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COMMISSION STAFF WORKING DOCUMENT
Accompanying the document

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

**on the implementation of Council Regulation (EEC) No 259/93 of 1 February 1993 on
the supervision and control of shipments of waste within, into and out of the European
Community, and on the implementation of Regulation (EC) No 1013/2006 of 14 June
2006 on shipments of waste**

**Generation, treatment and transboundary shipment of hazardous waste and other waste
in the Member States of the European Union, 2007-2009
(PART I)**

{COM(2012) 448 final}

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(PART I)**

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GENERAL INTRODUCTION

This data collection is a working document to the Report from the Commission to the Council and the European Parliament on the generation, treatment and transboundary shipment of hazardous waste and other waste in the Member States of the European Union, 2007-2009.

The report comprises 5 sections, and contains both quantitative and qualitative data on waste generation and treatment. Section A gives a quantitative outline of the Member States' waste transactions; Sections B (Basel Convention Questionnaire) and E (Commission Decision Questionnaire) summarise the Member States' provisions regarding waste management in general. Section C is an up-to-date list of the Competent Authorities; Section D is the list of Y-codes for waste according to the Basel Convention.

The quantitative data in the Section A covers the reporting years 2001-2009. Sections B and E cover the reporting years 2007-2009. At the time this report was prepared most countries had delivered replies to both to Basel and Commission questionnaires for the years 2007-2009. The cut-off date for the analysis of the quantitative data included in the Basel reports (Section A of the working document) was 15 July 2011. Greece (for 2009), Cyprus (for 2008 and 2009) and Malta (for 2007) submitted Basel reports after the cut-of date (15 July 2011), so that these reports could not be taken into account in the analysis of the quantitative data. The cut-off-date for the inclusion of the Member States' replies in the sections B and E of the working document was 30.11.2011. By that date, Czech Republic had not delivered the Commission questionnaire for the reference year 2008 and the Netherlands had not delivered the Commission questionnaire for the reference year 2009. For France, all reports for the years 2007-2009 were missing. (See Table 1)

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

Table 1: Reports from the Member States

	Basel Convention Questionnaire			Commission Questionnaire		
	2007	2008	2009	2007	2008	2009
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						
Sweden						
UK						

 Report Supplied

 Basel Convention Questionnaire not supplied before the cut-of date of 15 July 2011. Report could not be taken into account in the analysis of the quantitative data. However, these reports are included into the sections B and E of this Working Document.

 Report not supplied before the cut-of date of 30.11.2011.

SECTION A: DATA ON GENERATION, TREATMENT AND SHIPMENT OF HAZARDOUS WASTE IN THE EU MEMBER STATES

Contents:

- I. Generation of hazardous waste
- II. Shipment of hazardous waste and other notified waste out of EU Member States
- III. Shipment of hazardous waste and other notified waste into EU Member States
- IV. Import and export of notified waste from and to countries outside the EU
- V. Differences between reported amounts of “import” and “export”

Note that due to rounding effects minor inconsistencies may occur in the totals of the tables.

I. Generation of hazardous waste

Table 2: Total generation of hazardous waste in Member States, in 1000 t

Country	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Austria	225	241	319	318	334	403	462	472	503	524	386	515	449	423	539	542	433
Belgium 1)	644	647	1109	1363	1416	1317	1272	2841	1571	1653	1638	2797	2802	2711	2133	2259	0
Bulgaria	0	0	0	0	0	0	855	756	755	610	626	526	1159	1030	817	815	793
Cyprus	0	0	0	0	0	0	0	0	0	4	0	24	33	50	151	0	0
Czech Republic	0	0	0	0	0	0	2380	2603	2785	2424	1904	1693	1626	1455	1733	2038	2161
Denmark	0	99	132	140	131	204	319	262	374	354	421	374	386	427	469	426	459
Estonia 2)	7730	7476	7273	7679	7361	11491	5619	5966	6206	6399	7540	7245	7016	6764	8618	7737	6784
Finland	0	500	0	0	485	586	638	1203	976	1312	1310	2349	2397	2395	2246	2030	0
France	0	0	2443	2450	2443	2688	0	0	0	0	0	6748	0	0	0	0	0
Germany	9093	0	0	12128	13837	14366	13507	14937	15830	19636	19500	18401	18457	18529	18775	18594	0
Greece	0	0	0	0	0	0	0	0	300	300	354	335	333	333	333	333	0
Hungary	2719	2306	4719	3749	4143	5476	3915	5068	4982	2326	1177	963	921	796	1571	933	821
Ireland	0	0	244	328	0	370	0	0	467	0	0	576	0	721	493	769	328
Italy	0	0	0	0	3401	4058	3811	3911	4279	4991	5419	5439	7937	9235	0	0	0
Latvia	0	0	0	0	0	0	80	93	93	72	26	27	28	45	32	31	29
Lithuania	119	68	83	64	80	78	63	59	51	53	8	44	50	33	89	90	105

Luxembourg	0	0	37	77	0	0	104	97	101	104	103	97	91	91	124	85	97
Malta	0	0	0	0	0	0	0	0	5	2	2	54	55	55	55	56	47
Netherlands	0	1836	2212	2436	3009	2827	2599	2745	2746	2490	2140	2088	4509	5300	4838	6007	0
Poland	0	3239	3928	5247	4071	1122	1424	2237	395	458	643	1341	1779	1812	2247	8270	7729
Portugal	272	42	27	102	37	13	168	195	258	198	240	272	288	358	2812	3540	1472
Romania	0	0	0	205	2710	2408	1717	861	1056	238	328	328	33	57	68	75	0
Slovakia	0	1001	512	525	1500	1400	1300	1600	1660	1441	2419	1021	694	667	663	602	562
Slovenia	77	54	53	33	29	24	125	128	79	65	67	58	68	67	67	110	84
Spain	2000	3394	0	0	0	0	3294	3294	3223	3223	3223	3182	3112	3228	3143	0	0
Sweden	0	0	0	0	0	801	1000	0	0	850	0	1354	0	2777	0	2064	0
United Kingdom	0	2186	2160	2677	4878	4846	5820	6296	5568	5585	5316	5153	4120	6037	7082	7099	4374
Total EU-15	12234	8945	8683	22018	29971	32480	32994	36252	36198	41220	40050	49679	44881	52565	42987	43747	7163
Total EU-12	10645	14144	16568	17502	19894	22000	17477	19370	18066	14092	14739	13325	13462	12830	16110	20758	19117
Total EU-27	22878	23089	25251	39520	49865	54480	50471	55623	54264	55312	54789	63004	58342	65395	59097	64505	26280

1) It is assumed that the data communicated by Belgium represent the national total

2) Estonian data includes oil shale waste, which represents more than 95% of the total amount

Table 3: Total generation of hazardous waste in Member States, in 1000 t - data gaps filled in order to estimate totals for EU-groups

Country	1997	2000	2004	2006	2007	2008	2009
Austria	536	981	515	423	539	542	433
Belgium 1)	1494	1675	2797	2711	2133	2259	2259
Bulgaria	855	756	626	1030	817	815	793
Cyprus	4	4	24	50	151	38	38
Czech Republic	2380	2603	1693	1455	1733	2038	2161
Denmark	319	287	374	427	469	426	459
Estonia 2)	7361	5966	7245	6764	8618	7737	6784
Finland	485	1203	2349	2395	2246	2030	2030
France	2443	2688	6748	6748	6748	6748	6748
Germany	13837	14937	18401	18529	18775	18594	18594
Greece	300	300	335	333	333	333	333
Hungary	3225	3393	963	796	1571	933	821
Ireland	349	467	576	721	493	769	328
Italy	3401	3911	5439	9235	9235	9235	9235
Latvia	80	93	27	45	32	31	29
Lithuania	53	53	44	89	89	90	105
Luxembourg	104	97	97	91	124	85	97
Malta	5	5	54	55	55	56	47
Netherlands	3009	2745	2088	5300	4838	6007	6007
Poland	4071	1627	1341	1812	2247	8270	7729
Portugal	153	195	272	358	2812	3540	1472
Romania	1717	861	328	57	68	75	75
Slovakia	1500	1600	1021	667	663	602	562
Slovenia	29	128	58	67	67	110	84
Spain	3294	3294	3182	3228	3143	3143	3143
Sweden	801	1000	1354	2777	2777	2064	2064
United Kingdom	4878	6296	5153	6037	7082	7099	4374
Total EU-15	35402	40075	49679	59313	61747	62874	57576
Total EU-12	21281	17088	13425	12886	16110	20796	19230
Total EU-27	56683	57164	63104	72199	77857	83670	76806

Estimated value

1) It is assumed that the data communicated by Belgium represent the national total

2) Estonian data includes oil shale waste, which represents more than 95% of the total amount

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

BE: 2008 data used for 2009

BG: 1999 data used for 1997. 2003 data used for 2004

CY: 2002 data used for 1997 and 2000. 2007 data used for 2008 and 2009

CZ: 1999 data used for 1997.

DK: 1999 data used for 1997

FI: 2008 data used for 2009

FR: 1998 data used for 2000. 2004 data used for 2006, 2007, 2008 and 2009

DE: 2008 data used for 2009

GR: 2001 data used for 1997 and 2000. 2008 data used for 2009

IE: 1997 value based on average of 1996 and 1998 values. 2001 data used for 2000. 2007 data used for 2008

IT: 2006 data used for 2007, 2008 and 2009

LV: 1999 data used for 1997

LT: 2002 data used for 1997 and 2000. 2007 data used for 2006

LU: 1999 data used for 1997

MT: 2001 data used for 1997 and 2000

NL: 2008 data used for 2009

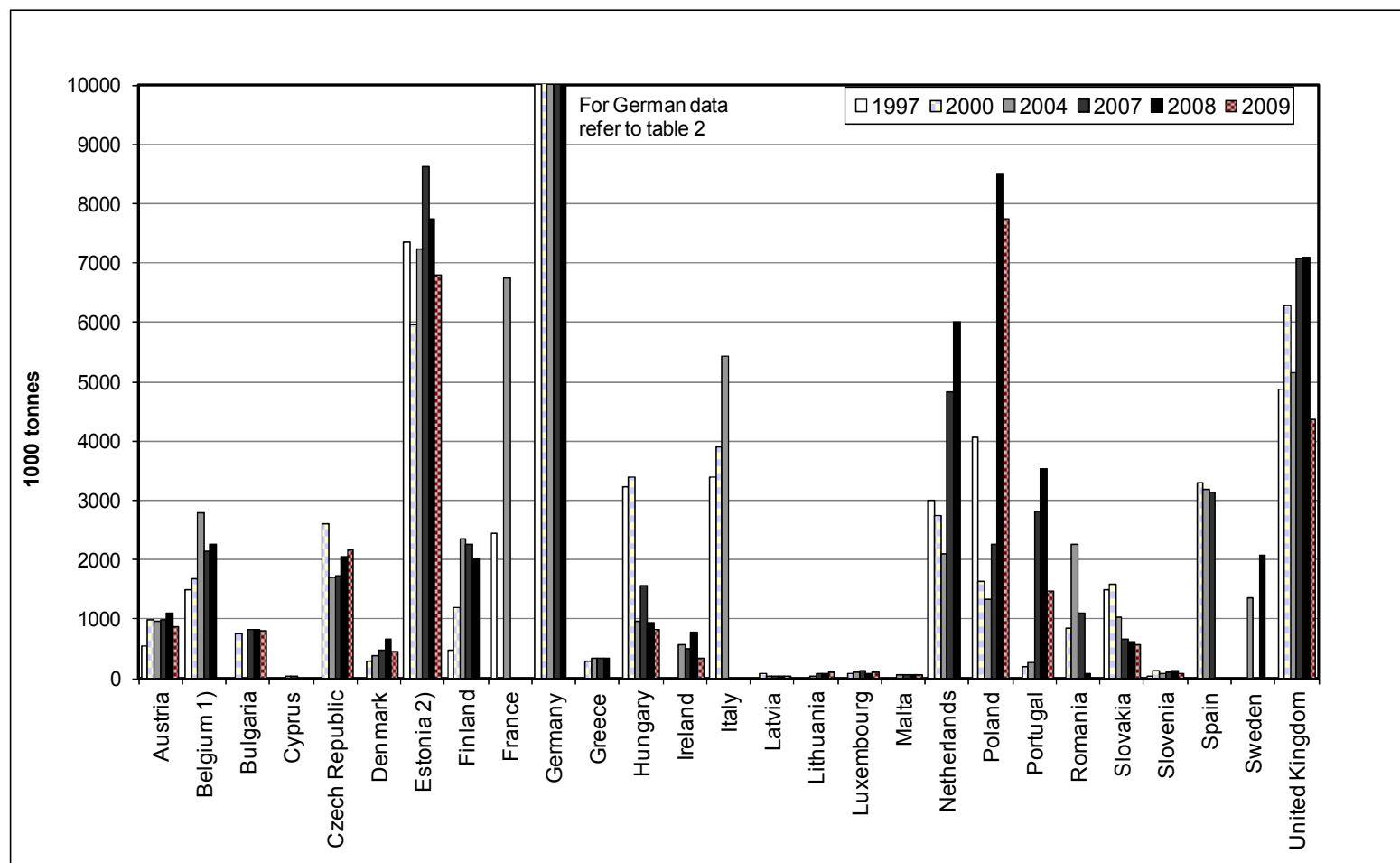
PT: 1999 data used for 1997. 2006 data used for 2007 and 2008

RO: 1999 data used for 1997

ES: 1999 data used for 1997. 2007 data used for 2008

SE: 1998 data used for 1997. 1999 data used for 2000. 2006 data used for 2007. Data for 2008 used for 2009

Figure 1: Total generation of hazardous wastes in EU Member States, in 1000 t



- 1) It is assumed that the data communicated by Belgium represent the national total
- 2) Estonian data includes oil shale waste, which represents more than 95% of the total amount

Table 4: Total generation of hazardous waste per capita in Member States, in kg per capita - data gaps filled in order to estimate totals for EU-groups

Country	1997	2000	2004	2006	2007	2008	2009
Austria	67,2	122,5	118,8	101,6	119,6	131,4	102,7
Belgium 1)	146,9	163,6	269,0	257,9	201,6	211,8	210,1
Bulgaria	102,5	92,3	80,2	133,5	106,4	106,7	104,2
Cyprus	6,1	5,9	33,2	65,8	48,9	48,3	47,8
Czech Republic	230,9	253,3	165,8	141,9	168,5	196,4	206,5
Denmark	60,4	53,9	69,4	78,6	86,0	77,7	79,9
Estonia 2)	5235,3	4348,0	5362,2	5029,8	6419,7	5769,6	5061,1
Finland	94,5	232,6	450,0	455,7	425,6	383,0	381,1
France	40,9	44,4	108,3	107,1	106,4	105,8	104,8
Germany	168,7	181,8	223,0	224,8	228,1	226,2	226,7
Greece	27,9	27,5	30,3	29,9	29,8	29,7	29,6
Hungary	313,1	331,9	95,2	79,0	156,0	92,9	81,9
Ireland	95,5	123,7	143,0	171,3	114,3	174,6	73,7
Italy	59,8	68,7	94,0	157,2	156,2	154,9	153,8
Latvia	32,7	39,0	11,9	19,6	13,8	13,8	13,0
Lithuania	14,8	15,1	12,7	26,2	26,2	26,8	31,3
Luxembourg	249,4	222,6	213,3	193,6	260,7	176,7	196,7
Malta	12,0	11,8	133,8	135,7	135,6	135,6	114,1
Netherlands	193,3	173,0	128,4	324,5	295,7	366,1	364,3
Poland	105,4	42,1	35,1	47,5	58,9	223,0	203,0
Portugal	15,2	19,1	25,9	33,9	265,3	333,4	138,5
Romania	76,0	38,3	104,3	48,7	51,0	3,5	3,5
Slovakia	278,9	296,4	189,8	123,7	123,0	111,5	103,9
Slovenia	14,7	64,6	42,1	45,4	48,2	68,1	41,5
Spain	83,3	82,2	75,1	73,8	70,7	69,4	68,6
Sweden	90,6	112,8	150,9	306,9	304,7	224,8	223,0
United Kingdom	83,8	107,1	86,3	99,9	116,5	116,0	71,0
Total EU-15	95	106	129	152	158	160	145
Total EU-12	201	162	130	125	156	201	186
Total EU-27	118	118	129	146	157	168	154
Includes estimated values							

1) It is assumed that the data communicated by Belgium represent the national total

2) Estonian data includes oil shale waste, which represents more than 95% of the total amount

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

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FR: 1998 data used for 2000. 2004 data used for 2006, 2007, 2008 and 2009

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IT: 2006 data used for 2007, 2008 and 2009

LV: 1999 data used for 1997

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LU: 1999 data used for 1997

MT: 2001 data used for 1997 and 2000

NL: 2008 data used for 2009

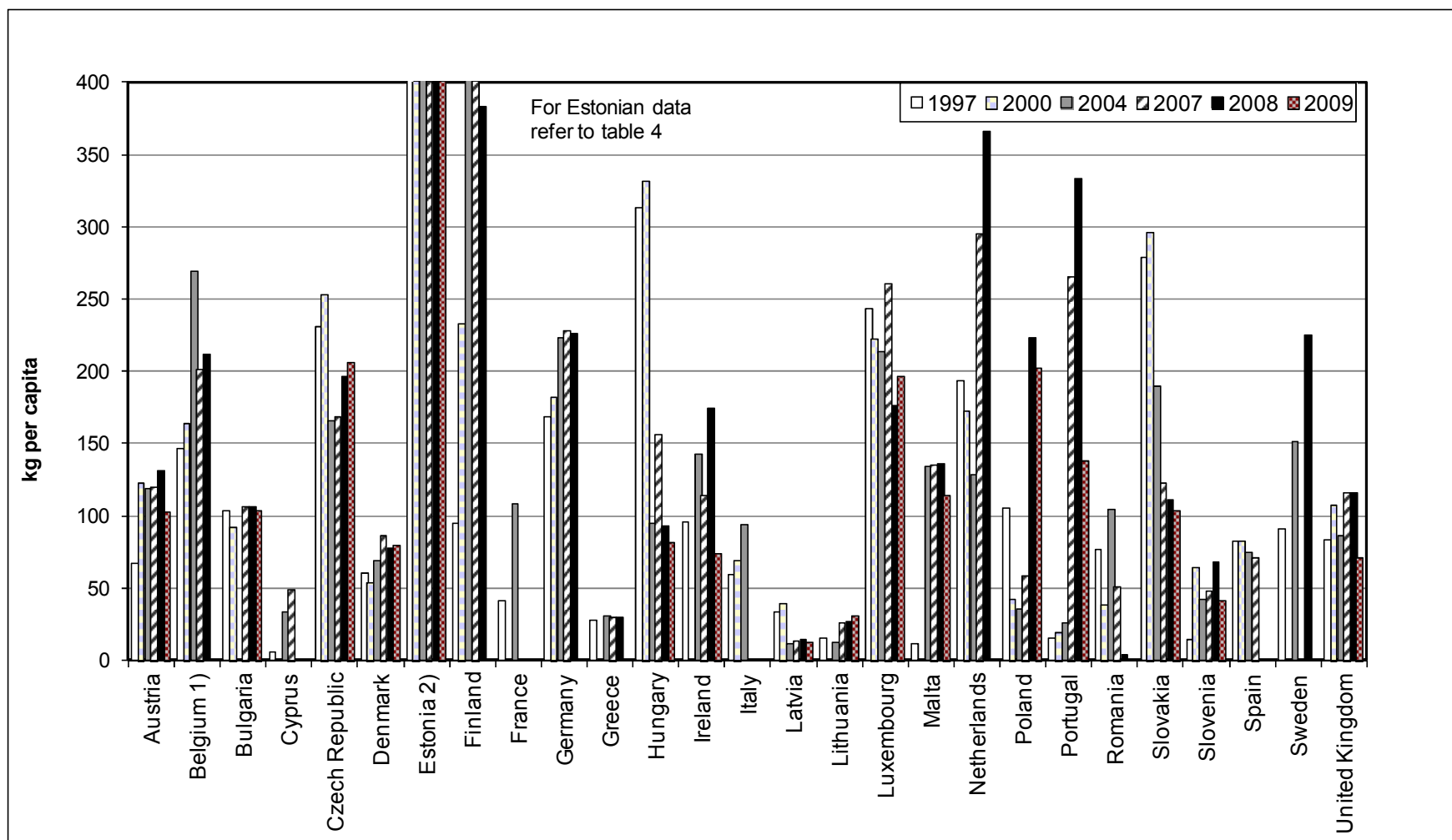
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RO: 1999 data used for 1997

ES: 1999 data used for 1997. 2007 data used for 2008

SE: 1998 data used for 1997. 1999 data used for 2000. 2006 data used for 2007. Data for 2008 used for 2009

Figure 2: Total generation of hazardous waste per capita in Member States, in kg per capita



1) It is assumed that the data communicated by Belgium represent the national total 2) Estonian data includes oil shale waste, which represents more than 95% of the total amount

Figure 3: Waste generation of hazardous waste and other waste in selected EU Member states, as distributed on Y-codes¹ in 2009, in 1000 tonnes

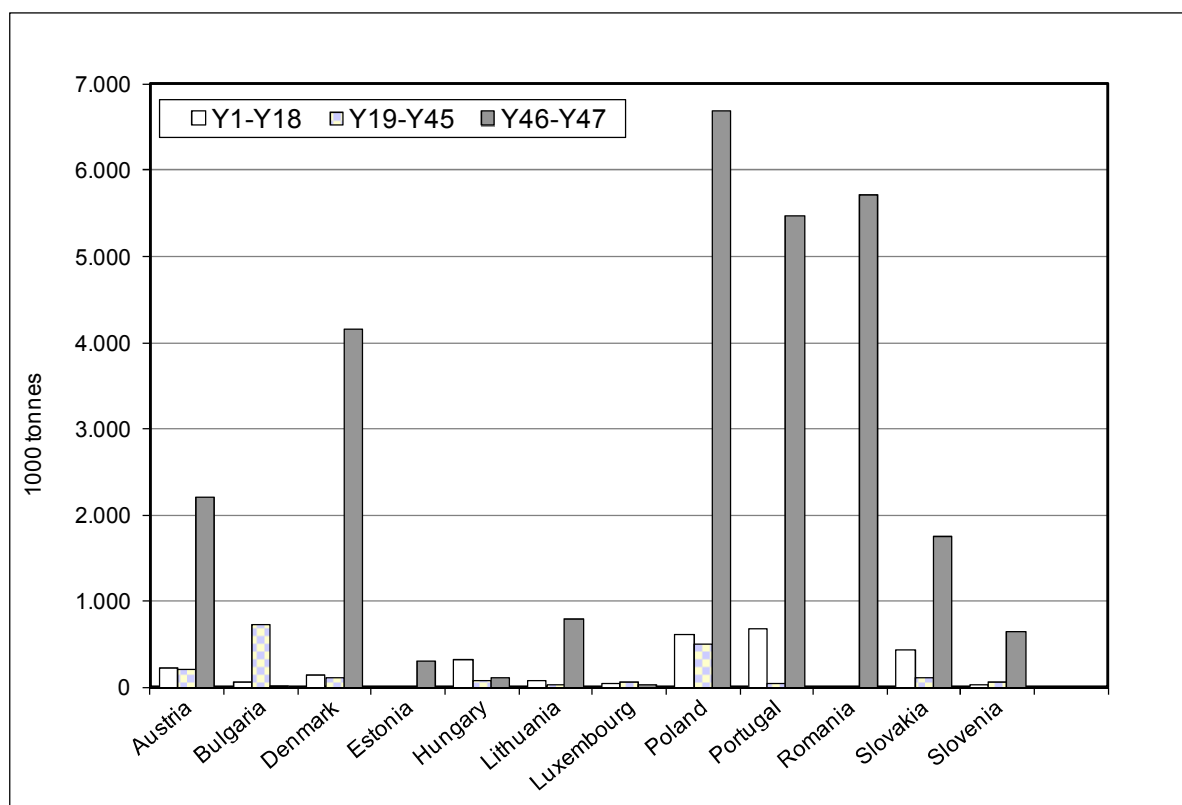


Table 5: Waste generation of hazardous waste and other waste in selected EU Member states, as distributed on Y-codes² in 2009, in 1000 tonnes

Country	Y1-Y18	Y19-Y45	Y46-Y47
Austria	230	203	2202
Bulgaria	64	728	4
Denmark	142	112	4163
Estonia	0	0	302
Hungary	330	80	118
Lithuania	81	23	789
Luxembourg	43	54	36
Poland	613	503	6686
Portugal	685	45	5471
Romania	0	0	5714
Slovakia	438	111	1745
Slovenia	34	50	654

¹ For the list of Y-codes, see Section D.

II. Shipment of hazardous waste and other notified waste out of EU Member States

Figure 4: Shipment of hazardous waste out of EU Member States, in 1000 tonnes

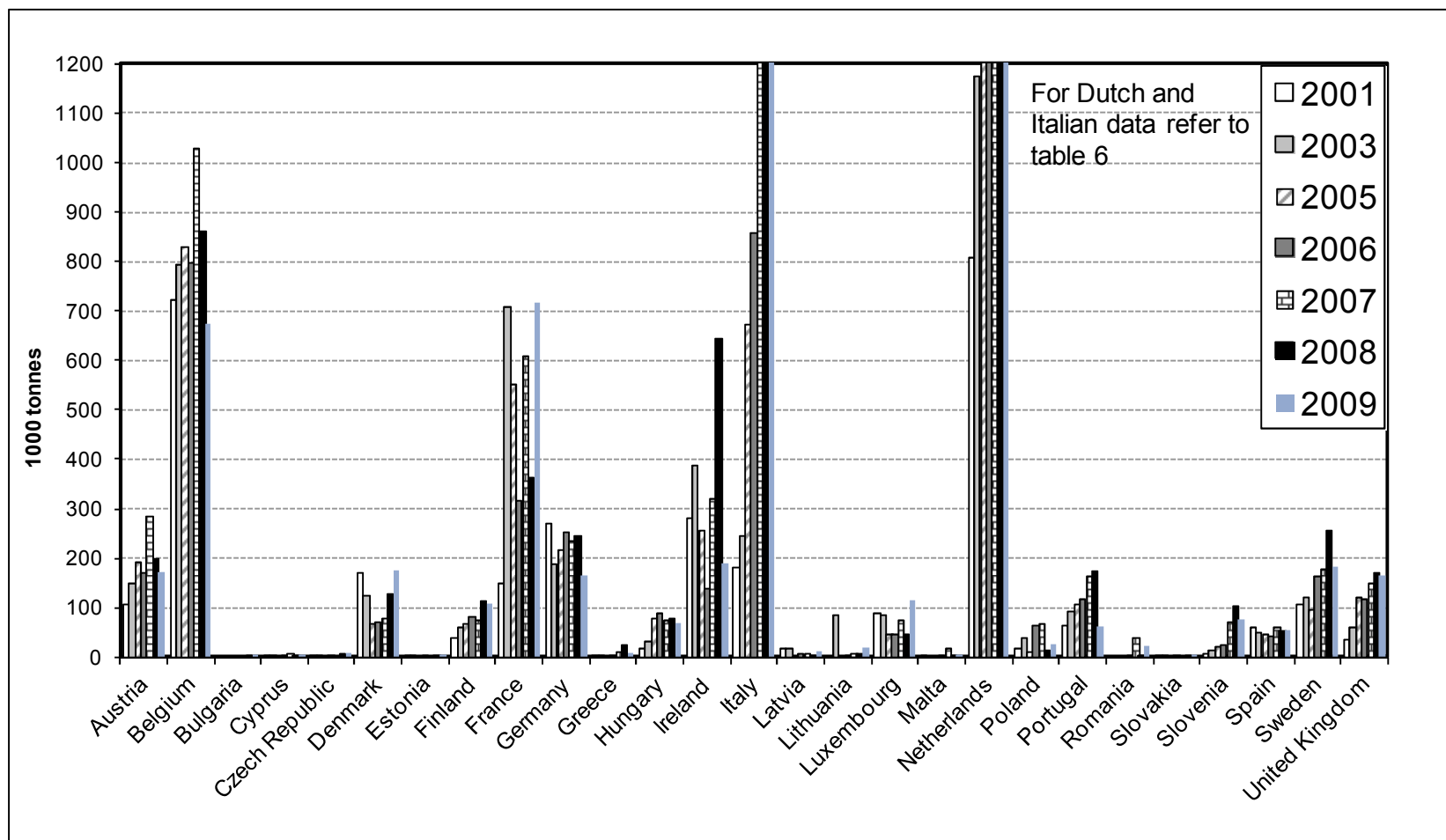


Table 6: Shipment of hazardous waste out of EU Member States, in 1000 tonnes

Country	2001	2003	2005	2006	2007	2008	2009
Austria	106	150	191	170	285	199	173
Belgium	721	792	829	798	1029	862	673
Bulgaria					0	1	0
Cyprus	2	2	3	3	4	0	0
Czech Republic	2	1	2	1	4	6	7
Denmark	170	125	68	69	78	126	177
Estonia	3	1	0	1	3	1	5
Finland	39	60	68	83	74	114	107
France	149	710	551	315	608	362	716
Germany	270	186	217	252	235	245	163
Greece	1	3	3	4	8	25	6
Hungary	18	31	76	88	72	77	69
Ireland	282	389	257	138	320	644	191
Italy	183	243	672	857	1245	1238	1407
Latvia	17	16	1	6	7	2	11
Lithuania		84	2	3	4	6	17
Luxembourg	89	86	46	44	73	44	114
Malta	5		1	1	17	2	2
Netherlands	808	1174	3221	3212	3121	3031	2765
Poland	18	37	10	65	66	13	26
Portugal	63	92	108	118	161	175	61
Romania				1	37	2	23
Slovakia	0	2	3	4	2	3	3
Slovenia	8	14	22	24	70	103	77
Spain	61	49	44	41	60	52	54
Sweden	105	119	95	164	176	256	184
United Kingdom	36	60	120	118	149	171	164
Total EU-12	73	190	119	198	286	217	240
Total EU-15	3084	4240	6490	6382	7622	7544	6954
Total EU-27	3157	4430	6609	6580	7908	7761	7194

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Figure 5: Shipment of hazardous waste out of Member States, in kg per capita

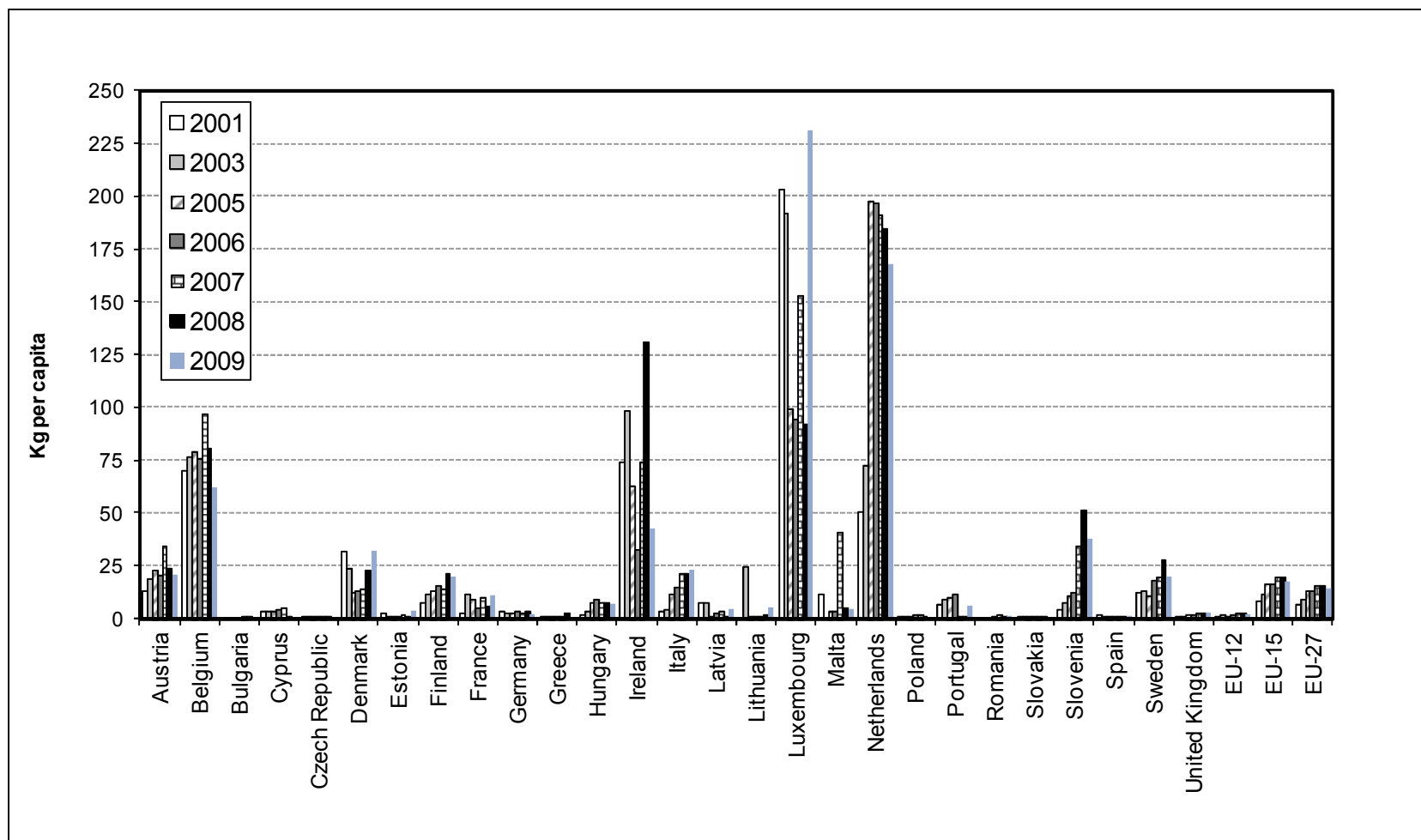


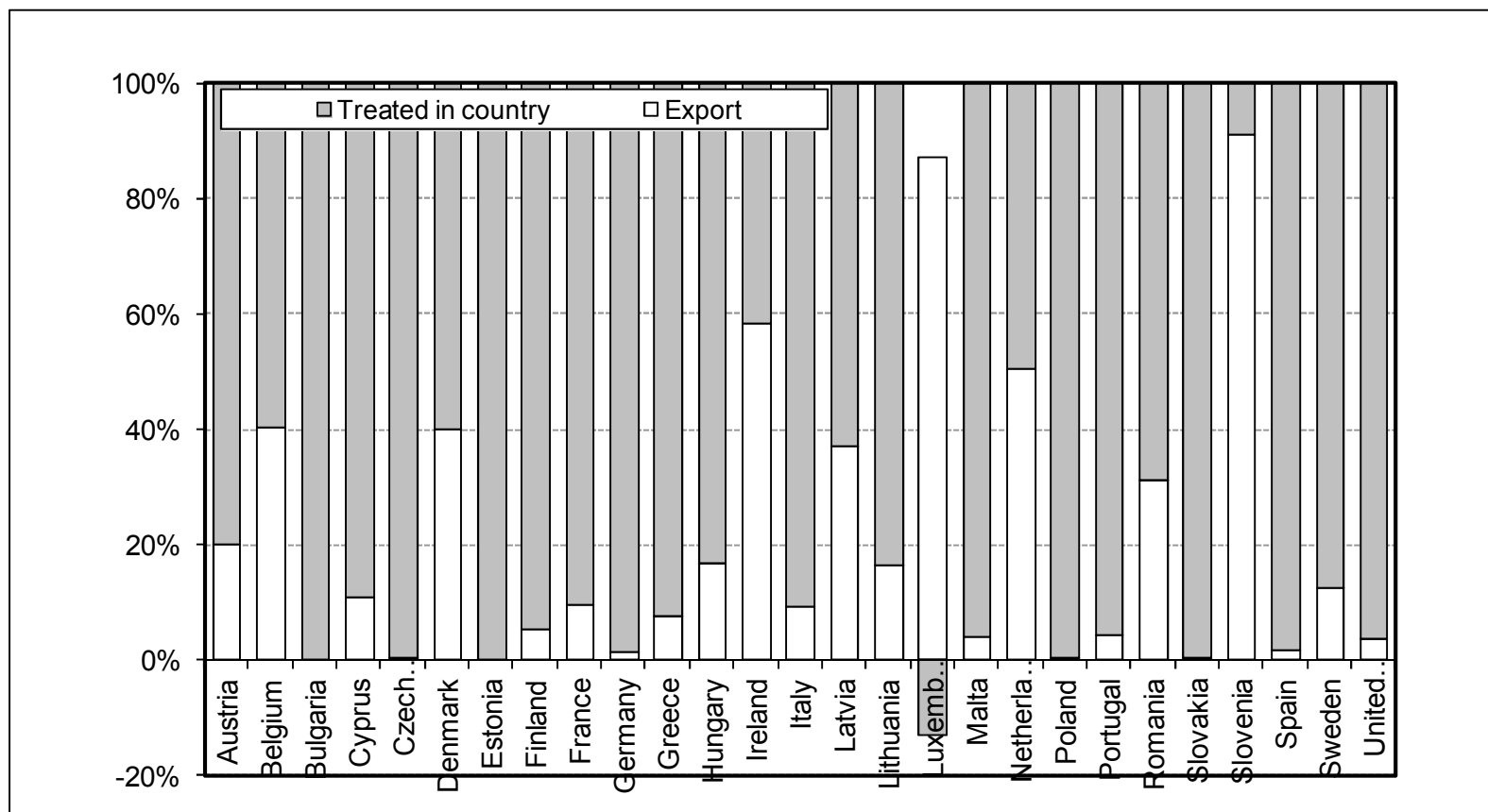
Table 7: Shipment of hazardous waste out of Member States, in kg per capita

Country	2001	2003	2005	2006	2007	2008	2009
Austria	13	19	23	21	34	24	21
Belgium	70	77	79	76	97	81	63
Bulgaria					0	0	0
Cyprus	4	3	4	4	5	1	0
Czech Republic	0	0	0	0	0	1	1
Denmark	32	23	13	13	14	23	32
Estonia	2	1	0	0	2	1	3
Finland	8	12	13	16	14	21	20
France	2	11	9	5	10	6	11
Germany	3	2	3	3	3	3	2
Greece	0	0	0	0	1	2	1
Hungary	2	3	8	9	7	8	7
Ireland	74	98	62	33	74	131	43
Italy	3	4	11	15	21	21	23
Latvia	7	7	0	3	3	1	5
Lithuania		24	1	1	1	2	5
Luxembourg	203	191	99	95	153	92	231
Malta	11		3	3	40	5	4
Netherlands	51	73	198	197	191	185	168
Poland	0	1	0	2	2	0	1
Portugal	6	9	10	11	1	1	6
Romania				0	2	0	1
Slovakia	0	0	0	1	0	1	1
Slovenia	4	7	11	12	35	51	38
Spain	2	1	1	1	1	1	1
Sweden	12	13	11	18	19	28	20
United Kingdom	1	1	2	2	2	3	3
EU-12	1	2	1	2	3	2	2
EU-15	8	11	17	16	19	19	18
EU-27	7	9	13	13	16	16	14

Averages are based on the total calculated in Table 4

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Figure 6: Hazardous waste shipped out of EU Member States in relation to generation in 2009, in %



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

2008 data used for: BE, DE, GR, IT, NT, ES and SE

2007 data used for: CY

2004 data used for: FR

Table 8: Hazardous waste shipped out of each Member State in relation to generation in 2009, in 1000 tonnes

Country	Shipped out of MS	Year of Shipment	Treated in country	Generation	Year of Generation
Austria	173	2009	685	858	2009
Belgium	862	2008	1271	2133	2008
Bulgaria	0	2009	792	793	2009
Cyprus	4	2007	34	38	2007
Czech Republic	6	2009	2155	2161	2009
Denmark	177	2009	264	440	2009
Estonia	5	2009	6779	6784	2009
Finland	107	2008	1923	2030	2008
France	642	2004	6106	6748	2004
Germany	245	2008	18349	18594	2008
Greece	25	2008	308	333	2008
Hungary	69	2009	341	411	2009
Ireland	191	2009	137	328	2009
Italy	857	2006	8378	9235	2006
Latvia	11	2009	19	29	2009
Lithuania	17	2009	88	105	2009
Luxembourg	114	2009	-17	97	2009
Malta	2	2009	45	47	2009
Netherlands	3031	2008	2976	6007	2008
Poland	26	2009	7715	7741	2009
Portugal	61	2009	1411	1472	2009
Romania	23	2009	52	75	2008
Slovakia	3	2009	559	562	2009
Slovenia	77	2009	8	84	2009
Spain	52	2008	3091	3143	2007
Sweden	256	2008	1808	2064	2008
United Kingdom	164	2009	4210	4374	2009

Table 9: Shipment of all notified waste out of EU Member States, in 1000 tonnes

Country	2001	2003	2005	2006	2007	2008	2009
Austria	136	209	394	401	476	875	2162
Belgium	806	869	955	915	1141	984	858
Bulgaria					0	1	0
Cyprus	2	2	3	3	4	0	0
Czech Republic	4	2	2	1	4	6	12
Denmark	344	385	386	301	293	336	255
Estonia	3	1	0	1	3	1	5
Finland	43	63	72	87	78	118	111
France	207	740	582	710	955	709	770
Germany	1540	907	1103	1966	1827	1561	1201
Greece	1	3	3	4	9	32	13
Hungary	18	31	76	88	72	77	69
Ireland	287	421	534	341	331	720	242
Italy	364	430	1035	1148	1471	1666	1713
Latvia	17	16	1	6	7	2	11
Lithuania		84	2	3	4	6	17
Luxembourg	89	86	46	52	84	82	172
Malta	5		1	1	17	2	2
Netherlands	2135	3848	3221	3228	3172	3146	2920
Poland	18	155	13	65	66	13	26
Portugal	63	92	108	118	8	6	61
Romania				1	37	2	23
Slovakia	0	2	5	4	5	3	5
Slovenia	8	15	22	40	70	103	77
Spain	61	49	44	41	60	99	70
Sweden	120	153	107	308	312	362	289
United Kingdom	36	61	197	129	167	198	267
EU-12	76	310	125	214	288	217	247
EU-15	6231	8316	8788	9749	10384	10894	11106
EU-27	6307	8626	8912	9963	10673	11111	11353

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead..

Figure 7: Shipment of all notified waste out of EU Member States, in 1000 tonnes

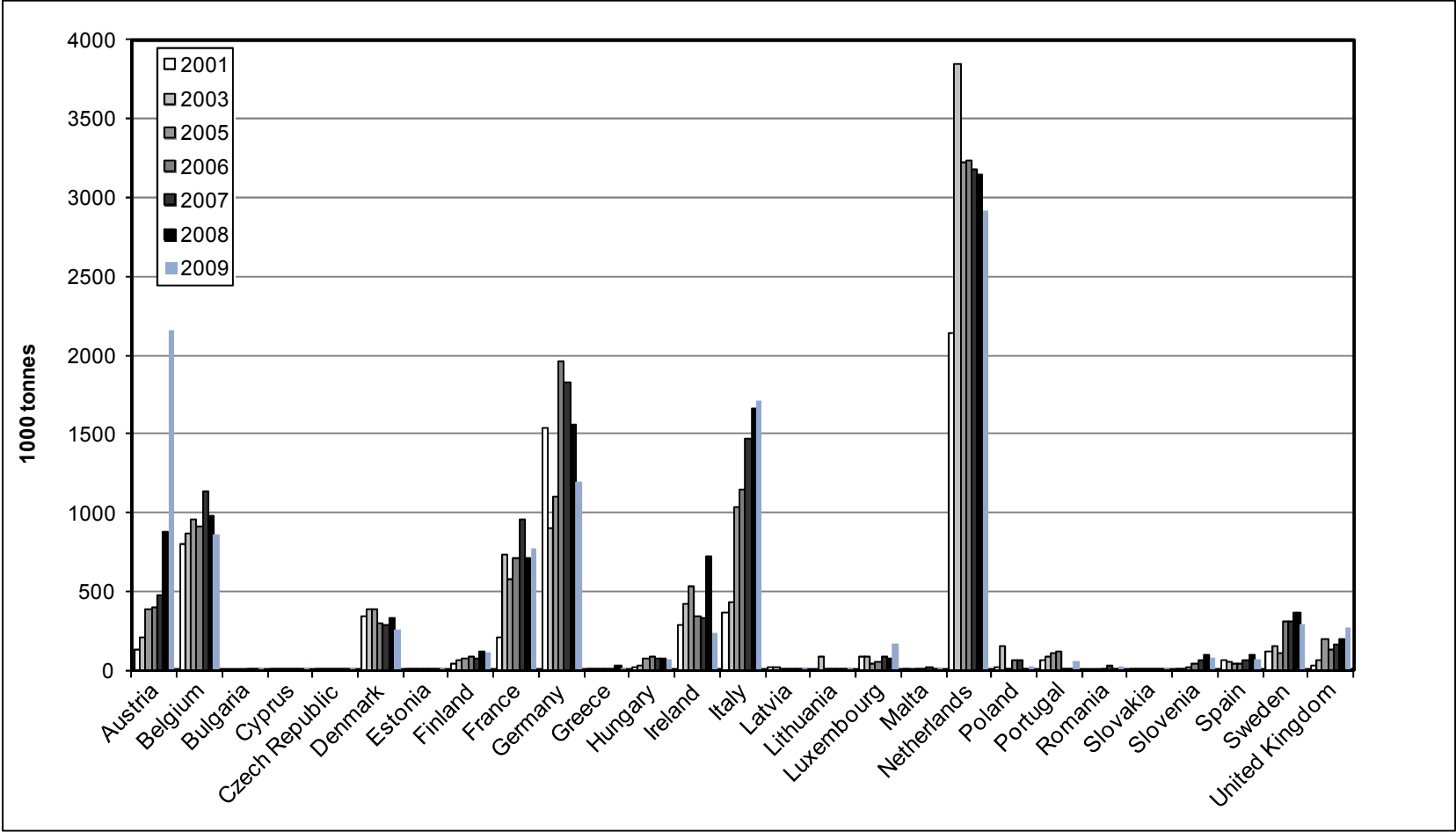


Table 10: Shipment of all notified waste out of EU Member States, in kg per capita

Country	2001	2003	2005	2006	2007	2008	2009
Austria	17	26	48	49	57	105	259
Belgium	79	84	91	87	108	92	80
Bulgaria	0	0	0	0	0	0	0
Cyprus	4	3	4	4	5	1	0
Czech Republic	0	0	0	0	0	1	1
Denmark	64	72	71	55	54	61	46
Estonia	2	1	0	0	2	1	3
Finland	8	12	14	16	15	22	21
France	3	12	9	11	15	11	12
Germany	19	11	13	24	22	19	15
Greece	0	0	0	0	1	3	1
Hungary	2	3	8	9	7	8	7
Ireland	75	106	130	81	77	164	54
Italy	6	7	18	20	25	28	29
Latvia	7	7	0	3	3	1	5
Lithuania	0	24	1	1	1	2	5
Luxembourg	203	191	99	112	176	169	348
Malta	11	0	3	3	40	5	4
Netherlands	134	238	198	198	194	192	177
Poland	0	4	0	2	2	0	1
Portugal	6	9	10	11	1	1	6
Romania	0	0	0	0	2	0	1
Slovakia	0	0	1	1	1	1	1
Slovenia	4	7	11	20	35	51	38
Spain	2	1	1	1	1	2	2
Sweden	13	17	12	34	34	39	31
United Kingdom	1	1	3	2	3	3	4
EU-12	1	4	1	2	3	2	2
EU-15	16	22	23	25	27	28	28
EU-27	14	19	18	20	22	22	23

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Figure 8: Shipment of all notified waste out of EU Member States, in kg per capita

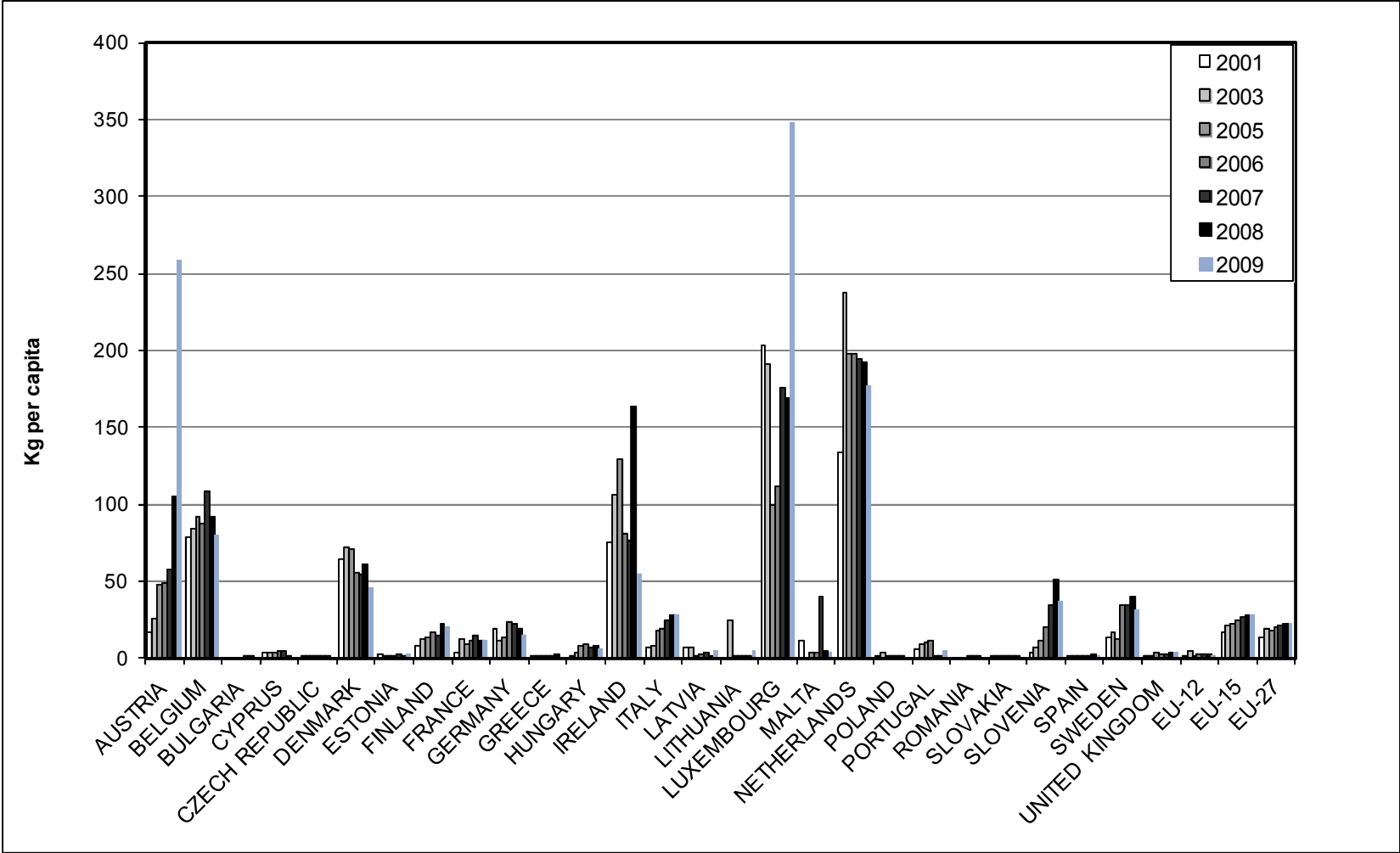


Figure 9: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2009, in %

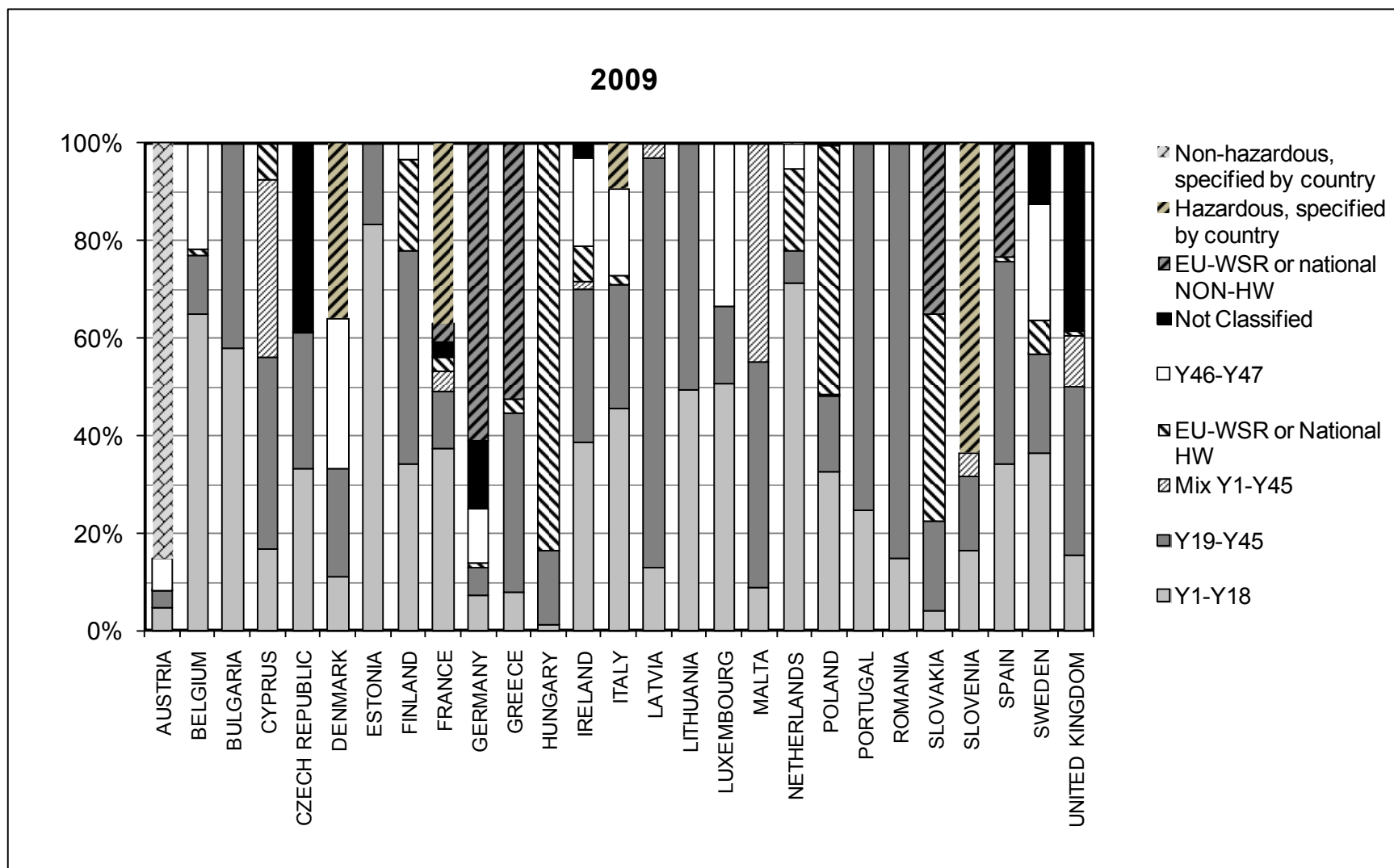


Figure 10: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2008, in %

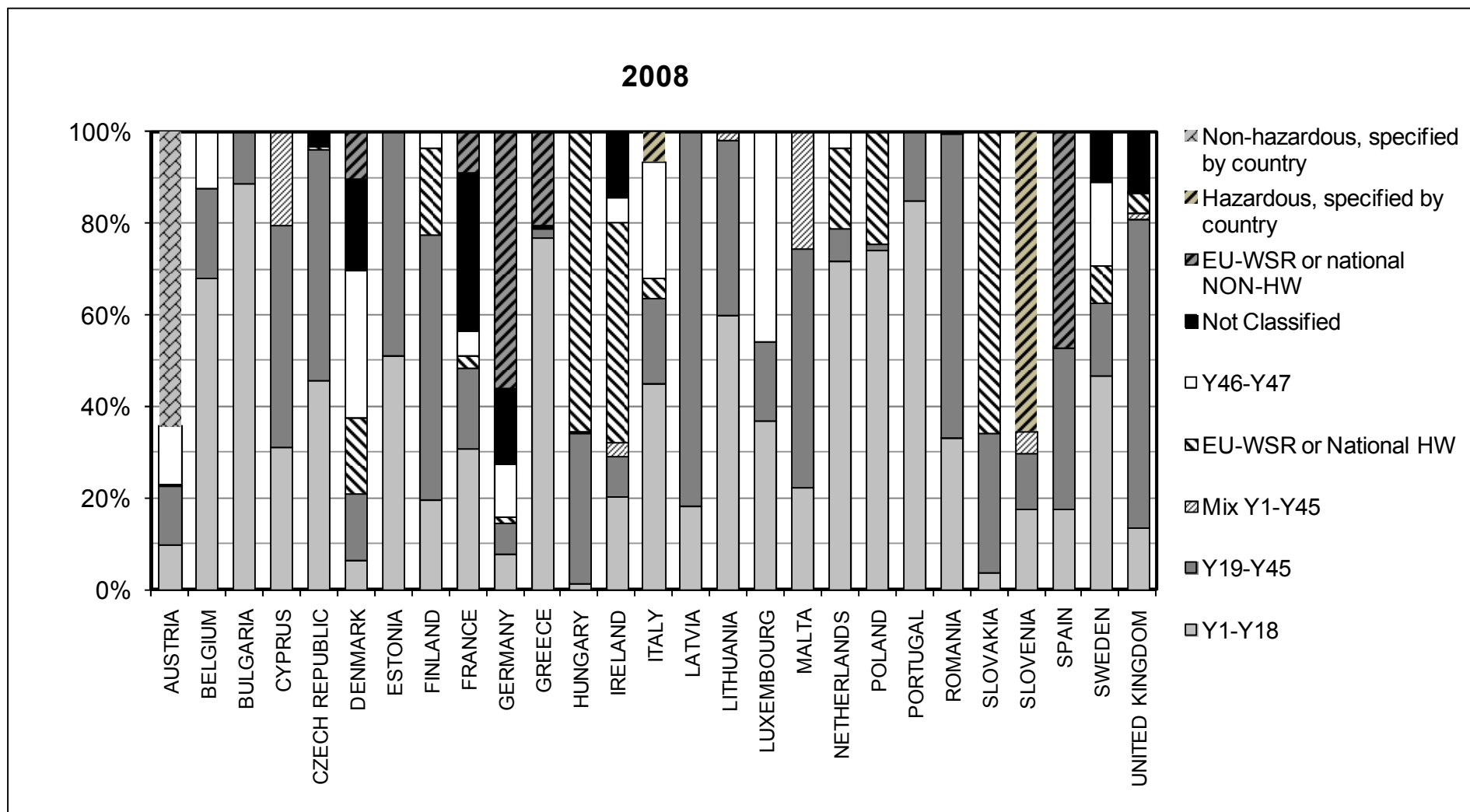


Figure 11: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2007, in %

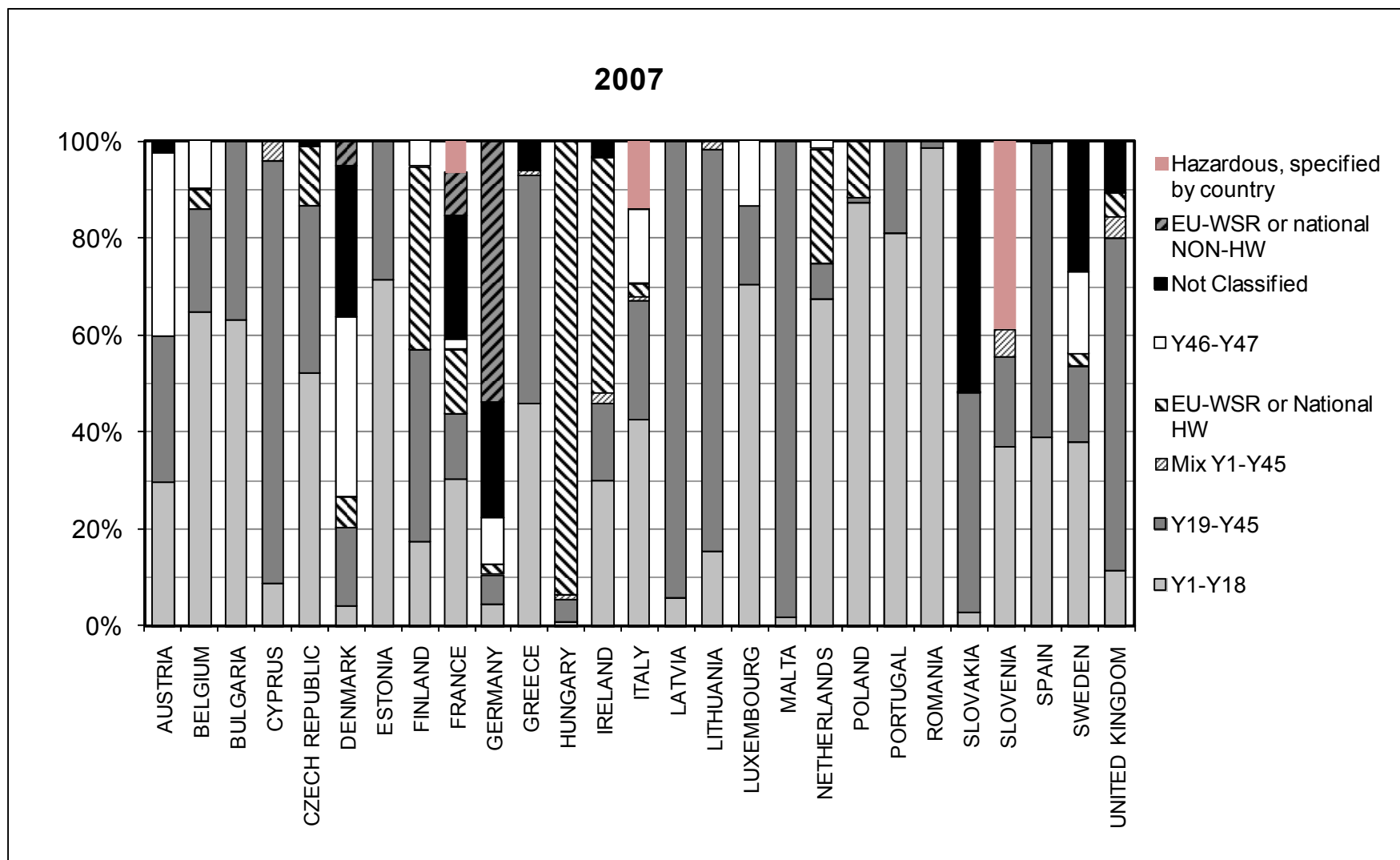


Figure 12: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2006, in %

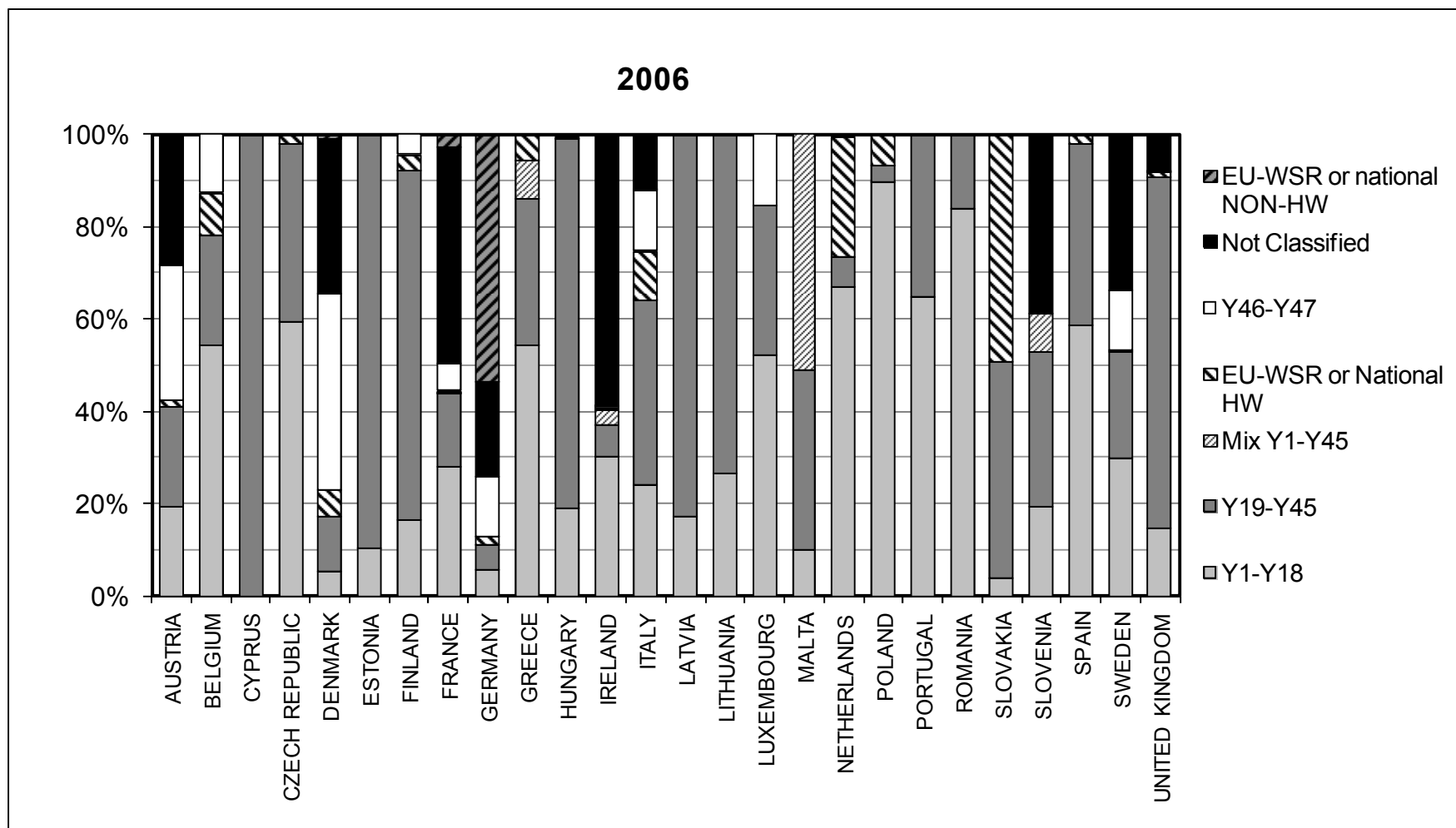


Figure 13: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2005, in %

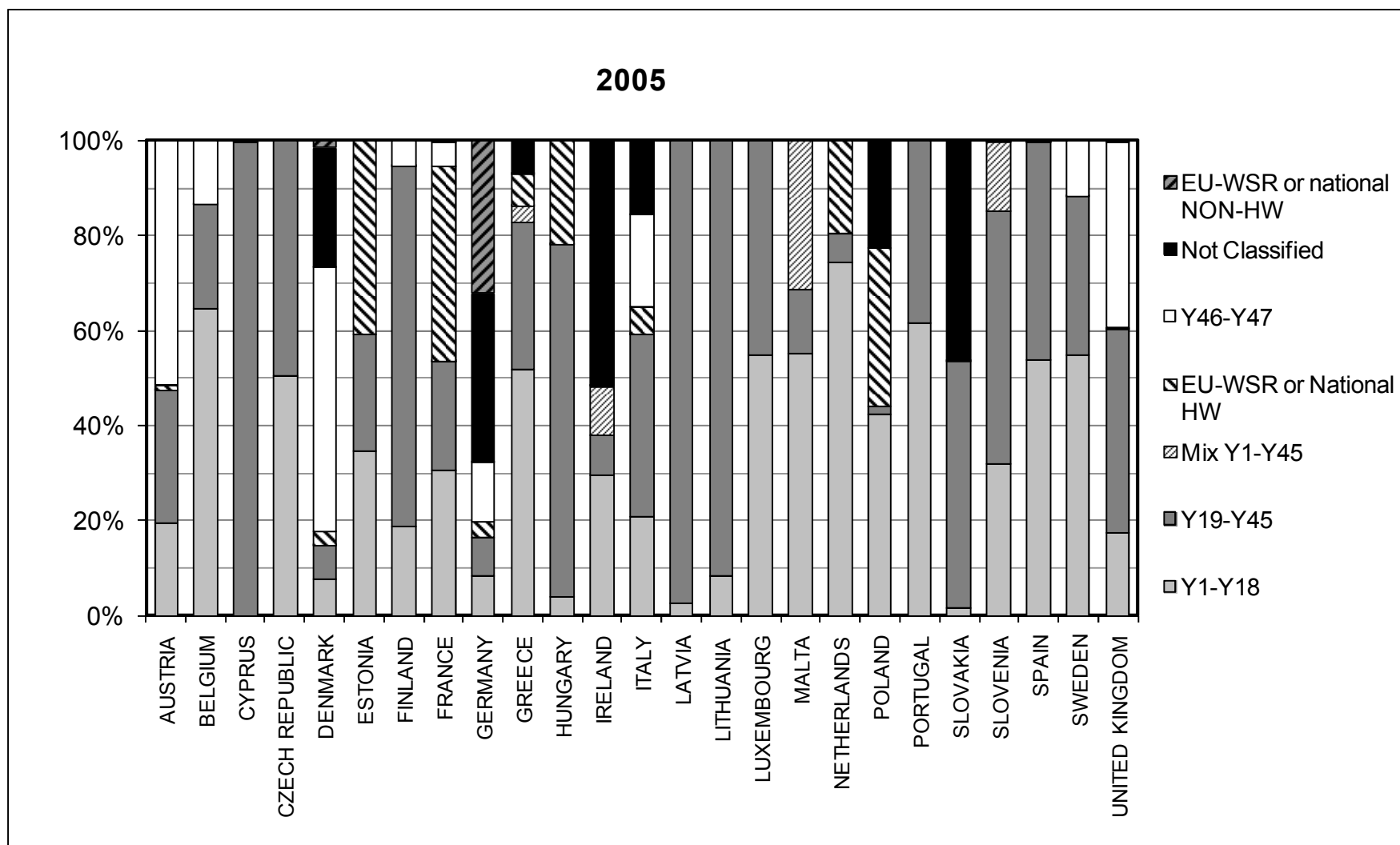


Table 11: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2009, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	Not Classified	EU-WSR or national NON-HW	Hazardous, specified by country	Non-hazardous, specified by country	Total
Austria	94.880	77.357	0	731	147.514	0	0	0	1.841.419	2.161.901
Belgium	557.336	103.533	0	11.727	185.563	0	0	0	0	858.159
Bulgaria	229	166	0	0	0	0	0	0	0	395
Cyprus	18	43	40	8	0	0	0	0	0	109
Czech Republic	3.938	3.324	0	24	0	4.634	0	0	0	11.920
Denmark	28.071	56.675	0	0	78.777	0	0	91.915	0	255.438
Estonia	3.890	774	0	0	0	0	0	0	0	4.664
Finland	37.806	48.561	0	20.604	3.832	0	0	0	0	110.803
France	286.030	91.915	31.518	20.701	3.893	21.111	29.447	285.597	0	770.212
Germany	83.847	67.845	0	11.567	134.275	167.592	736.323	0	0	1.201.449
Greece	1.024	5.003	0	365	0	0	7.099	0	0	13.491
Hungary	650	10.667	0	57.940	0	0	0	0	0	69.257
Ireland	93.412	75.969	3.518	17.961	44.302	6.932	0	0	0	242.094
Italy	781.026	435.110	86	31.753	306.557	0	0	158.576	0	1.713.108
Latvia	1.382	9.187	326	0	0	0	0	0	0	10.895
Lithuania	8.536	8.722	0	0	0	0	0	0	0	17.258
Luxembourg	87.253	26.814	0	0	57.864	0	0	0	0	171.931
Malta	161	860	832	0	0	0	0	0	0	1.853
Netherlands	2.079.936	190.633	0	493.931	152.326	0	0	0	2.958	2.919.784
Poland	8.364	3.998	96	13.131	0	111	0	0	0	25.700
Portugal	14.969	46.396	0	0	0	0	0	0	0	61.365
Romania	3.404	20.027	0	0	0	0	0	0	0	23.431
Slovakia	172	860	0	1.947	0	0	1.623	0	0	4.602
Slovenia	12.406	11.731	3.831	0	0	0	0	48.791	0	76.759
Spain	23.874	29.351	0	774	0	0	16.359	0	0	70.358
Sweden	104.598	58.704	224	20.079	68.945	36.343	0	0	0	288.893
United Kingdom	41.153	92.379	28.006	2.676	0	102.675	0	0	0	266.889
EU-27	4.358.365	1.476.604	68.477	705.919	1.183.848	339.398	790.851	584.879	1.844.377	11.352.718

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Table 12: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2008, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	Not Classified	EU-WSR or national NON-HW	Hazardous, specified by country	Non-hazardous, specified by country	Total
Austria	84.344	111.096	0	3.804	111.613	0	0	0	564.003	874.860
Belgium	669.671	191.734	0	615	122.072	0	0	0	0	984.092
Bulgaria	804	104	0	0	0	0	0	0	0	908
Cyprus	123	192	82	0	0	0	0	0	0	397
Czech Republic	2.793	3.120	0	24	0	208	0	0	0	6.145
Denmark	21.137	48.539	0	56.148	108.050	67.491	34.298	0	0	335.663
Estonia	364	350	0	0	0	0	0	0	0	714
Finland	22.970	67.949	0	22.626	4.031	0	0	0	0	117.576
France	217.282	125.968	0	18.951	36.679	246.754	63.590	0	0	709.224
Germany	117.581	103.221	0	23.994	177.957	260.022	877.816	0	0	1.560.591
Greece	24.761	607	13	0	0	193	6.672	0	0	32.246
Hungary	750	25.180	250	50.453	0	0	0	0	0	76.633
Ireland	145.418	62.106	23.069	345.625	39.402	104.637	0	0	0	720.257
Italy	748.424	309.288	0	72.403	427.954	0	0	107.756	0	1.665.825
Latvia	414	1.902	0	0	0	0	0	0	0	2.316
Lithuania	3.862	2.476	128	0	0	0	0	0	0	6.466
Luxembourg	30.012	14.284	0	0	37.658	0	0	0	0	81.954
Malta	432	1.028	506	0	0	0	0	0	0	1.966
Netherlands	2.250.806	232.118	0	547.969	114.636	0	0	0	0	3.145.529
Poland	9.605	145	19	3.192	0	0	0	0	0	12.961
Portugal	5.394	969	0	0	0	0	0	0	0	6.363
Romania	781	1.572	8	0	0	0	0	0	0	2.361
Slovakia	118	1.048	0	2.262	0	0	0	0	0	3.428
Slovenia	17.649	12.783	4.812	0	0	0	0	67.382	0	102.626
Spain	17.220	34.887	0	28	0	102	46.856	0	0	99.093
Sweden	168.607	58.381	0	28.604	67.425	39.403	0	0	0	362.420
United Kingdom	26.291	133.537	2.987	8.593	239	26.399	0	0	0	198.046
EU-27	4.587.613	1.544.584	31.874	1.185.291	1.247.716	745.209	1.029.232	175.138	564.003	11.110.660

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Table 13: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2007, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR National HW	or Y46-Y47	Not Classified	EU-WSR or national	Hazardous, country	specified by	Total
Austria	141.130	143.811	0	0	179.179	11.686	0	0	0	475.806
Belgium	739.864	242.284	0	47.134	111.975	0	0	0	0	1.141.257
Bulgaria	185	108	0	0	0	0	0	0	0	293
Cyprus	356	3.544	175	0	0	0	0	0	0	4.075
Czech Republic	1.869	1.233	0	440	0	37	0	0	0	3.579
Denmark	12.506	47.410	0	18.335	108.433	91.258	15.133	0	0	293.075
Estonia	1.897	766	0	0	0	0	0	0	0	2.663
Finland	13.553	31.145	0	29.503	4.019	0	0	0	0	78.220
France	289.158	129.016	0	126.999	17.906	244.414	84.371	62.713	0	954.577
Germany	85.135	108.940	0	40.501	172.297	436.770	983.307	0	0	1.826.950
Greece	4.104	4.231	88	0	0	544	0	0	0	8.967
Hungary	570	3.550	500	67.550	0	0	0	0	0	72.170
Ireland	99.446	52.440	7.315	160.914	7	11.029	0	0	0	331.151
Italy	628.505	356.534	15.846	37.791	226.330	0	14	205.996	0	1.471.016
Latvia	420	6.758	0	0	0	0	0	0	0	7.178
Lithuania	623	3.363	78	0	0	0	0	0	0	4.064
Luxembourg	59.029	13.657	0	0	11.137	0	0	0	0	83.823
Malta	301	16.203	0	0	0	0	0	0	0	16.504
Netherlands	2.135.698	236.994	0	747.869	51.736	0	0	0	0	3.172.297
Poland	57.909	959	0	7.555	0	0	0	0	0	66.423
Portugal	6.086	1.434	0	0	0	0	0	0	0	7.520
Romania	36.702	518	0	0	0	0	0	0	0	37.220
Slovakia	137	2.045	0	10	0	2.339	0	0	0	4.531
Slovenia	25.741	12.950	4.019	0	0	0	0	26.981	0	69.691
Spain	23.468	36.652	0	59	11	0	0	0	0	60.190
Sweden	118.839	48.745	0	8.369	51.807	84.730	0	0	0	312.490
United Kingdom	19.363	114.582	7.550	7.802	0	17.857	0	0	0	167.154
EU-27	4.502.594	1.619.872	35.571	1.300.831	934.837	900.664	1.082.825	295.690	0	10.672.884

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

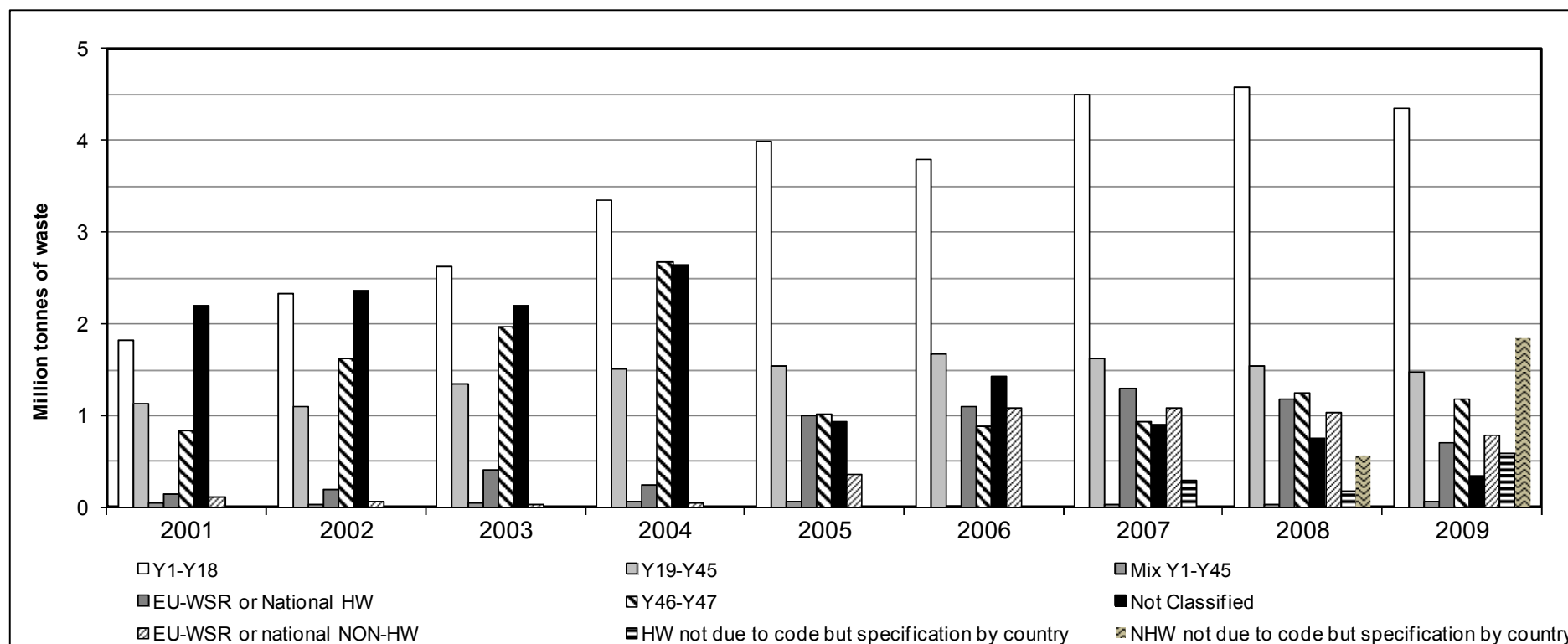
Table 14: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2006, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	Not Classified	EU-WSR or national NON-HW	Total
Austria	77.913	87.297	0	4.448	117.699	113.321	0	400.678
Belgium	498.305	218.784	0	80.777	117.123	0	0	914.989
Cyprus	0	3.297	2	0	0	0	0	3.299
Czech Republic	771	503	0	24	0	0	0	1.298
Denmark	16.704	35.719	0	16.369	127.925	101.414	2.422	300.553
Estonia	62	529	0	0	0	0	0	591
Finland	14.280	65.432	0	3.006	3.846	0	0	86.564
France	198.842	113.342	958	1.891	42.428	332.614	19.526	709.601
Germany	115.974	103.296	0	32.642	254.828	407.318	1.052.323	1.966.381
Greece	2.423	1.396	370	252	0	0	0	4.441
Hungary	16.977	70.550	0	405	0	350	0	88.282
Ireland	103.288	23.395	11.070	412	2.043	201.159	0	341.367
Italy	277.454	458.938	1.143	119.322	152.460	138.961	0	1.148.278
Latvia	1.115	5.272	0	0	0	0	0	6.387
Lithuania	703	1.931	0	0	0	0	0	2.634
Luxembourg	27.469	16.888	0	0	8.086	0	0	52.443
Malta	138	522	686	0	0	0	0	1.346
Netherlands	2.160.237	217.251	0	834.176	16.645	0	0	3.228.309
Poland	58.260	2.208	0	4.406	0	0	0	64.874
Portugal	76.422	41.604	0	0	0	0	0	118.026
Romania	1.008	194	0	0	0	0	0	1.202
Slovakia	158	1.791	0	1.900	0	0	0	3.849
Slovenia	7.778	13.271	3.344	0	0	15.424	0	39.817
Spain	23.829	16.051	0	705	35	59	0	40.679
Sweden	92.208	71.456	0	110	40.103	104.362	0	308.239
United Kingdom	18.907	98.307	0	1.060	24	10.595	0	128.893
EU-27	3.791.225	1.669.224	17.573	1.101.905	883.245	1.425.577	1.074.271	9.963.020

Table 15: Shipment of hazardous waste and other notified waste out of Member States, as distributed on Y-codes in 2005, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	Not Classified	EU-WSR or national NON-HW	Total
Austria	75.690	111.701		3.698	203.038			394.127
Belgium	614.552	214.429			126.396			955.377
Cyprus		2.802	16					2.818
Czech Republic	767	758						1.525
Denmark	28.558	28.883		10.696	216.035	95.881	6.184	386.237
Estonia	104	74		123				301
Finland	13.462	54.785		236	3.710			72.193
France	176.506	133.272	2.000	238.780	29.440	1.554		581.552
Germany	90.536	90.082		36.770	139.919	389.003	356.398	1.102.708
Greece	1.749	1.059	118	235		234		3.395
Hungary	2.875	56.518		16.652				76.045
Ireland	156.512	45.357	54.952		2.061	275.123		534.005
Italy	214.781	397.801	16	59.339	202.759	160.229		1.034.925
Latvia	18	749						767
Lithuania	182	2.069						2.251
Luxembourg	24.981	20.775						45.756
Malta	696	170	397					1.263
Netherlands	2.395.313	190.615		635.187				3.221.115
Poland	5.437	241		4.301		2.931		12.910
Portugal	66.232	41.450						107.682
Slovakia	77	2.510				2.237		4.824
Slovenia	6.977	11.696	3.290			30		21.993
Spain	23.652	20.395		53	31			44.131
Sweden	58.889	35.901			12.608			107.398
United Kingdom	34.018	84.683		847	76.883	477		196.908
EU-27	3.992.564	1.548.775	60.789	1.006.917	1.012.880	927.699	362.582	8.912.206

Figure 14: Shipment of hazardous waste and other notified waste out of Member States for total EU-27, as distributed on Y-codes in 2001-2009, in million tonnes



NOTE: This figure 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. Given the option to use codes from the EWL, the amount of non-classified waste has decreased in recent years.

Table 16: Treatment of hazardous waste shipped out of Member States (EU-27), in tonnes

Year	Disposal	Recovery	Mix	Unknown	EU-27 Total
2001	629.386	2.429.308	87.795	10.213	3.156.702
2002	881.761	2.753.254	21.766	5.489	3.662.270
2003	892.523	3.516.212	19.123	2.328	4.430.186
2004	1.190.341	3.841.858	123.088	894	5.156.181
2005	1.325.975	5.277.990	1.535	1.476	6.606.976
2006	1.391.066	5.144.146	1.987	42.728	6.579.927
2007	1.733.001	6.003.595	13.537	1.977	7.752.110
2008	2.103.881	5.417.863	2.555		7.524.299
2009	1.941.841	5.239.132	2.992	4.497	7.188.462

Figure 15: Treatment of hazardous waste shipped out of Member States (EU-27), in million tonnes



Table 17: Treatment of hazardous waste shipped out of EU-15 Member States, in tonnes

Year	Disposal	Recovery	Mix	Unknown	EU-15 Total
2001	602.763	2.387.924	82.690	10.213	3.083.590
2002	855.133	2.730.126	21.766	4.781	3.611.806
2003	845.759	3.372.595	19.094	2.328	4.239.776
2004	1.147.783	3.699.670	9.494	694	4.857.641
2005	1.295.547	5.192.039	484	1.476	6.489.546
2006	1.354.195	4.983.462	1.987	42.478	6.382.122
2007	1.700.653	5.753.084	10.429	1.929	7.466.095
2008	2.077.774	5.227.586	2.226		7.307.586
2009	1.906.591	5.035.697	1.224	4.497	6.948.009

Figure 16: Treatment of hazardous waste shipped out of EU-15 Member States, in million tonnes

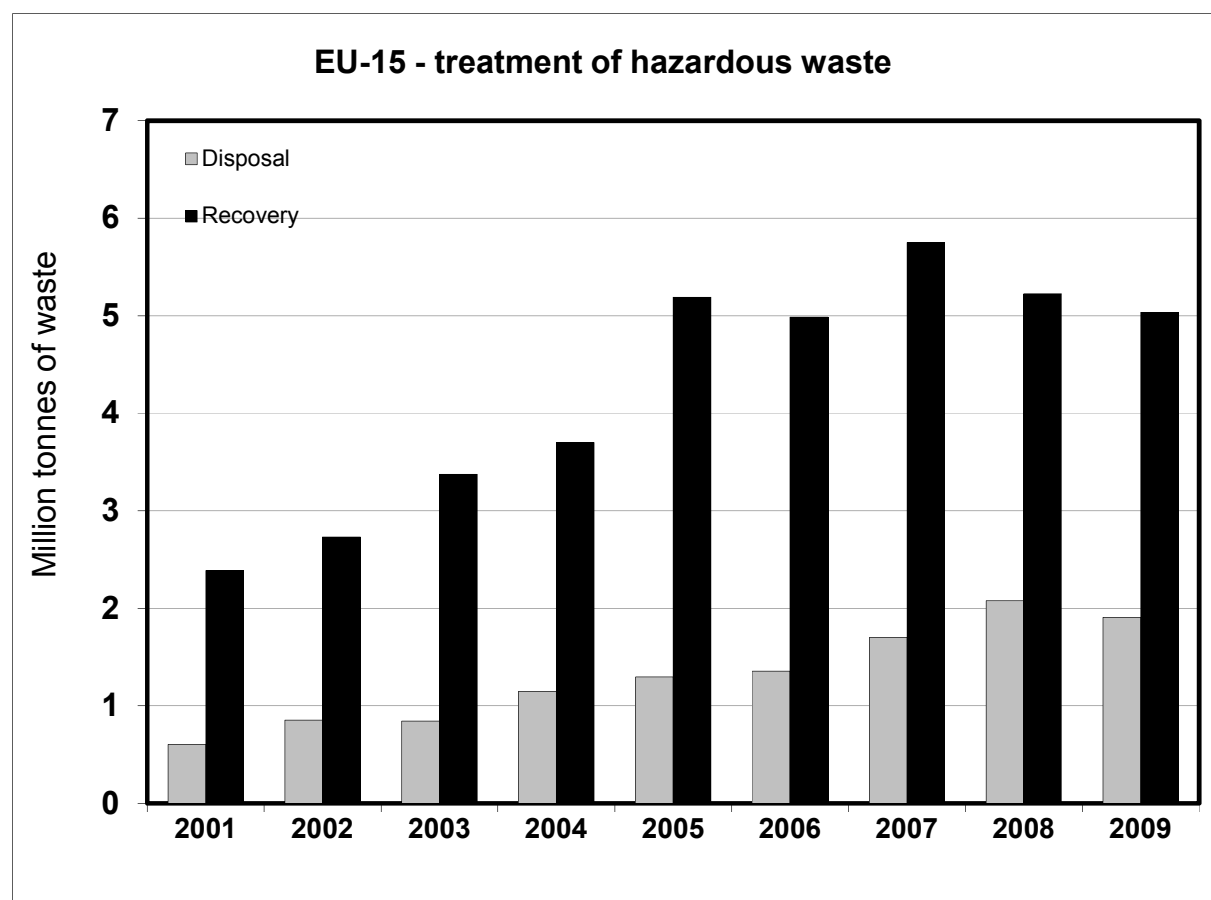


Table 18: Treatment of hazardous waste shipped out of EU-12 Member States, in tonnes

Year	Disposal	Recovery	Mix	Unknown	EU-12 Total
2001	26.623	41.384	5.105	0	73.112
2002	26.628	23.128	0	708	50.464
2003	46.764	143.617	29	0	190.410
2004	42.558	142.188	113.594	200	298.540
2005	30.428	85.951	1.051	0	117.430
2006	36.871	160.684	0	250	197.805
2007	32.348	250.511	3.108	48	286.015
2008	26.107	190.277	329	0	216.713
2009	35.250	203.435	1.768	0	240.453

Figure 17: Treatment of hazardous waste shipped out of EU-12 Member States, in million tonnes

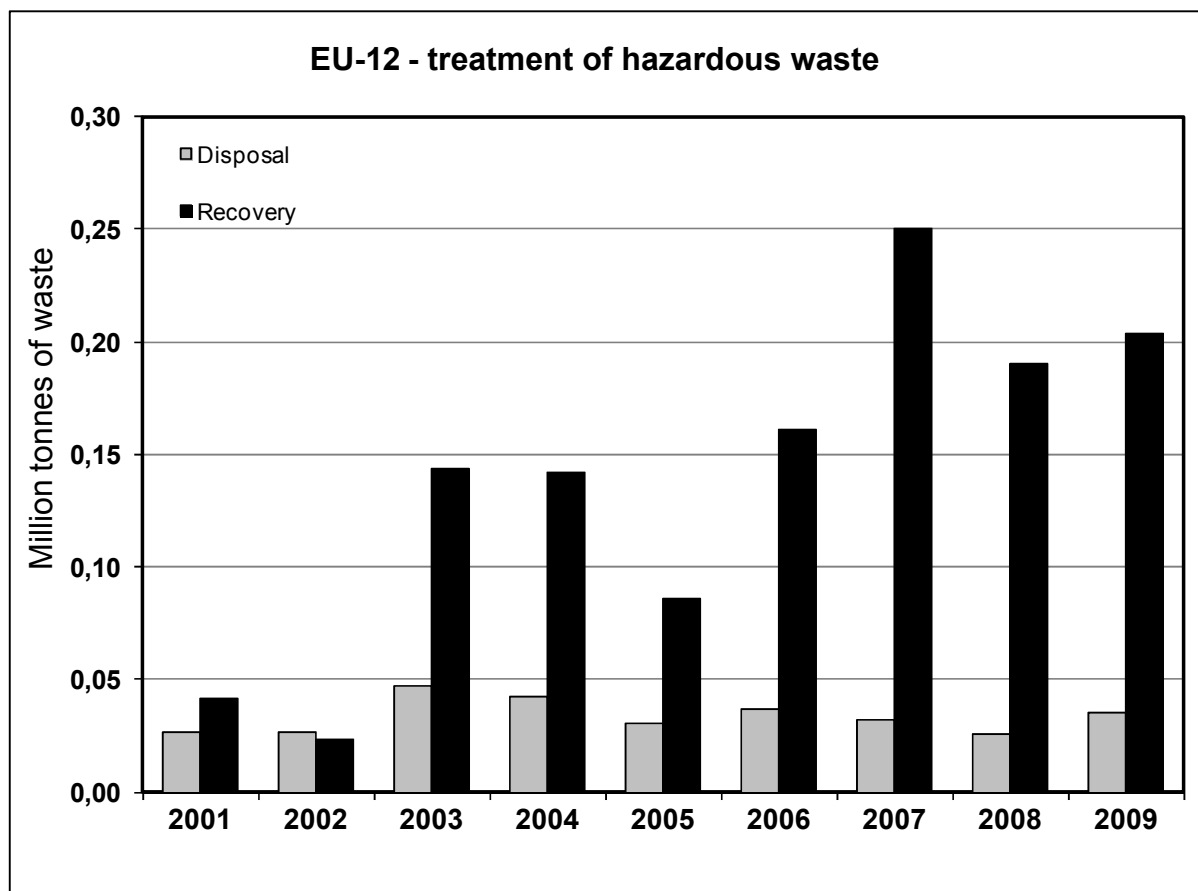


Figure 18: Treatment of hazardous waste shipped out of EU Member States in 2009, in %

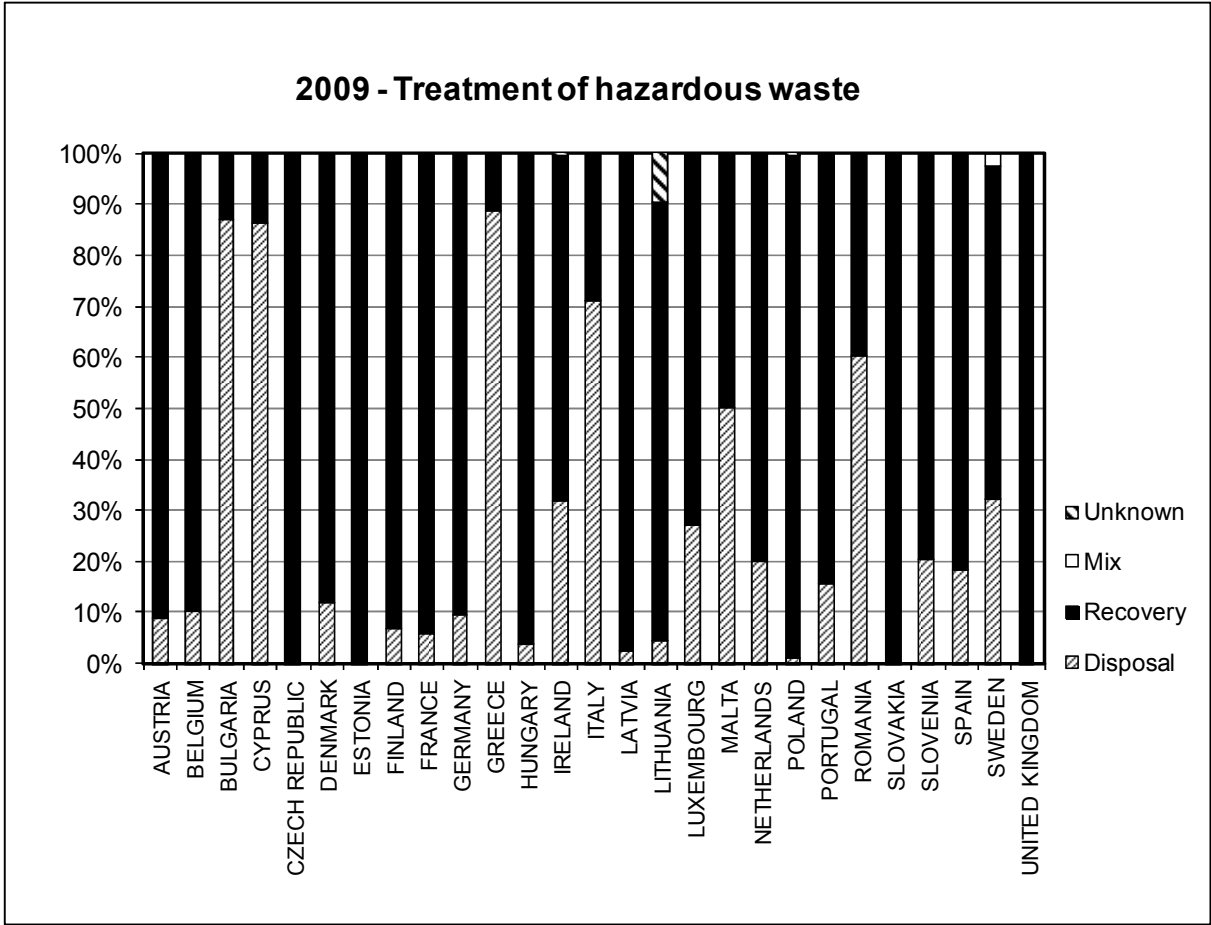


Table 19: Treatment of hazardous waste shipped out of EU Member States in 2009, in tonnes

Country	Disposal	Recovery	Mix	Unknown	Total
Austria	15.316	157.652			172.968
Belgium	70.270	596.744			667.014
Bulgaria	344	51			395
Cyprus	94	15			109
Czech Republic		7.286			7.286
Denmark	21.310	155.351			176.661
Estonia		4.664			4.664
Finland	7.448	99.523			106.971
France	41.905	673.856			715.761
Germany	15.954	147.305			163.259
Greece	5.669	723			6.392
Hungary	2.800	66.457			69.257
Ireland	61.231	128.296		1.155	190.682
Italy	1.002.131	404.420			1.406.551
Latvia	266	10.629			10.895
Lithuania	776	14.840		1.642	17.258
Luxembourg	31.078	82.989			114.067
Malta	933	920			1.853
Netherlands	554.274	2.210.226			2.764.500
Poland	291	25.150		126	25.567
Portugal	9.732	51.633			61.365
Romania	14.127	9.304			23.431
Slovakia		2.979			2.979
Slovenia	15.619	61.140			76.759
Spain	10.024	43.975			53.999
Sweden	59.025	120.014	4.497	69	183.605
United Kingdom	1.224	162.990			164.214
EU-12	35.250	203.435	0	1.768	240.453
EU-15	1.906.591	5.035.697	4.497	1.224	6.948.009
EU -7	1.941.841	5.239.132	4.497	2.992	7.188.462

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Figure 19: Treatment of hazardous waste shipped out of EU Member States in 2008, in %

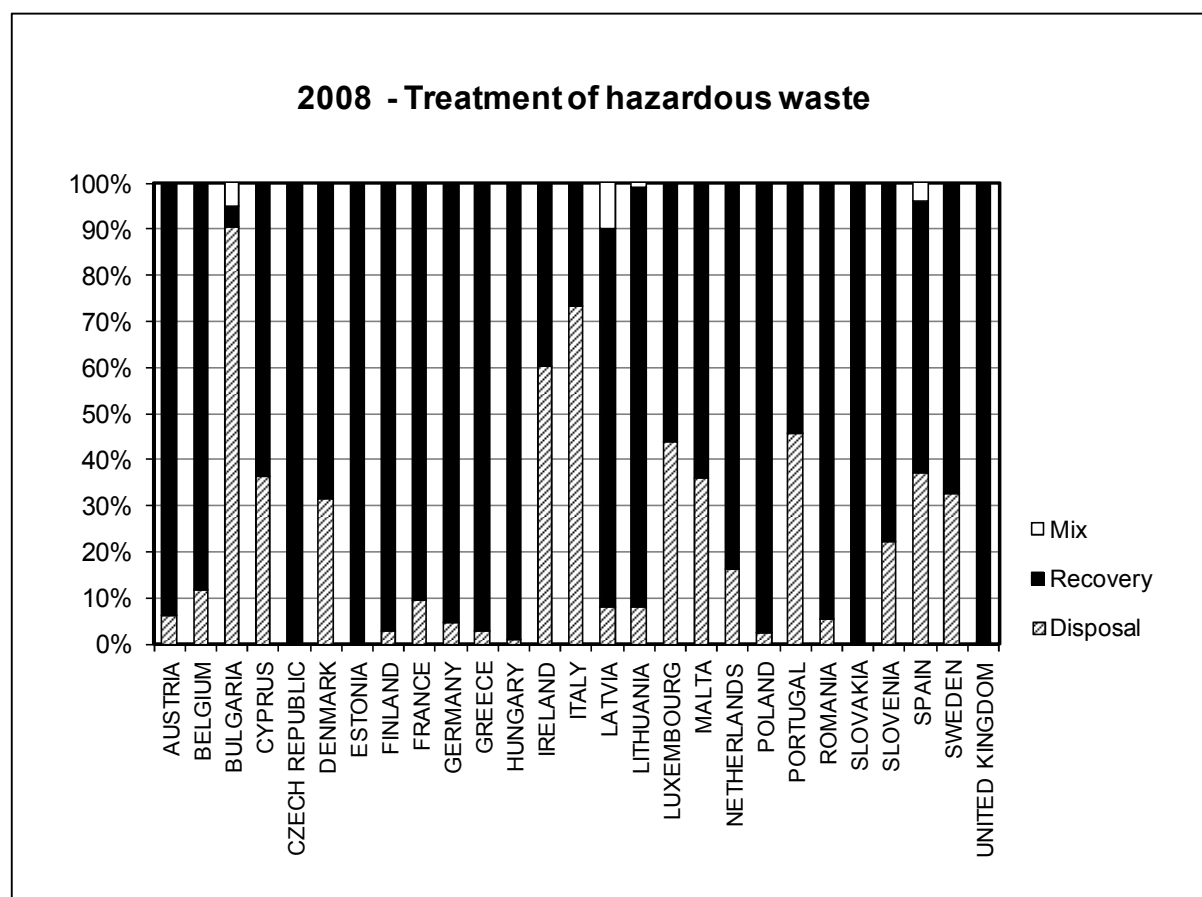


Table 20: Treatment of hazardous waste shipped out of EU Member States in 2008, in tonnes

Country	Disposal	Recovery	Mix	Total
Austria	12.205	187.039		199.244
Belgium	102.024	759.996		862.020
Bulgaria	821	42	45	908
Cyprus	145	252		397
Czech Republic		5.937		5.937
Denmark	39.757	86.067		125.824
Estonia		714		714
Finland	2.966	110.579		113.545
France	34.463	327.738		362.201
Germany	11.581	233.215		244.796
Greece	699	24.682		25.381
Hungary	600	76.033		76.633
Ireland	347.477	228.708		576.185
Italy	907.395	330.476		1.237.871
Latvia	183	1.902	231	2.316
Lithuania	521	5.892	53	6.466
Luxembourg	19.301	24.827		44.128
Malta	710	1.256		1.966
Netherlands	494.026	2.536.867		3.030.893
Poland	303	12.658		12.961
Portugal	2.898	3.465		6.363
Romania	128	2.233		2.361
Slovakia		3.428		3.428
Slovenia	22.696	79.930		102.626
Spain	19.378	30.708	2.049	52.135
Sweden	83.569	171.846	177	255.592
United Kingdom	35	171.373		171.408
EU-12	26.107	190.277	329	216.713
EU-15	2.077.774	5.227.586	2.226	7.307.586
EU-27	2.103.881	5.417.863	2.555	7.524.299

= Due to lack of reported data on "exports" for some Member States, the respective data on "imports" reported by other Member States were used instead.

Figure 20: Treatment of hazardous waste shipped out of EU Member States in 2006, in %

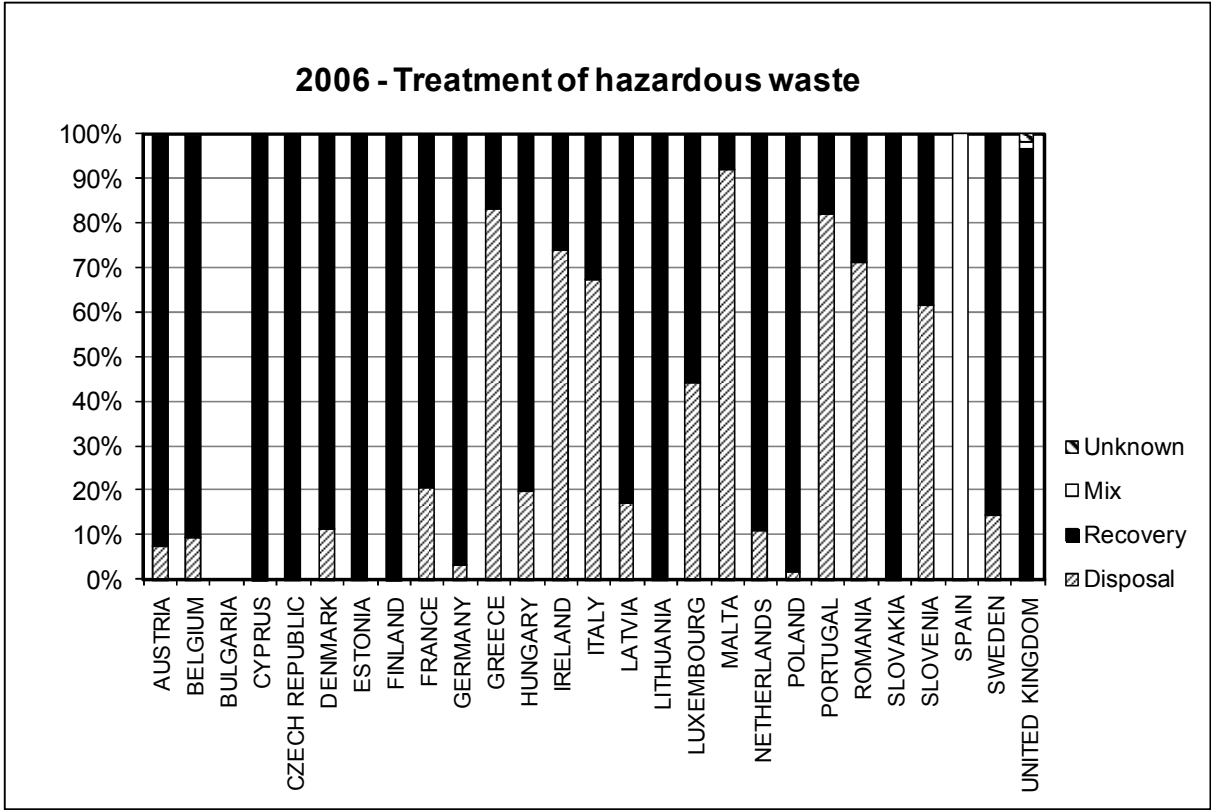


Table 21: Treatment of hazardous waste shipped out of EU Member States in 2006, in tonnes

Country	Disposal	Recovery	Mix	Unknown	Total
Austria	13.036	156.580		42	169.658
Belgium	75.502	722.355	9		797.866
Bulgaria					
Cyprus	2	3.297			3.299
Czech Republic		1.298			1.298
Denmark	7.987	60.805			68.792
Estonia		591			591
Finland	62	82.656			82.718
France	64.983	250.050			315.033
Germany	8.118	243.794			251.912
Greece	3.703	738			4.441
Hungary	17.445	70.487			87.932
Ireland	102.099	36.066			138.165
Italy	577.530	279.327			856.857
Latvia	1.115	5.272			6.387
Lithuania		2.634			2.634
Luxembourg	19.587	24.770			44.357
Malta	1.239	107			1.346
Netherlands	360.630	2.851.034			3.211.664
Poland	1.198	63.426	250		64.874
Portugal	96.785	21.241			118.026
Romania	857	345			1.202
Slovakia		3.849			3.849
Slovenia	15.015	9.378			24.393
Spain			40.585		40.585
Sweden	24.173	139.601			163.774
United Kingdom		114.445	1.884	1.945	118.274
EU-12	36.871	160.684	250	0	197.805
EU-15	1.354.195	4.983.462	42.478	1.987	6.382.122
EU-27	1.391.066	5.144.146	42.728	1.987	6.579.927

Table 22: Shipment of all notified waste from EU Member States to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

		To					
From	Year	EU-15	EU-12	EFTA	OECD (non-EFTA)	Non- OECD	Total
EU-12	2001	44	12		7	0	63
	2002	53	3		2	0	57
	2003	81	51		5	164	301
	2004	80	39		4	156	279
	2005	95	10		3	17	125
	2006	165	46		3		214
	2007	227	58		3		288
	2008	122	71		0	23	217
	2009	134	95		0	17	247
EU-15	2001	5745	66	370	10	36	6227
	2002	7263	59	256	10	25	7614
	2003	7799	50	358	41	48	8296
	2004	9615	56	313	7	103	10095
	2005	8018	109	480	3	166	8775
	2006	8572	342	673	4	148	9739
	2007	9220	453	573	3	135	10384
	2008	9605	631	547	15	95	10893
	2009	9916	631	484	8	67	11106
EU-27	2001	5790	78	370	17	36	6290
	2002	7316	62	256	11	25	7671
	2003	7881	101	358	46	212	8597
	2004	9696	95	313	12	260	10374
	2005	8113	119	480	6	182	8900
	2006	8737	389	673	6	148	9952
	2007	9447	511	573	6	135	10672
	2008	9727	702	547	16	118	11110
	2009	10051	727	484	8	84	11353

Figure 21: Shipment of all notified waste from EU-12 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

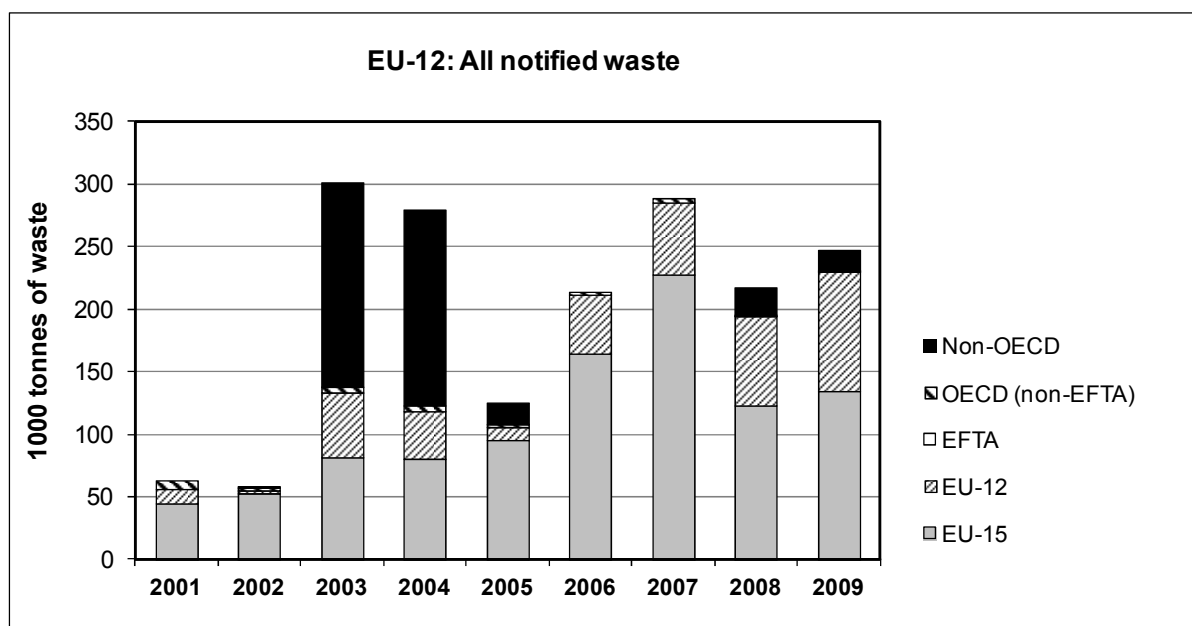


Figure 22: Shipment of all notified waste from EU-15 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

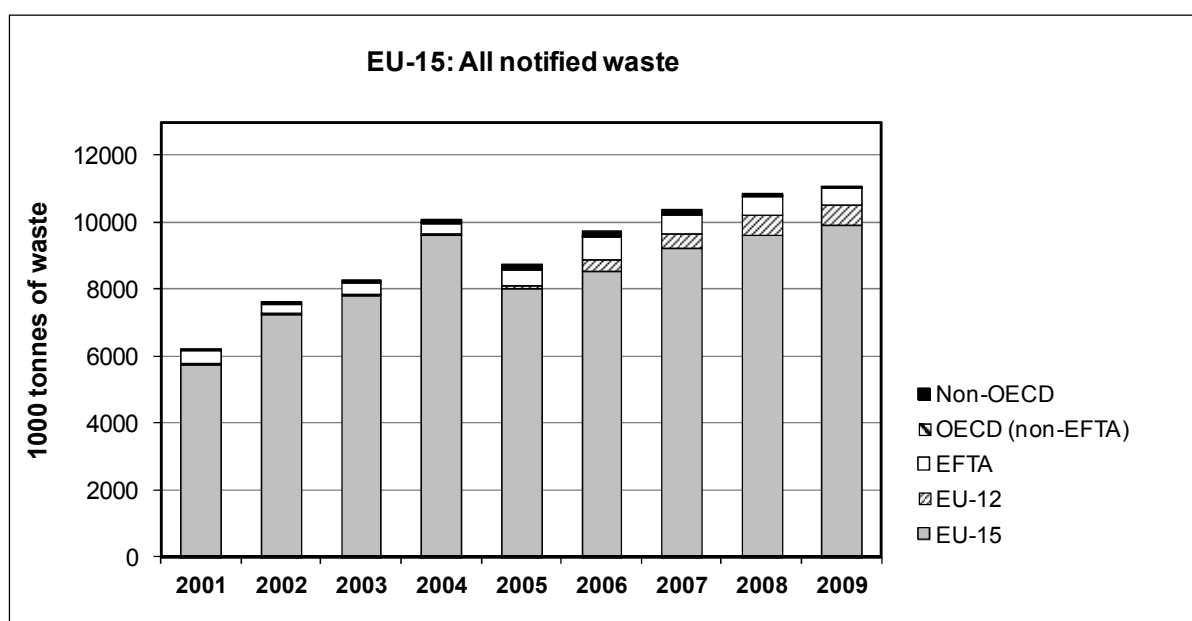


Figure 23: Shipment of all notified waste from EU-27 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

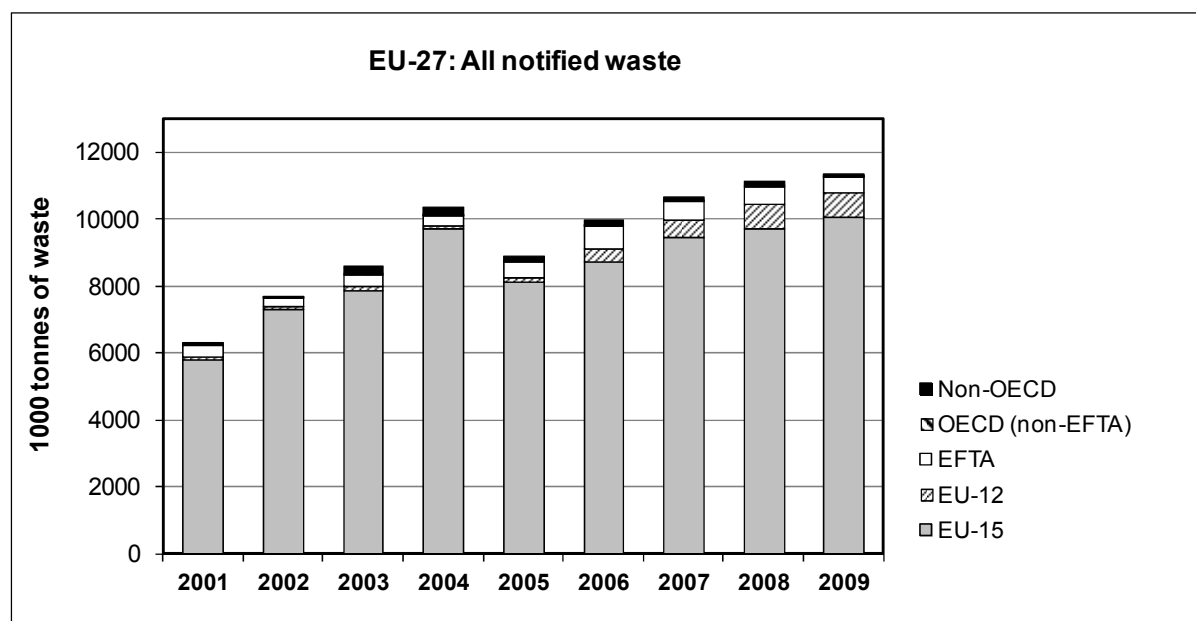


Table 23: Shipment of hazardous waste from EU Member States to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

		To					
From	Year	EU-15	EU-12	EFTA	OECD (non-EFTA)	Non- OECD	Total
EU12	2001	42	12		7	0	61
	2002	38	3		2	0	42
	2003	72	51		5	54	182
	2004	69	38		4	46	158
	2005	90	10		3	17	119
	2006	150	45		3		198
	2007	225	58		3		286
	2008	122	71		0	23	217
	2009	130	94		0	17	240
EU15	2001	2898	5	170	6	1	3080
	2002	3513	3	74	10	7	3607
	2003	4080	5	93	41	7	4225
	2004	4692	16	121	7	21	4857
	2005	6337	20	53	3	75	6488
	2006	6107	53	81	4	127	6372
	2007	7199	57	117	3	93	7469
	2008	6993	100	166	15	34	7308
	2009	6670	111	139	8	25	6954
EU-27	2001	2940	17	170	12	1	3140
	2002	3551	5	74	11	7	3649
	2003	4152	56	93	45	61	4406
	2004	4762	54	121	12	68	5016
	2005	6427	30	53	6	91	6608
	2006	6257	98	81	6	127	6570
	2007	7424	115	117	6	93	7754
	2008	7116	171	166	16	57	7524
	2009	6800	205	139	8	42	7194

Figure 24: Shipment of hazardous waste from EU-12 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

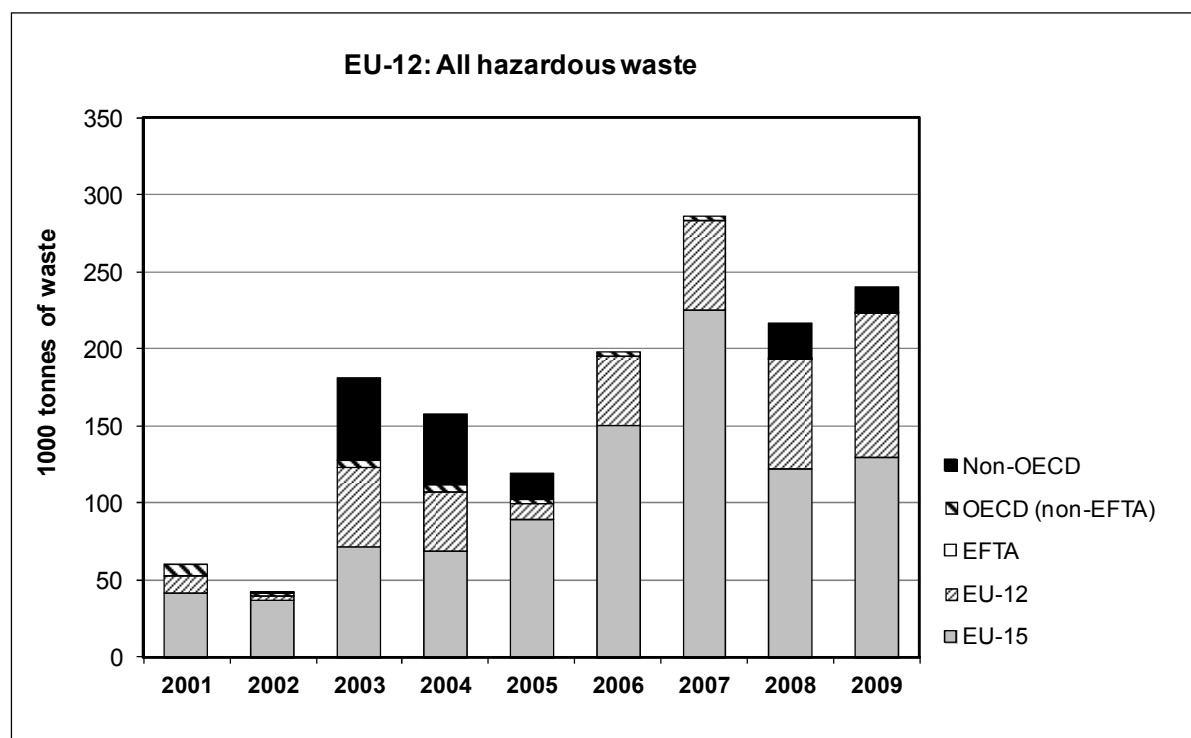


Figure 25: Shipment of hazardous waste from EU-15 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

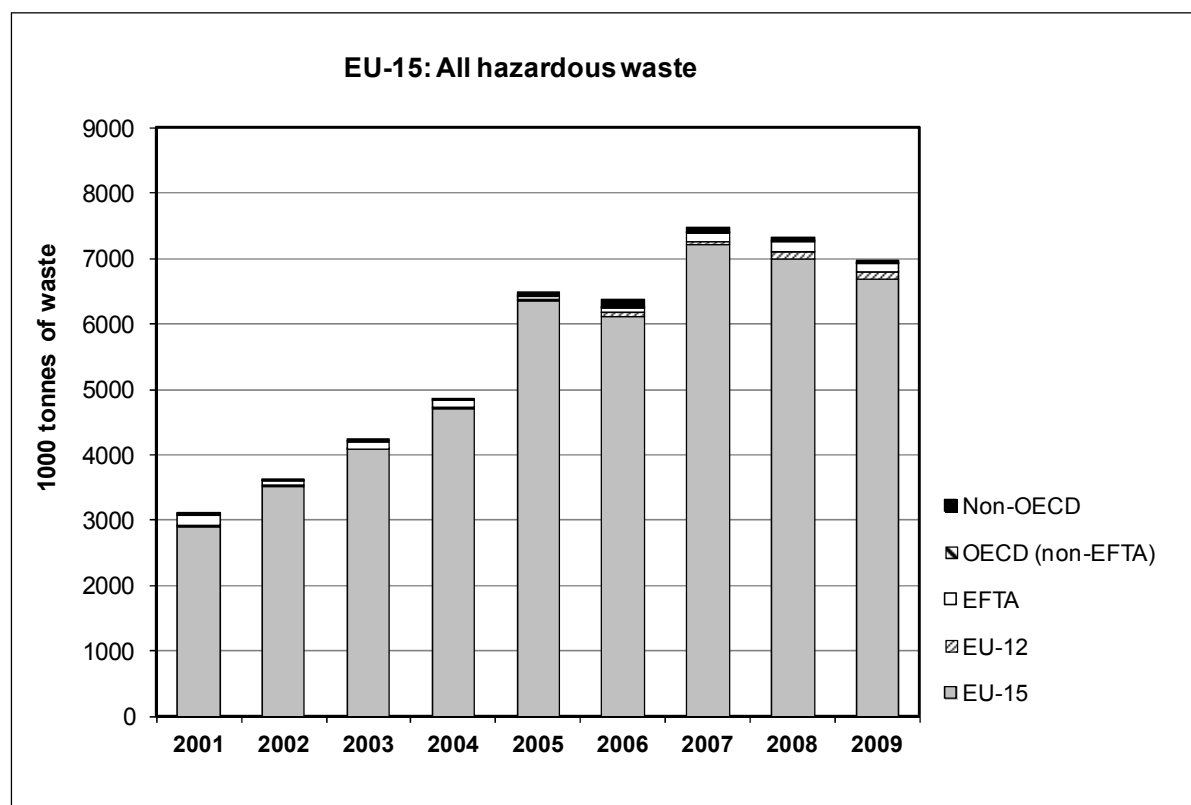


Figure 26: Shipment of hazardous waste from EU-27 to EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

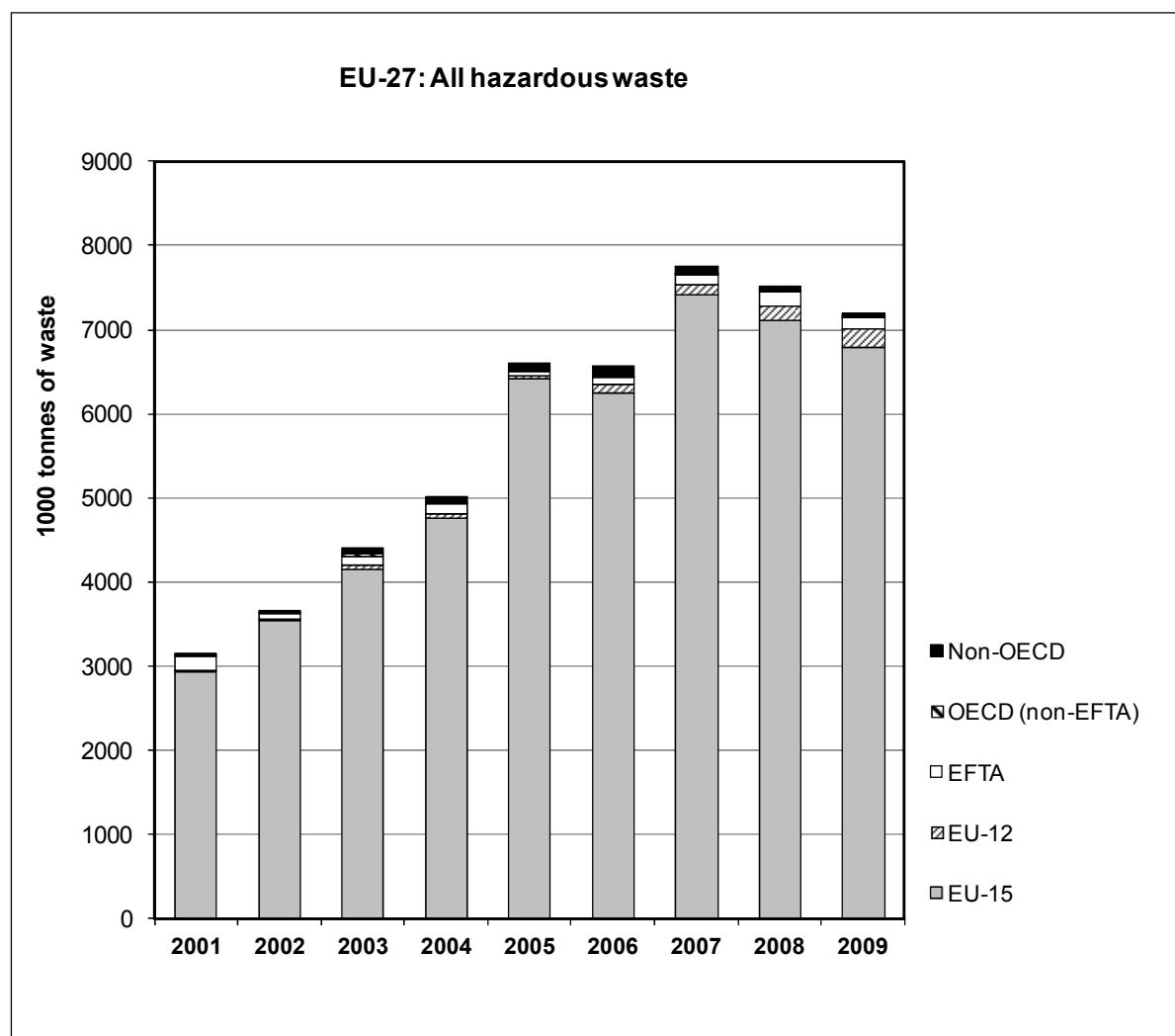


Table 24: Recovery operations of all notified waste shipped out of EU Member States, in 1000 tonnes

R/D code	2001	2003	2005	2006	2007	2008	2009
R1	792	1314	1527	1721	1974	2025	2091
R5	576	1074	1284	1803	1978	1757	1411
R4	1378	1424	1297	1417	1527	1338	1189
R3	1335	1416	1151	1510	1548	1243	1066
R10	6	149	93	100	58	405	1680
R13	387	771	471	211	254	104	124
Mix	234	463	353	256	327	234	354
R12	33	123	215	224	276	757	567
R9	124	91	163	255	264	244	174
R2	51	55	62	91	100	93	64
R6	112	79	54	59	43	28	22
R11	50	38	184	33	35	20	7
R7	11	22	17	21	20	31	31
R8	10	8	7	16	14	14	9
Not specified	13	1	0	0	0	1	0
Total	5112	7027	6879	7716	8417	8292	8790

Table 25: Disposal operations of all notified waste shipped out of EU Member States, in 1000 tonnes

R/D code	2001	2003	2005	2006	2007	2008	2009
D10	538	684	896	938	972	1270	1508
D1	172	155	413	588	657	900	745
D9	214	245	404	414	283	228	150
D8	36	57	65	76	130	162	10
D5	5	120	20	24	76	146	74
D12	69	60	52	70	69	42	49
D13	26	55	44	35	22	38	5
Mix	17	72	68	44	2	10	5
D15	8	4	49	2	1	3	0
D14	0	0	1	9	20	12	0
Not specified	1	9	0	0	0	0	0
D4	2	4	2	1	0	0	1
D3	0	1	0	1	0	4	0
D6	0	0	2	0	0	1	0
D2	0	1	0	0	0	0	0
D11	0	0	0	0	0	0	0
Total	1089	1467	2016	2202	2232	2816	2549

Figure 27: Top treatment of all notified waste shipped out of EU Member States (2001-2009), in 1000 tonnes

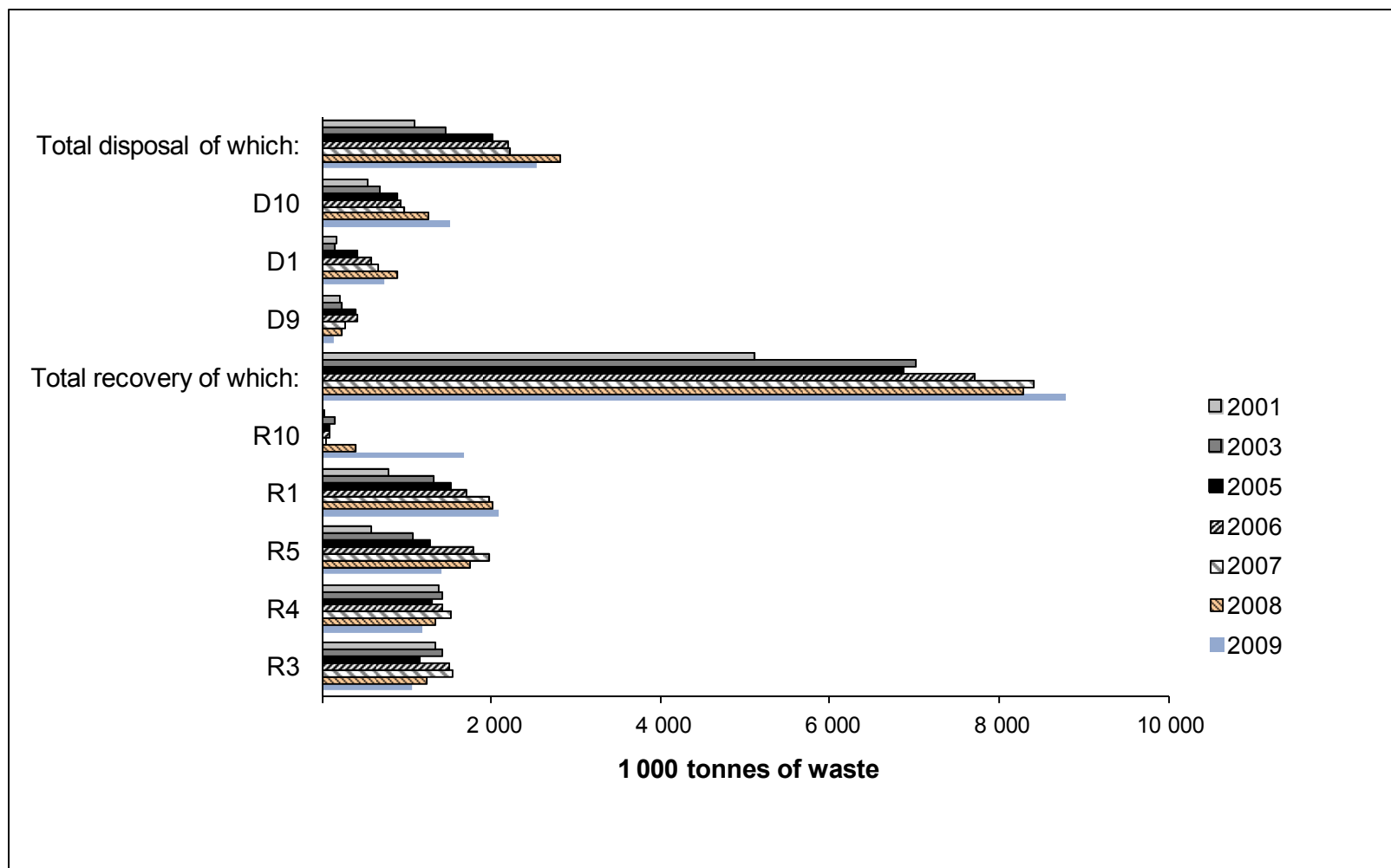


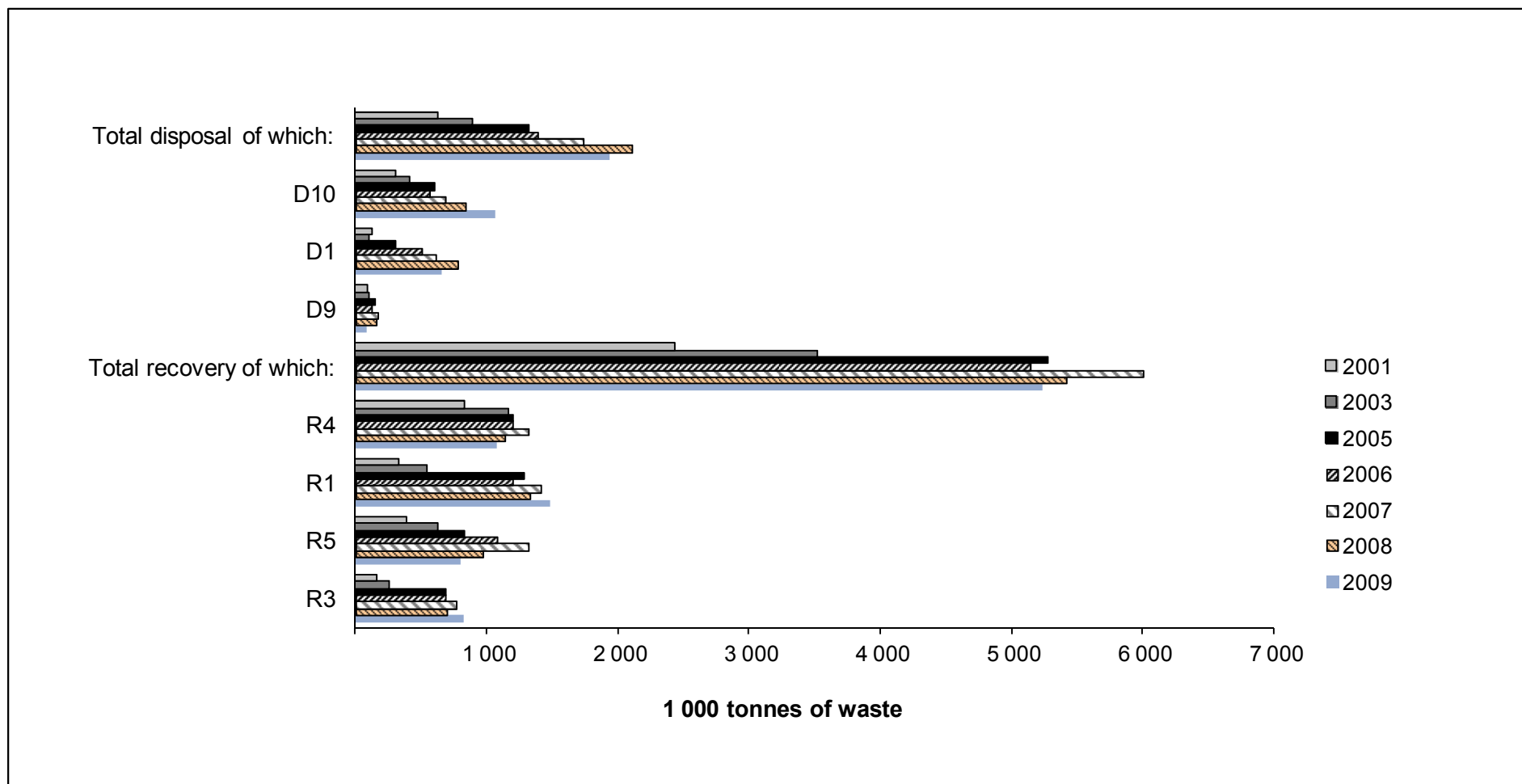
Table 26: Recovery operations of hazardous waste shipped out of EU Member States, in 1000 tonnes

R/D code	2001	2003	2005	2006	2007	2008	2009
R4	831	1172	1201	1198	1320	1147	1083
R1	334	552	1291	1201	1415	1338	1486
R5	389	624	832	1085	1326	976	805
R3	165	256	691	692	773	703	827
R12	21	94	195	158	241	583	327
Mix	176	379	151	82	269	163	245
R9	124	91	161	254	264	244	174
R13	142	116	406	176	168	78	118
R2	50	54	62	91	100	93	64
R6	112	79	54	58	43	28	22
R10	5	67	82	93	23	11	56
R11	50	10	132	25	34	19	7
R7	11	14	15	16	17	20	16
R8	5	8	4	15	11	14	9
Not specified	13	0	0	0	0	1	0
Total	2429	3516	5278	5144	6004	5418	5239

Table 27: Disposal operations of hazardous waste shipped out of EU Member States, in 1000 tonnes

R/D code	2001	2003	2005	2006	2007	2008	2009
D10	308	414	611	563	683	840	1071
D1	122	102	310	509	614	780	661
D9	97	102	152	130	179	157	89
D8	36	57	65	75	130	127	10
D5	5	64	20	17	76	118	55
Mix	17	72	62	44	2	10	5
D13	26	48	44	23	22	37	5
D12	10	22	8	17	14	25	44
D15	8	4	48	2	1	3	0
D14	0	0	1	9	12	5	0
D4	0	4	2	1	0	0	1
Not specified	1	3	0	0	0	0	0
D6	0	0	2	0	0	1	0
D3	0	1	0	1	0	0	0
D2	0	1	0	0	0	0	0
D11	0	0	0	0	0	0	0
Total	629	893	1326	1391	1733	2104	1942

Figure 28: Top treatment of hazardous waste shipped out of EU Member States (2001-2009), in 1000 tonnes



III. Shipment of hazardous waste and other notified waste into EU Member States

Table 28: Shipment of hazardous waste into EU Member States, in 1000 tonnes

Country	2001	2003	2005	2006	2007	2008	2009
Austria	32	43	55	87	108	80	69
Belgium	591	868	778	1144	1207	762	679
Bulgaria					21	20	29
Cyprus						12	
Czech Republic	2	3	2	4	8	10	11
Denmark	116	107	98	109	114	137	92
Estonia	1	1	9	10	15	16	14
Finland	7	15	12	12	11	18	26
France	371	1182	923	412	520	453	376
Germany	799	1244	1913	2162	2403	2950	2746
Greece	9	26	3	1	1	0	
Hungary			0	163	1	1	3
Ireland			0	3	3	3	3
Italy	31	195	28	38	1117	53	713
Latvia	0	0	0	0	0	1	1
Lithuania			0	2	7	6	8
Luxembourg	1	1	2	4	7	6	5
Malta							
Netherlands	153	131	510	830	1064	961	1013
Poland		123	6	16	5	19	37
Portugal	74	1	0				1
Romania							
Slovakia	1	4	1	3	3	1	1
Slovenia	21	23	23	23	27	22	28
Spain	206	127	172	168	222	389	219
Sweden	375	147	137	325	355	346	518
United Kingdom	182	204	129	104	125	130	153
EU-12	24	154	43	222	87	108	131
EU-15	2946	4291	4760	5400	7256	6289	6613
EU-27	2971	4445	4802	5622	7343	6396	6744

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Figure 29: Shipment of hazardous waste into EU Member States, in 1000 tonnes

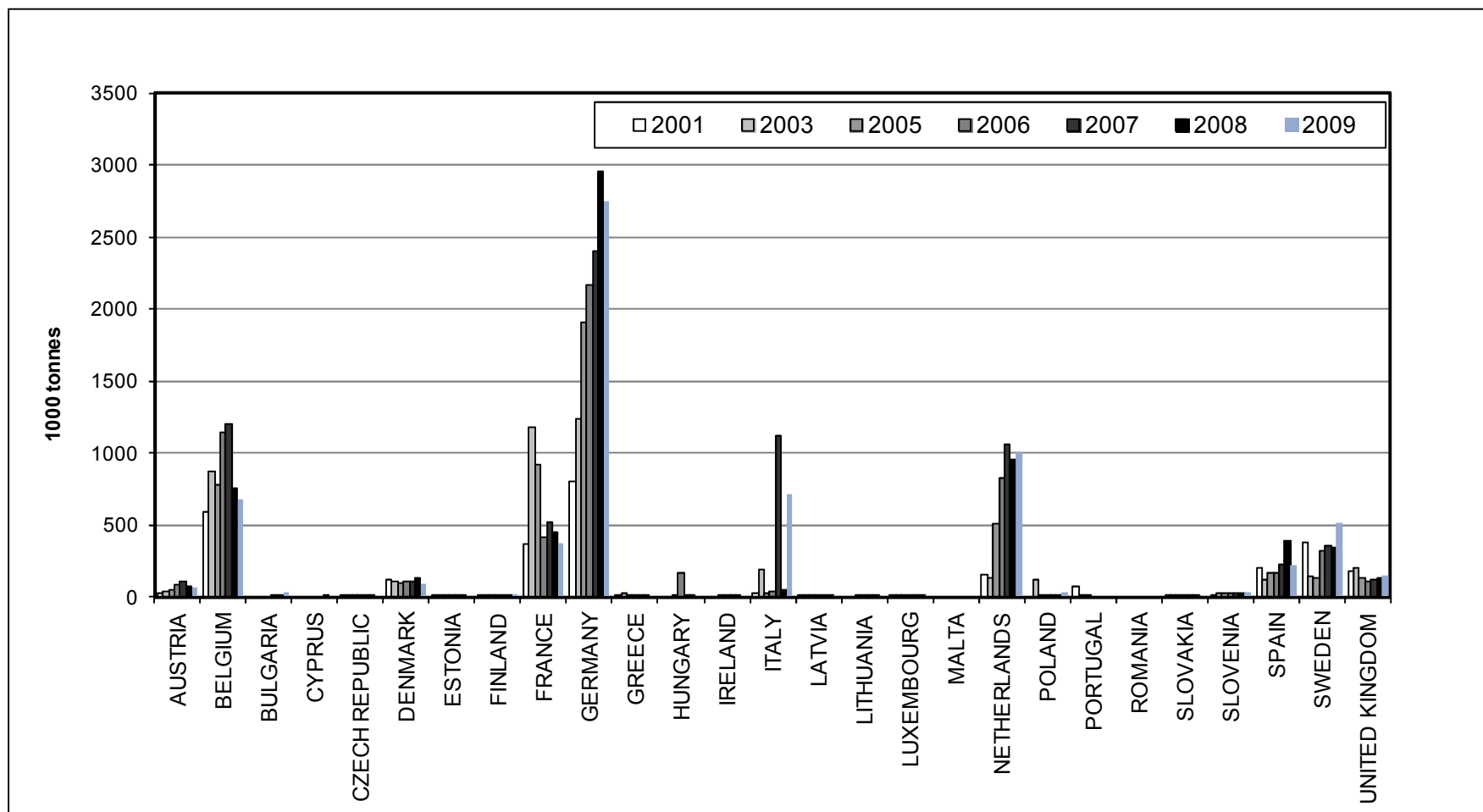


Table 29: Shipment of hazardous waste into EU Member States, in kg per capita

Country	2001	2003	2005	2006	2007	2008	2009
Austria	4	5	7	10	13	10	8
Belgium	58	84	74	109	114	71	63
Bulgaria	0	0	0	0	3	3	4
Cyprus	0	0	0	0	0	15	
Czech Republic	0	0	0	0	1	1	1
Denmark	22	20	18	20	21	25	17
Estonia	1	0	7	7	11	12	10
Finland	1	3	2	2	2	3	5
France	6	19	15	7	8	7	6
Germany	10	15	23	26	29	36	33
Greece	1	2	0	0	0	0	
Hungary	0	0	0	16	0	0	0
Ireland	0	0	0	1	1	1	1
Italy	1	3	0	1	19	1	12
Latvia	0	0	0	0	0	0	0
Lithuania	0	0	0	1	2	2	2
Luxembourg	1	3	4	8	14	13	10
Malta							
Netherlands	10	8	31	51	65	59	61
Poland	0	3	0	0	0	0	1
Portugal	7	0	0	0	0	0	0
Romania							
Slovakia	0	1	0	1	0	0	0
Slovenia	10	12	12	11	14	11	14
Spain	5	3	4	4	5	9	5
Sweden	42	16	15	36	39	38	56
United Kingdom	3	3	2	2	2	2	2
EU-12	0	1	0	2	1	1	2
EU-15	8	11	12	14	19	16	17
EU-27	6	9	10	11	15	13	14

1.1.

Figure 30: Shipment of hazardous waste into EU Member States, in kg per capita

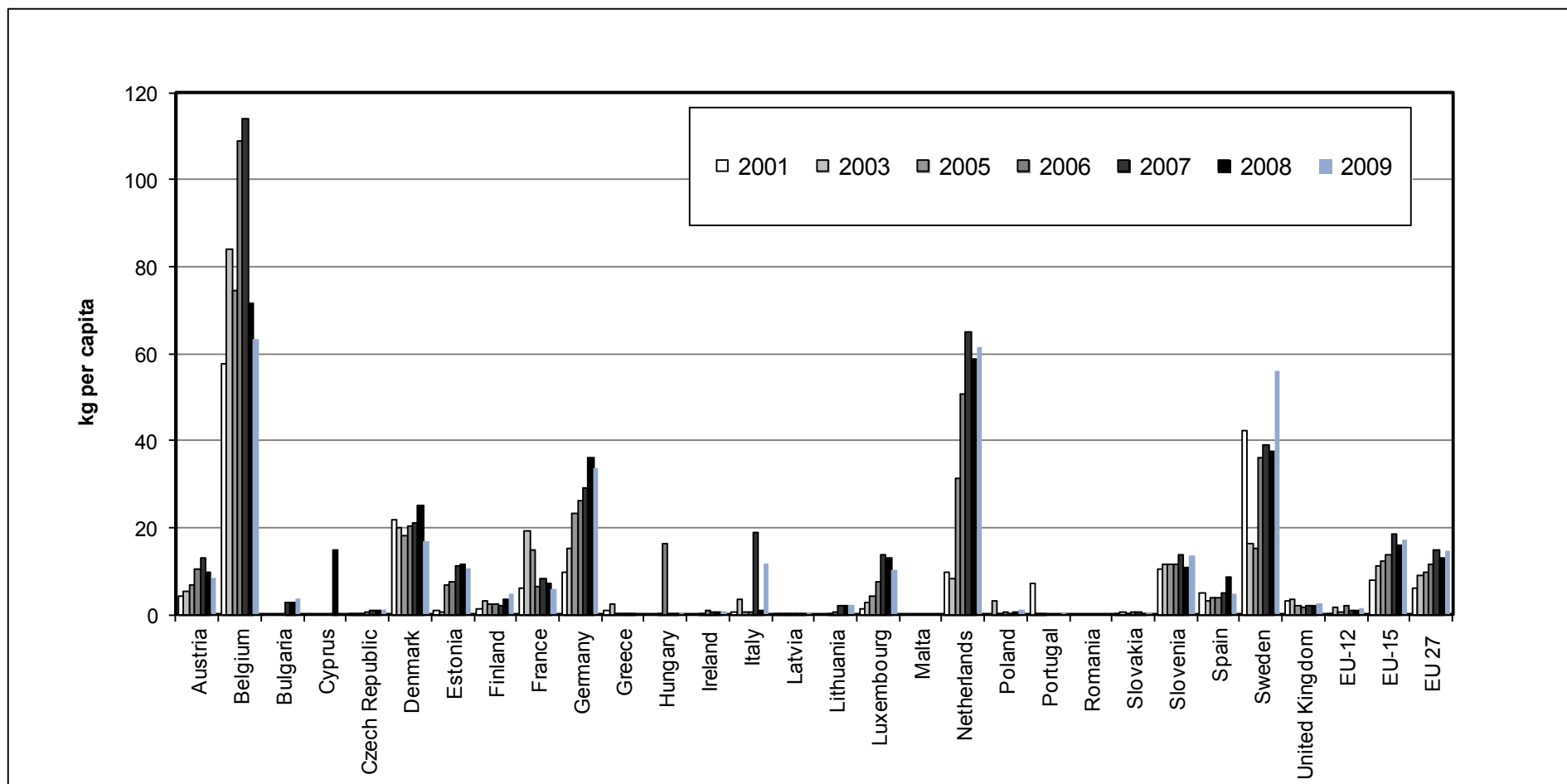


Table 30: Shipment of hazardous waste and other notified waste into EU Member States, in 1000 tonnes

Country	2001	2003	2005	2006	2007	2008	2009
Austria	32	48	55	166	248	176	219
Belgium	646	872	806	1188	1222	772	680
Bulgaria					21	20	29
Cyprus						12	
Czech Republic	46	3	2	4	8	10	11
Denmark	118	114	111	131	140	144	95
Estonia	1	1	9	10	15	16	14
Finland	8	21	18	16	15	20	27
France	1317	1183	929	1622	769	754	605
Germany	2630	4853	5965	5628	6241	6854	7626
Greece	9	26	3	1	1	0	
Hungary			17	163	1	1	3
Ireland			0	3	4	2	5
Italy	1149	1379	1335	1652	1818	702	728
Latvia	0	0	0	0	0	1	1
Lithuania			0	2	7	6	8
Luxembourg	1	1	2	4	7	6	5
Malta							
Netherlands	512	434	510	835	1073	1060	1017
Poland		123	8	16	8	19	37
Portugal	74	1	0				1
Romania							
Slovakia	1	4	1	3	3	1	1
Slovenia	21	23	23	23	27	22	28
Spain	206	166	226	179	234	406	231
Sweden	396	500	278	591	618	703	827
United Kingdom	182	235	131	146	157	192	234
EU-12	69	154	62	222	90	108	131
EU-15	7280	9832	10367	12162	12547	11791	12300
EU-27	7348	9987	10429	12383	12637	11899	12431

Figure 31: Shipment of hazardous waste and other notified waste into EU Member States, in 1000 tonnes

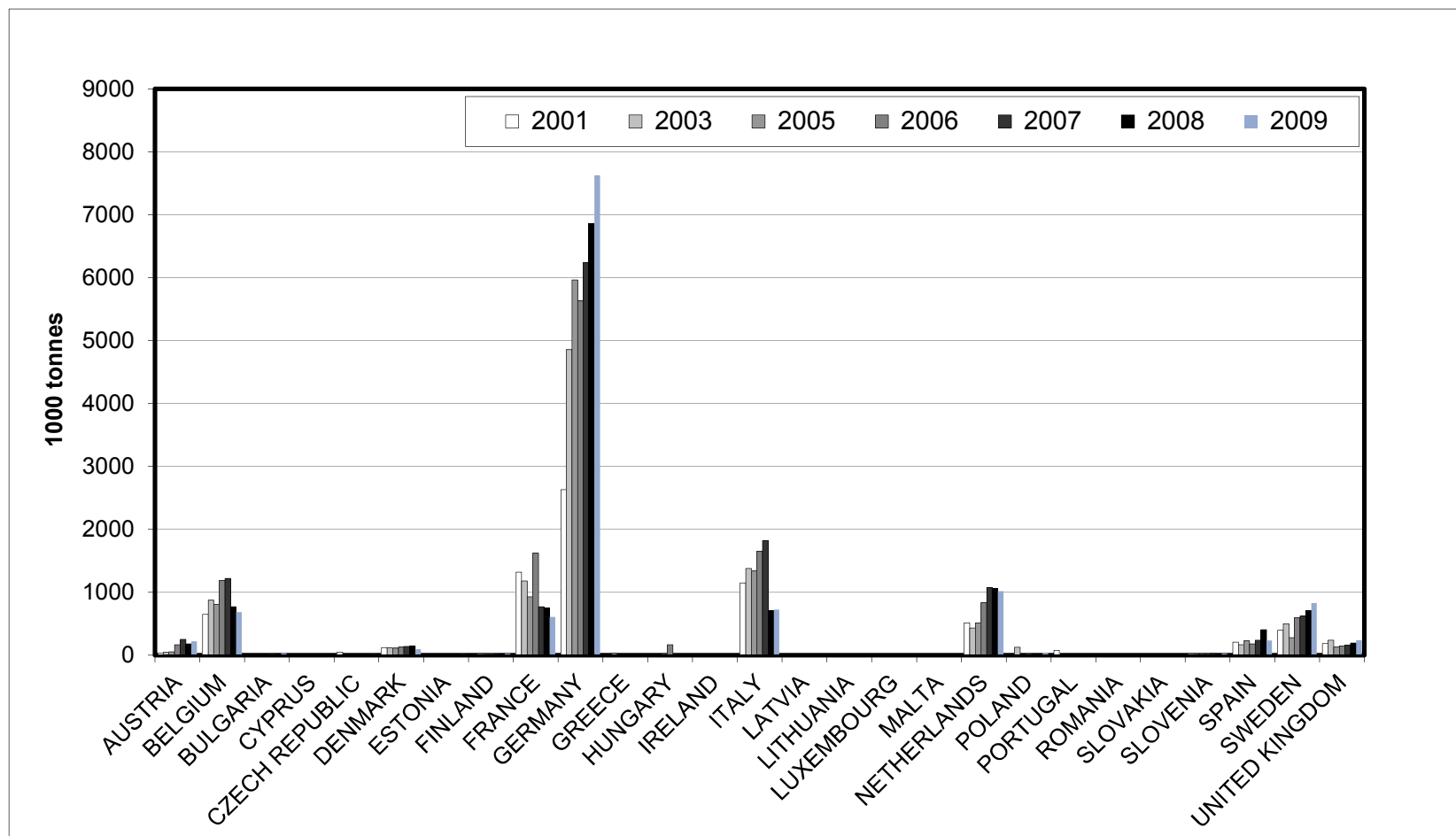


Table 31: Shipment of hazardous waste and other notified waste into EU Member States, in kg per capita

Country	2001	2003	2005	2006	2007	2008	2009
Austria	4	6	7	20	30	21	26
Belgium	63	84	77	113	115	72	63
Bulgaria					3	3	4
Cyprus						15	0
Czech Republic	5	0	0	0	1	1	1
Denmark	22	21	20	24	26	26	17
Estonia	1	0	7	7	11	12	10
Finland	2	4	3	3	3	4	5
France	22	19	15	26	12	12	9
Germany	32	59	72	68	76	83	93
Greece	1	2	0	0	0	0	0
Hungary			2	16	0	0	0
Ireland			0	1	1	0	1
Italy	20	24	23	28	31	12	12
Latvia	0	0	0	0	0	0	0
Lithuania			0	1	2	2	2
Luxembourg	1	3	4	8	14	13	10
Malta							
Netherlands	32	27	31	51	66	65	62
Poland		3	0	0	0	0	1
Portugal	7	0	0				0
Romania							
Slovakia	0	1	0	1	0	0	0
Slovenia	10	12	12	11	14	11	14
Spain	5	4	5	4	5	9	5
Sweden	45	56	31	65	68	77	89
United Kingdom	3	4	2	2	3	3	4
EU-12	1	1	1	2	1	1	1
EU-15	19	26	27	31	32	30	31
EU-27	15	21	21	25	26	24	25

Figure 32: Shipment of hazardous waste and other notified waste into EU Member States, in kg per capita

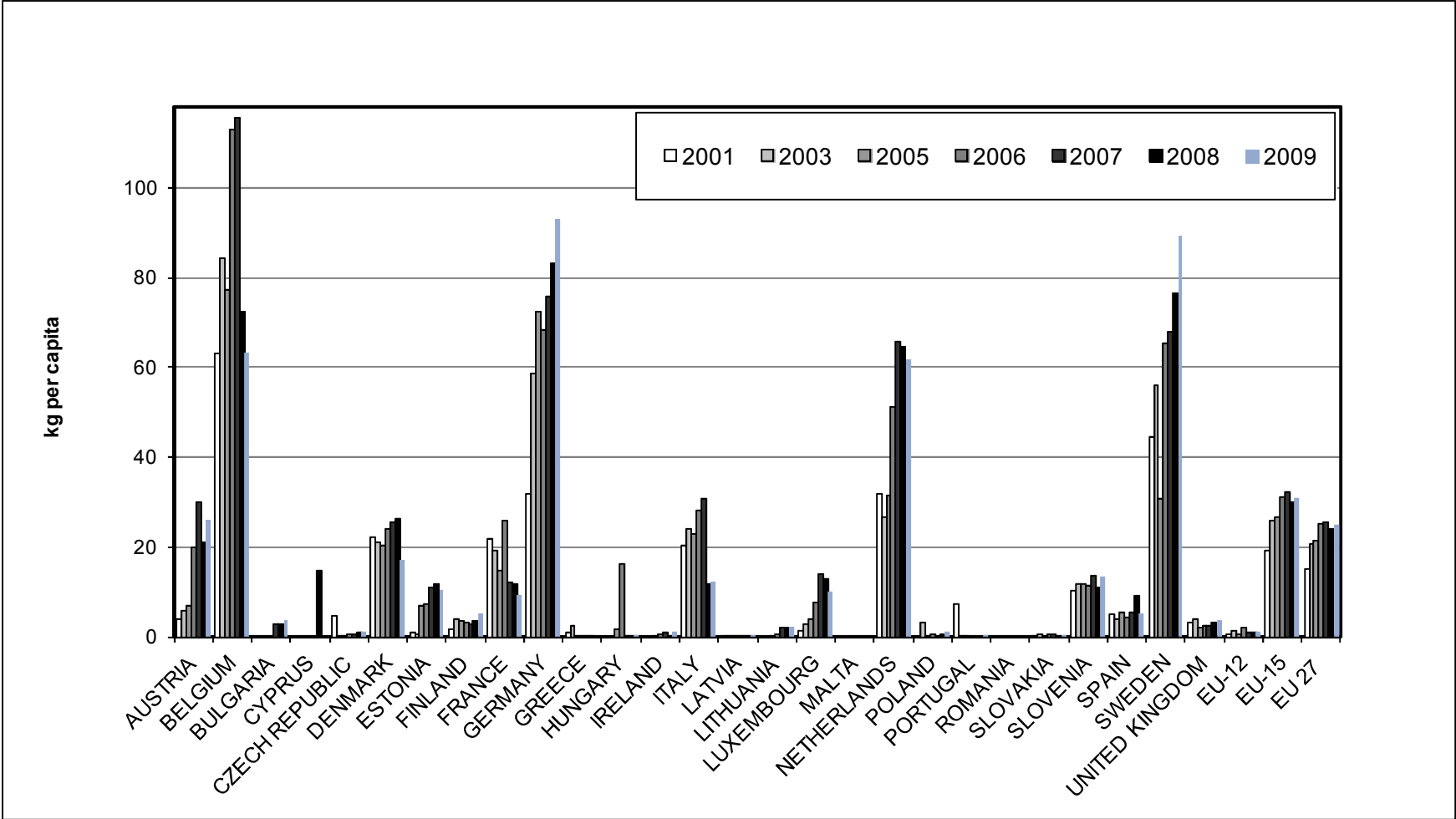


Figure 33: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2009, in %

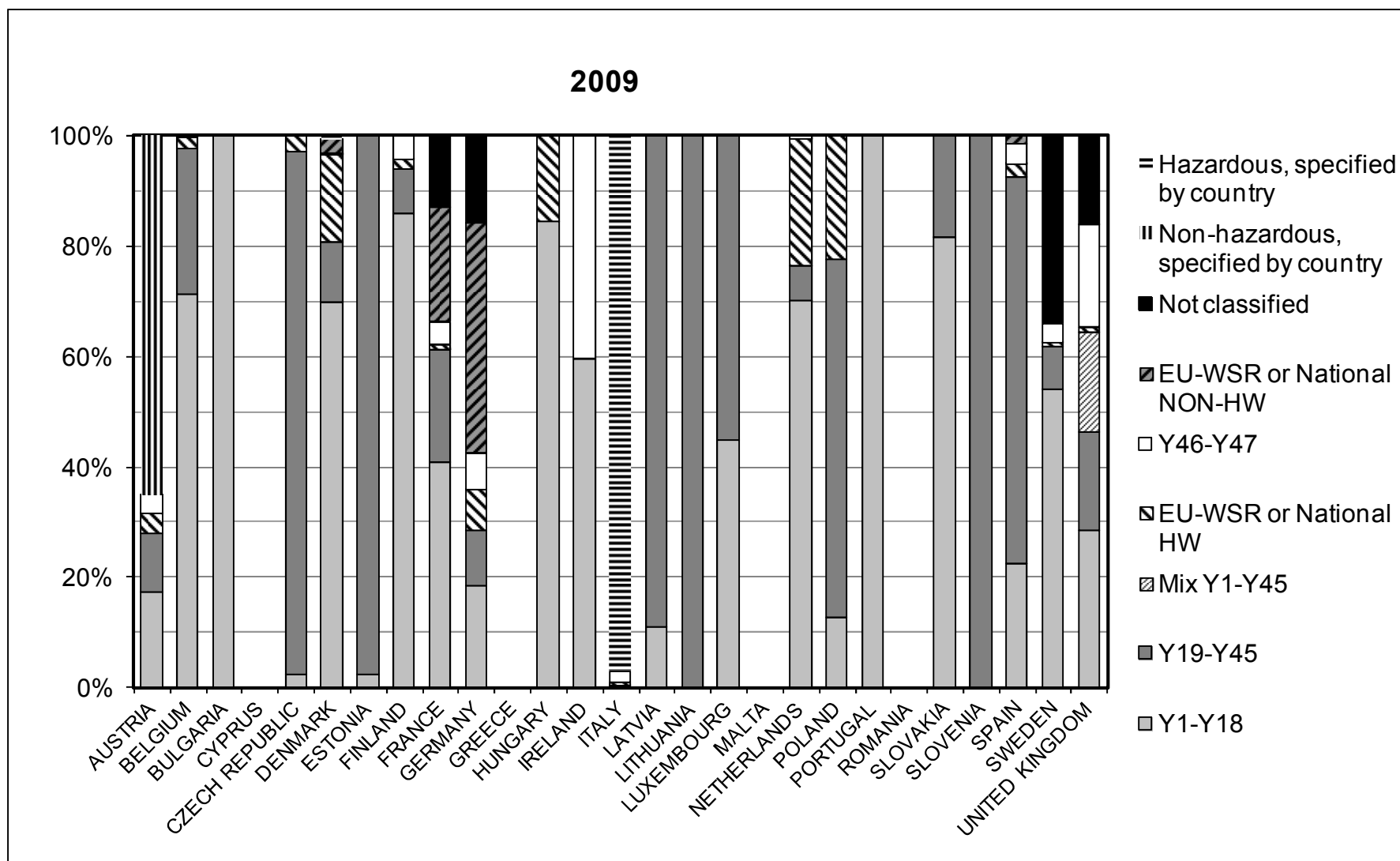


Figure 34: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2008, in %

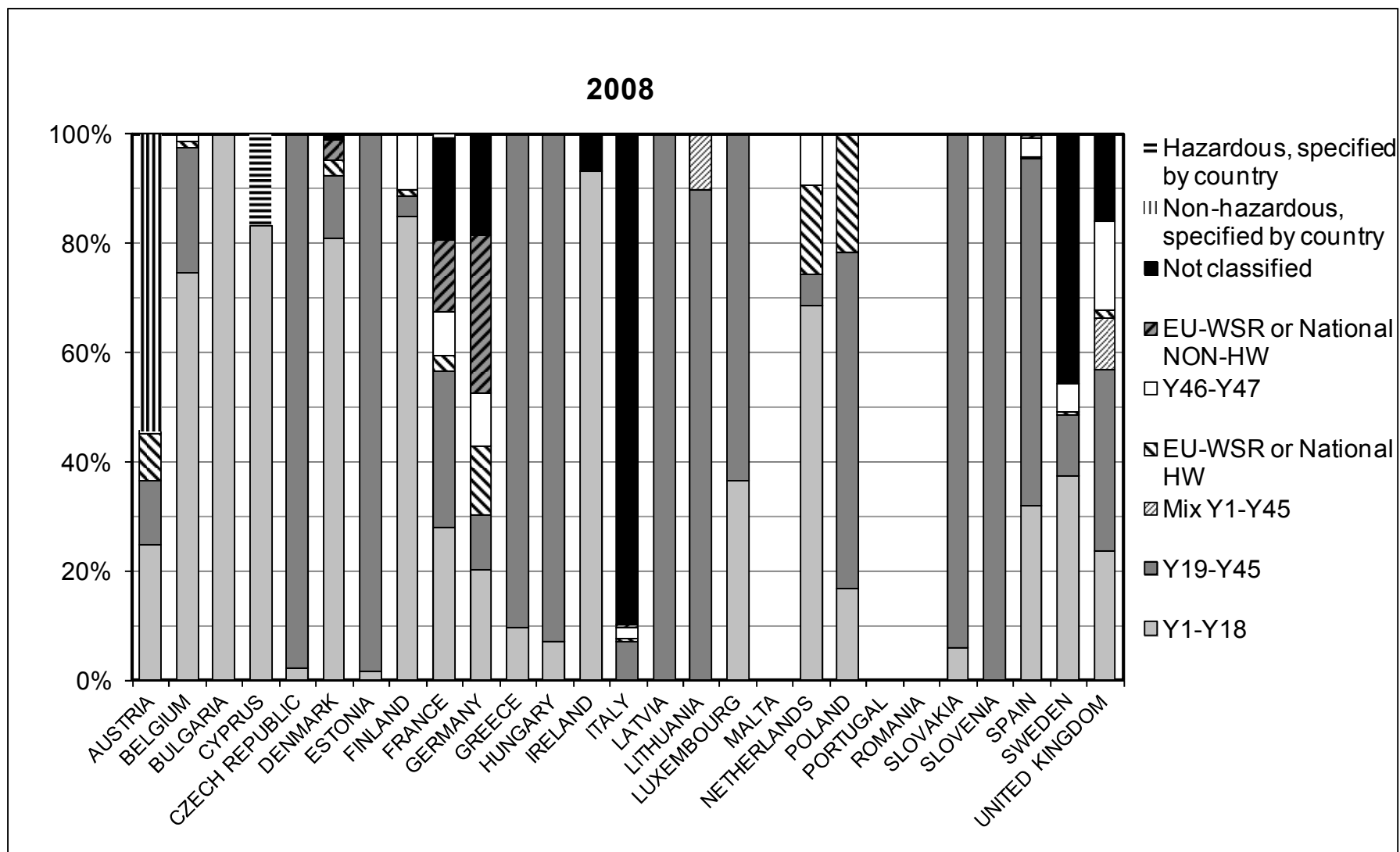


Figure 35: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2007, in %

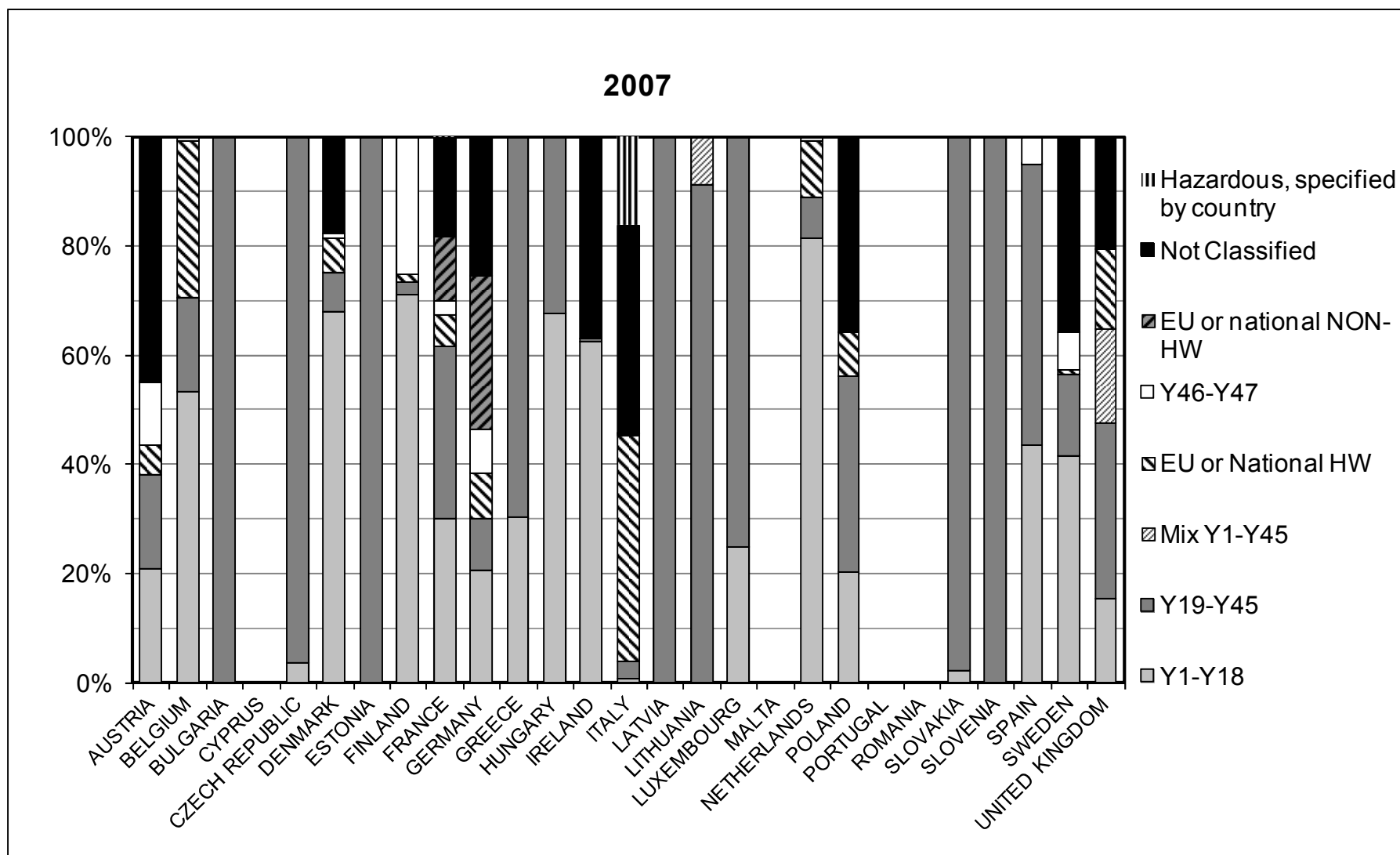


Figure 36: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2006, in %

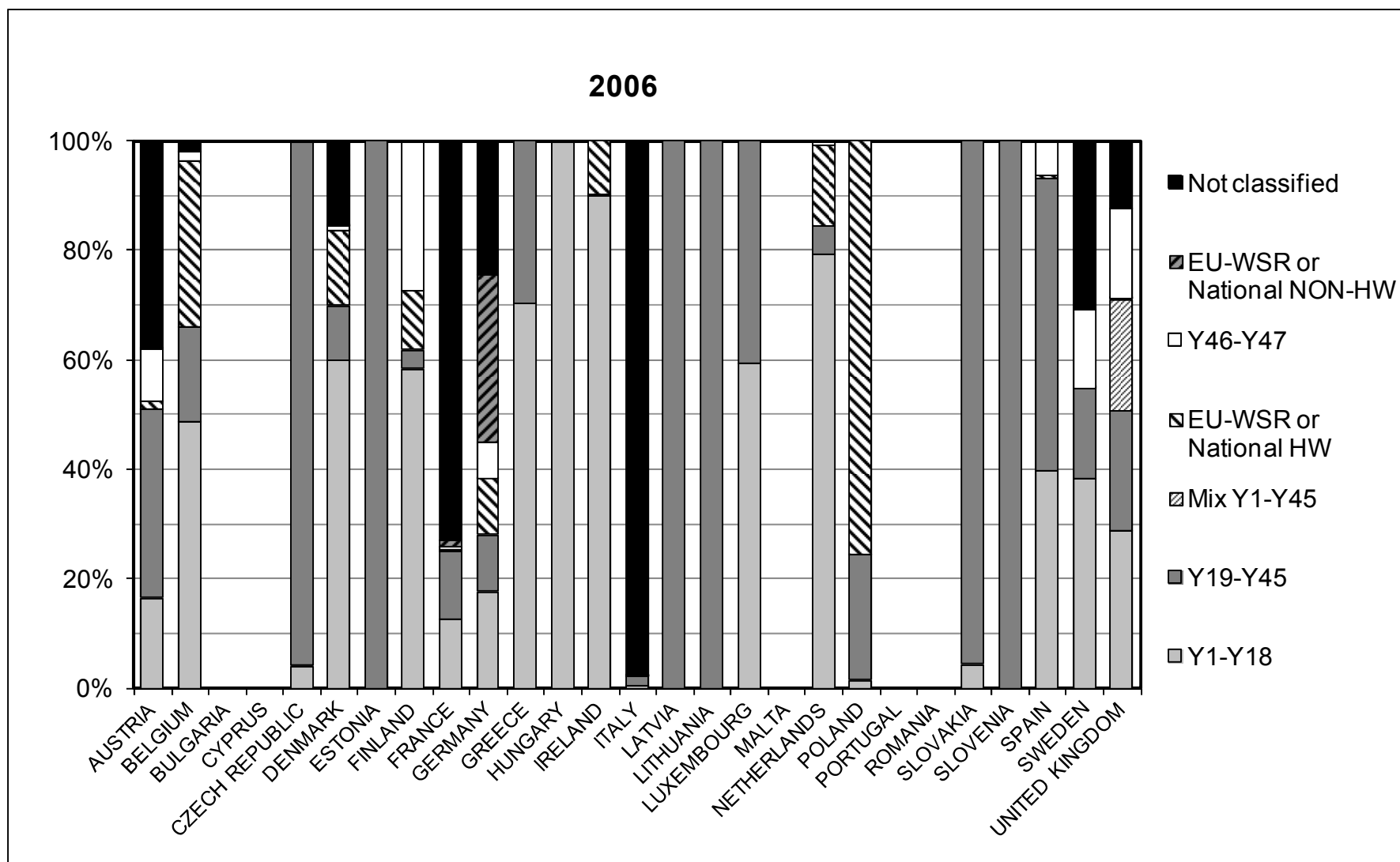


Figure 37: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2005, in %

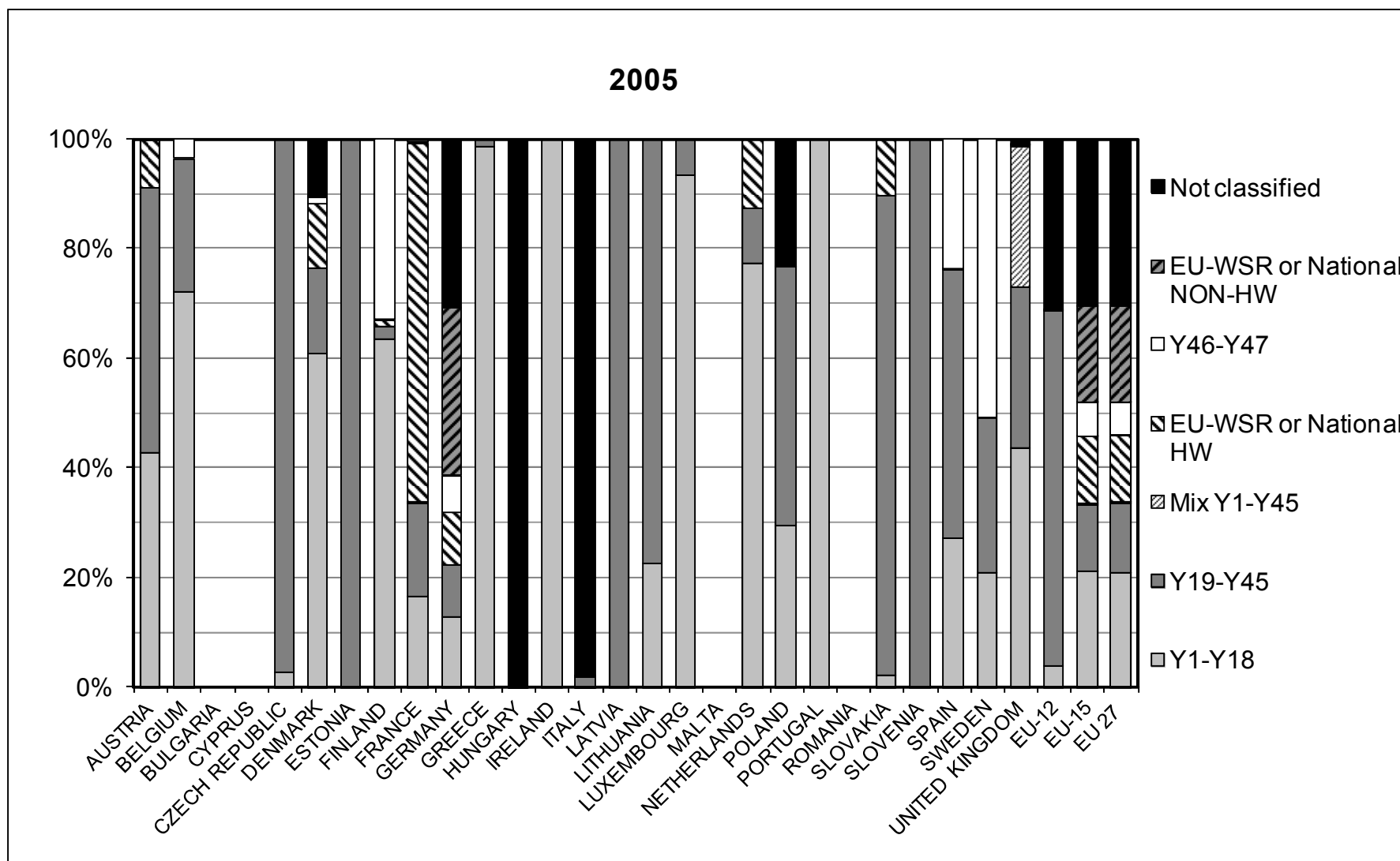


Table 32: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2009, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y45	Y1-	EU-WSR or National HW	Y46-Y47	EU-WSR or National NON-HW	Not classified	Non-hazardous, specified by country	Hazardous, specified by country	Total
Austria	38.027	23.334	0		7.929	7.403	0	0	142.488	0	219.181
Belgium	483.650	179.670	0		15.734	647	0	0	0	0	679.701
Bulgaria	28.500	0	0		0	0	0	0	0	0	28.500
Cyprus	0	0	0		0	0	0	0	0	0	0
Czech Republic	289	10.320	0		313	0	0	0	0	0	10.922
Denmark	66.008	10.303	0		15.078	91	2.324	0	0	786	94.590
Estonia	375	13.689	0		0	0	0	0	0	0	14.064
Finland	23.186	2.158	0		520	1.127	0	0	0	0	26.991
France	248.165	122.128	86		5.585	25.188	125.110	78.758	0	99	605.119
Germany	1.416.250	756.267	0		573.311	499.785	3.176.839	1.203.884	0	0	7.626.336
Greece	0	0	0		0	0	0	0	0	0	0
Hungary	2.680	0	0		500	0	0	0	0	0	3.180
Ireland	2.891	0	0		0	1.958	0	0	0	0	4.849
Italy	1.101	2.290	292		3.751	15.254	0	0	0	705.362	728.050
Latvia	98	790	0		0	0	0	0	0	0	888
Lithuania	0	7.821	0		0	0	0	0	0	0	7.821
Luxembourg	2.261	2.782	0		0	0	0	0	0	0	5.043
Malta	0	0	0		0	0	0	0	0	0	0
Netherlands	712.572	63.957	0		235.974	4.074	0	0	0	0	1.016.577
Poland	4.720	24.071	0		8.293	0	0	0	0	0	37.084
Portugal	1.182	0	0		0	0	0	0	0	0	1.182
Romania	0	0	0		0	0	0	0	0	0	0
Slovakia	805	183	0		0	0	0	0	0	0	988
Slovenia	0	27.536	0		0	0	0	0	0	0	27.536
Spain	52.418	161.484	0		5.482	8.321	3.479	0	0	0	231.184
Sweden	447.219	63.813	0		7.405	28.241	0	280.501	0	0	827.179
United Kingdom	66.947	41.516	41.697		2.483	43.452	0	37.648	0	0	233.743
EU-12	37.467	84.410	0		9.106	0	0	0	0	0	130.983
EU-15	3.561.877	1.429.702	42.075		873.252	635.541	3.307.752	1.600.791	142.488	706.247	12.299.725
EU-27	3.599.344	1.514.112	42.075		882.358	635.541	3.307.752	1.600.791	142.488	706.247	12.430.708

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Table 33: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2008, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y45	Y1- Y45	EU-WSR or National HW	Y46-Y47	EU-WSR or National NON-HW	Not classified	Non-hazardous, specified by country	Hazardous, specified by country	Total
Austria	44.017	20.576	0		14.958	943	0	0	95.549	0	176.043
Belgium	576.558	177.180	0		7.994	9.994	0	0	0	0	771.726
Bulgaria	20.402	0	0		0	0	0	0	0	0	20.402
Cyprus	9.762	0	0		0	0	0	0	0	1.962	11.724
Czech Republic	242	9.833	0		0	0	0	0	0	0	10.075
Denmark	117.027	16.609	0		3.860	27	5.665	1.256	0	0	144.444
Estonia	244	15.356	0		0	0	0	0	0	0	15.600
Finland	16.586	744	0		215	1.983	0	0	0	0	19.528
France	210.904	217.179	0		21.918	59.936	99.778	142.663	0	3.333	755.711
Germany	1.390.616	694.317	0		865.429	665.807	1.972.552	1.265.298	0	0	6.854.019
Greece	20	186	0		0	0	0	0	0	0	206
Hungary	70	910	0		0	0	0	0	0	0	980
Ireland	2.925	0	0		0	0	0	207	0	0	3.132
Italy	2.514	48.311	0		2.578	15.695	3.112	629.859	0	0	702.069
Latvia	0	621	0		0	0	0	0	0	0	621
Lithuania	0	5.640	632		0	0	0	0	0	0	6.272
Luxembourg	2.294	3.973	0		0	0	0	0	0	0	6.267
Malta	0	0	0		0	0	0	0	0	0	0
Netherlands	728.855	60.957	0		170.946	99.657	0	0	0	0	1.060.415
Poland	3.120	11.478	0		4.040	0	0	0	0	0	18.638
Portugal	0	0	0		0	0	0	0	0	0	0
Romania	0	0	0		0	0	0	0	0	0	0
Slovakia	68	1.055	0		0	0	0	0	0	0	1.123
Slovenia	0	22.134	0		0	0	0	0	0	0	22.134
Spain	130.522	257.320	0		1.300	13.393	3.479	0	0	0	406.014
Sweden	262.742	78.616	0		4.415	37.036	0	320.353	0	0	703.162
United Kingdom	45.434	63.807	17.868		3.035	31.446	0	30.306	0	0	191.896
EU-12	33.908	67.027	632		4.040	0	0	0	0	1.962	107.569
EU-15	3.531.014	1.639.775	17.868		1.096.648	935.917	2.084.586	2.389.942	95.549	3.333	11.794.632
EU-27	3.564.922	1.706.802	18.500		1.100.688	935.917	2.084.586	2.389.942	95.549	5.295	11.902.201

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Table 34: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2007, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU or National HW	Y46-Y47	EU or national NON-HW	Not Classified	Hazardous, specified by country	Total
Austria	51.592	43.179	0	12.996	28.499	259	111.328	0	247.853
Belgium	646.811	209.558	0	350.338	8.206	0	0	0	1.222.368
Bulgaria	0	20.920	0	0	0	0	0	0	20.920
Cyprus	0	0	0	0	0	0	0	0	0
Czech Republic	285	7.298	0	0	0	0	0	0	7.583
Denmark	95.082	10.063	0	8.585	1.333	0	24.575	0	139.638
Estonia	0	14.908	0	0	0	0	0	0	14.908
Finland	10.751	343	0	204	3.814	0	0	0	15.112
France	232.498	241.604	50	44.663	20.738	91.016	138.046	1.197	768.837
Germany	1.290.025	595.341	0	517.457	501.702	1.758.821	1.577.296	0	6.240.642
Greece	367	839	0	0	0	0	0	0	1.206
Hungary	1.000	480	0	0	0	0	0	0	1.480
Ireland	2.639	22	0	0	0	0	1.549	0	4.210
Italy	15.884	54.289	0	751.867	6.921	983	693.728	294.701	1.818.373
Latvia	0	234	0	0	0	0	0	0	234
Lithuania	0	6.214	606	0	0	0	0	0	6.820
Luxembourg	1.639	4.922	0	0	0	0	0	0	6.561
Malta	0	0	0	0	0	0	0	0	0
Netherlands	874.966	78.718	0	110.774	8.876	0	0	0	1.073.334
Poland	1.606	2.858	0	641	0	0	2.838	0	7.943
Portugal	0	0	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0	0	0
Slovakia	58	2.580	0	0	0	0	0	0	2.638
Slovenia	0	27.391	0	0	0	0	0	0	27.391
Spain	101.618	119.877	0	631	11.403	0	0	0	233.529
Sweden	257.766	91.192	0	6.123	41.232	0	221.497	0	617.810
United Kingdom	24.095	50.524	27.320	22.911	0	0	32.312	0	157.162
EU-12	2.949	82.883	606	641	0	0	2.838	0	89.917
EU-15	3.605.733	1.500.471	27.370	1.826.549	632.724	1.851.079	2.800.331	295.898	12.546.635
EU-27	3.608.682	1.583.354	27.976	1.827.190	632.724	1.851.079	2.803.169	295.898	12.636.552

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Table 35: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2006, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	EU-WSR or National NON-HW	Not classified	Total
Austria	27.332	56.938		2.486	16.104	292	62.430	165.582
Belgium	578.528	205.391		360.290	22.634		21.247	1.188.090
Bulgaria								
Cyprus								
Czech Republic	158	3.739		7				3.904
Denmark	78.293	12.842		18.142	907	125	20.205	130.514
Estonia		9.889						9.889
Finland	9.478	542		1.763	4.453			16.236
France	203.620	201.420	7.263	34	7.470	18.926	1.182.938	1.621.671
Germany	993.837	580.865		587.472	371.033	1.727.999	1.366.339	5.627.545
Greece	878	369						1.247
Hungary	163.166	200						163.366
Ireland	2.783	10		302				3.095
Italy	9.099	25.891		3.193	197		1.614.093	1.652.473
Latvia		128						128
Lithuania		2.326						2.326
Luxembourg	2.125	1.449						3.574
Malta								
Netherlands	661.502	42.983		125.441	4.940			834.866
Poland	240	3.632		11.995				15.867
Portugal								
Romania								
Slovakia	151	3.348						3.499
Slovenia		22.902						22.902
Spain	71.210	95.749		1.139	11.280			179.378
Sweden	226.852	97.622		398	84.073		182.283	591.228
United Kingdom	41.931	32.047	29.793	400	24.205		17.721	146.097
EU-12	163.715	46.164	0	12.002	0	0	0	221.881
EU-15	2.907.468	1.354.118	37.056	1.101.060	547.296	1.747.342	4.467.256	12.161.596
EU-27	3.071.183	1.400.282	37.056	1.113.062	547.296	1.747.342	4.467.256	12.383.477

Table 36: Shipment of hazardous waste and other notified waste into Member States, as distributed on Y-codes in 2005, in tonnes

Country	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU-WSR or National HW	Y46-Y47	EU-WSR or National NON-HW	Not classified	Total
Austria	23.582	26.709		4.675	113			55.079
Belgium	581.724	196.066			27.853			805.643
Bulgaria								
Cyprus								
Czech Republic	73	2.408						2.481
Denmark	67.580	17.320		12.807	1.323	65	11.654	110.749
Estonia		9.360						9.360
Finland	11.382	387		224	5.897			17.890
France	154.546	158.507	3.050	606.648	5.882		27	928.660
Germany	778.552	553.934		580.699	398.858	1.818.074	1.834.656	5.964.773
Greece	2.779	40						2.819
Hungary		50					17.250	17.300
Ireland	30							30
Italy	3.283	24.598		208			1.306.771	1.334.860
Latvia		55						55
Lithuania	71	240						311
Luxembourg	1.747	119						1.866
Malta								
Netherlands	395.583	51.147		63.493				510.223
Poland	2.288	3.678					1.793	7.759
Portugal	111							111
Romania								
Slovakia	28	1.065		125				1.218
Slovenia		23.159						23.159
Spain	61.787	110.487		172	53.521			225.967
Sweden	58.012	78.496			141.079			277.587
United Kingdom	57.257	38.571	33.262	136	435		1.225	130.886
EU-12	2.460	40.015	0	125	0	0	19.043	61.643
EU-15	2.197.955	1.256.381	36.312	1.269.062	634.961	1.818.139	3.154.333	10.367.143
EU-27	2.200.415	1.296.396	36.312	1.269.187	634.961	1.818.139	3.173.376	10.428.786

Table 37: Shipment of hazardous waste and other notified waste into Member States for total EU-27, as distributed on Y-codes in 2001-2009, in tonnes

Year	Y1-Y18	Y19-Y45	Mix Y1-Y45	EU or National HW	Y46-Y47	EU or national NON-HW	Not Classified	Hazardous, specified by country	Non- hazardous, specified by country	EU 27 total
2001	1.334.985	789.563	15.609	830.654	408.533	33.442	3.935.644	0	0	7.348.430
2002	1.209.900	1.094.826	13.563	1.097.524	491.212	48.071	4.286.766	0	0	8.241.862
2003	2.017.064	1.244.981	25.895	1.157.335	613.446	1.114	4.926.687	0	0	9.986.522
2004	2.151.040	1.471.098	24.528	783.724	1.113.761	16.635	5.471.787	0	0	11.032.573
2005	2.200.415	1.296.396	36.312	1.269.187	634.961	1.818.139	3.173.376	0	0	10.428.786
2006	3.071.183	1.400.282	37.056	1.113.062	547.296	1.747.342	4.467.256	0	0	12.383.477
2007	3.608.682	1.583.354	27.976	1.827.190	632.724	1.858.534	2.803.169	295.898	0	12.637.527
2008	3.564.922	1.706.802	18.500	1.100.688	935.917	2.084.586	2.389.942	5.295	95.549	11.902.201
2009	3.599.344	1.514.112	42.075	882.358	635.541	3.307.752	1.600.791	706.247	142.488	12.430.708

Figure 38: Shipment of hazardous waste and other notified waste into Member States for total EU-27, as distributed on Y-codes in 2001-2009, in million tonnes

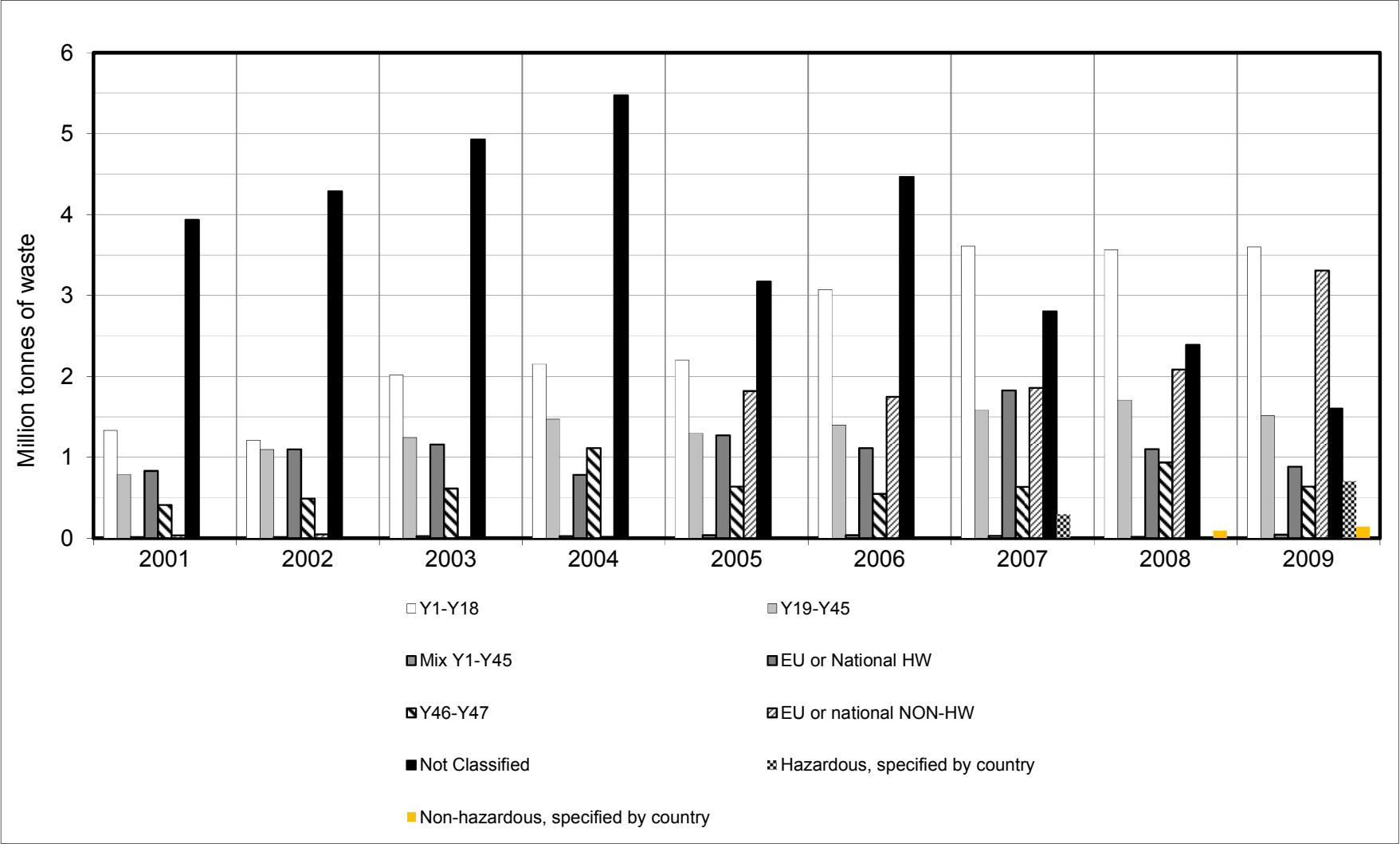


Figure 39: Treatment of hazardous waste shipped into Member States (EU-27), in million tonnes

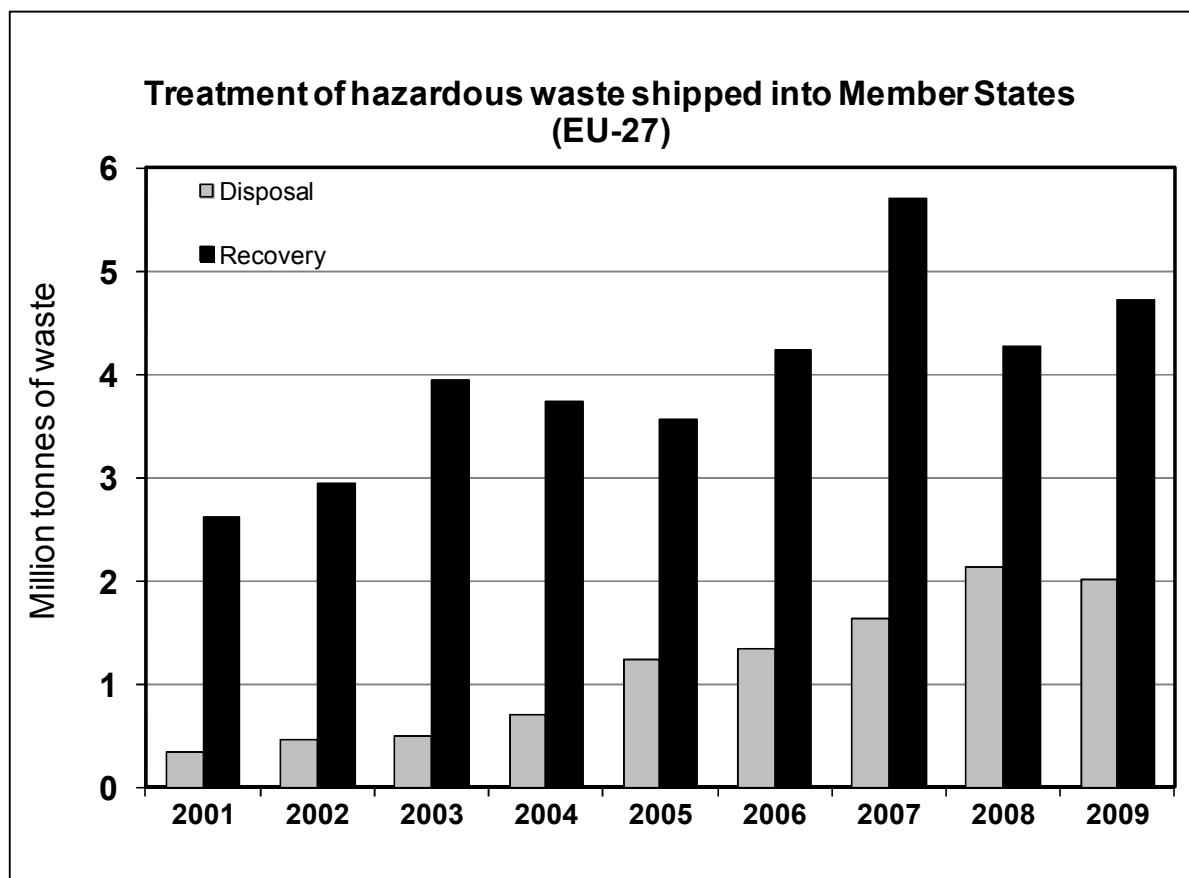


Table 38: Treatment of hazardous waste shipped into Member States (EU-27), in tonnes

Year	Disposal	Recovery	Mix	Unknown	EU-27 Total
2001	344.508	2.620.310	3.973	2.020	2.970.811
2002	460.351	2.939.870	4.948	10.644	3.415.813
2003	491.730	3.950.027	156	3.362	4.445.275
2004	694.808	3.734.961	621	0	4.430.390
2005	1.236.629	3.564.205	21	1.171	4.802.337
2006	1.344.085	4.232.817	379	44.302	5.621.583
2007	1.632.110	5.695.396	4.962	1.523	7.343.100
2008	2.127.647	4.267.653	907	0	6.396.207
2009	2.016.876	4.727.238	22	0	6.744.136

Figure 40: Treatment of hazardous waste shipped into EU-15 Member States, in million tonnes



Table 39: Treatment of hazardous waste shipped into EU-15 Member States, in tonnes

Year	Disposal	Recovery	Mix	Unknown	EU-15 Total
2001	344.508	2.595.985	3.949	2.020	2.946.462
2002	460.351	2.920.389	277	10.644	3.391.661
2003	491.730	3.796.249	156	3.362	4.291.497
2004	694.808	3.694.536	621	0	4.389.965
2005	1.234.341	3.524.204	21	1.171	4.759.737
2006	1.340.778	4.017.403	379	41.142	5.399.702
2007	1.628.036	5.619.211	4.962	1.523	7.256.021
2008	2.126.058	4.161.673	907	0	6.288.638
2009	2.014.719	4.598.412	22	0	6.613.153

Table 40: Treatment of hazardous waste shipped into Member States in 2009, in tonnes

Country	Disposal	Recovery	Mix	Total
Austria	37.110	32.180		69.290
Belgium	72.055	606.999		679.054
Bulgaria		28.500		28.500
Czech Republic		10.922		10.922
Denmark	50.456	41.719		92.175
Estonia	17	14.047		14.064
Finland	4.408	21.456		25.864
France	102.462	273.601		376.063
Germany	1.505.984	1.239.844		2.745.828
Hungary		3.180		3.180
Ireland		2.891		2.891
Italy	1.297	711.499		712.796
Latvia		888		888
Lithuania		7.821		7.821
Luxembourg	62	4.981		5.043
Netherlands	134.595	877.908		1.012.503
Poland	2.140	34.944		37.084
Portugal		1.182		1.182
Slovakia		988		988
Slovenia		27.536		27.536
Spain	89.676	129.708		219.384
Sweden	4.125	514.290	22	518.437
United Kingdom	12.489	140.154		152.643
EU-27	2.016.876	4.727.238	22	6.744.136

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Figure 41: Treatment of hazardous waste shipped into Member States in 2009, in %

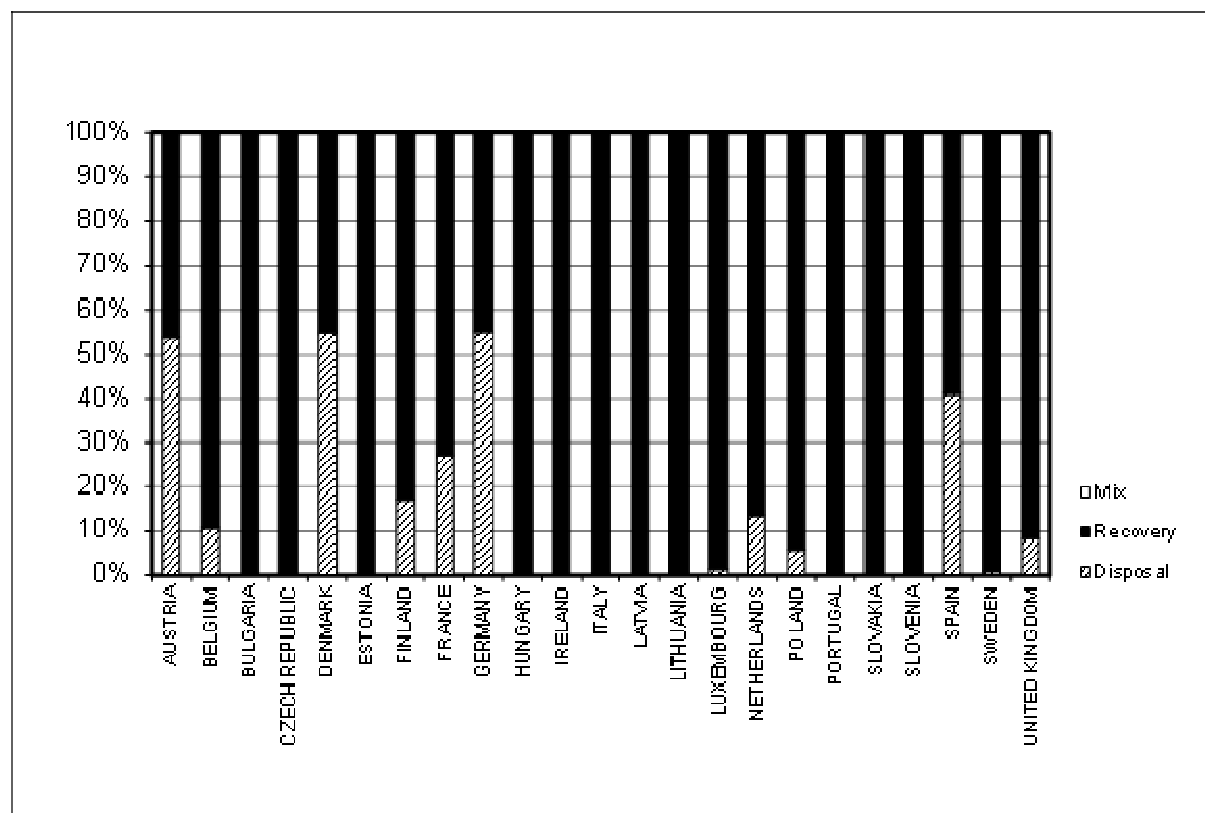


Table 41: Treatment of hazardous waste shipped into Member States in 2008, in tonnes

Country	Disposal	Recovery	Mix	Total
Austria	39.312	40.239		79.551
Belgium	86.861	674.871		761.732
Bulgaria		20.402		20.402
Cyprus		11.724		11.724
Czech Republic		10.075		10.075
Denmark	72.641	64.855		137.496
Estonia	2	15.598		15.600
Finland	3.274	14.271		17.545
France	84.008	369.326		453.334
Germany	1.501.205	1.449.157		2.950.362
Greece		206		206
Hungary		980		980
Ireland		2.925		2.925
Italy	1.540	51.863		53.403
Latvia		621		621
Lithuania		6.272		6.272
Luxembourg	1.034	5.233		6.267
Malta				
Netherlands	71.814	888.944		960.758
Poland	1.587	17.051		18.638
Portugal				
Romania				
Slovakia		1.123		1.123
Slovenia		22.134		22.134
Spain	254.293	134.849		389.142
Sweden	3.406	342.367		345.773
United Kingdom	6.670	122.567	907	130.144
EU-27	2.127.647	4.267.653	907	6.396.207

= Due to lack of reported data on "imports" for some Member States, the respective data on "exports" reported by other Member States were used instead.

Figure 42: Treatment of hazardous waste shipped into Member States in 2008, in %

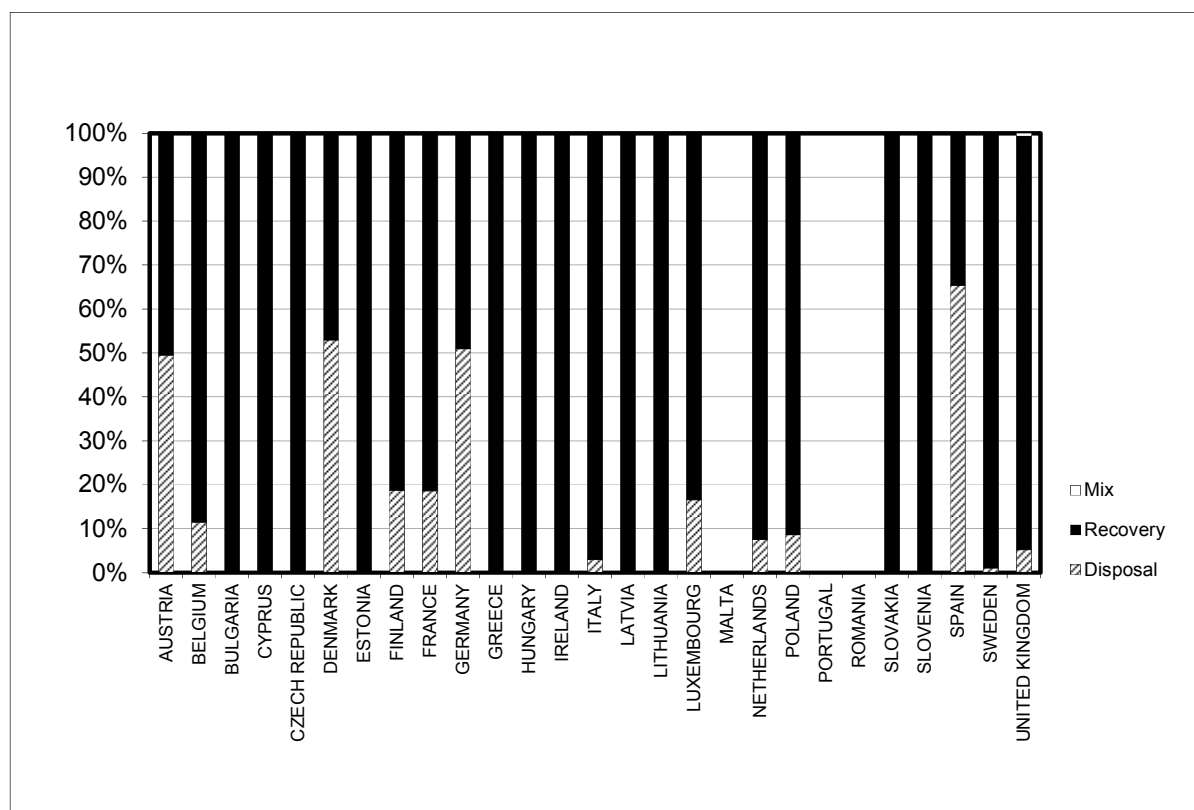


Table 42: Treatment of hazardous waste shipped into Member States in 2006, in tonnes

Country	Disposal	Recovery	Mix	Unknown	Total
Austria	64.590	22.166			86.756
Belgium	79.050	1.024.049		41.110	1.144.209
Bulgaria					
Cyprus					
Czech Republic		3.904			3.904
Denmark	51.757	57.520			109.277
Estonia		9.889			9.889
Finland	3.589	8.194			11.783
France	71.917	340.420			412.337
Germany	920.406	1.241.768			2.162.174
Greece		1.247			1.247
Hungary		163.366			163.366
Ireland		3.095			3.095
Italy	131	38.052			38.183
Latvia		128			128
Lithuania		2.326			2.326
Luxembourg	1.471	2.103			3.574
Malta					
Netherlands	47.114	782.812			829.926
Poland	2.945	9.762		3.160	15.867
Portugal					
Romania					
Slovakia	362	3.137			3.499
Slovenia		22.902			22.902
Spain	92.957	75.141			168.098
Sweden	83	324.410	379		324.872
United Kingdom	7.713	96.426		32	104.171
EU-27	1.344.085	4.232.817	379	44.302	5.621.583

Figure 43: Treatment of hazardous waste shipped into Member States in 2006, in %

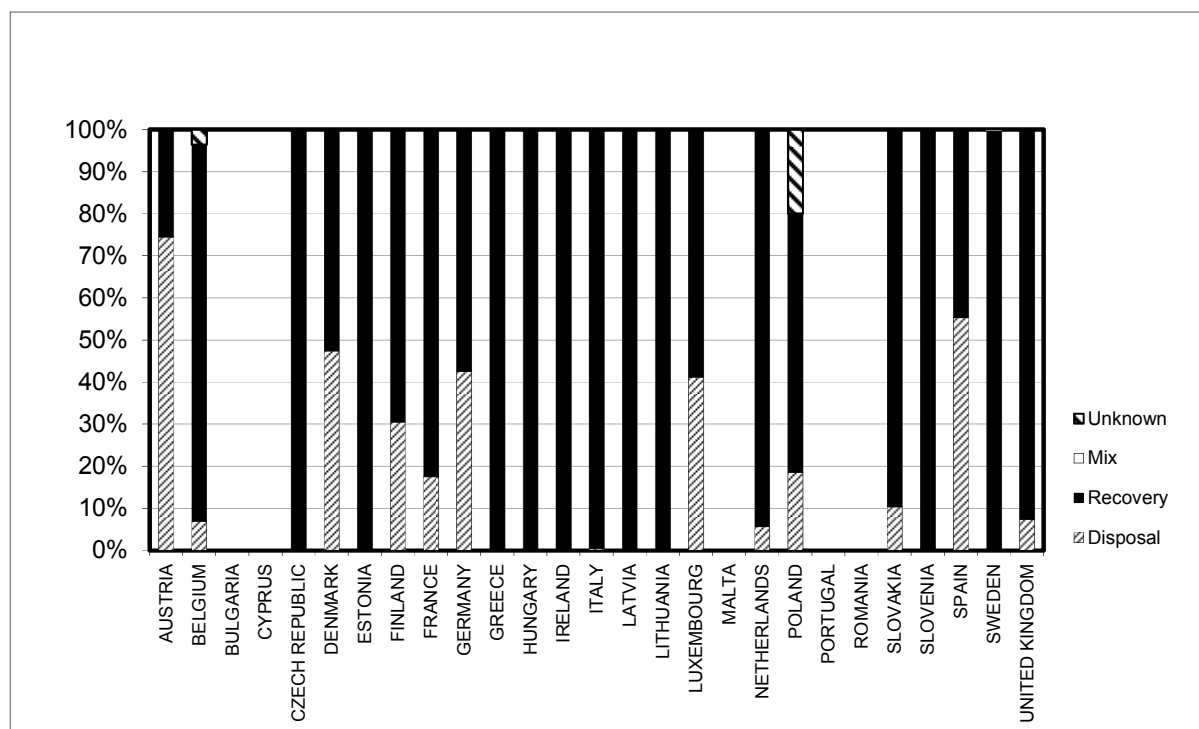


Table 43: Shipment of all notified waste into EU Member States from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

		From					
To	Year	EU-15	EU-12	EFTA	OECD (non-EFTA)	Non- OECD	Total
EU-12	2001	45	14			10	69
	2002	2	12			11	25
	2003	4	14			13	31
	2004	5	18			17	40
	2005	25	17			19	62
	2006	94	55	1		71	221
	2007	33	31	0	3	22	90
	2008	48	41	1		17	108
	2009	55	54	1		20	131
EU-15	2001	6475	66	675	31	27	7273
	2002	7360	38	669	12	44	8124
	2003	8494	53	1052	129	67	9796
	2004	10079	80	680	77	73	10989
	2005	9127	55	1089	15	69	10354
	2006	10396	55	1633	27	50	12161
	2007	11191	137	1112	49	59	12548
	2008	10014	126	1370	77	208	11795
	2009	10446	114	1587	38	115	12300
EU-27	2001	6520	79	675	31	37	7342
	2002	7362	51	669	12	55	8148
	2003	8498	67	1052	129	80	9827
	2004	10084	99	680	77	90	11030
	2005	9152	73	1089	15	88	10416
	2006	10489	110	1634	27	121	12382
	2007	11224	168	1112	52	81	12637
	2008	10062	167	1371	77	225	11902
	2009	10501	168	1588	38	136	12431

Figure 44: Shipment of all notified waste into EU-12 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

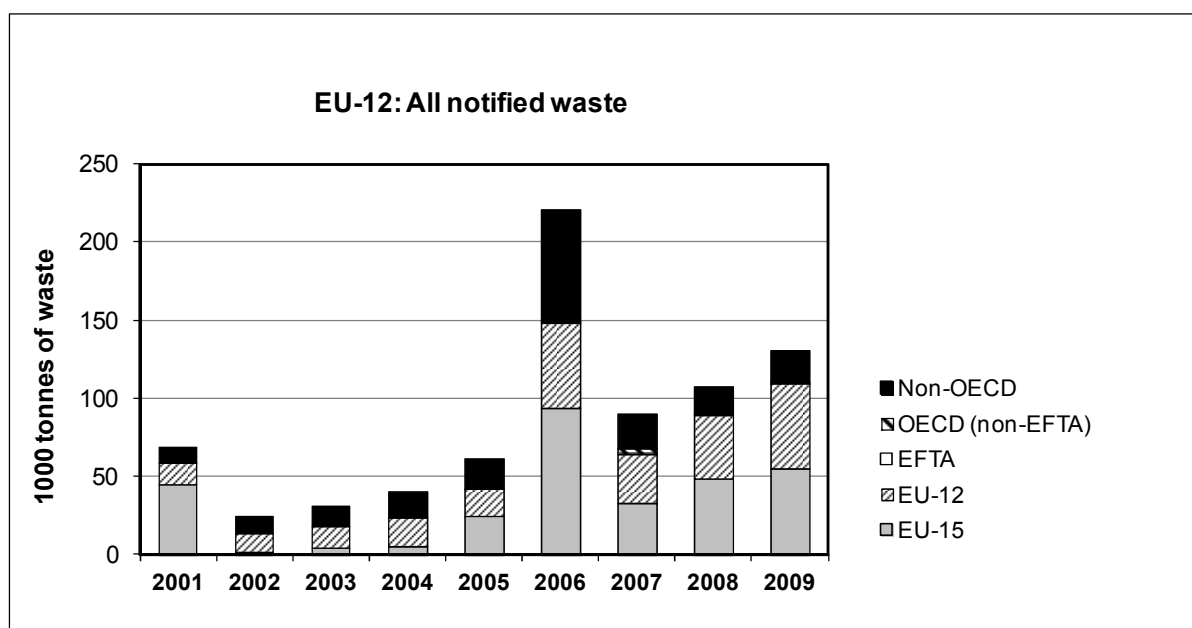


Figure 45: Shipment of all notified waste into EU-15 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

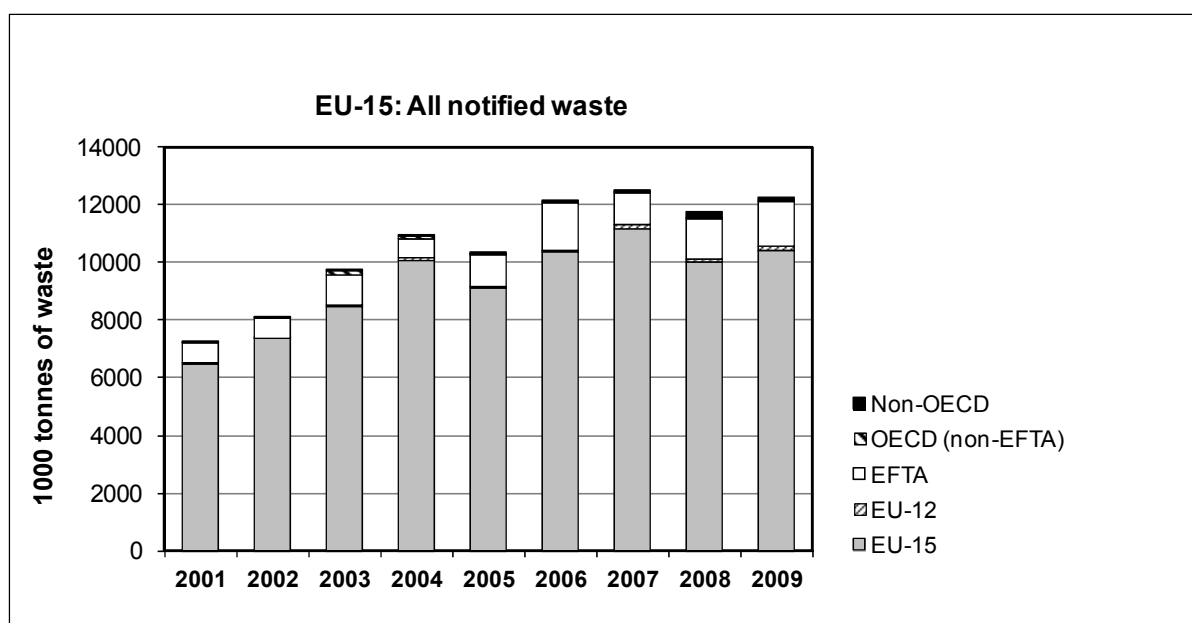


Figure 46: Shipment of all notified waste into EU-27 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

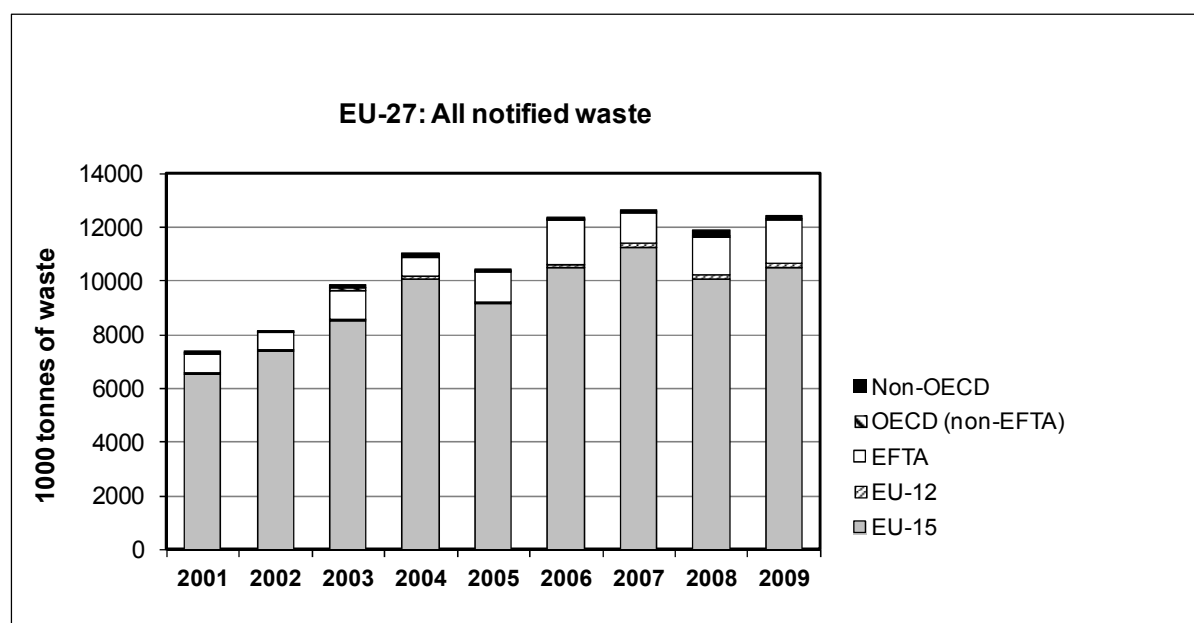


Table 44: Shipment of hazardous waste into EU Member States from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

		From					
To	Year	EU-15	EU-12	EFTA	OECD (non-EFTA)	Non- OECD	Total
EU-12	2001	1	14			10	24
	2002	1	12			11	24
	2003	4	14			13	31
	2004	5	18			17	40
	2005	8	17			17	43
	2006	94	55	1		71	221
	2007	30	31	0	3	22	87
	2008	48	41	1		17	108
	2009	55	54	1		20	131
EU-15	2001	2660	55	173	29	23	2940
	2002	3006	28	221	10	37	3302
	2003	3550	41	511	128	25	4255
	2004	3993	48	246	73	27	4387
	2005	4150	48	524	13	22	4756
	2006	4947	46	343	23	41	5399
	2007	6656	111	411	47	32	7256
	2008	5458	98	486	75	172	6289
	2009	5322	94	1071	38	88	6613
EU-27	2001	2661	68	173	29	33	2964
	2002	3007	40	221	10	48	3327
	2003	3554	55	511	128	38	4286
	2004	3998	66	246	73	44	4427
	2005	4157	66	524	13	39	4799
	2006	5041	101	344	23	112	5620
	2007	6686	142	411	50	54	7343
	2008	5506	138	487	75	189	6396
	2009	5377	149	1072	38	108	6744

Figure 47: Shipment of hazardous waste into EU-12 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

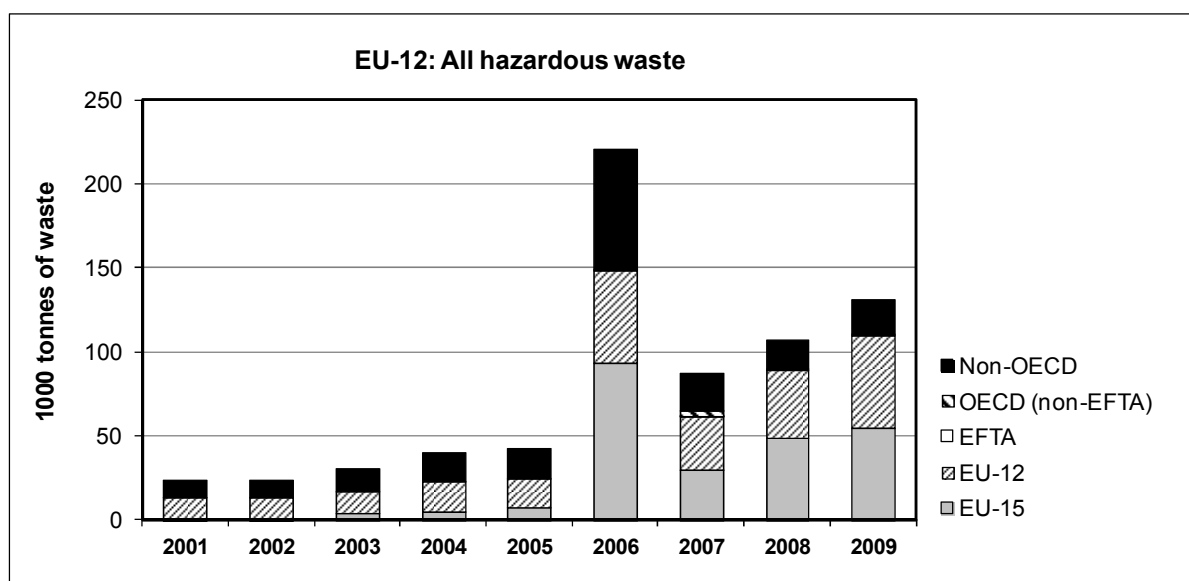


Figure 48: Shipment of hazardous waste into EU-15 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes

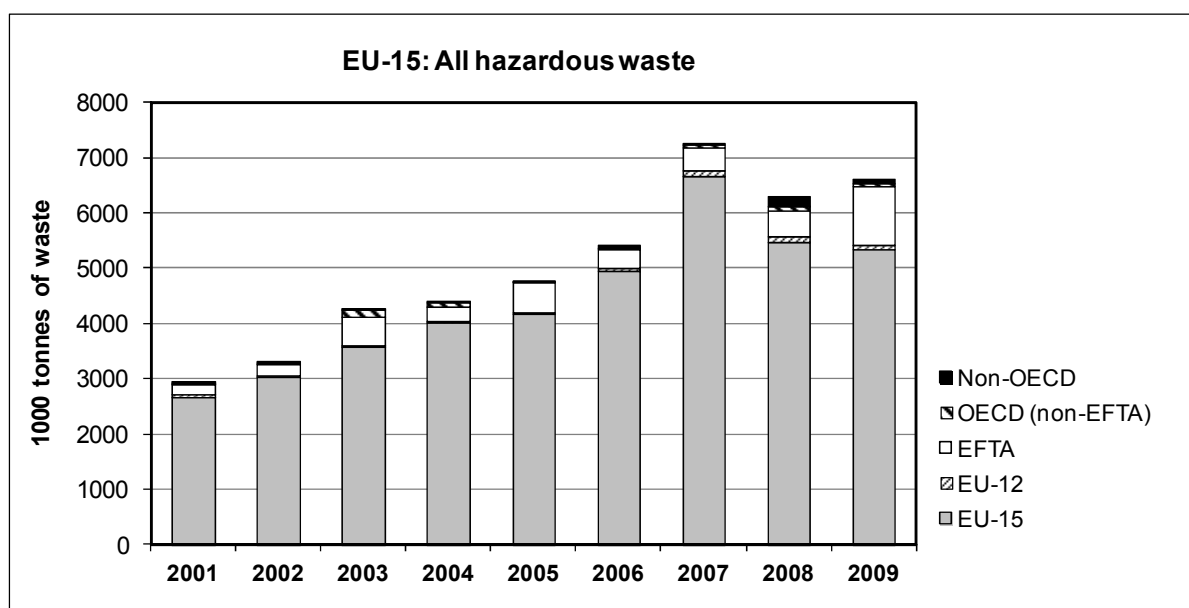
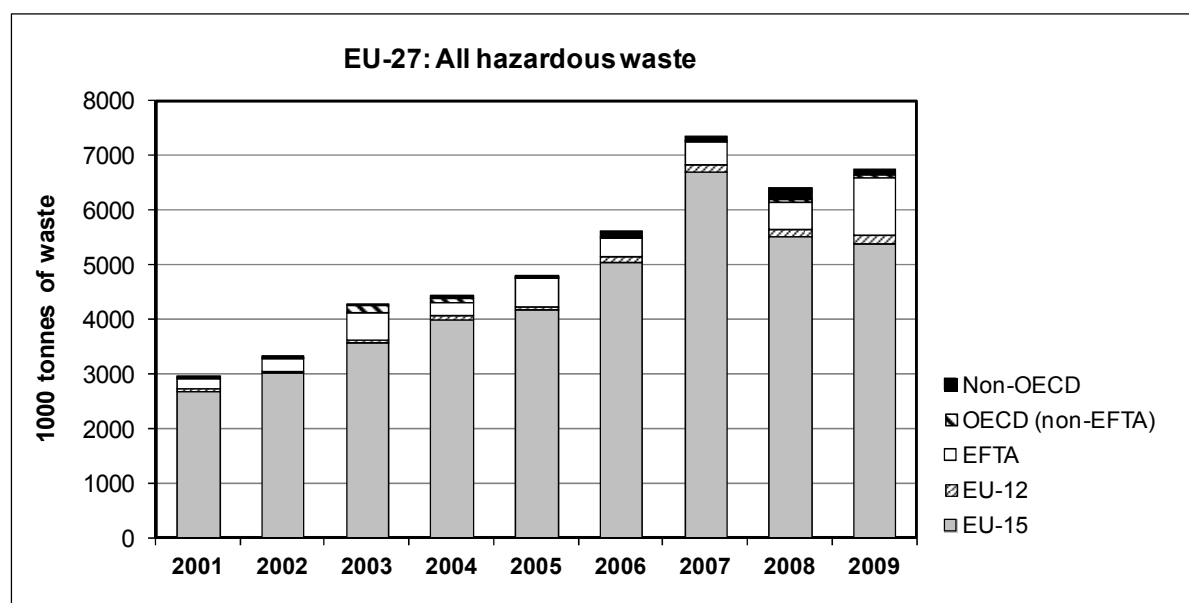


Figure 49: Shipment of hazardous waste into EU-27 from EU, EFTA, OECD and Non-OECD countries, in 1000 tonnes



IV. Import and export of notified waste from and to countries outside the EU

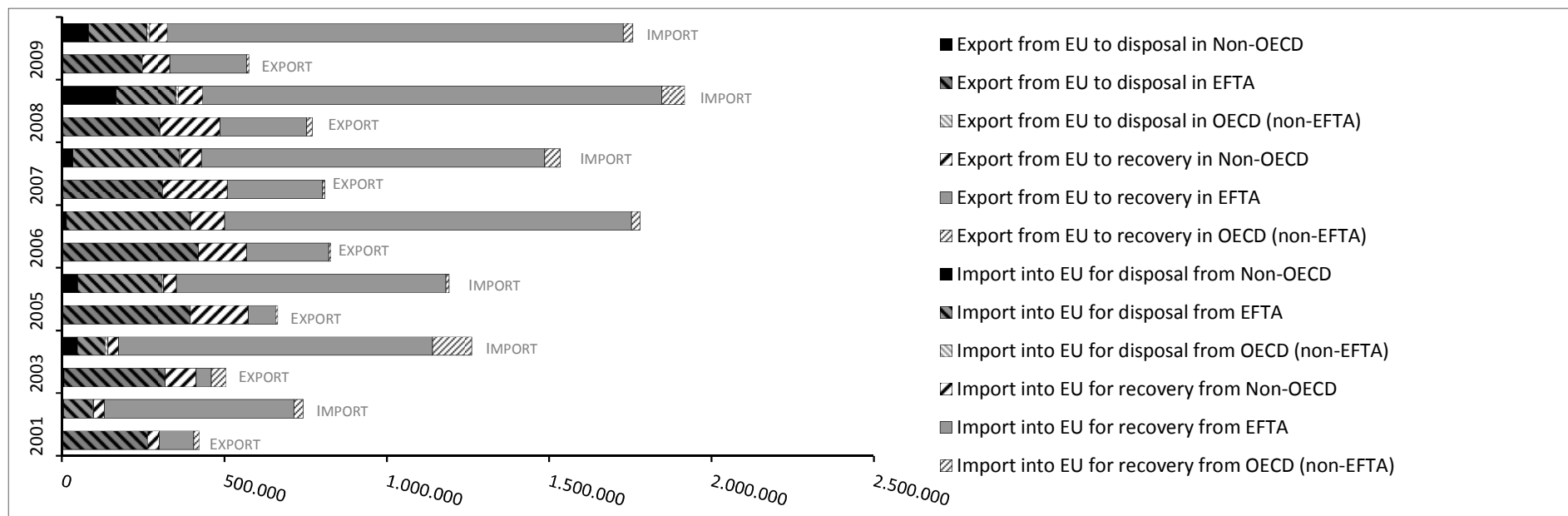
Table 45: Import and export of all notified waste from and to countries outside the European Union, in tonnes

		Country group	2001	2003	2005	2006	2007	2008	2009
Export from EU	Disposal	Non-OECD	0	6.010	0	0	0	0	0
		EFTA	263.257	311.133	395.068	419.599	309.675	300.935	247.641
		OECD (non-EFTA)	0	0	0	0	0	0	0
		Sub total, Disposal	263.257	317.143	395.068	419.599	309.675	300.935	247.641
	Recovery	Non-OECD	35.838	95.709	178.286	147.827	198.774	184.525	83.751
		EFTA	106.334	46.501	84.594	253.410	294.161	267.840	236.124
		OECD (non-EFTA)	17.362	45.606	5.857	6.302	6.397	16.899	7.909
		Sub total, Recovery	159.534	187.816	268.737	407.539	499.332	469.264	327.784
	Total, Recovery + Disposal		422.791	504.959	663.805	827.138	809.007	770.199	575.425
Import into EU	Disposal	Non-OECD	4.336	46.955	48.124	13.733	33.631	166.572	81.027
		EFTA	90.605	85.453	259.763	380.436	327.480	183.113	179.760
		OECD (non-EFTA)	1.834	8.772	4.390	1.640	4.297	7.794	8.732
		Sub total, Disposal	96.775	141.180	312.277	395.809	365.408	357.479	269.519
	Recovery	Non-OECD	32.872	33.142	40.213	104.566	63.895	75.255	54.578
		EFTA	584.206	966.723	828.987	1.253.257	1.056.842	1.414.572	1.403.893
		OECD (non-EFTA)	28.732	120.725	10.272	25.629	48.561	69.507	29.543
		Sub total, Recovery	645.810	1.120.590	879.472	1.383.452	1.169.298	1.559.334	1.488.014
	Total, Recovery + Disposal		742.585	1.261.770	1.191.749	1.779.261	1.534.706	1.916.813	1.757.533

NOTE: Some countries have reported difficulty in identifying the right code for the classification of the waste because some waste streams cannot be identified with any of the codes Y1 to Y47.

The figures shown include also the amount of waste exported from EU-12 throughout the period between 2001 and 2007. For example, the 6.010 tonnes of waste that were exported for disposal in 2003 to non-OECD countries was waste that was exported from Hungary, a country which at the time was a non-EU Member State

Figure 50: Import and export of all notified waste from and to countries outside the European Union, in tonnes



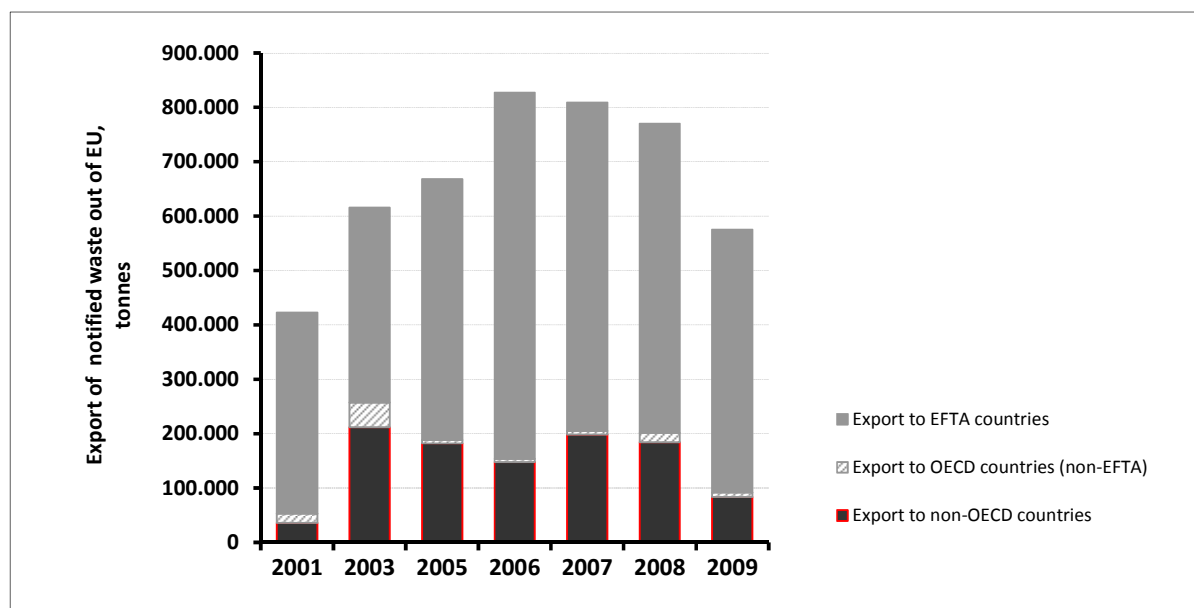
NOTE: Some countries have reported difficulty in identifying the right code for the classification of the waste because some waste streams cannot be identified with any of the codes Y1 to Y47.

Table 46: Export of all notified waste out of the European Union, in tonnes

Country reporting	Export to non-OECD countries							Export to EFTA countries						
	2001	2003	2005	2006	2007	2008	2009	2001	2003	2005	2006	2007	2008	2009
AUSTRIA	0	0	0	0	216	218	500	16.111	10.591	17.645	38.289	64.194	17.593	18.474
BELGIUM	0	25	350	4.912	1.232	0	0	0	0	0	0	4	0	0
BULGARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENMARK	0	0	0	0	0	0	0	214.852	248.264	211.039	120.832	101.075	103.175	67.848
ESTONIA	0	29	0	0	0	0	0	0	0	0	0	0	0	0
FINLAND	0	0	0	2.291	1.520	0	0	1.287	1.435	6.521	10.245	4.178	460	394
FRANCE	0	0	0	0	63.639	66.528	0	14.261	22.753	16.148	21.730	30.925	21.373	0
GERMANY	20.746	4.505	1.369	14.000	23.302	15.091	21.325	64.338	53.536	197.704	384.255	284.107	255.551	199.002
GREECE	0	0	0	0	0	42	0	0	0	0	0	0	0	0
HUNGARY	0	7.470	16.660	0	0	0	0	0	0	0	0	0	0	0
IRELAND	373	26.210	91.031	0	0	0	0	0	30	0	41	38	0	0
ITALY	12.447	0	0	0	0	0	3.968	18.124	6.664	11.726	17.212	17.860	13.782	25.165
LATVIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LITHUANIA	0	46.300	0	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG														
MALTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	2.200	17.522	72.988	119.989	89.788	33.659	23.873	11.432	297	293	1.336	5.134	16.286	10.818
POLAND	0	110.000	0	0	0	0	0	0	0	0	0	0	0	0
PORTUGAL	0	0	0	0	0	0	0	22	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOVAKIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOVENIA	0	0	0	0	0	22.922	17.074	0	0	0	0	0	0	0
SPAIN	0	0	0	0	0	44.789	16.359	0	0	36	12	96	26	23
SWEDEN	0	0	0	6.635	16.288	141	106	9.062	11.929	18.716	65.524	83.981	131.676	139.904
UNITED KINGDOM	72	0	0	0	2.789	1.135	546	20.102	2.456	122	13.545	12.244	8.853	22.137
Total	35.838	212.061	182.398	147.827	198.774	184.525	83.751	369.591	357.955	479.950	673.021	603.836	568.775	483.765

NOTE: Some countries have reported difficulty in identifying the right code for the classification of the waste because some waste streams cannot be identified with any of the codes Y1 to Y47.

Figure 51: Export of all notified waste out of the European Union, in tonnes

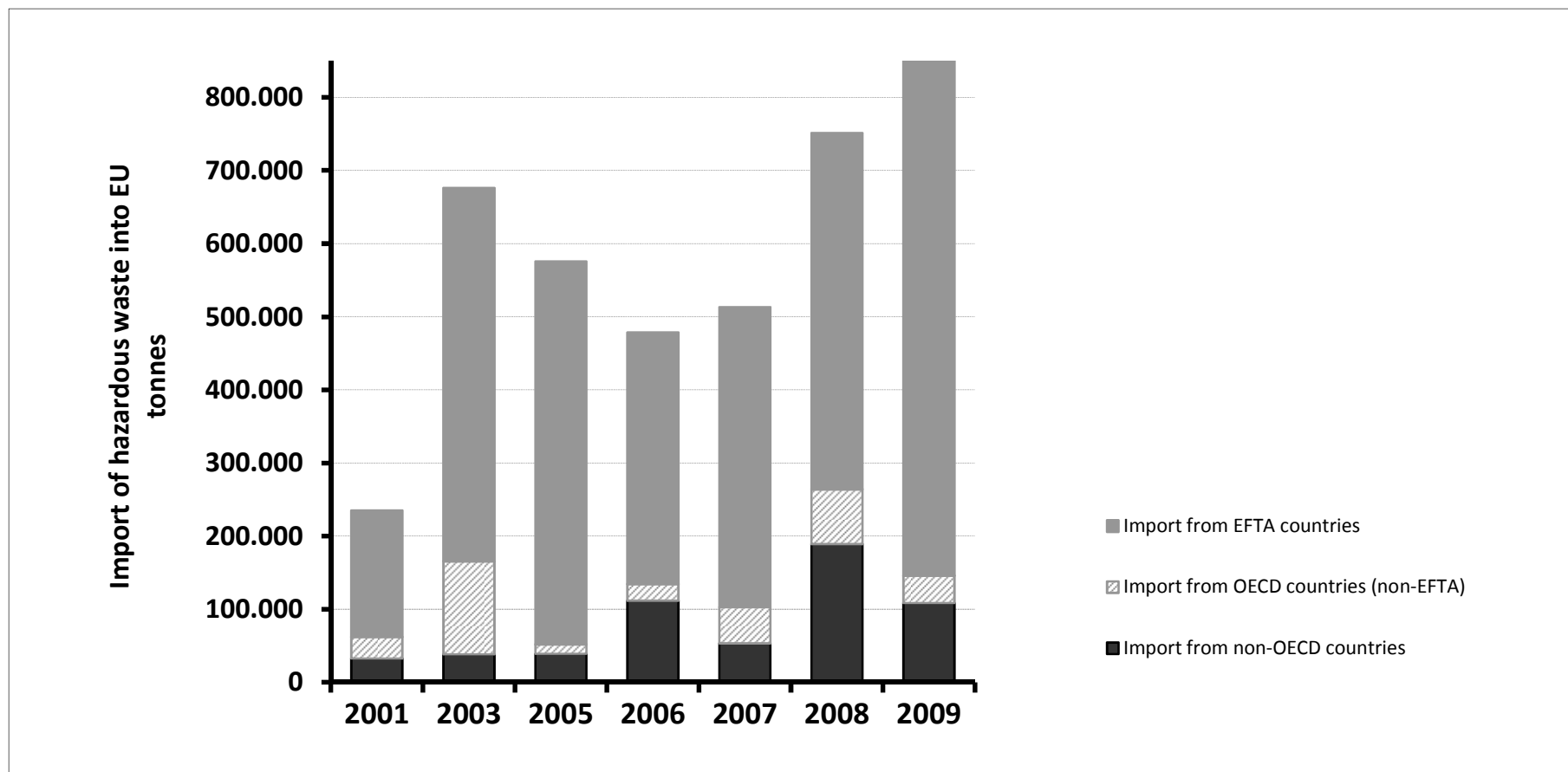


NOTE: Some countries have reported difficulty in identifying the right code for the classification of the waste because some waste streams cannot be identified with any of the codes Y1 to Y47.

Table 47: Import of hazardous waste into the European Union , in tonnes

Country reporting	Import from non-OECD countries							Import from EFTA countries						
	2001	2003	2005	2006	2007	2008	2009	2001	2003	2005	2006	2007	2008	2009
AUSTRIA	0	1.777	2.723	2.729	5.100	5.438	3.421	293	821	707	2.745	5.752	3.455	3.392
BELGIUM	5.538	4.266	1.844	19.991	4.456	11.479	8.594	3.772	6.554	5.359	6.750	4.486	4.815	2.296
BULGARIA	0	0	0	0	6.200	3.400	8.000	0	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	0	0	177	157	19	19	19	0	0	0	0	0	0	0
DENMARK	0	0	0	0	0	0	153	34.366	36.773	26.820	33.854	48.274	57.261	41.224
ESTONIA	0	0	351	500	200	0	0	0	0	0	0	0	0	0
FINLAND	463	1.143	50	58	129	302	392	2.716	2.370	3.310	2.142	1.679	9.335	13.973
FRANCE	1.323	1.482	3.432	4.920	0	0	0	5.609	297.957	294.438	9.850	0	0	0
GERMANY	3.180	6.517	6.477	10.062	11.718	11.942	6.628	61.866	122.600	113.186	103.437	132.763	138.797	149.912
GREECE	0	0	2.717	0	0	20	0	0	0	0	0	0	0	0
HUNGARY	0	0	0	52.640	0	350	200	0	0	0	1.000	0	0	0
IRELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	120	0	246	131	1.821	6.177	4.192	409	2.250	1.631	7.623	18.314	1.857	422.133
LATVIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LITHUANIA	0	0	0	0	0	961	0	0	0	0	0	0	1.376	906
LUXEMBOURG														
MALTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	1.127	2.930	216	717	2.286	3.827	4.907	851	183	26.743	18.708	9.887	56.898	74.528
POLAND	0	0	1.620	3.160	248	1.100	2.659	0	0	0	0	0	0	0
PORTUGAL	0	0	111	0	0	0	0	285	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOVAKIA	0	0	105	928	1.640	778	0	0	0	0	0	0	0	0
SLOVENIA	10.250	13.234	15.218	13.802	13.207	10.590	9.466	0	0	0	0	0	0	0
SPAIN	8.866	4.759	603	1.169	980	126.463	54.256	15.160	0	5.118	3.787	3.744	1.806	4.523
SWEDEN	43	0	54	248	93	365	535	35.881	29.916	38.467	147.038	178.715	196.688	343.917
UNITED KINGDOM	1.963	2.175	3.067	533	5.141	5.944	5.025	11.882	11.229	8.256	6.880	6.946	15.075	15.058
Total	32.873	38.283	39.011	111.745	53.238	189.155	108.447	173.090	510.653	524.035	343.814	410.560	487.363	1.071.862

Figure 52: Import of hazardous waste into the European Union, in tonnes



V. Differences between reported amounts of “import” and “export”

Table 48: Difference between “export” and “import” of all notified waste between EU countries, in 1000 tonnes

		EU-27	EU-27	EU-27
	Year	„Import“	„Export“	Difference
EU-27	2001	6599	5868	-732
	2002	7413	7378	-35
	2003	8565	7982	-584
	2004	10183	9790	-392
	2005	9224	8231	-993
	2006	10599	9125	-1474
	2007	11392	9958	-1434
	2008	10229	10429	200
	2009	10669	10777	108

Table 49: Difference between reported "export" and "import" of hazardous waste between EU countries, in 1000 tonnes

		EU-27	EU-27	EU-27
	Year	„Import“	„Export“	Difference
EU-27	2001	2729	2957	228
	2002	3047	3557	509
	2003	3609	4208	599
	2004	4064	4816	751
	2005	4223	6457	2234
	2006	5141	6355	1214
	2007	6829	7539	710
	2008	5644	7287	1642
	2009	5526	7005	1479

Table 50: Difference between reported "export" and "import" of all other notified wastes (i.e. excluding hazardous waste) between EU countries, in 1000 tonnes

		EU-27	EU-27	EU-27
	Year	„Import“	„Export“	Difference
EU-27	2001	3870	2910	-960
	2002	4365	3821	-544
	2003	4956	3774	-1182
	2004	6118	4975	-1143
	2005	5001	1774	-3227
	2006	5458	2770	-2688
	2007	4564	2419	-2145
	2008	4584	3143	-1442
	2009	5143	3772	-1371

