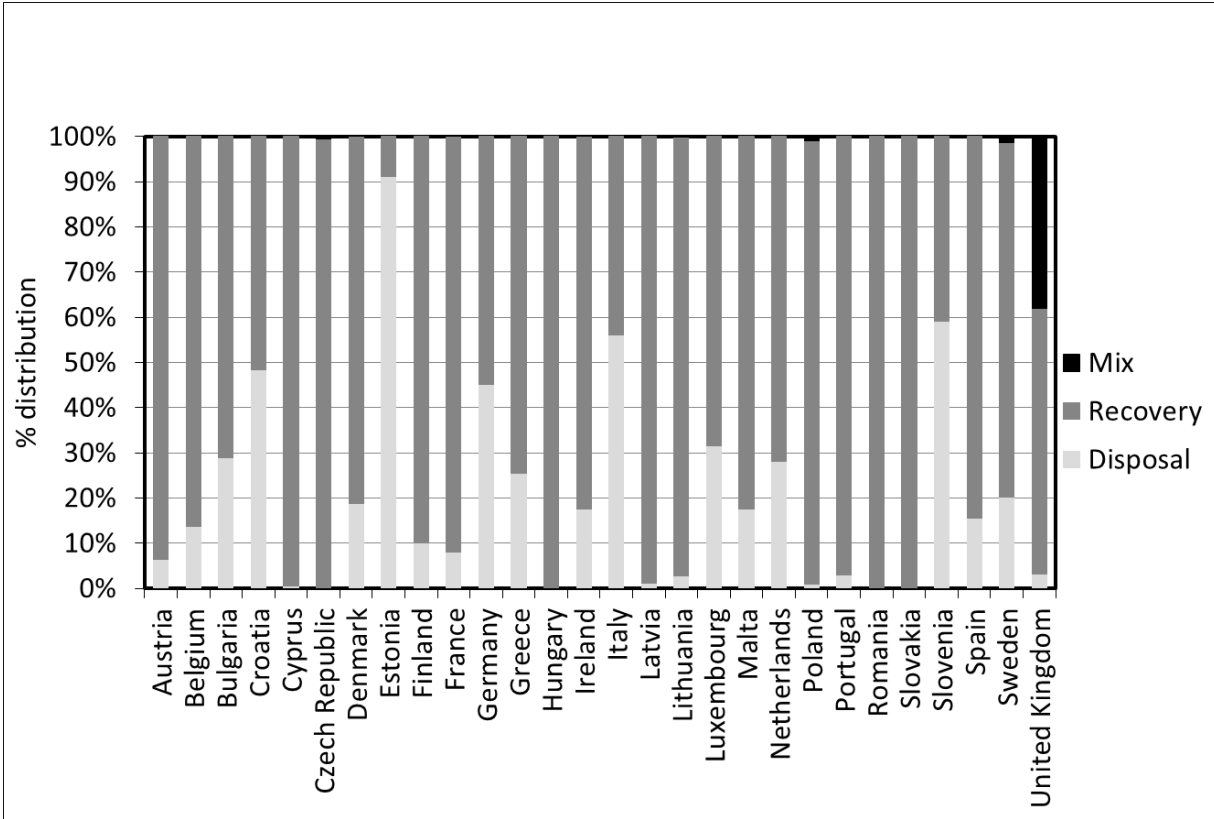
The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Table 2-21: Treatment of Hazardous Waste in 2013, in tonnes

Member State	Disposal	Recovery	Mix	Total
Austria	20,329	300,923	0	321,252
Belgium	94,357	599,557	0	693,914
Bulgaria	875	2,161	0	3,036
Croatia	9,099	9,705	0	18,804
Cyprus	16	3,736	0	3,752
Czech Republic	0	31,040	166	31,206
Denmark	41,547	180,234	72	221,853
Estonia	6,419	623	0	7,042
Finland	10,786	95,701	0	106,487
France	134,251	1,549,967	1	1,684,219
Germany	226,257	274,860	0	501,117
Greece	12,516	36,815	0	49,331
Hungary	0	143,934	0	143,934
Ireland	57,965	271,009	55	329,029
Italy	486,435	382,650	0	869,085
Latvia	160	13,776	0	13,936
Lithuania	637	22,843	30	23,510
Luxembourg	29,059	63,312	0	92,371
Malta	1,794	8,398	0	10,192
Netherlands	224,779	577,788	0	802,567
Poland	131	13,229	121	13,482
Portugal	2,066	67,855	0	69,921
Romania	16	14,416	0	14,432
Slovakia	0	7,072	0	7,072
Slovenia	27,579	19,102	0	46,681
Spain	12,189	66,851	0	79,040
Sweden	33,047	129,236	2,106	164,389
United Kingdom	23,929	432,061	280,820	736,811
EU-13	46,726	290,033	317	337,077
EU-15	1,409,512	5,028,819	283,053	6,721,384
EU-28	1,456,238	5,318,853	283,370	7,058,461

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Figure 2.13: Treatment of Hazardous Waste in 2013, in % distribution



The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment.

Table 2-22: Destination of All Notified Waste, 2001-2015, in 1,000 tonnes

From	Year						To
		EU-28	EFTA	OECD (non-EFTA)	Non-OECD	Unknown	Total
EU-28	2001	5,884	370	17	36	16	6,307
	2002	7,403	256	11	25	30	7,696
	2003	8,010	358	46	212	28	8,626
	2004	9,932	313	12	260	141	10,516
	2005	8,244	480	6	182	13	8,912
	2006	9,136	673	6	148	11	9,963
	2007	9,995	604	6	199	0.4	10,804
	2008	10,649	569	17	168	23	11,403
	2009	11,115	537	8	190	28	11,850
	2010	11,236	795	5	183	36	12,219
	2011	12,499	740	50	1,258	0.1	14,547
	2012	12,930	739	34	306	0.2	14,009
	2013	14,460	748	88	144	0	15,441
	2014	17,152	809	207	478	0.3	18,646
	2015	17,743	925	108	484	0	19,260

Figure 2.14: Destination of All Notified Waste, 2001-2015, in 1,000 tonnes

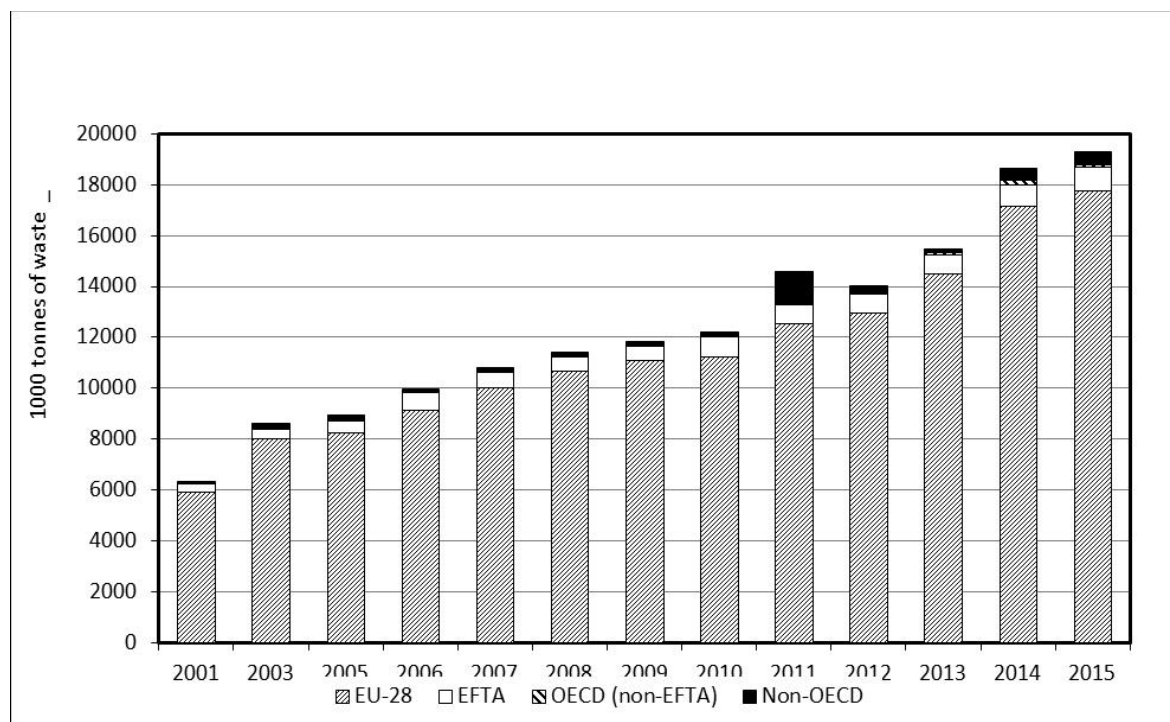
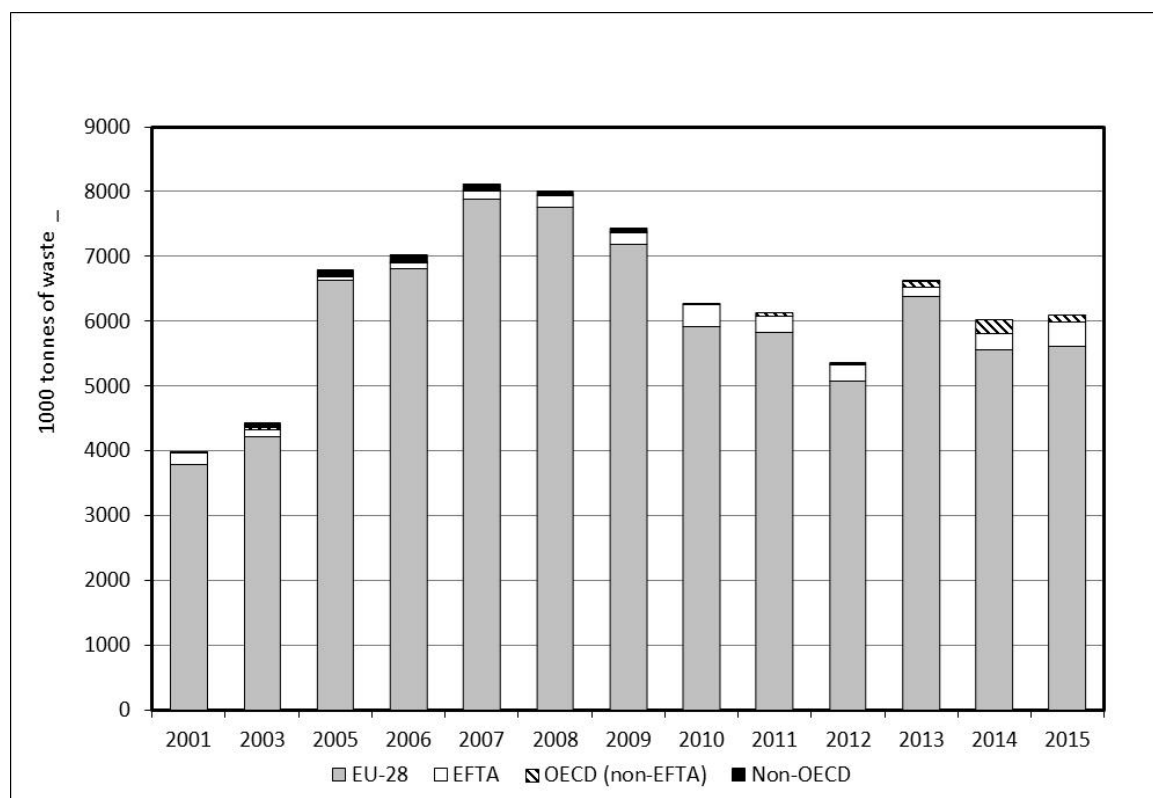


Table 2-23: Destination of Hazardous Waste, 2001-2015, in 1,000 tonnes

From	Year	EU-28	EFTA	OECD (non-EFTA)	Non-OECD	Unknown	To
							Total
EU-28	2001	3,801	171	1	12	16	3,986
	2002	3,599	74	7	11	13	3,692
	2003	4,247	93	61	45	24	4,446
	2004	5,016	121	68	12	140	5,216
	2005	6,631	59	91	6	2	6,786
	2006	6,814	91	125	6	10	7,037
	2007	7,875	129	97	6	0.2	8,106
	2008	7,760	181	46	17	0.03	8,004
	2009	7,177	189	53	8	0.2	7,427
	2010	5,908	343		5		6,256
	2011	5,833	248		45	0.1	6,125
	2012	5,066	255	0.4*	29	0.2	5,351
	2013	6,385	130	0.1*	88		6,603
	2014	5,556	251		207	0.3	6,015
	2015	5,608	383		107	16	6,098

**The export in 2012 and 2013 from EU to non-OECD countries stems from export of waste from Croatia to Serbia. This shipment does not violate the Basel Convention because Croatia was not an EU Member State at the time when the shipment took place.*

Figure 2.15: Destination of Hazardous Waste, 2001-2015, in 1,000 tonnes



2.3 Shipment of Waste into EU Member States

Table 2-24: Import of Hazardous Waste, 2001-2015, in 1,000 tonnes

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	32.3	43.2	55.0	107.8	69.3	117.4	101.9	114.9	117.1	119.3	120.8
Belgium	590.9	868.5	777.8	916.0	679.1	704.5	539.0	582.1	638.8	552.8	597.9
Bulgaria				20.9	28.5	23.8	10.1	27.3	59.4	56.0	34.4
Croatia										0.3	0.2
Cyprus										0.6	
Czech Republic	46.2	3.3	2.5	7.6	10.9	21.3	21.7	23.2	28.3	25.6	40.0
Denmark	115.7	107.0	97.4	113.5	91.9	146.6	187.5	234.6	372.6	362.7	284.6
Estonia	1.4	0.7	9.4	14.9	14.1	16.2	18.8	18.0	25.5	22.2	24.4
Finland	6.9	15.5	12.0	11.3	25.9	18.4	31.2	21.0	17.0	31.0	24.4
France	371.0	1,182.1	922.8	1,522.8	2,297.8	2,061.1	2,131.1	719.0	2,570.7	559.1	3,423.1
Germany	799.8	1,243.9	2,172.6	2,617.0	3,035.4	3,112.4	3,461.7	3,077.4	2,743.8	2,682.6	2,685.4
Greece	9.0	25.5	2.8	1.2	3.0	11.6	9.7	6.1	3.1	6.1	26.0
Hungary			1.9	1.5	3.2	0.6	0.4		0.8	5.8	11.2
Ireland			0.0	3.5	2.9	3.3	2.7	6.6	8.4	7.3	8.9
Italy	31.0	194.7	1,334.8	1,116.7	34.5	560.4	785.9	375.3	465.2	123.3	123.8
Latvia	0.1	0.2	0.1	0.2	0.9	3.4	3.9	6.2	2.4	2.1	1.8
Lithuania			0.3	6.8	7.8	7.8	12.4	8.5	6.3	8.4	4.8

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	0.5	1.3	1.9	6.6	5.0	2.1	0.3	1.3	5.3	3.0	4.1
Malta											
Netherlands	153.1	141.6	510.2	1,064.5	1,012.5	440.2	658.5	870.3	817.8	1,072.2	1,040.2
Poland		123.0	6.0	7.9	37.1	44.1	76.6	83.5	77.1	117.8	128.9
Portugal	74.0	0.9	0.1		1.2	0.5	2.6	9.3	5.2	33.4	56.6
Romania					0.1		6.8	6.7	7.6	10.8	15.0
Slovakia	0.6	3.8	1.2	2.6	1.0	1.3	0.4	0.2	0.4	36.9	1.2
Slovenia	20.5	23.2	23.2	27.4	27.5	34.0	36.8	33.8	31.5	36.9	38.9
Spain	206.0	126.6	172.4	222.1	217.1	202.5	306.8	303.6	226.0	244.2	326.8
Sweden	374.9	147.0	136.5	355.1	518.4	681.1	198.0	264.7	332.4	279.4	321.1
United Kingdom	182.2	204.4	129.2	127.9	153.8	162.6	121.5	104.5	101.2	136.6	141.7
EU-13	68.8	154.2	44.4	89.9	131.0	152.5	188.0	207.3	239.2	323.4	300.8
EU-15	2,947.3	4,302.2	6,325.6	8,186.0	8,147.7	8,224.7	8,538.4	6,691.0	8,424.6	6,369.1	9,185.7
EU-28	3,016.2	4,456.4	6,370.0	8,276.0	8,278.8	8,377.2	8,726.4	6,898.4	8,663.8	6,692.5	9,486.4

Table 2-25: Import of Hazardous Waste, 2001-2015, in kg per capita

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	4.0	5.3	6.7	13.0	8.3	14.0	12.1	13.7	13.9	14.0	14.1
Belgium	57.6	83.9	74.5	86.5	63.1	65.0	49.0	52.5	57.2	49.3	53.2
Bulgaria				2.7	3.7	3.1	1.4	3.7	8.2	7.7	4.8
Croatia										0.1	0.0
Cyprus										0.7	
Czech Republic	4.5	0.3	0.2	0.7	1.0	2.0	2.1	2.2	2.7	2.4	3.8
Denmark	21.6	19.9	18.0	20.8	16.7	26.5	33.7	42.0	66.5	64.5	50.3
Estonia	1.0	0.5	6.9	11.1	10.5	12.1	14.1	13.6	19.3	16.9	18.5
Finland	1.3	3.0	2.3	2.1	4.9	3.4	5.8	3.9	3.1	5.7	4.5
France	6.1	19.1	14.7	23.9	35.7	31.8	32.8	11.0	39.2	8.5	51.5
Germany	9.7	15.1	26.3	31.8	37.0	38.0	42.3	37.6	33.5	33.2	33.1
Greece	0.8	2.3	0.3	0.1	0.3	1.0	0.9	0.6	0.3	0.6	2.4
Hungary			0.2	0.1	0.3	0.1	0.0		0.1	0.6	1.1
Ireland			0.0	0.8	0.6	0.7	0.6	1.4	1.8	1.6	1.9
Italy	0.5	3.4	22.8	18.9	0.6	9.3	13.0	6.3	7.8	2.0	2.0
Latvia	0.0	0.1	0.0	0.1	0.4	1.5	1.9	3.1	1.2	1.0	0.9
Lithuania			0.1	2.0	2.3	2.3	4.1	2.8	2.1	2.9	1.6
Luxembourg	1.2	2.8	4.0	13.8	10.2	4.2	0.6	2.5	9.8	5.5	7.4

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Malta											
Netherlands	9.6	8.7	31.3	65.1	61.4	26.6	39.5	52.0	48.7	63.7	61.6
Poland		3.2	0.2	0.2	1.0	1.2	2.0	2.2	2.0	3.1	3.4
Portugal	7.2	0.1	0.0		0.1	0.0	0.2	0.9	0.5	3.2	5.5
Romania					0.0		0.3	0.3	0.4	0.5	0.8
Slovakia	0.1	0.7	0.2	0.5	0.2	0.2	0.1	0.0	0.1	6.8	0.2
Slovenia	10.3	11.6	11.6	13.6	13.5	16.6	17.9	16.4	15.3	17.9	18.8
Spain	5.1	3.0	4.0	5.0	4.7	4.4	6.6	6.5	4.8	5.3	7.0
Sweden	42.2	16.4	15.1	39.0	56.0	72.9	21.0	27.9	34.8	29.0	32.9
United Kingdom	3.1	3.4	2.2	2.1	2.5	2.6	1.9	1.6	1.6	2.1	2.2
EU-13	3.2	2.6	0.6	1.1	1.3	1.9	1.8	2.3	2.4	3.1	2.9
EU-15	7.9	11.4	16.3	21.5	20.5	20.7	21.4	16.7	21.0	15.4	22.7
EU-28	7.6	10.2	13.8	17.9	16.6	17.5	17.4	14.1	17.3	12.9	18.7

Figure 2.16: Import of Hazardous Waste, 2001-2015, in kg per capita

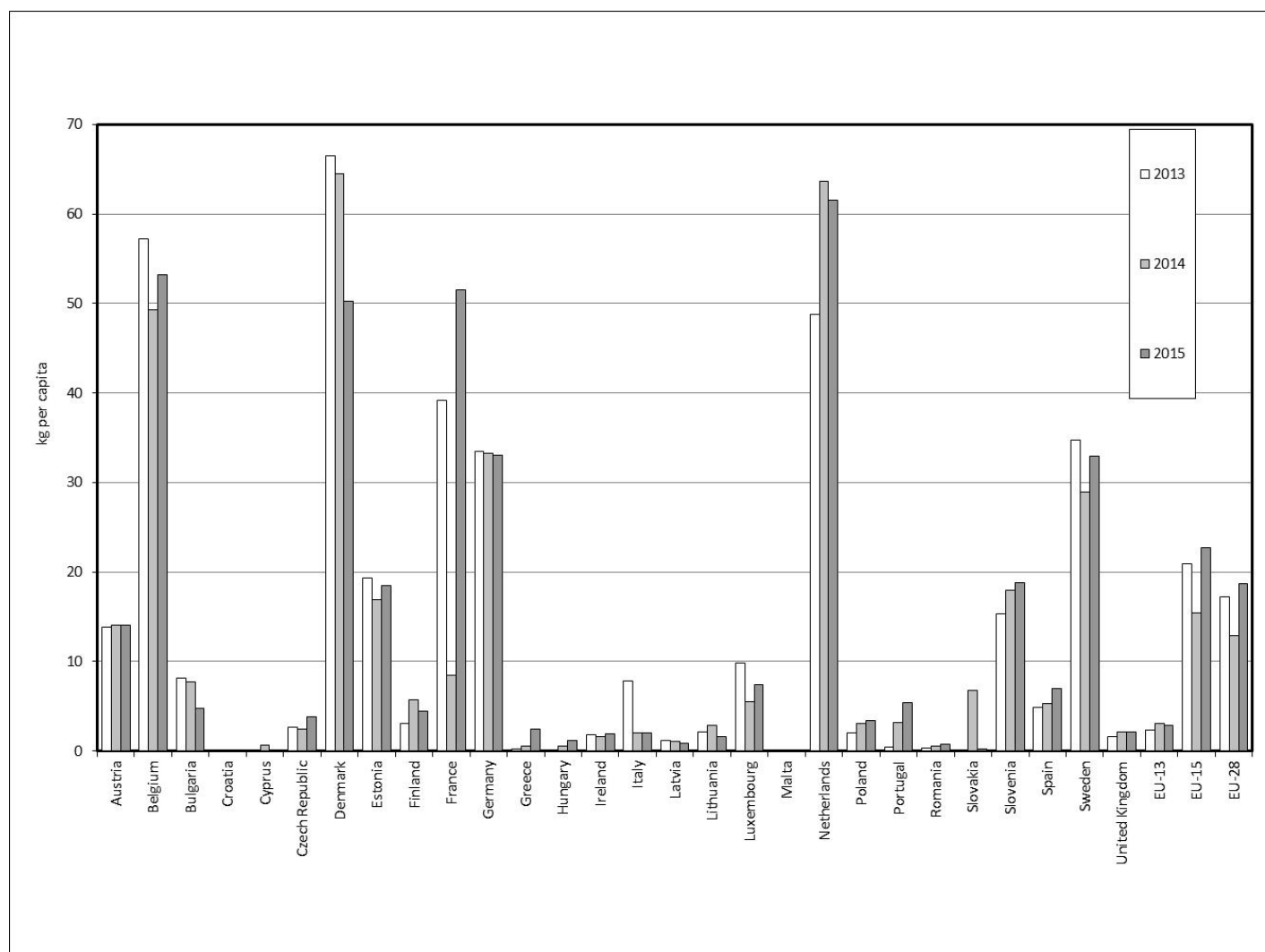


Table 2-26: Import of Hazardous and Other Notified Waste into Member States, 2001-2015, in 1,000 tonnes

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	32.31	48.01	55.08	247.85	219.18	361.68	369.45	637.34	602.94	648.34	659.24
Belgium	645.74	871.62	805.64	1,222.37	679.70	704.54	1,130.53	1,128.87	1,216.94	1,318.24	1,375.07
Bulgaria				20.92	28.50	23.80	10.13	27.28	82.24	68.64	61.36
Croatia										0.33	2.50
Cyprus					1.96	14.73	20.00	9.31	13.21	13.01	41.75
Czech Republic	46.24	3.30	2.48	7.58	10.92	21.31	22.61	184.32	243.63	298.38	282.58
Denmark	118.12	113.90	110.75	139.64	94.59	146.90	189.46	361.24	572.65	651.63	737.24
Estonia	1.39	0.67	9.36	14.91	14.06	16.25	18.84	17.96	53.48	85.56	102.15
Finland	7.96	21.15	17.89	15.11	26.99	75.02	104.01	106.17	73.62	76.92	84.94
France	1,317.07	1,182.69	928.66	1,556.05	2,359.17	2,133.21	2,222.29	2,070.00	2,625.09	4,394.31	3,743.14
Germany	2,630.05	4,853.49	5,964.77	6,240.64	7,626.34	6,861.33	6,451.97	5,880.91	5,891.02	6,426.04	6,519.37
Greece	8.98	25.50	2.82	1.21	2.99	11.57	9.72	6.14	3.85	6.92	26.04
Hungary			17.30	1.48	3.18	0.57	0.40	8.24	122.01	126.08	159.78
Ireland			0.03	4.21	4.85	6.30	6.79	15.20	25.08	32.15	55.72
Italy	1,148.99	1,378.68	1,334.86	1,818.37	728.05	576.36	801.76	1,186.76	721.43	1,508.45	765.11

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Latvia	0.10	0.21	0.06	0.23	0.89	3.43	106.41	129.66	117.78	120.59	119.34
Lithuania			0.31	6.82	7.82	7.75	12.39	8.52	6.27	8.43	14.69
Luxembourg	0.53	1.25	1.87	6.56	5.04	2.13	2.14	4.53	6.98	3.04	4.15
Malta											
Netherlands	511.61	433.80	510.22	1,073.33	1,016.58	1,051.25	1,979.84	2,645.04	3,099.68	4,741.75	4,962.60
Poland		123.00	7.76	7.94	37.08	45.31	76.79	87.65	77.15	117.76	153.82
Portugal	73.98	0.88	0.11		1.18	0.46	2.58	9.35	17.31	67.2	133.12
Romania					0.06		6.83	28.61	7.57	89.72	118.91
Slovakia	0.60	3.84	1.22	2.64	0.99	1.29	363.44	151.99	176.38	228.48	230.25
Slovenia	20.52	23.19	23.16	27.39	27.54	38.01	41.28	37.29	34.31	37.45	40.58
Spain	206.39	165.95	225.97	233.53	231.18	257.40	319.40	330.49	260.47	253.90	443.87
Sweden	395.65	500.08	277.59	617.81	827.18	1,342.78	1,526.46	1,787.19	2,135.63	2,683.83	2,617.63
United Kingdom	182.21	235.31	130.89	157.16	233.74	242.15	249.18	228.74	246.47	369.76	190.32
EU-13	68.85	154.21	61.64	89.92	133.00	172.45	679.13	690.82	934.04	1,194.4	1,327.71
EU-15	7,279.58	9,832.31	10,367.14	13,333.85	14,056.76	13,773.07	15,365.57	16,397.98	17,499.15	23,182.5	22,317.55
EU-28	7,348.43	9,986.52	10,428.79	13,423.76	14,189.76	13,945.52	16,044.70	17,088.80	18,433.19	24,376.9	23,645.26

Table 2-27: Import of Hazardous and All Other Notified Waste into Member States, 2001-2015, in kg per capita

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	4.0	5.9	6.7	29.8	26.1	43.1	43.9	75.7	71.2	76.1	76.7
Belgium	62.7	84.0	76.9	115.0	62.9	64.7	102.4	101.3	108.6	117.2	121.9
Bulgaria				2.7	3.7	3.1	1.4	3.7	11.3	9.5	8.5
Croatia											
Cyprus										0.1	0.6
Czech Republic	4.5	0.3	0.2	0.7	1.0	2.0	2.1	17.5	23.2	28.4	26.8
Denmark	22.0	21.1	20.4	25.5	17.1	26.5	34.0	64.6	102.1	115.7	130.2
Estonia	1.0	0.5	6.9	11.1	10.5	12.1	14.1	13.5	40.5	65.0	77.7
Finland	1.5	4.0	3.4	2.8	5.0	14.0	19.3	19.6	13.5	14.1	15.5
France	21.5	18.9	14.6	24.2	36.3	32.7	33.8	31.2	39.6	66.3	55.8
Germany	31.6	58.3	71.6	75.0	92.0	82.9	77.8	70.9	70.9	78.6	79.4
Greece	0.8	2.3	0.3	0.1	0.3	1.0	0.9	0.5	0.3	0.6	2.4
Hungary			1.7	0.1	0.3	0.1	0.0	0.8	12.3	12.8	16.2
Ireland			0.0	1.0	1.0	1.3	1.3	3.0	5.0	6.3	10.9
Italy	20.2	24.0	22.8	30.7	12.1	9.5	13.2	20.0	12.1	24.8	12.5
Latvia	0.0	0.1	0.0	0.1	0.4	1.5	51.3	63.4	58.2	60.2	60.1
Lithuania			0.1	2.0	2.3	2.3	4.1	2.8	2.1	2.9	5.0
Luxembourg	1.2	2.8	4.0	13.8	10.2	4.2	4.2	8.6	13.0	5.5	7.4

Member State	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Malta											
Netherlands	31.9	26.7	31.2	65.5	61.5	63.3	118.7	157.9	184.5	281.5	293.4
Poland		3.2	0.2	0.2	0.9	1.2	2.0	2.2	1.9	3.0	4.0
Portugal	7.2	0.1	0.0		0.1	0.0	0.2	0.9	1.6	6.4	12.8
Romania					0.0		0.3	1.4	0.4	4.4	5.9
Slovakia	0.1	0.7	0.2	0.5	0.2	0.2	67.3	28.1	32.6	42.2	42.5
Slovenia	10.3	11.6	11.6	13.6	13.5	18.6	20.1	18.1	16.7	18.2	19.7
Spain	5.0	3.9	5.1	5.1	5.0	5.5	6.8	6.9	5.4	5.3	9.2
Sweden	44.5	55.9	30.8	67.7	89.2	143.6	161.9	188.2	223.2	277.9	268.2
United Kingdom	2.8	3.9	2.1	2.5	3.7	3.8	3.9	3.5	3.8	5.6	2.8
EU-13	3.2	2.6	0.8	1.1	1.3	2.1	6.6	6.8	9.3	11.4	12.7
EU-15	19.4	26.0	26.7	35.0	35.5	34.6	38.5	41.0	43.6	57.7	55.3
EU-28	18.5	22.8	22.6	29.1	28.4	29.1	32.0	34.1	36.7	48.1	46.5

Figure 2.17: Import of Hazardous and All Other Notified Waste into Member States, 2001-2015, in kg per capita

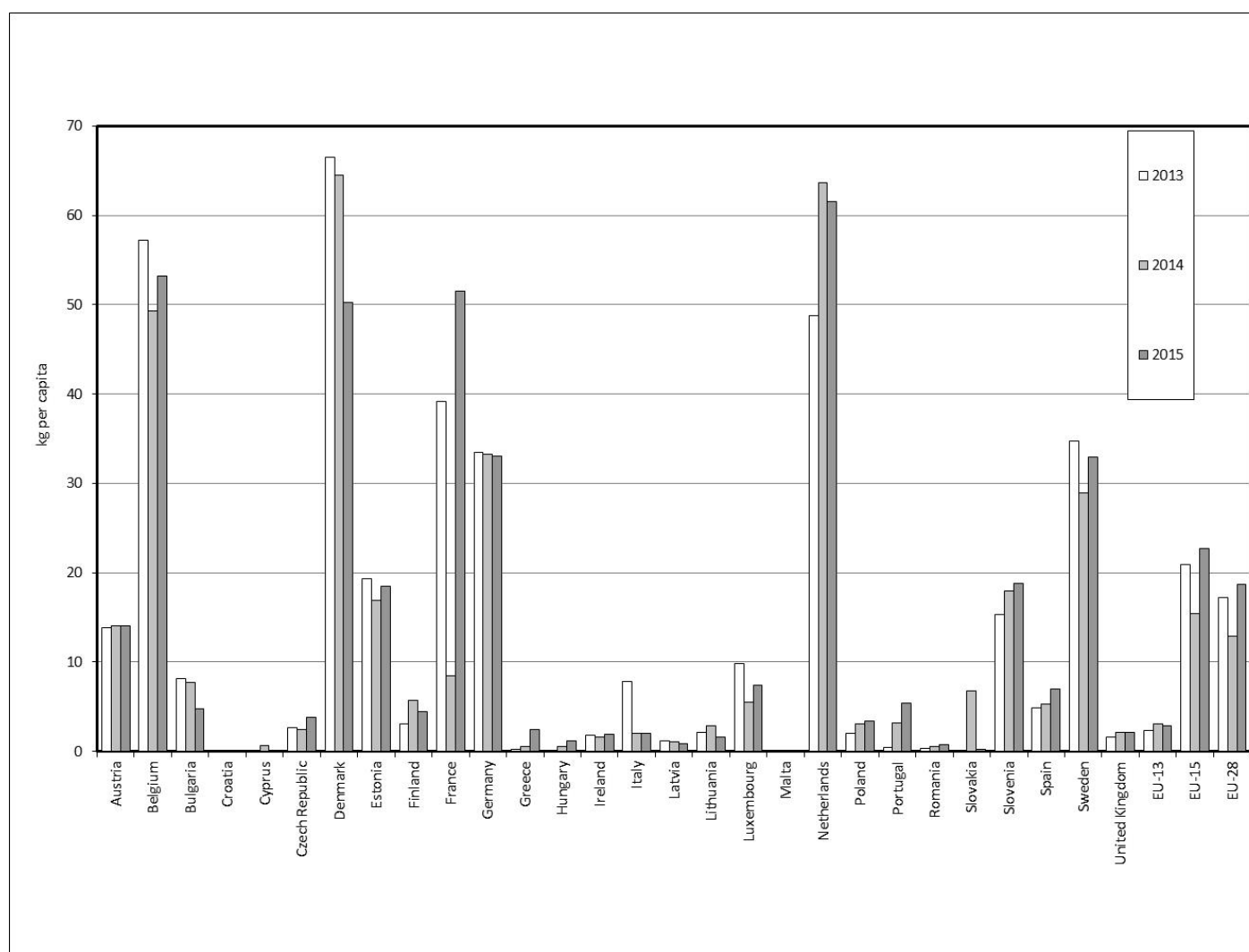


Table 2-28: Distribution of Imported Waste in by Waste Type 2015, in tonnes

Member State	Hazardous	Non-hazardous	Unclassified	Total
Austria	120,843	538,401		659,244
Belgium	597,968	777,101		1,375,070
Bulgaria	34,404	26,959		61,363
Croatia	878		1,627	2,505
Cyprus		41,746		41,746
Czech Republic	40,025	242,559		282,584
Denmark	284,632	452,607		737,239
Estonia	24,372	77,774		102,146
Finland	24,417	60,519		84,937
France	3,710,069	33,068		3,743,137

Germany	2,685,441	3,833,930		6,519,371
Greece	26,041			26,041
Hungary	11,242	148,539		159,781
Ireland	8,878	5,058	41,784	55,720
Italy	118,870	646,236		765,106
Latvia	1,773	117,566		119,339
Lithuania	4,807	9,884		14,691
Luxembourg	4,147			4,147
Malta				
Netherlands	1,040,246	3,922,350		4,962,595
Poland	128,921	24,899		153,820
Portugal	56,566	76,557		133,123
Romania	14,950	103,961		118,911
Slovakia	1,231	229,018		230,249
Slovenia	38,882	1,693		40,575
Spain	326,809	12,387	104,676	443,872
Sweden	321,099	2,296,536		2,617,635
United Kingdom	141,728	48,590		190,318
EU-13	301,484	1,024,599	1,627	1,327,710
EU-15	9,467,754	12,703,339	146,460	22,317,553
EU-28	9,769,238	13,727,938	148,087	23,645,263

Figure 2.18: Distribution of Imported Waste by Waste Type in 2015, in % distribution

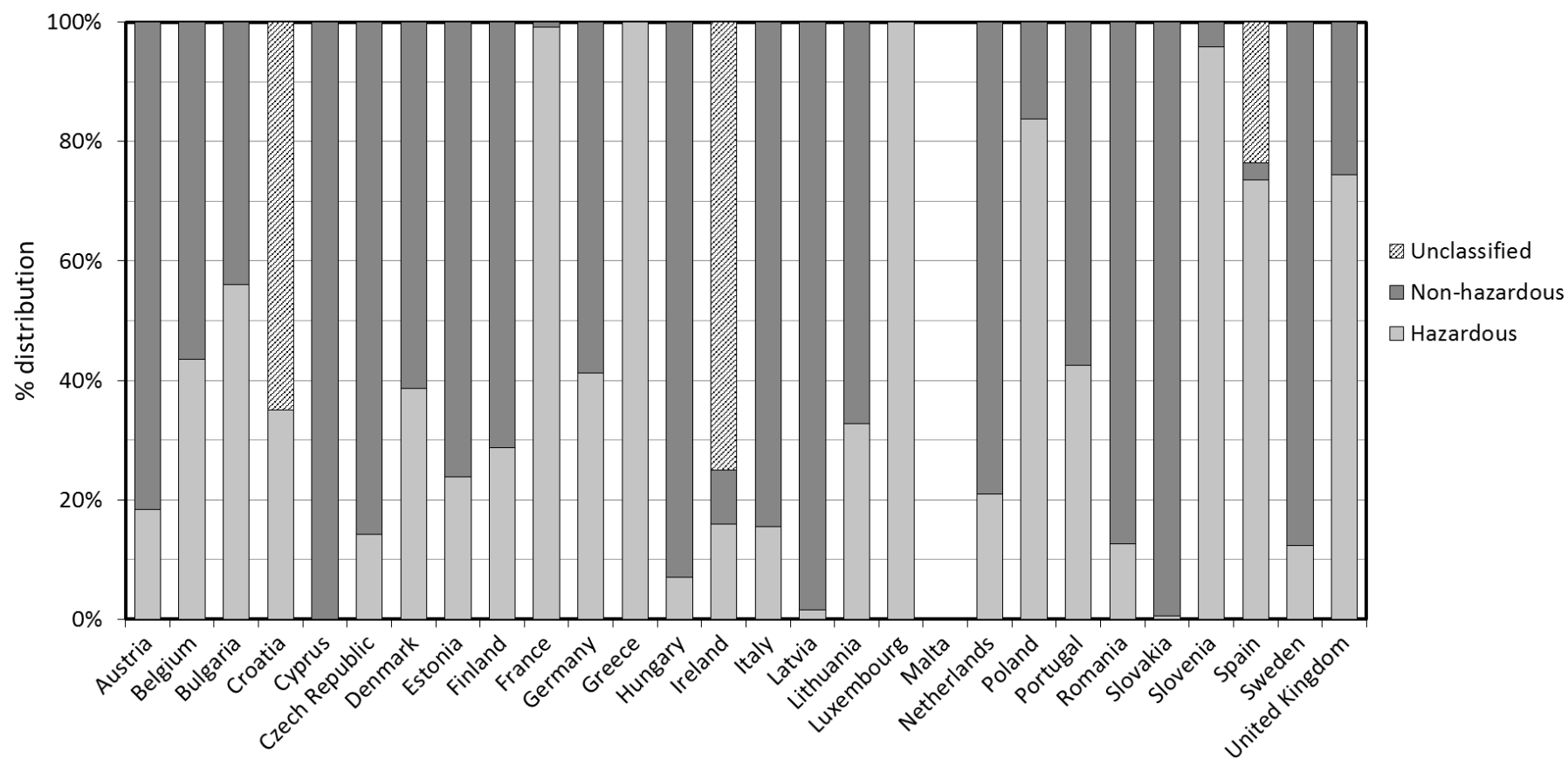


Table 2-29: Distribution of Imported Waste by Waste Type in 2014, in tonnes

Member State	Hazardous	Non-hazardous	Unclassified	Total
Austria	122,537	529,008		651,544
Belgium	559,067	765,398		1,324,465
Bulgaria	55,963	12,682		68,644
Croatia	2,004			2,004
Cyprus	568	12,446		13,014
Czech Republic	25,635	272,748		298,383
Denmark	362,783	288,901		651,684
Estonia	22,206	63,359		85,565
Finland	30,984	45,936		76,919
France	686,388	3,835,169	74	4,521,632
Germany	2,698,480	3,743,425		6,441,905
Greece	6,063	864		6,927
Hungary	5,780	120,296		126,076
Ireland	7,270	24,876		32,146
Italy	123,276	1,385,193		1,508,469
Latvia	2,093	118,496		120,589
Lithuania	10,461			10,461
Luxembourg	3,043			3,043
Malta				
Netherlands	1,072,999	3,669,555		4,742,554
Poland	117,765			117,765
Portugal	33,414	33,780		67,194
Romania	10,782	78,936		89,718
Slovakia	36,887	191,594		228,481
Slovenia	36,948	498		37,446
Spain	244,552	9,697		254,249
Sweden	279,420	2,404,430		2,683,850
United Kingdom	203,349	233,172		436,522
EU-13	327,091	871,055	74	1,198,146

EU-15	6,589,781	16,969,403	74	23,559,259
EU-28	6,916,873	17,840,458	74	24,757,405

Figure 2.19: Distribution of Imported Waste by Waste Type in 2014, in % distribution

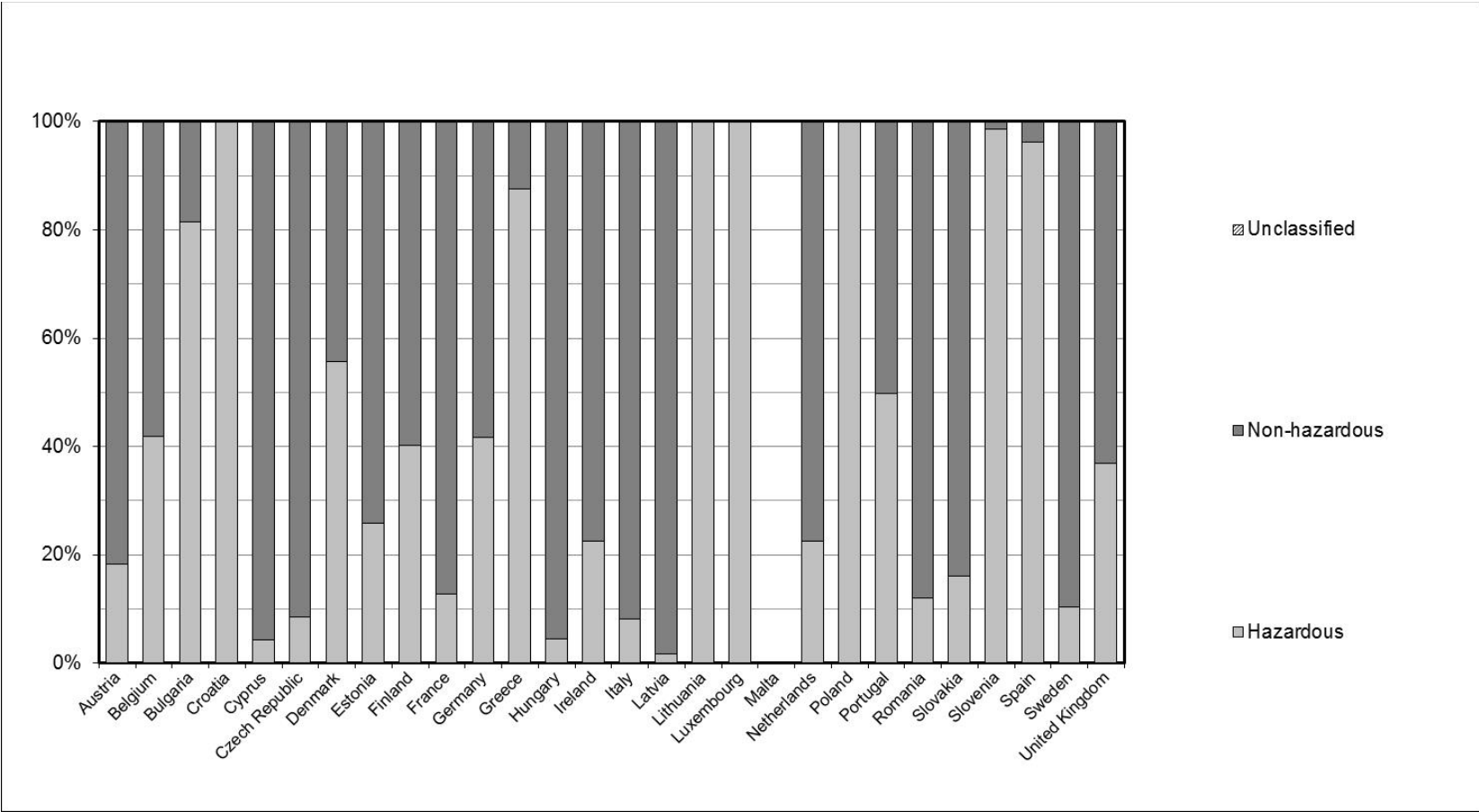


Table 2-30: Distribution of Imported Waste by Waste Type in 2013, in tonnes

Member State	Hazardous	Non-hazardous	Total
Austria	118,674	485,872	604,546
Belgium	647,545	578,136	1,225,681
Bulgaria	59,403	22,835	82,238
Croatia			
Cyprus		13,211	13,211
Czech Republic	28,287	215,348	243,635
Denmark	372,598	200,055	572,652
Estonia	25,510	27,972	53,482
Finland	17,005	56,637	73,642
France	2,696,457	54,370	2,750,827
Germany	2,752,446	3,147,206	5,899,652
Greece	3,344	713	4,057
Hungary	791	121,218	122,009
Ireland	8,377	16,700	25,077
Italy	465,232	256,202	721,434
Latvia	2,360	115,423	117,783
Lithuania	9,010		9,010
Luxembourg	5,265	1,710	6,975
Malta			
Netherlands	818,536	2,281,878	3,100,414
Poland	77,093	60	77,153
Portugal	5,186	12,127	17,313
Romania	7,559	12	7,571
Slovakia	359	176,019	176,378
Slovenia	31,547	2,764	34,311
Spain	295,148	34,516	329,663
Sweden	332,409	1,803,220	2,135,629
United Kingdom	170,095	145,231	315,326
EU-13	241,919	694,863	936,782
EU-15	8,708,317	9,074,571	17,782,888
EU-28	8,950,236	9,769,434	18,719,669

Figure 2.20: Distribution of Imported Waste by Waste Type in 2013, in % distribution

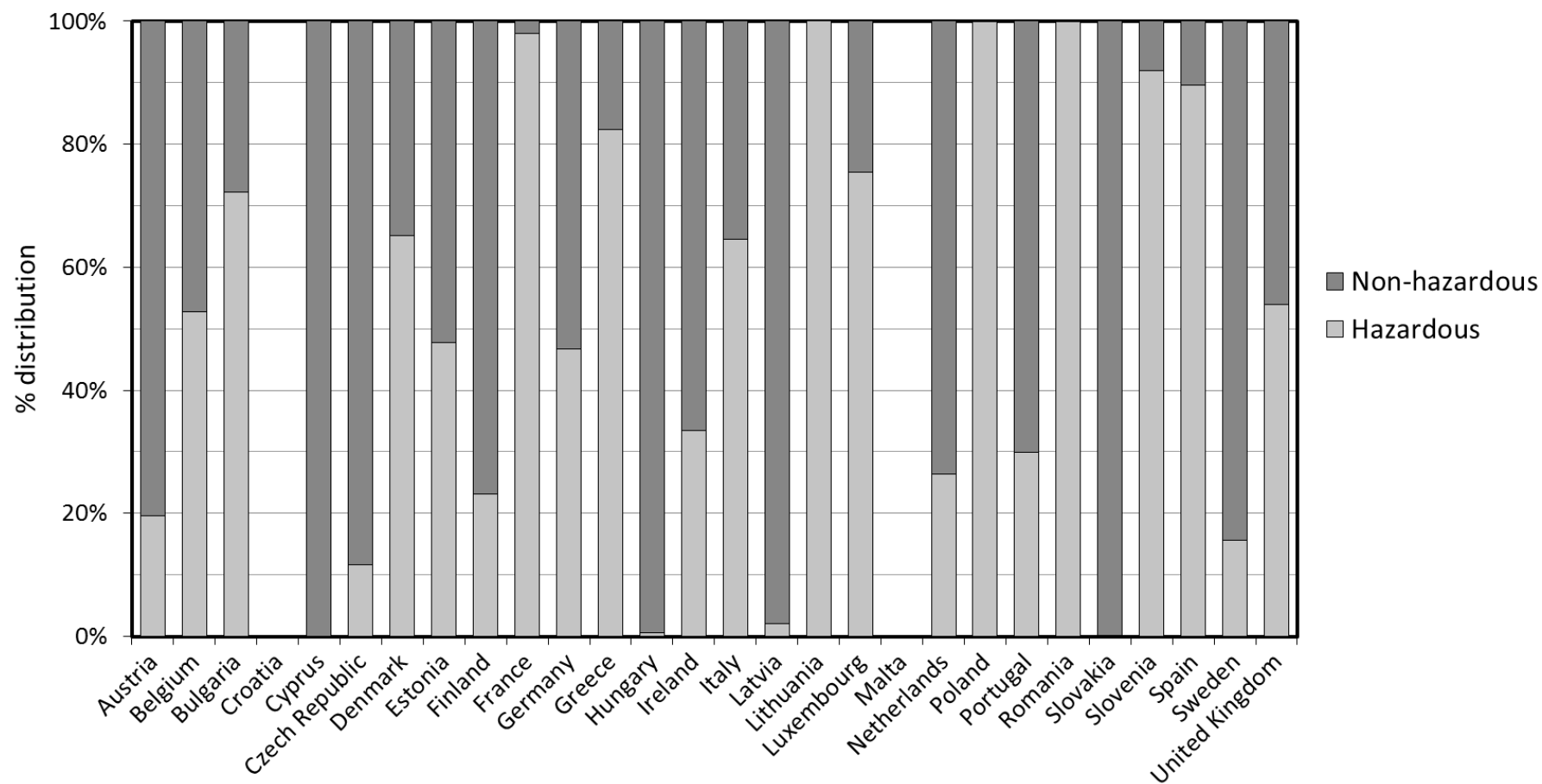


Table 2-31: Treatment of Hazardous Waste Shipped into Member States, 2001-2015, in tonnes

Year	Disposal	Recovery	Mix	Not specified	EU-28 Total
2001	344,529	2,669,619	24	2,020	3,016,192
2002	460,351	2,954,296	4,948	10,644	3,430,239
2003	491,730	3,961,137	156	3,362	4,456,385
2004	696,993	4,559,399	621		5,257,013
2005	1,238,257	5,130,532	21	1,171	6,369,981
2006	1,631,499	6,716,285	379	44,302	8,392,465
2007	1,837,172	6,437,153	114	1,523	8,275,962
2008	2,199,082	5,283,210	907		7,483,199
2009	2,082,679	6,196,050	22		8,278,751
2010	1,681,625	6,694,535	784	229	8,377,172
2011	2,061,834	6,658,158	6,354	100	8,726,446
2012	2,057,328	4,832,811	7,821	406	6,898,367
2013	1,691,296	6,964,714	7,314	429	8,663,753
2014	1,807,071	4,714,617	3,187	11,438	6,536,314
2015	1,827,185	7,650,385	8,622	253	9,486,445

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Figure 2.21: Treatment of Hazardous Waste Shipped into Member States, 2001-2015, in million tonnes

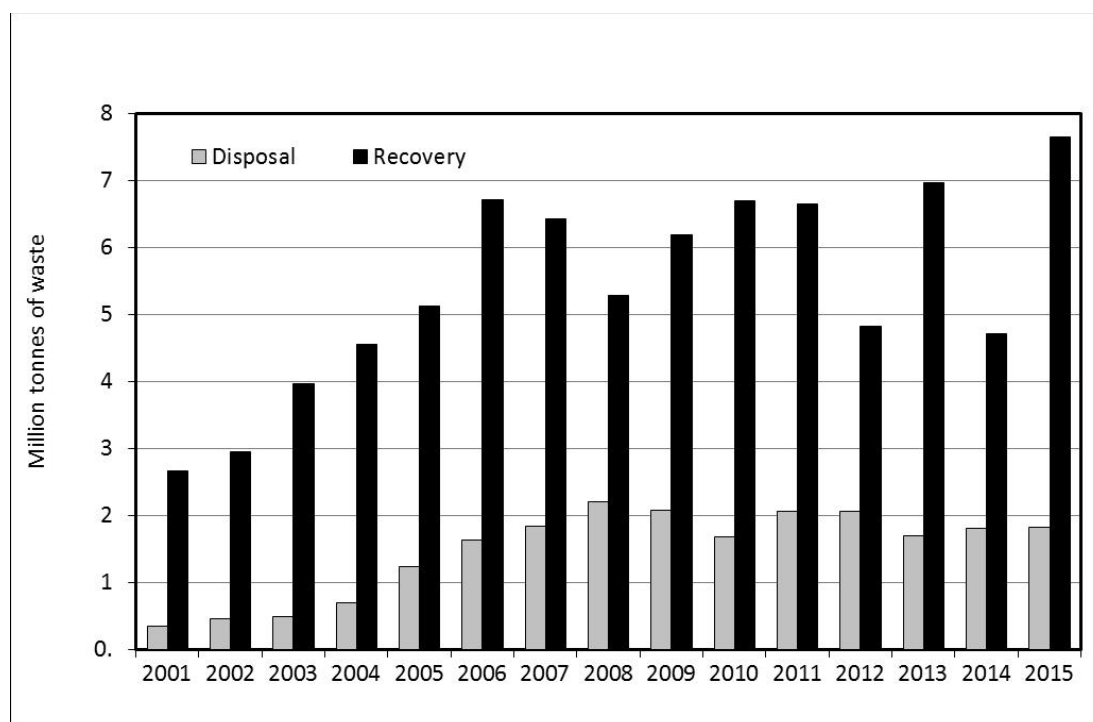
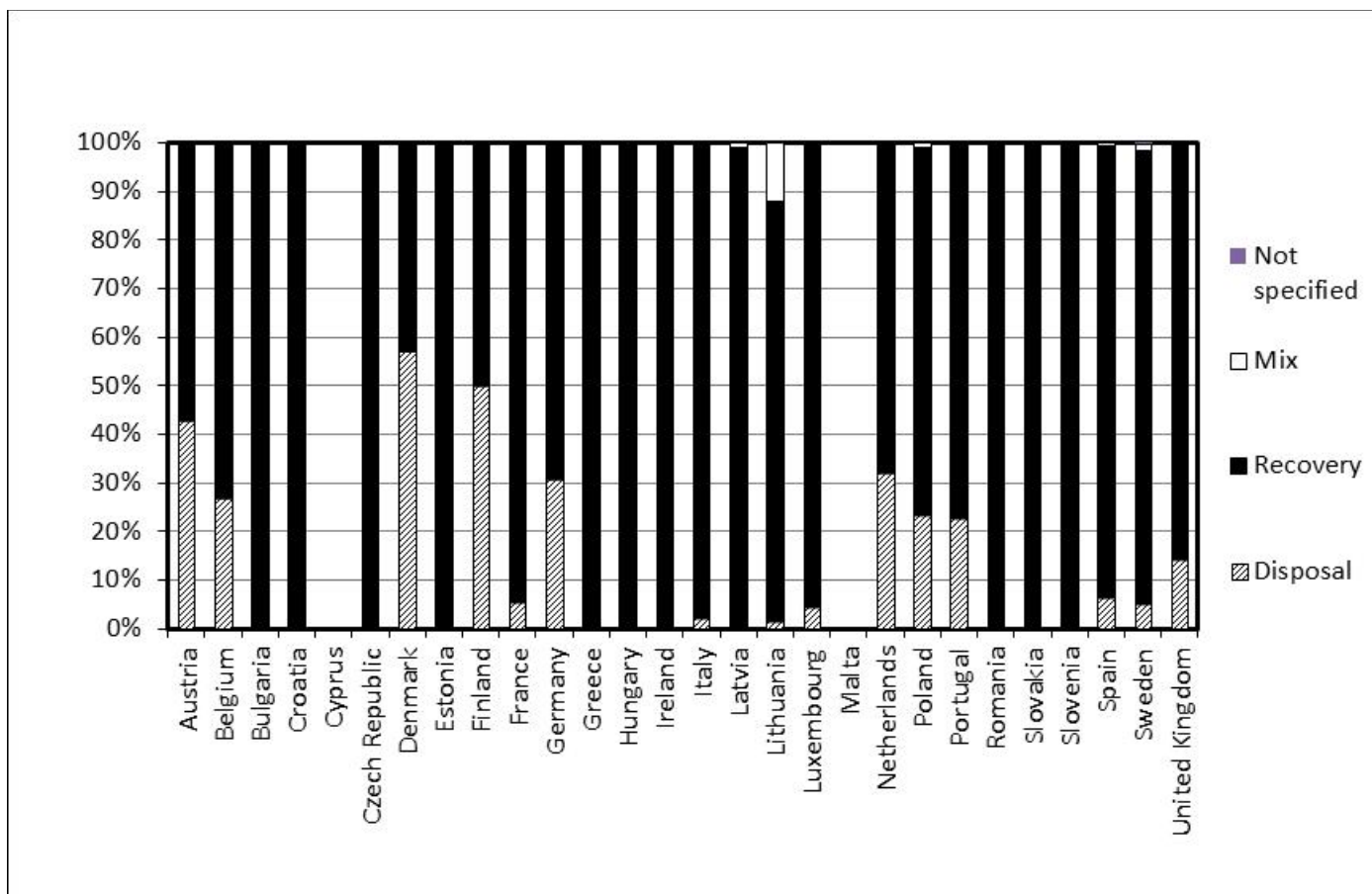


Table 2-32: Treatment of Hazardous Waste Shipped into Member States in 2015, in tonnes

Member State	Disposal	Recovery	Mix	Not specified	Total
Austria	51,874	68,969			120,843
Belgium	159,463	438,439			597,902
Bulgaria		34,404			34,404
Croatia		168			168
Cyprus					
Czech Republic		40,025			40,025
Denmark	162,610	122,022			284,632
Estonia	12	24,359			24,372
Finland	12,226	12,192			24,417
France	181,233	3,240,803	1,108		3,423,145
Germany	824,002	1,861,438			2,685,441
Greece	41	26,000			26,041
Hungary		11,242			11,242
Ireland		8,878			8,878
Italy	2,352	121,426			123,778
Latvia		1,756	17		1,773
Lithuania	62	4,166	578		4,807
Luxembourg	175	3,972			4,147
Malta					
Netherlands	334,011	706,235			1,040,246
Poland	29,815	98,211	894		128,921
Portugal	12,664	43,903			56,566
Romania		14,950			14,950
Slovakia		1,231			1,231
Slovenia		38,882			38,882
Spain	20,695	304,404	1,710		326,809
Sweden	15,815	300,716	4,315	253	321,099
United Kingdom	20,134	121,594			141,728
EU-28	1,827,185	7,650,385	8,622	253	9,486,445

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Figure 2.22: Treatment of Hazardous Waste Shipped into Member States in 2015, in % distribution



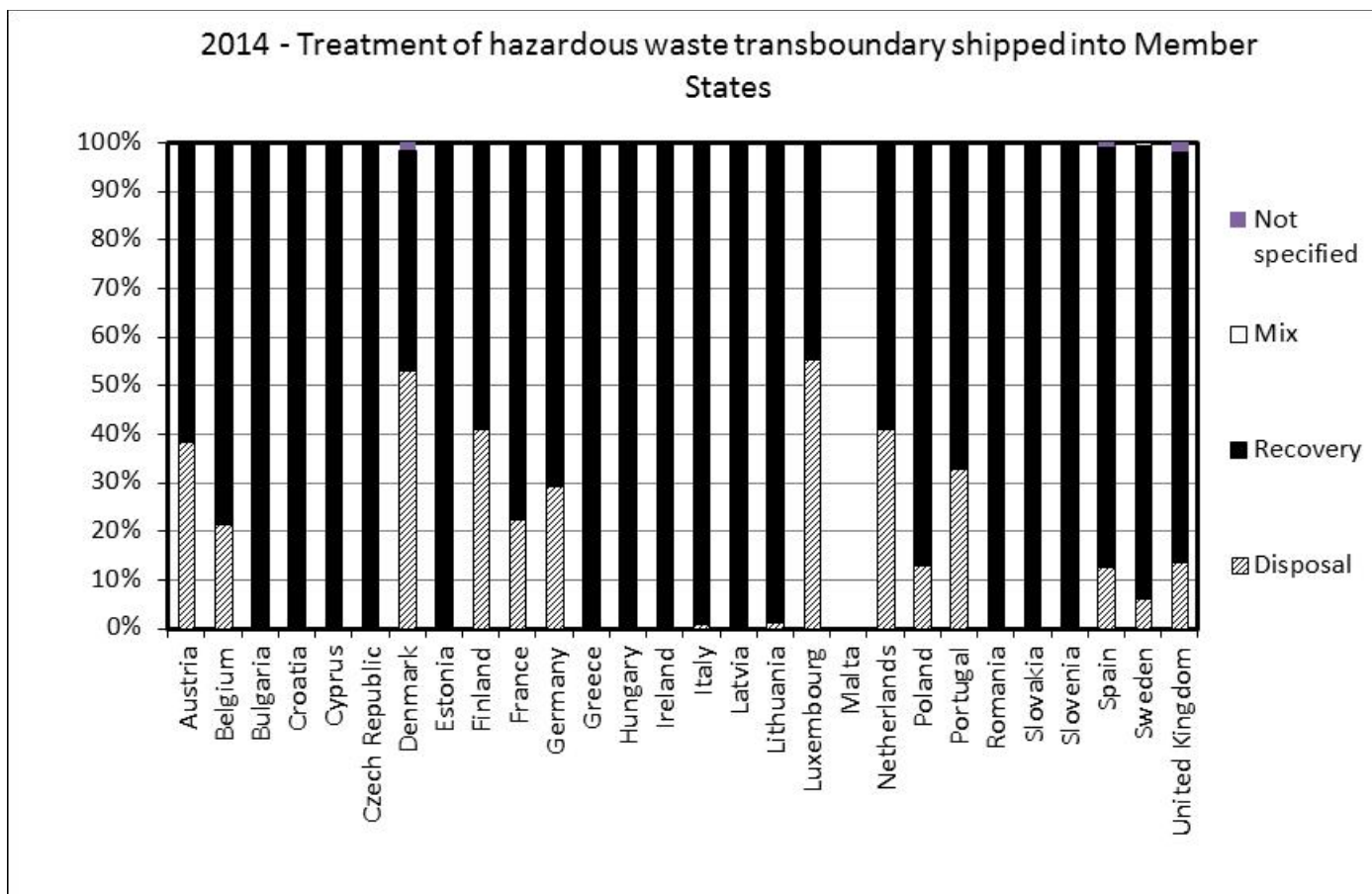
The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Table 2-33: Treatment of Hazardous Waste Shipped into Member States in 2014, in tonnes

Member State	Disposal	Recovery	Mix	Not specified	Total
Austria	45,585	73,747			119,332
Belgium	117,223	435,554			552,777
Bulgaria		55,963			55,963
Croatia		334			334
Cyprus		568			568
Czech Republic		25,635			25,635
Denmark	192,150	164,256		6,320	362,726
Estonia	11	22,195			22,206
Finland	12,598	18,386			30,984
France	124,331	434,734			559,066
Germany	782,806	1,899,807			2,682,613
Greece	1	6,054			6,055
Hungary		5,780			5,780
Ireland		7,270			7,270
Italy	985	122,276			123,261
Latvia		2,093			2,093
Lithuania	87	8,346			8,433
Luxembourg	1,675	1,368			3,043
Malta					
Netherlands	438,312	633,880			1,072,192
Poland	15,170	102,231	364		117,765
Portugal	10,868	22,546			33,414
Romania		10,782			10,782
Slovakia		36,887			36,887
Slovenia		36,948			36,948
Spain	30,268	211,217	484	2,234	244,203
Sweden	16,501	260,555	2,339		279,395
United Kingdom	18,500	115,206		2,884	136,590
EU-28	1,807,071	4,714,617	3,187	11,438	6,536,314

The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Figure 2.23: Treatment of Hazardous Waste Shipped into Member States in 2014, in % distribution



The term "Mix" refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term "Not specified" refers to notifications of waste where the treatment type is not reported.

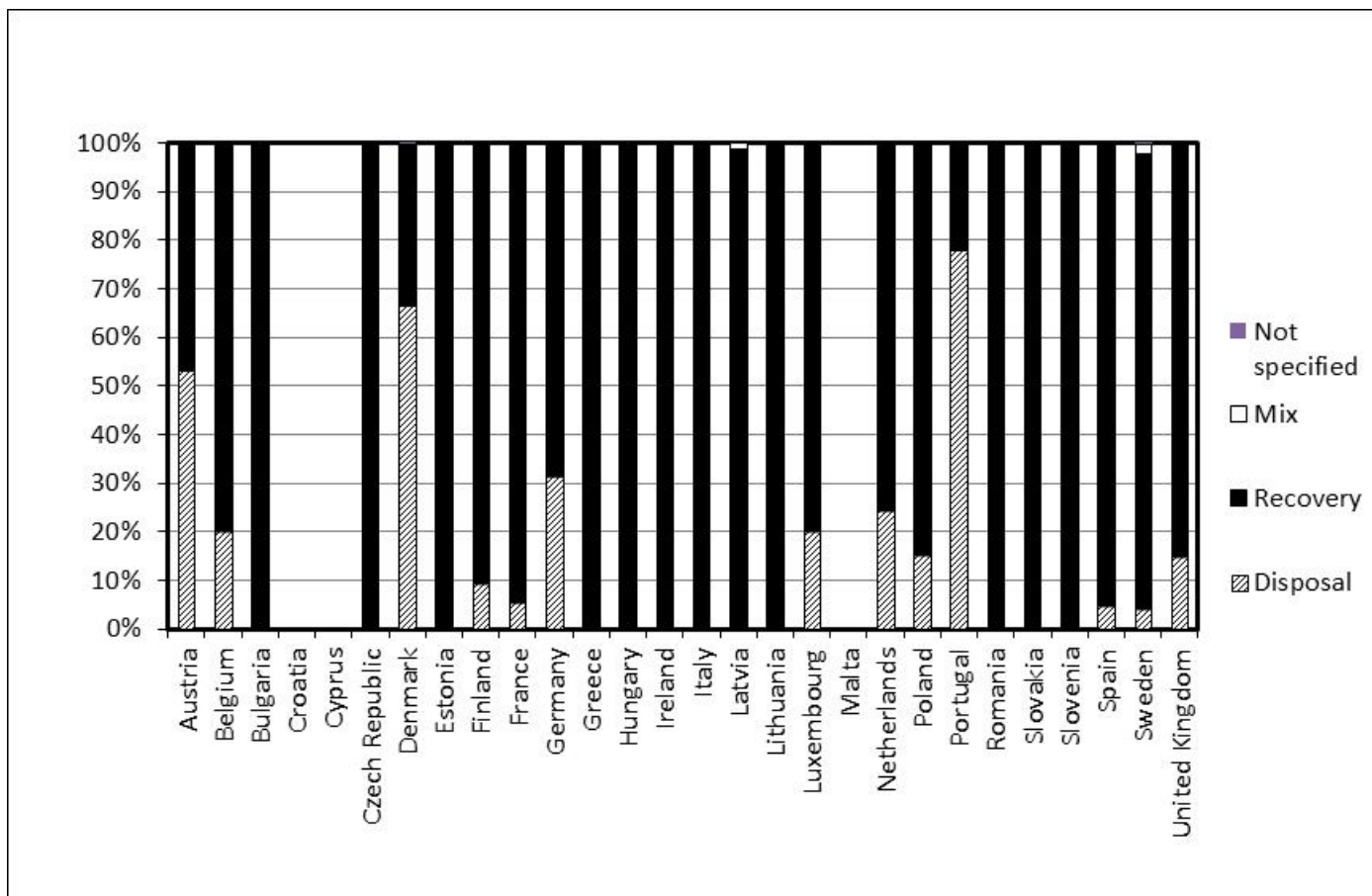
Table 2-34: Treatment of Hazardous Waste Shipped into Member States in 2013, in tonnes

Member State	Disposal	Recovery	Mix	Not specified	Total
Austria	62,101	54,968			117,069
Belgium	128,236	510,566			638,802
Bulgaria		59,403			59,403
Croatia					
Cyprus					
Czech Republic		28,287			28,287
Denmark	248,391	124,164		42	372,598
Estonia	0.3	25,509			25,510
Finland	1,564	15,419			16,983
France	135,840	2,434,875			2,570,715
Germany	861,248	1,882,571			2,743,818
Greece	6	3,127			3,133
Hungary		791			791
Ireland		8,377			8,377
Italy	1,520	463,712			465,232
Latvia		2,330	30		2,360
Lithuania		6,266			6,266
Luxembourg	1,058	4,207			5,265
Malta					
Netherlands	197,876	619,924		0	817,799
Poland	11,693	65,400			77,093
Portugal	4,042	1,145			5,186
Romania		7,559			7,559
Slovakia		359			359
Slovenia		31,547			31,547
Spain	10,297	215,445	214		225,956
Sweden	12,672	312,280	7,070	387	332,409
United Kingdom	14,753	86,484			101,237
EU-28	1,691,296	6,964,71	7,314	429	8,663,75

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The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Figure 2.24: Treatment of Hazardous Waste Shipped into Member States in 2013, in % distribution



The term “Mix” refers to notifications of waste where a mix of Recovery and Disposal codes have been used to classify the treatment. The term “Not specified” refers to notifications of waste where the treatment type is not reported.

Table 2-35: All Hazardous Waste and Other Notified Wastes Shipped into EU-groups, 2001-2015, in 1,000 tonnes

To	Year	EU-28	EFTA	OECD (non- EFTA)	Non- OECD	From	
						Unkno wn	Total
EU-28	2001	6,616	675	31	27	6	7,348
	2002	7,514	669	12	48	93	8,242
	2003	8,736	1,052	129	69	159	9,987
	2004	10,196	680	77	80	3	11,033
	2005	9,250	1,089	14	76	13	10,429
	2006	10,655	1,634	27	68	2	12,383
	2007	11,906	1,384	53	81		13,424
	2008	10,605	1,598	77	220	0.1	12,500
	2009	12,167	1,792	40	191	0.2	14,190
	2010	11,500	2,121	53	270		13,946
	2011	13,176	2,566	112	191		16,045
	2012	13,440	3,260	93	295		17,089
	2013	14,175	3,927	86	245		18,433
	2014	19,137	4,978	90	171	9	24,377
	2015	18,580	4,495	185	390	6	23,650

Figure 2.25: All Hazardous Waste and Other Notified Wastes Shipped into EU-groups, 2001-2015, in 1,000 tonnes

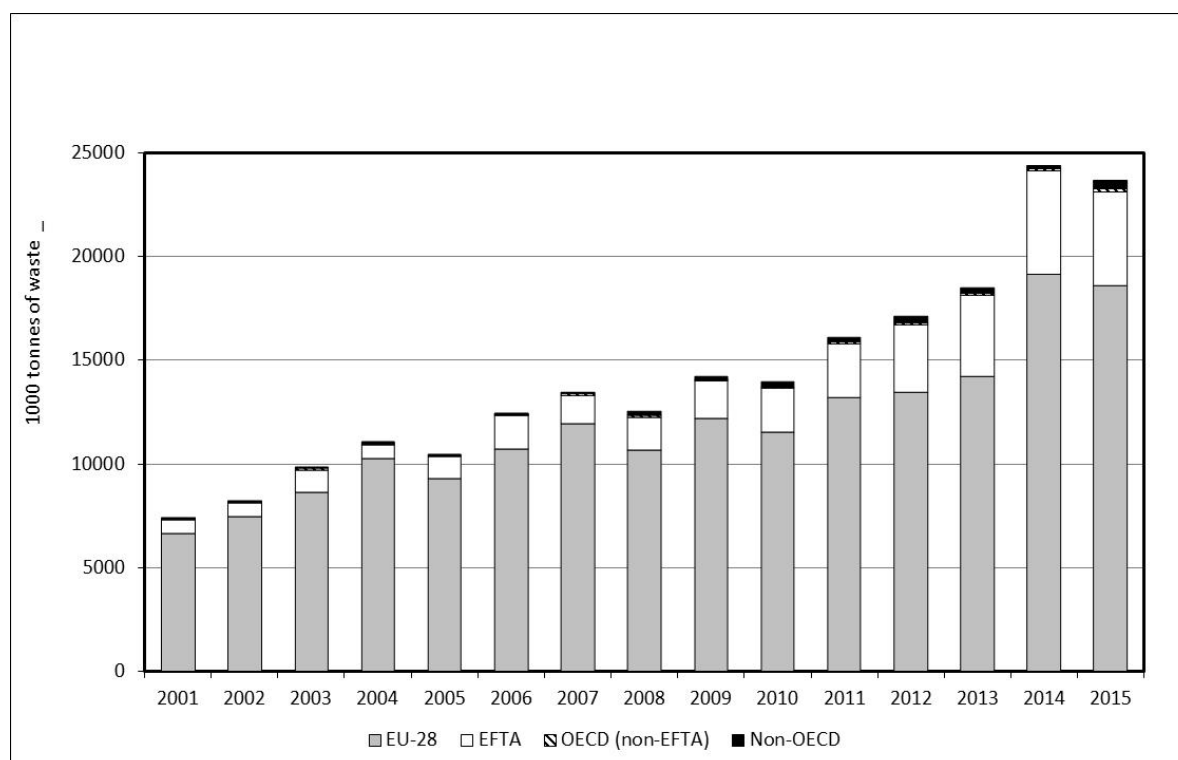
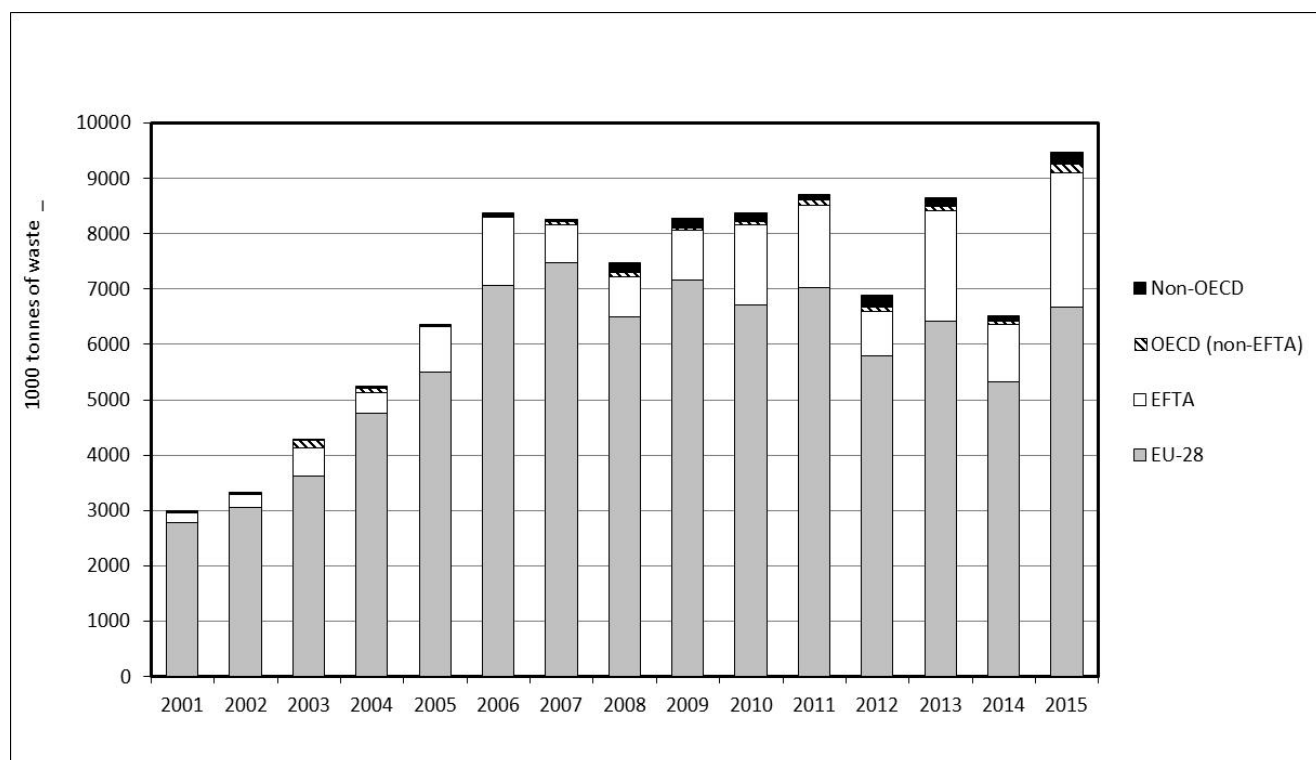


Table 2-36: All Hazardous Waste Shipped into EU-groups, 2001-2015, in 1,000 tonnes

To	Year	EU-28	EFTA	OECD (non- EFTA)	Non- OECD	Unkno wn	From
							Total
EU-28	2001	2,791	173	29	23	6	3,016
	2002	3,159	221	10	40	89	3,430
	2003	3,791	511	128	28	159	4,456
	2004	4,768	381	73	36	3	5,257
	2005	5,514	813	12	30	3	6,370
	2006	7,068	1,238	25	61	2	8,392
	2007	7,484	688	51	53		8,276
	2008	6,507	723	76	177	0.1	7,483
	2009	7,167	910	39	162	0.2	8,279
	2010	6,732	1,438	53	154		8,377
	2011	7,033	1,498	98	97		8,726
	2012	5,802	807	77	211		6,898
	2013	6,429	1,989	77	169		8,664
	2014	5,343	1,020	71	102	0.1	6,536
	2015	6,676	2,426	159	226	6	9,486

Figure 2.26: All Hazardous Waste Shipped into EU-groups, 2001-2015, in 1,000 tonnes



2.4 Import and Export of Waste within the EU and to and from Countries Outside the EU

Table 2-37: Top Treatment (Recovery) of All Notified Waste Exported by EU Member States, 2001-2015, in 1,000 tonnes

Recovery Code Corrected	Waste Management	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
R1	Use as a fuel (other than in direct incineration) or other means to generate energy	792	1,314	1,527	1,945	2,182	2,691	3,144	3,957	5,178	6,939	7,444
R5	Recycling/reclamation of other inorganic materials	576	1,074	1,284	1,911	1,349	1,647	2,195	1,988	2,159	3,024	3,186
R4	Recycling/reclamation of metals and metal compounds	1,378	1,424	1,299	1,690	1,370	1,696	3,125	2,106	1,774	2,371	1,803
R3	Recycling/reclamation of organic substances which are not used as solvents	1,335	1,416	1,151	1,457	944	1,222	1,181	1,271	1,181	1,342	1,376
Mix	Mix of 2 or more R and D codes	234	463	353	380	563	875	644	561	940	1,141	1,493
R12	Exchange of wastes for submission to any of the operations numbered R1-R11	33	123	215	284	620	579	869	792	839	929	948
R10	Land treatment resulting in benefit to agriculture or ecological improvement	6	149	93	89	1,680	196	63	53	43	74	128
R13	Accumulation of material intended for any operation in Section B	387	771	471	249	155	64	96	67	121	58	51

Recovery Code Corrected	Waste Management	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
R9	Used oil re-refining or other reuses of previously used oil	124	91	163	256	197	223	239	242	302	337	280
R11	Uses of residual materials obtained from any of the operations numbered R1-R10	50	38	184	58	9	132	54	96	94	119	157
R2	Solvent reclamation/regeneration	51	55	62	80	78	69	67	67	92	82	87
R6	Regeneration of acids or bases	112	79	54	43	22	25	20	11	19	24	19
R7	Recovery of components used for pollution abatement	11	22	17	44	32	88	22	23	24	21	21
R8	Recovery of components from catalysts	10	8	7	14	9	16	15	18	16	19	25
Not specified	The exact R code is not specified	13	1		57		3		1			
Total		5,112	7,027	6,881	8,557	9,212	9,526	11,735	11,253	12,784	16,481	17,016

Waste reportings, where it could not be determined whether the waste was subject to recovery or disposal treatment, are excluded from this table.

Table 2-38: Top Treatment (Disposal) of All Notified Waste Exported by EU Member States, 2001-2015, in 1,000 tonnes

Disposal Code Corrected	Waste Management	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
D10	Incineration on land	538	684	896	993	1,548	1,498	1,480	1,449	1,378	1,087	1,055
D1	Deposit into or onto land, (e.g., landfill, etc.)	172	155	413	626	750	471	572	624	485	472	621
D9	Physico chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations in Section A, (e.g., evaporation, drying, calcination, neutralization, precipitation, etc.)	214	245	404	283	160	180	179	189	189	145	97
Mix	Mix of 2 or more R and D codes	17	72	68	2	5	257	240	108	143	158	166
D5	Specially engineered landfill, (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)	5	120	20	76	79	181	185	161	25	107	49
D8	Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by	36	57	65	130	26	15	83	77	66	99	131

Disposal Code Corrected	Waste Management	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
	means of any of the operations in Section A											
D12	Permanent storage (e.g., emplacement of containers in a mine, etc.)	69	60	52	70	51	71	24	33	66	65	34
D15	Storage pending any of the operations in Section A	8	4	49	1	0.3	1	31	81	6	5	10
D13	Blending or mixing prior to submission to any of the operations in Section A	26	55	44	22	5	4	6	18	3	1	5
D14	Repackaging prior to submission to any of the operations in Section A	0.03	0.03	1	19	1	3	5	3	2	0.1	0.1
D4	The exact D code is not specified	2	4	2		1		1	0.1		1	
Not specified	No R or D code reported by the Member State	1	9					0.1				
D2	Land treatment, (e.g., biodegradation of liquid or sludgy discards in soils, etc.)		1	0.1		0.1						4
D6	Release into a water body except seas/oceans			2			1					
D3	Deep injection, (e.g., injection of pumpable discards into wells, salt		1	0.5	0.3				0.03	0.01		

Dispos al Code Correc ted	Waste Management	200 1	200 3	200 5	200 7	200 9	201 0	201 1	201 2	201 3	201 4	201 5
	domes of naturally occurring repositories, etc.)											
D11	Incineration at sea			0.1	0.2				0	0.1		0.1
Total		1,08 9	1,46 7	2,01 6	2,22 3	2,62 6	2,68 1	2,80 6	2,74 3	2,36 2	2,14 0	2,17 1

Figure 2.27: Top Treatment of all Notified Waste Exported by EU Member States, 2013-2015, in 1,000 tonnes

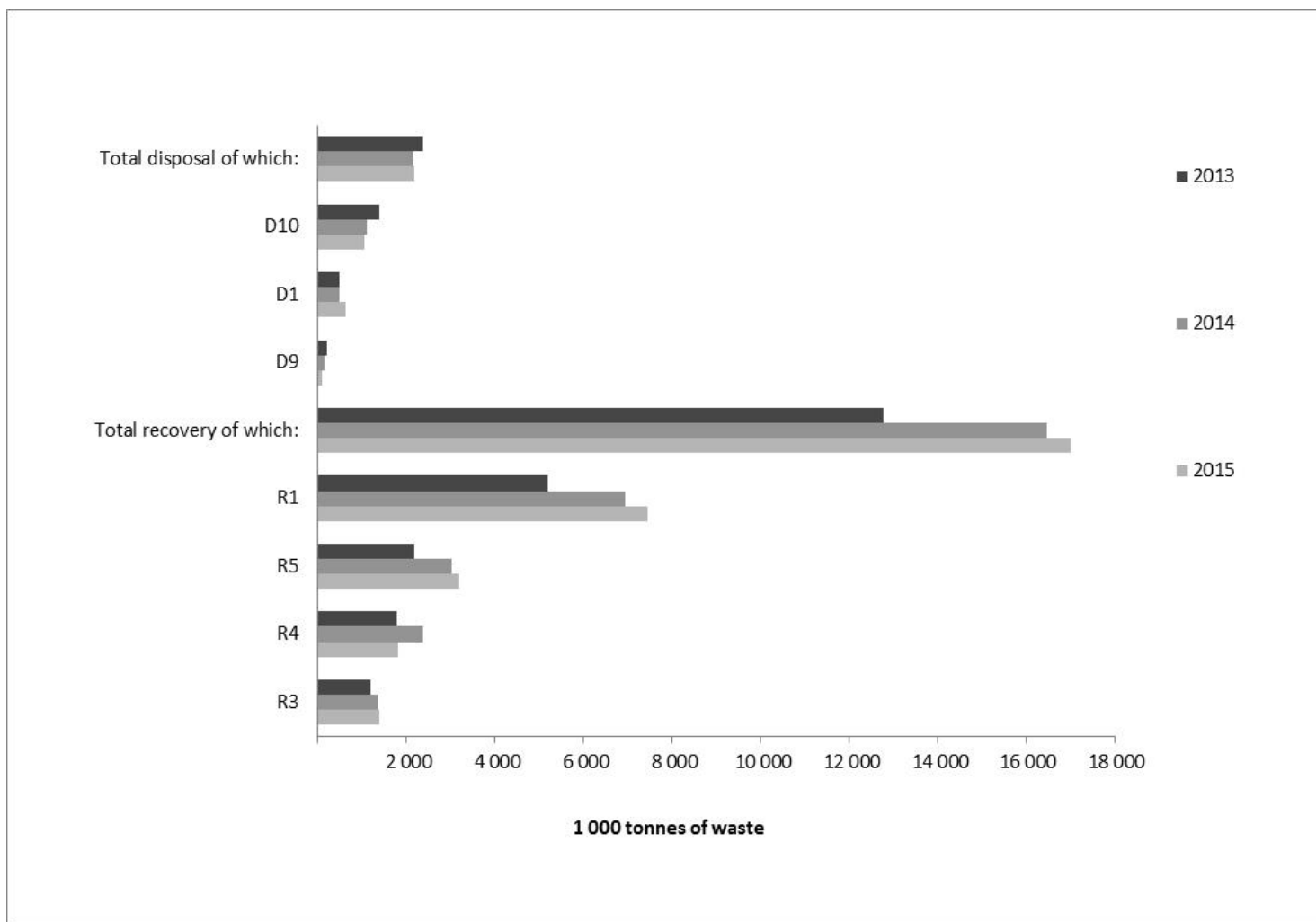


Table 2-39: Shipments for

Disposal of Y46 from a Member State to Different Destinations, 2013-2015, in tonnes

Shipments of Y46	2013						2014						2015					
	Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation		
	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)
Austria				4,228	20,449					3,807	23,887					5,456	10,390	
Belgium																		
Bulgaria																		
Croatia																		
Cyprus																		
Czech Republic																		
Denmark																		
Estonia																		
Finland																		
France					1,553						1,524					18,194	1,551	
Germany					156,172						154,281						156,194	
Greece																		
Hungary																		
Ireland				381						764						2,952		

Shipments of Y46	2013						2014						2015					
	Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation		
	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)
Italy																		
Latvia																		
Lithuania																		
Luxembourg																		
Malta																		
Netherlands				269,157						43,576						2,515		
Poland																		
Portugal																		
Romania																		
Slovakia																		
Slovenia				535														
Spain																		
Sweden	1,224						870						887					

Shipments of Y46	2013						2014						2015					
	Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation			Disposal operation D1 (e.g. landfill)			Other disposal operation		
	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)	EU Member State	OECD (non-EU)	NON-OECD (non-EU)
United Kingdom																		
TOTAL	1,224			274,301	178,174		870			48,147	179,692		887			29,117	168,135	

Table 2-40: Shipments for Recovery of Y46 from a Member State to Different Destinations, 2013-2015, in tonnes

Shipments of Y46	2013						2014						2015					
	Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation		
Member State Shipped from:	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)
Austria	40	38,006		6,296			9,399	40,809		4,130			8,784	70,202		4,217		
Belgium				10,549						5,494			6,416			327		
Bulgaria										16								
Croatia																34		
Cyprus				512						143								
Czech Republic	144						47						25					
Denmark				2,354						553								
Estonia																		
Finland	27,554			50			46,349			277			44,831					
France				11,316						171,278			5,570	633		22,265		
German	102			37,27				3,529		20,28			2,180	62		13,65		

Shipments of Y46	2013						2014						2015					
	Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation		
Member State Shipped from:	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)
Germany				5						3						8		
Greece																		
Hungary																		
Ireland	79,935			36,572			160,453			63,274			243,157			93,626		
Italy	2,548						1,649						870					
Latvia																		
Lithuania																		
Luxembourg				8,954						8,126						6,408		
Malta				462						1,137								
Netherlands	54,999			75,877			360,424			50,831			405,153			10,200		
Poland																		
Portugal																12		
Romania																		

Shipments of Y46	2013						2014						2015					
	Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation			Recovery operation R1 (use as a fuel)			Other recovery operation		
	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)	EU Member State	OECD (non-EU)	NO N-OECD (non-EU)
Slovakia																134		
Slovenia																		
Spain																		
Sweden		596																
United Kingdom	1,596,181	49,669		71,858			2,493,549	57,214		111,786			2,789,744	103,206		168,202		
TOTAL:	1,761,502	88,271		262,074			3,071,870	101,552		437,328			3,506,730	174,102		319,082		

Table 2-41: Import and Export of Hazardous Waste from and to Countries outside the EU, 2001-2015, in tonnes

		Country group	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Export from EU	Disposal	EFTA	100,787	60,033	21,062	35,060	99,902	236,035	176,465	96,420	69,395	75,968	121,213
		Non-OECD		6,010									
		OECD (non-EFTA)											
		Subtotal, Disposal	100,787	66,043	21,062	35,060	99,902	236,035	176,465	96,420	69,395	75,968	121,213
	Recovery	EFTA	70,369	32,159	37,337	93,519	88,937	106,646	70,960	159,048	60,713	175,051	261,557
		Non-OECD	1,098	54,357	91,213	96,716	53,240 ¹			297 ²	113 ²		
		OECD (non-EFTA)	12,476	45,227	5,856	6,273	7,753	4,569	44,892	28,807	87,917	207,128	107,070
		Subtotal, Recovery	83,943	131,743	134,406	196,508	149,930	111,215	115,852	188,152	148,743	382,179	368,627
	Total, Recovery + Disposal		184,730	197,786	155,468	231,568	249,832	347,250	292,317	284,572	218,138	458,147	489,839
	Disposal	EFTA	46,752	58,885	243,002	277,471	159,910	87,376	203,133	365,371	393,337	398,510	253,808
		Non-OECD	4,274	5,898	7,833	17,493	129,473	105,367	60,048	45,784	18,099	32,801	24,694
		OECD (non-EFTA)	1,824	9,300	5,439	5,364	11,956	7,127	10,266	4,422	5,331	14,378	3,049

Import into EU		Subtotal, Disposal	52,850	74,083	256,274	300,328	301,339	199,869	273,446	415,577	416,766	445,689	281,552
	Recovery	EFTA	126,512	451,790	570,136	410,532	753,630	1,351,179	1,290,493	435,422	1,589,463	616,514	2,091,736
		Non-OECD	18,553	21,648	22,483	35,636	33,341	48,806	37,229	165,377	150,906	69,495	198,264
		OECD (non-EFTA)	27,577	118,843	8,574	46,582	29,473	47,055	89,767	73,453	71,984	60,174	156,332
		Subtotal, Recovery	172,642	592,281	601,193	492,750	816,444	1,447,041	1,417,490	674,252	1,812,353	746,183	2,446,332
	Total, Recovery + Disposal		225,492	666,364	857,467	793,078	1,117,783	1,646,910	1,690,936	1,089,828	2,229,119	1,191,871	2,727,884

¹ The Netherlands has provided information that in their Basel reports they have issued "other hazardous waste" for all waste which could not be classified otherwise, i.e. by using one of the Basel Convention's Y-code (Y1 to Y47). However, hazardous waste (as defined by the European Waste List) has not been transported out of the EU to non-OECD countries. This illustrates a classification problem encountered by many Member States. Within the EU the waste is predominately classified according to the European Waste List. As there is no unique relation between the EWL-codes and the Basel-codes, Member States have to find solutions for waste that cannot be classified by one of the Y-codes in the Basel Convention.

² The export in 2012 and 2013 from EU to non-OECD countries stems from export of waste from Croatia to Serbia. This shipment does not violate the Basel convention because Croatia was not an EU member state at the time when the shipment took place.

Table 2-42: Export of Hazardous Waste out of the EU to non-OECD Countries (all treatments), 2001-2015, in tonnes

Member State	Export to non-OECD countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	0	0	0	216	0	0	0	0	0	0	0
Belgium	0	25	350	192	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0	435 ₃	113 ₃	0	0
Cyprus	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0
Estonia	0	29	0	0	0	0	0	0	0	0	0
Finland	0	0	0	1,520	0	0	0	0	0	0	0
France	0	0	0	5,000	49,246 ¹	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	0	0	0	0
Greece	0	0	0	0	0	0	0	0	0	0	0
Hungary	0	7,470	16,660	0	0	0	0	0	0	0	0
Ireland	373	1,764	1,215	0	0	0	0	0	0	0	0
Italy	0	0	0	0	3,968 ²	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0	0	0	0	0
Lithuania	0	46,300	0	0	0	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0	0	0	0
Netherlands	653	4,924	72,988	89,788	26 ¹	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0

Member State	Export to non-OECD countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Spain	0	0	0	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0	0	0	0
United Kingdom	72	0	0	0	0	0	0	0	0	0	0
TOTAL	1,098	60,512	91,213	96,716	53,240	0	0	435	113	0	0

¹ The Netherlands has provided information that in their Basel reports they have issued "other hazardous waste" for all waste which could not be classified otherwise, i.e. by using one of the Basel Convention's Y-code (Y1 to Y47). However, hazardous waste (as defined by the European Waste List) has not been transported out of the EU to non-OECD countries. This illustrates a classification problem encountered by many Member States. Within the EU the waste is predominately classified according to the European Waste List. As there is no unique relation between the EWL-codes and the Basel-codes, Member States haven't found solutions for waste that cannot be classified by one of the Y-codes in the Basel Convention. The French figures for 2008 and 2009 cover export of B1010 (metal waste) and B3080 (waste parings and scrap of rubber). Therefore, these waste belong to Annex IX to the Basel Convention and the Annex III to the Regulation (EC) No 1013/2006 (green listed waste) and they seem to have been misreported as hazardous waste.

² Italy has reported the waste as hazardous for incineration although it has been classified as OECD-code B3140 for 2009 which are normally regarded as non-hazardous waste. Slovenia has reported the waste as hazardous for incineration although it has been classified as OECD-code B1010, B3020, B3140, which is normally regarded as non-hazardous waste.

³ The export in 2012 and 2013 from EU to non-OECD countries stems from export of waste from Croatia to Serbia. This shipment does not violate the Basel convention because Croatia was not an EU member state at the time when the shipment took place.

Table 2-43: Export of Hazardous Waste out of the EU to EFTA Countries (all treatments), 2001-2015, in tonnes

Member State	Export to EFTA countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	16,111	2,689	8,905	30,059	5,577	4,663	3,099	2,599	2,942	2,753	2,919
Belgium	0	0	0	4	0	0	2,281	72	422	265	158
Bulgaria	0	0	0	0	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0	22	15	19	0
Cyprus	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	103,457	50,988	2,482	6,411	17,113	6,914	8,008	64,022	36,820	16,341	105,578
Estonia	0	0	0	0	0	0	0	0	0	0	0
Finland	740	877	5,969	3,700	136	5,647	4,235	4,317	0	2,587	0
France	5,463	15,194	11,786	11,940	49,454	84,415	10,029	3,744	6,642	321	381
Germany	6,375	5,701	7,499	17,195	12,868	10,661	13,415	10,778	11,619	12,124	24,872
Greece	0	0	0	0	0	0	0	158	117	839	8,544
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	30	0	38	0	0	0	2,508	0	0	0
Italy	404	6,664	11,226	17,860	16,507	27,604	15,363	13,231	18,088	34,564	41,047
Latvia	0	0	0	0	0	0	0	0	5,998	0	0
Lithuania	0	0	0	0	0	0	0	0	0	0	7,976

Member State	Export to EFTA countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	0	0	0	0	0	0	22	0	0	0	0
Malta	0	0	0	0	0	0	0	0	0	0	0
Netherlands	11,432	297	293	5,134	10,818	24	149	110	220	207	3,829
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	22	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	36	96	23	30	12,446	12,747	4,938	1,460	90
Sweden	7,050	7,617	10,369	34,838	71,983	200,443	174,555	137,271	39,615	172,105	181,258
United Kingdom	20,102	2,456	122	1,304	4,360	2,280	3,922	3,889	2,752	7,434	6,808
TOTAL	171,156	92,513	58,687	128,579	188,839	342,681	247,524	255,469	130,190	251,019	383,459

Table 2-44: Export of Hazardous Waste out of the EU to OECD Countries (non-EFTA) (all treatments), 2001-2015, in tonnes

Member State	Export to OECD countries (non-EFTA)										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	3,713	30,594	0	0	219	39	0	0	22	13,315	10
Bulgaria	0	0	0	0	0	0	0	0	0	1,390	5,156
Croatia	0	0	0	0	0	0	0	0	0	0	0
Cyprus	2,399	2,373	2,758	2,732	0	0	0	0	961	1,422	844
Czech Republic	0	0	0	0	0	0	22	79	40	0	39
Denmark	0	0	0	0	0	0	10	0	0	0	0
Estonia	0	0	0	0	0	0	0	0	0	0	0
Finland	0	341	490	0	0	0	0	112	145	302	223
France	0	1,008	370	231	97	122	29	0	6,068	351	4,588
Germany	981	1,826	1,504	1,322	2,599	3,045	2,759	6,234	2,182	3,297	2,494
Greece	0	0	0	0	0	0	21,200	1,200	22,155	159,679	12,728
Hungary	0	0	0	0	0	0	0	0	0	0	77
Ireland	144	0	4	219	25	561	73	69	144	441	224
Italy	0	0	84	242	0	0	0	0	0	38	33
Latvia	0	0	0	0	0	0	0	0	0	0	0
Lithuania	0	2,073	0	0	0	0	0	0	0	0	48

Member State	Export to OECD countries (non-EFTA)										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Malta	4,500	0	100	355	0	140	0	234	583	886	0
Netherlands	346	323	85	271	0	142	136	8,165	199	7,335	123
Poland	61	150	0	0	56	0	0	0	0	0	0
Portugal	0	0	0	0	0	1	0	0	0	0	22
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0
Spain	27	6,133	26	88	18	138	93	60	4,397	53	32,331
Sweden	0	0	30	55	0	0	0	0	0	0	0
United Kingdom	305	406	405	788	4,739	381	20,571	12,654	51,020	18,620	48,132
TOTAL	12,476	45,227	5,856	6,303	7,753	4,569	44,892	28,807	87,917	207,128	107,070

Figure 2.28: Export of Hazardous Waste out of the EU (all treatments), 2001-2015, in tonnes

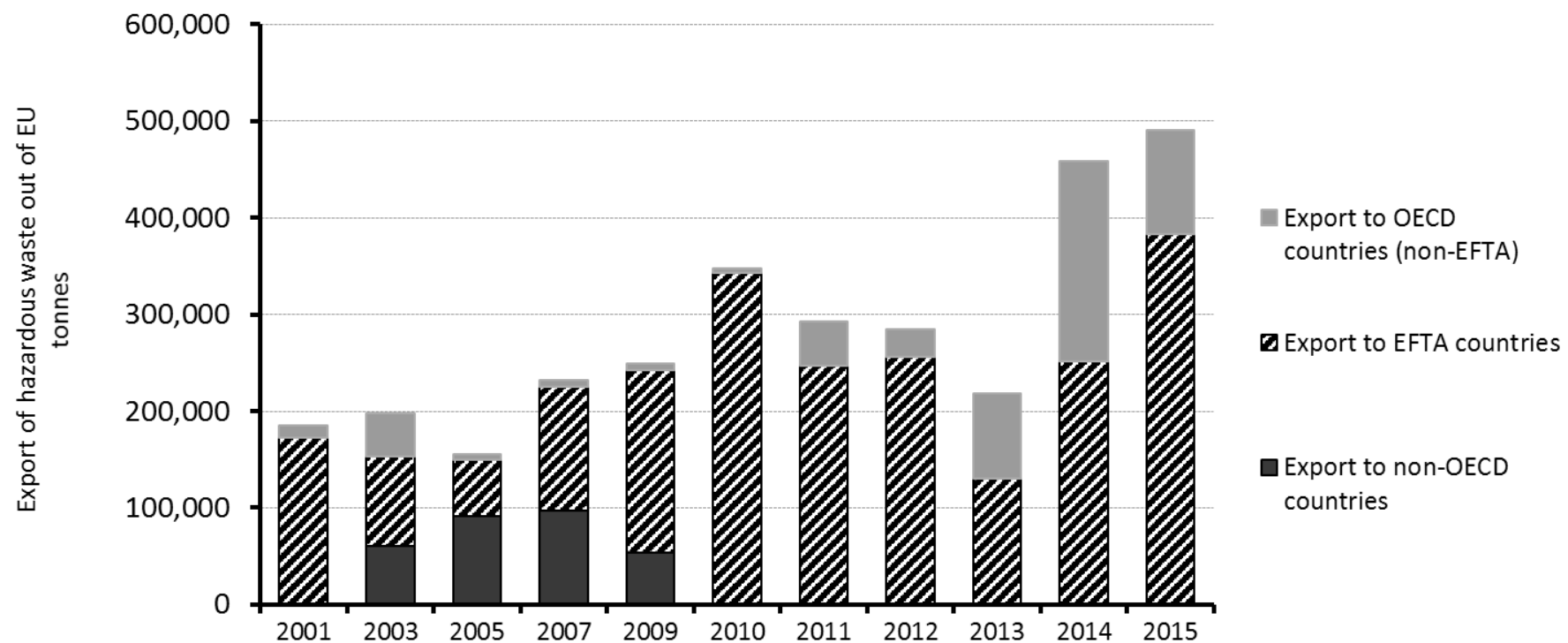


Table 2-45: Import of Hazardous Waste into the EU from non-OECD Countries (all treatments), 2001-2015, in tonnes

Member State	Import from non-OECD countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	0	195	54	283	805	3,523	2,381	1,833	1,769	2,985	2,076
Belgium	5,538	4,266	1,844	4,456	8,594	5,409	5,006	5,609	5,008	3,219	1,722
Bulgaria	0	0	0	6,200	6,000	8,000	1,057	3,908	6,887	12,317	7,350
Croatia	0	0	0	0	0	0	0	0	0	334	168
Cyprus	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	256	100	2,245	4,247	3,309	3,915
Denmark	0	0	0	0	153	7,465	1,061	10,861	7,108	13,454	481
Estonia	0	0	351	200	0	0	0	0	0	0	0
Finland	463	1,143	50	129	392	135	330	297	209	79	0
France	1,323	1,482	3,432	14,532	72,669	92,338	3,949	26,262	20,286	11,561	8,026
Germany	3,174	5,003	5,566	8,611	2,649	5,817	9,683	6,482	9,741	7,524	18,518
Greece	0	0	2,819	45	908	7,691	4,660	874	73	1,435	13,724
Hungary	0	0	1,800	0	0	72	0	0	0	0	0
Ireland	0	0	0	0	0	0	0	0	0	0	0
Italy	192	0	1,921	1,821	2,434	4,665	3,181	111,424	84,224	3,045	4,079
Latvia	0	0	0	0	0	0	0	0	0	0	0
Lithuania	0	0	0	681	0	0	415	613	838	1,730	916

Member State	Import from non-OECD countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0	0	0	0
Netherlands	1,127	2,930	700	2,286	880	619	220	1,172	1,506	2,658	3,258
Poland	0	0	1,620	248	2,659	5,628	21,635	14,953	2,325	4,577	4,042
Portugal	0	0	111	0	0	0	0	0	0	216	6,012
Romania	0	0	0	0	42	0	154	1,123	1,914	4,946	6,418
Slovakia	0	0	105	1,640	0	0	0	0	0	0	0
Slovenia	138	5,586	6,184	5,675	4,712	4,813	5,635	4,535	4,769	10,927	12,814
Spain	8,866	4,759	603	980	53,613	703	25,263	4,541	3,931	1,535	46,866
Sweden	43	0	54	93	535	289	294	4,903	2,883	1,917	73,205
United Kingdom	1,963	2,175	3,067	5,141	5,019	6,532	12,252	9,792	11,519	14,569	12,150
Total	22,827	27,539	30,281	53,021	162,064	153,955	97,277	211,427	169,237	102,338	225,738

Table 2-46: Import of Hazardous Waste into the EU from EFTA Countries (all treatments), 2001-2015, in tonnes

Member State	Import from EFTA countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	293	821	707	5,752	3,392	2,902	3,389	3,087	2,602	2,349	2,633
Belgium	3,772	6,554	5,359	4,486	2,296	1,701	4,161	11,179	8,257	11,073	12,516
Bulgaria	0	0	0	0	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	94	0	171	0	0	0
Denmark	34,466	36,773	26,510	48,081	40,937	83,345	102,542	140,553	216,730	219,449	159,596
Estonia	0	0	0	0	0	72	120	243	1,248	0	0
Finland	2,716	2,370	3,310	1,679	13,973	3,990	15,213	4,136	2,137	1,053	713
France	5,609	297,957	294,438	270,122	200,305	389,229	527,731	35,908	1,086,311	36,360	1,639,022
Germany	61,909	122,600	115,905	140,165	180,919	190,740	250,962	264,552	270,364	254,688	252,913
Greece	0	0	0	0	0	0	0	2,994	2,125	4,311	0
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	0	0	0	0	0	0
Italy	409	2,250	288,105	18,314	29,422	226,538	419,427	4,294	5,277	10,346	14,641
Latvia	0	0	0	0	0	0	0	0	0	0	0

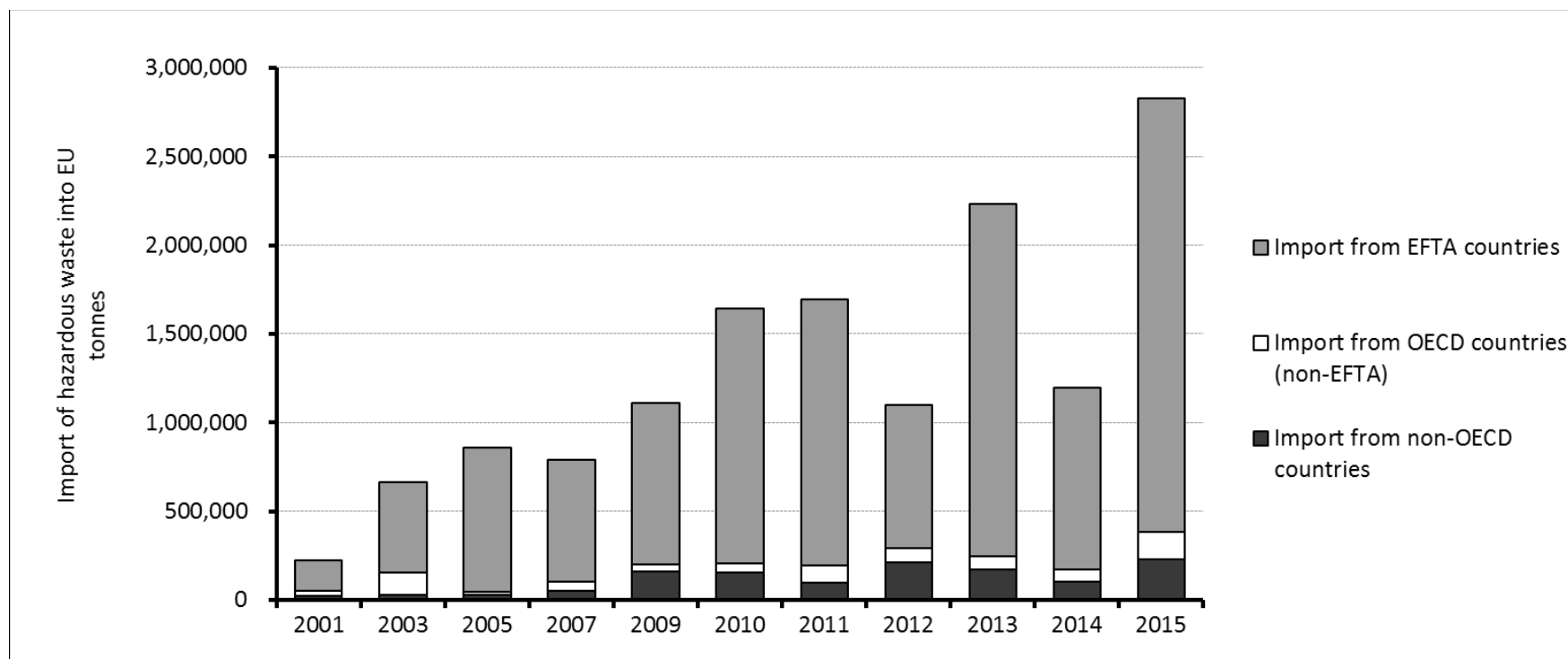
Member State	Import from EFTA countries										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Lithuania	0	0	0	135	906	1,921	3,454	463	888	867	936
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0	0	0	0
Netherlands	851	183	26,743	9,887	74,528	30,688	67,278	168,560	165,885	256,516	164,643
Poland	0	0	0	0	0	0	92	973	328	1,208	3,479
Portugal	285	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0
Spain	15,160	0	5,118	3,744	4,523	4,318	3,635	4,197	2,998	4,410	6,772
Sweden	35,881	29,916	38,467	178,715	343,917	482,354	83,982	146,938	202,366	166,933	121,119
United Kingdom	11,882	11,229	8,256	6,946	15,058	20,580	16,197	19,106	21,339	50,542	63,950
Total	173,233	510,653	812,918	688,026	910,176	1,438,472	1,498,183	807,354	1,988,853	1,020,104	2,442,932

Table 2-47: Import of Hazardous Waste into the EU from OECD Countries (non-EFTA) (all treatments), 2001-2015, in tonnes

Member State	Import from OECD countries (non-EFTA)										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Austria	102	0	56	132	11	108	64	1,206	1,212	1,138	74
Belgium	1,691	11,414	53	17,373	12,223	15,244	11,160	12,171	13,433	4,027	1,910
Bulgaria	0	0	0	3,000	0	0	0	0	8,674	1,236	4,067
Croatia	0	0	0	0	0	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	20,202	5,369	9,590	2,002	426
Estonia	0	0	0	0	0	0	0	0	0	0	0
Finland	286	787	0	0	1,061	193	191	131	41	0	0
France	1,566	3,977	622	1,079	1,481	1,229	2,618	675	671	4,241	2,453
Germany	2,397	5,605	4,680	7,326	15,139	22,685	22,137	21,510	24,789	23,848	16,693
Greece	8,980	0	0	0	0	164	0	0	0	0	8,558
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	0	0	0	0	0	0
Italy	6,750	1,643	1,905	3,308	0	0	0	5,731	94	0	268
Latvia	0	0	0	0	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0	0	0	0	0

Member State	Import from OECD countries (non-EFTA)										
	2001	2003	2005	2007	2009	2010	2011	2012	2013	2014	2015
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0	0	0	0
Netherlands	2,975	1,433	27	3,087	458	0	173	332	731	723	1,549
Poland	0	0	0	0	0	43	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	0	2,759	761
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0
Spain	3,715	1,918	4,410	15,094	8,879	12,869	25,372	29,951	16,614	29,413	120,800
Sweden	91	92	124	35	0	89	511	250	0	584	178
United Kingdom	852	100,745	603	445	0	14	15,078	131	1,059	956	1,355
Total	29,405	127,614	12,480	50,879	39,252	52,638	97,506	77,455	76,909	70,925	159,093

Figure 2.29: Import of Hazardous Waste into the EU (all treatments), 2001-2015, in tonnes



2.5 Differences between Reported Amounts of “Import” and “Export”

Table 2-48: Difference between “Export” and “Import” of All Notified Waste between EU Countries, 2001-2015, in 1,000 tonnes

	EU-28			
	Year	Import	Export	% difference between import and export
EU-28	2001	6,616	5,884	12%
	2002	7,514	7,403	1%
	2003	8,736	8,010	9%
	2004	10,196	9,932	3%
	2005	9,250	8,244	12%
	2006	10,655	9,136	17%
	2007	11,906	9,995	19%
	2008	10,605	10,649	0%
	2009	12,167	11,115	9%
	2010	11,500	11,236	2%
	2011	13,176	12,499	5%
	2012	13,440	12,930	4%
	2013	14,175	14,460	-2%
	2014	19,137	17,152	12%
	2015	18,580	17,743	5%

A positive number here indicates imports are higher than exports by e.g. 12% in 2001.

Table 2-49: Difference between Reported “Export” and “Import” of Hazardous Waste between EU Countries, 2001-2015, in 1,000 tonnes

	EU-28			
	Year	Import	Export	% difference between import and export
EU-28	2001	2,791	3,801	-27%
	2002	3,159	3,599	-12%
	2003	3,791	4,247	-11%
	2004	4,768	5,016	-5%
	2005	5,514	6,631	-17%
	2006	7,068	6,814	4%
	2007	7,484	7,875	-5%
	2008	6,507	7,760	-16%
	2009	7,167	7,177	0%
	2010	6,732	5,908	14%
	2011	7,033	5,833	21%
	2012	5,802	5,066	15%
	2013	6,429	6,385	1%
	2014	5,343	5,556	-4%
	2015	6,676	5,608	19%

A positive number here indicates imports are higher than exports by e.g. 4% in 2006.

Table 2-50: Difference between Reported “Export” and “Import” of All Other Notified Wastes (i.e. excluding Hazardous Waste) between EU Countries, 2001-2015, in 1,000 tonnes

		EU-28	EU-28	EU-28
	Year	Import	Export	% difference between import and export
EU-28	2001	3,825	2,083	84%
	2002	4,351	3,786	15%
	2003	4,945	3,758	32%
	2004	5,428	4,915	10%
	2005	3,726	1,602	133%
	2006	3,586	2,321	54%
	2007	4,422	2,120	109%
	2008	4,097	2,866	43%
	2009	5,000	3,909	28%
	2010	4,768	5,291	-10%
	2011	6,143	6,667	-8%
	2012	7,638	7,864	-3%
	2013	7,746	8,074	-4%
	2014	13,785	11,594	19%
	2015	11,897	12,135	-2%

A positive number here indicates imports are higher than exports by e.g. 84% in 2001.

**Table 2-51: Difference between Amounts “Imported” and “Exported”
Normalized Relative to “Export” and “Import”, 2013-2015, in %**

Member State	(export - import)/export			(import - export)/import		
	2013	2014	2015	2013	2014	2015
Austria	26%	18%	20%	-34%	-23%	-25%
Belgium	25%	35%	25%	-33%	-53%	-33%
Bulgaria	-2598%	-307%	-450%	96%	75%	82%
Croatia	100%	99%	94%		-6949%	-1660%
Cyprus	-210%	-209%	-706%	68%	68%	88%
Czech Republic	-657%	-771%	-656%	87%	89%	87%
Denmark	-11%	-25%	-39%	10%	20%	28%
Estonia	-461%	-548%	-661%	82%	85%	87%
Finland	51%	60%	63%	-103%	-151%	-172%
France	-59%	-109%	-110%	37%	52%	52%
Germany	-196%	-146%	-114%	66%	59%	53%
Greece	94%	96%	56%	-1517%	-2670%	-129%
Hungary	-298%	-185%	-229%	75%	65%	70%
Ireland	96%	97%	94%	-2555%	-2773%	-1513%
Italy	41%	-12%	38%	-68%	11%	-61%
Latvia	-745%	-563%	-459%	88%	85%	82%
Lithuania	84%	69%	49%	-516%	-224%	-97%
Luxembourg	95%	97%	99%	-1752%	-3790%	-7249%
Malta	100%	100%	100%			
Netherlands	-25%	-73%	-78%	20%	42%	44%
Poland	-469%	-393%	-65%	82%	80%	39%
Portugal	76%	-291%	-140%	-312%	74%	58%
Romania	48%	-256%	-338%	-91%	72%	77%
Slovakia	-241%	-212%	-589%	71%	68%	85%
Slovenia	82%	84%	83%	-459%	-510%	-486%
Spain	-214%	-367%	-432%	68%	79%	81%
Sweden	-587%	-603%	-632%	85%	86%	86%
United Kingdom	92%	91%	96%	-1223%	-1034%	-2346%

Figure 2.30: Difference between Amounts “Imported” and “Exported” Normalized Relative to “Export” and “Import” for 2015, in %

