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List of abbreviations

Abbreviation	Term
APD	Automated peritoneal dialysis
CAKUT	Congenital anomalies of the kidney and urinary tract
CAPD	Continuous ambulatory peritoneal dialysis
CI	Confidence interval
DM	Diabetes mellitus
ERA-EDTA	European Renal Association - European Dialysis and Transplant Association
ESPN	European Society for Paediatric Nephrology
ESRD	End stage renal disease
EU25	The 25 Member States of the European Union as of 2004 (Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, The Netherlands, and United Kingdom)
EU27	The 27 Member States of the European Union as of 2007 (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, The Netherlands, United Kingdom)
GN	Glomerulonephritis / sclerosis
HD	Haemodialysis
HDF	Haemodiafiltration
HF	Haemofiltration
HT	Hypertension
HUS	Haemolytic uraemic syndrome
ISO	International Standards Organization
Misc	Miscellaneous
N	Count
ODBC	Open database connectivity
Oth	Other
PD	Peritoneal dialysis
PGP	Pretty good privacy
PKD	Polycystic kidneys, adult type
Pmp	Per million population
PN	Pyelonephritis
PRD	Primary renal disease
RRT	Renal replacement therapy
RVD	Renal vascular disease
SD	Standard deviation
SOPs	Standard Operating Procedures
Tx	Transplant
Unkn	Unknown
USRDS	United States Renal Data System

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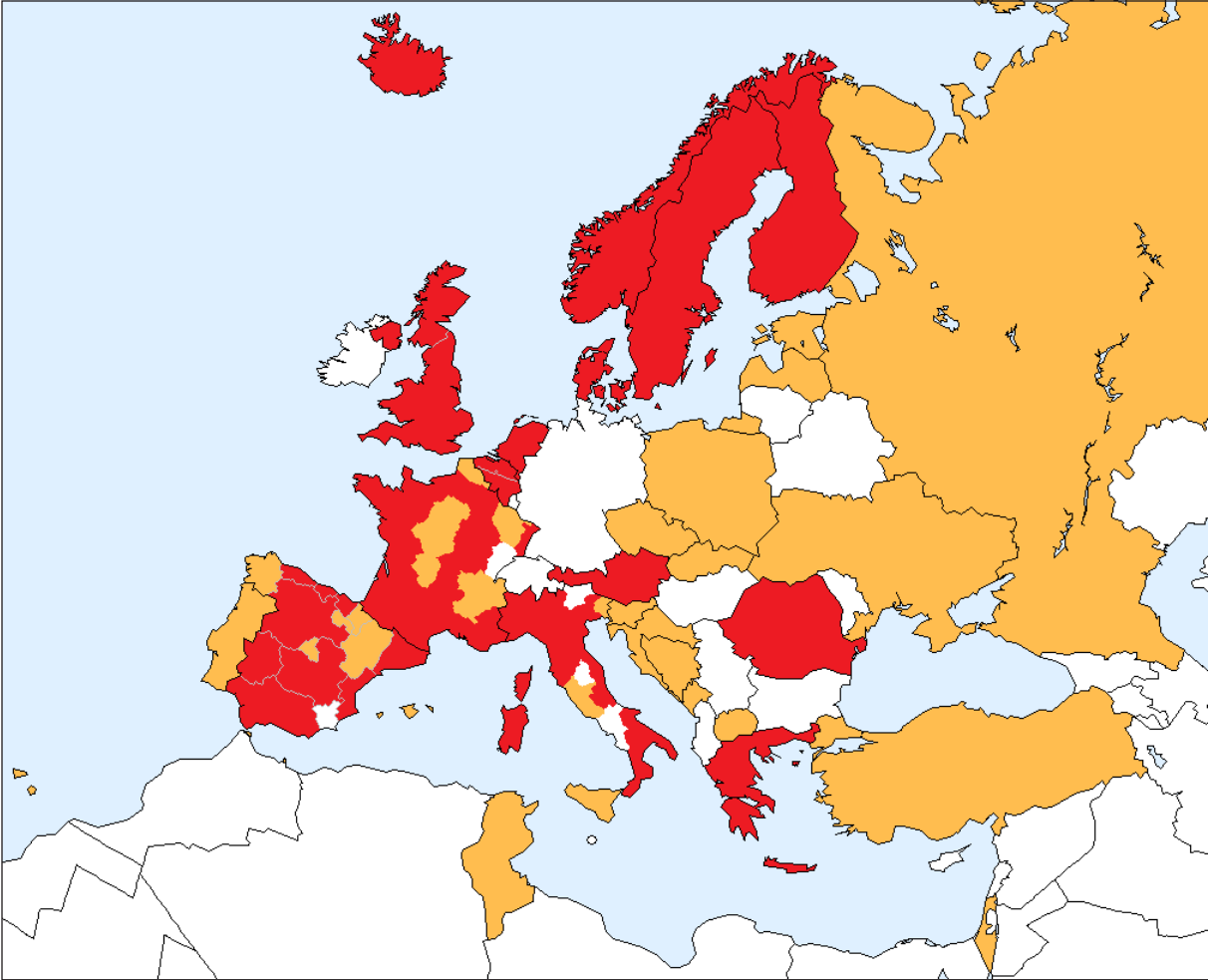
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I Introduction

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registries contributing individual patient data
 registries contributing aggregated data

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GR	Greece	SI	Slovenia																																																										
HR	Croatia	SK	Slovakia																																																										
IL	Israel	TN	Tunisia																																																										
IS	Iceland	TR	Turkey																																																										
IT	Italy	UA	Ukraine																																																										
LV	Latvia	UK	United Kingdom																																																										

I Introduction

The ERA-EDTA Registry collects data on renal replacement therapy (RRT) via the national and regional renal registries in Europe. For this Annual Report 2008 it used data from 55 national or regional registries in 30 countries. The reference tables are presented in two parts: Section A (Chapter II) and Section B (Chapter III). Section A relates to individual patient data from 36 national and regional registries from 14 countries (shown in red in Figure 1), whereas section B relates to 19 national registries from 19 countries providing aggregated data based on individual patient data, centre questionnaire data or information from health authorities (shown in orange in Figure 1).

Chapter overview

Chapter II (Section A) contains data on the incidence and prevalence of RRT and data on survival and expected remaining lifetimes from those registries providing individual patient data. Chapter III (Section B) contains data on the incidence and prevalence from the countries providing aggregated data. Chapter IV describes summary data from all participating registries. The incidence and prevalence of RRT in paediatric patients are described in Chapter V, based on data from registries providing individual paediatric data. Chapter VI describes the methods used, including data collection and preparation, definitions, and coding systems. In addition, it describes the statistical methods to calculate incidence and prevalence, patient and graft survival, and expected remaining lifetimes.

New to this edition

Starting this annual report, the adjustment of incidence and prevalence for age and gender will use the EU27 population of the year 2005 as reference population, instead of the previously used EU25 population of 2000 [1]. Furthermore, the grouping of primary renal diseases used in the Paediatric section of this annual report has been changed.

ERA-EDTA Registry website

PDF files of the ERA-EDTA Registry annual reports and other information on the Registry can be downloaded from the website of the ERA-EDTA Registry: www.era-edta-reg.org. This website also includes a repository of educational publications and presentations concerning epidemiology and biostatistics.

ESPN/ERA-EDTA Registry website

Information on the activities of the European Society for Paediatric Nephrology (ESPN)/ERA-EDTA Registry and on paediatric registries in general is provided at the ESPN/ERA-EDTA Registry website: www.espn-reg.org. In addition, PDF files of the ESPN/ERA-EDTA annual reports can be downloaded from this website.

II Reference Tables - Section A

Table A.1.1
 General population of the country/region and percent coverage of general population

	General population of whole country/region in thousands	% Coverage of general population by the registry for individual patient data
Austria	8332	100
Belgium, Dutch-speaking	6162	100
Belgium, French-speaking	4505	100
Denmark	5494	100
Finland	5313	100
France	64005	53.7
Greece	11237	100
Iceland	317	100
Italy	59832	53.9
Norway	4768	100
Romania	21514	100
Spain, Andalusia	8253	100
Spain, Asturias	1083	100
Spain, Basque country	2165	100
Spain, Cantabria	586	100
Spain, Castile and Leon	2560	100
Spain, Castile-La Mancha	2062	100
Spain, Catalonia	7364	100
Spain, Extremadura	1100	100
Spain, Valencian region	5030	100
Sweden	9220	100
The Netherlands	16446	100
United Kingdom, All countries	61383	100
United Kingdom, England	51446	100
United Kingdom, Northern Ireland	1775	100
United Kingdom, Scotland	5169	100
United Kingdom, Wales	2994	100

Table A.1.2
Renal centres: total number of centres and number of collaborating centres

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry for individual patient data
Austria	76	76
Belgium, Dutch-speaking	27	27
Belgium, French-speaking	28	28
Denmark	15	15
Finland	31	31
France (16 of 26 regions)	1048	622
Greece	145	145
Iceland	1	1
Italy (13 of 20 regions)	658	283
Norway	24	24
Romania	85	85
Spain, Andalusia	56	56
Spain, Asturias	10	10
Spain, Basque country	11	11
Spain, Cantabria	2	2
Spain, Castile and Leon	25	25
Spain, Castile-La Mancha	12	12
Spain, Catalonia	45	45
Spain, Extremadura	9	9
Spain, Valencian region	47	47
Sweden	65	65
The Netherlands	61	61
United Kingdom, All countries *	75	75
United Kingdom, England	54	54
United Kingdom, Northern Ireland	6	6
United Kingdom, Scotland	11	11
United Kingdom, Wales	5	5

* *United Kingdom (Scotland) has one paediatric centre, which is not included in the counts of United Kingdom (All countries)*

Table A.2.1
Incident counts and percentages
at day 1, by age and gender

	All			0-19						20-44						45-64						65-74						75+					
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Austria	1224	753	471	15	1	7	1	8	2	121	10	75	10	46	10	385	31	252	33	133	28	371	30	243	32	128	27	332	27	176	23	156	33
Belgium, Dutch-speaking *	1162	703	459							85	7	48	7	37	8	276	24	165	23	111	24	316	27	187	27	129	28	485	42	303	43	182	40
Belgium, French-speaking *	855	549	306							74	9	46	8	28	9	250	29	174	32	76	25	219	26	134	24	85	28	312	36	195	36	117	38
Denmark	694	445	249	14	2	9	2	5	2	72	10	43	10	29	12	233	34	149	33	84	34	170	24	113	25	57	23	205	30	131	29	74	30
Finland	504	325	179	5	1	4	1	1	1	72	14	51	16	21	12	189	38	118	36	71	40	133	26	94	29	39	22	105	21	58	18	47	26
France (16 of 26 regions) §	4528	2786	1742	56	1	31	1	25	1	418	9	243	9	175	10	1228	27	774	28	454	26	1049	23	671	24	378	22	1777	39	1067	38	710	41
Greece	2239	1404	835	19	1	13	1	6	1	152	7	102	7	50	6	543	24	361	26	182	22	665	30	452	32	213	26	860	38	476	34	384	46
Iceland	23	14	9	0	0	0	0	0	0	3	13	1	7	2	22	4	17	3	21	1	11	4	17	2	14	2	22	12	52	8	57	4	44
Italy (13 of 20 regions) †	4850	3026	1824	48	1	23	1	25	1	478	10	316	10	162	9	1292	27	852	28	440	24	1271	26	820	27	451	25	1760	36	1014	34	746	41
Norway	533	361	172	8	2	5	1	3	2	72	14	47	13	25	15	189	35	122	34	67	39	126	24	86	24	40	23	138	26	101	28	37	22
Romania	2073	1164	909	37	2	14	1	23	3	408	20	253	22	155	17	938	45	530	46	408	45	488	24	249	21	239	26	202	10	118	10	84	9
Spain, Andalusia	1049	636	413	18	2	11	2	7	2	171	16	105	17	66	16	357	34	232	36	125	30	262	25	155	24	107	26	241	23	133	21	108	26
Spain, Asturias *	140	88	52							13	9	8	9	5	10	49	35	31	35	18	35	35	25	25	28	10	19	43	31	24	27	19	37
Spain, Basque country	232	150	82	4	2	3	2	1	1	33	14	18	12	15	18	68	29	48	32	20	24	72	31	50	33	22	27	55	24	31	21	24	29
Spain, Cantabria *	67	47	20							7	10	4	9	3	15	23	34	17	36	6	30	19	28	17	36	2	10	18	27	9	19	9	45
Spain, Castile and Leon *	320	224	96							27	8	18	8	9	9	89	28	62	28	27	28	96	30	72	32	24	25	108	34	72	32	36	38
Spain, Castile-La Mancha *	202	124	78							28	14	20	16	8	10	60	30	41	33	19	24	52	26	28	23	24	31	62	31	35	28	27	35
Spain, Catalonia	990	632	358	12	1	6	1	6	2	128	13	84	13	44	12	325	33	206	33	119	33	237	24	154	24	83	23	288	29	182	29	106	30
Spain, Extremadura *	148	89	59							20	14	13	15	7	12	52	35	33	37	19	32	38	26	23	26	15	25	38	26	20	22	18	31
Spain, Valencian region	681	461	220	9	1	5	1	4	2	71	10	51	11	20	9	207	30	140	30	67	30	196	29	137	30	59	27	198	29	128	28	70	32
Sweden	1126	717	409	23	2	12	2	11	3	129	11	77	11	52	13	327	29	213	30	114	28	294	26	186	26	108	26	353	31	229	32	124	30
The Netherlands	1988	1227	761	40	2	22	2	18	2	237	12	151	12	86	11	647	33	387	32	260	34	520	26	334	27	186	24	544	27	333	27	211	28
United Kingdom, All countries *	6596	4045	2551							1170	18	696	17	474	19	2228	34	1379	34	849	33	1638	25	988	24	650	25	1560	24	982	24	578	23
United Kingdom, England *	5540	3411	2129							990	18	598	18	392	18	1899	34	1174	34	725	34	1354	24	814	24	540	25	1297	23	825	24	472	22
United Kingdom, Northern Ireland *	193	112	81							29	15	13	12	16	20	58	30	36	32	22	27	55	28	35	31	20	25	51	26	28	25	23	28
United Kingdom, Scotland	549	315	234	19	3	16	5	3	1	89	16	46	15	43	18	166	30	96	30	70	30	142	26	82	26	60	26	133	24	75	24	58	25
United Kingdom, Wales *	333	223	110							62	19	39	17	23	21	105	32	73	33	32	29	87	26	57	26	30	27	79	24	54	24	25	23

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

Table A.2.2
Gender, mean age, and median age of incident patients
at day 1

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	64.5	15.1	67.2	61.5	63.8	14.8	66.4	38.5	65.5	15.6	68.6
Belgium, Dutch-speaking *	100	69.1	13.8	72.8	60.5	69.3	13.2	72.8	39.5	68.8	14.7	72.7
Belgium, French-speaking *	100	67.3	14.5	70.3	64.2	67.0	14.4	69.8	35.8	68.0	14.8	71.4
Denmark	100	64.2	16.1	67.0	64.1	64.5	15.9	67.2	35.9	63.6	16.6	66.1
Finland	100	61.4	15.7	63.8	64.5	60.9	15.9	63.9	35.5	62.3	15.4	63.7
France (16 of 26 regions) §	100	67.1	16.2	71.2	61.5	67.1	15.9	70.9	38.5	67.1	16.8	71.9
Greece	100	68.3	14.5	71.8	62.7	67.4	14.6	70.7	37.3	70.0	14.3	73.6
Iceland	100	68.1	18.5	76.1	60.9	69.9	16.6	78.2	39.1	65.3	21.9	73.9
Italy (13 of 20 regions) †	100	66.7	15.8	70.2	62.4	66.0	15.6	69.5	37.6	67.9	16.1	71.6
Norway	100	62.5	16.3	64.8	67.7	63.1	16.6	66.4	32.3	61.1	15.8	63.8
Romania	100	56.8	15.5	58.6	56.2	56.1	15.6	57.5	43.8	57.6	15.3	60.0
Spain, Andalusia	100	61.0	16.6	64.0	60.6	60.3	16.4	62.5	39.4	62.0	16.8	66.8
Spain, Asturias *	100	64.6	14.3	68.1	62.9	64.1	13.6	68.0	37.1	65.5	15.6	70.5
Spain, Basque country	100	62.3	17.3	67.1	64.7	62.2	16.7	66.4	35.3	62.5	18.5	70.0
Spain, Cantabria *	100	64.2	14.3	68.1	70.1	64.0	13.1	67.9	29.9	64.7	17.2	69.8
Spain, Castile and Leon *	100	67.1	14.3	71.2	70.0	67.1	13.9	70.6	30.0	67.1	15.3	72.4
Spain, Castile-La Mancha *	100	63.9	15.7	68.1	61.4	62.7	16.1	66.1	38.6	65.9	15.1	70.2
Spain, Catalonia	100	63.5	16.1	66.3	63.8	63.5	16.0	66.3	36.2	63.7	16.2	66.3
Spain, Extremadura *	100	63.7	14.7	65.6	60.1	62.6	14.7	64.9	39.9	65.3	14.7	66.3
Spain, Valencian region	100	64.8	15.6	68.3	67.7	64.7	15.2	67.9	32.3	65.0	16.5	69.7
Sweden	100	64.6	16.4	68.0	63.7	65.2	16.0	68.4	36.3	63.4	17.2	67.2
The Netherlands	100	63.3	16.3	66.6	61.7	63.4	16.1	66.7	38.3	63.1	16.7	66.6
United Kingdom, All countries *	100	61.7	16.1	64.3	61.3	61.9	16.2	64.4	38.7	61.3	16.1	63.9
United Kingdom, England *	100	61.5	16.1	64.0	61.6	61.7	16.3	64.2	38.4	61.2	16.0	63.7
United Kingdom, Northern Ireland *	100	64.0	16.3	66.9	58.0	65.2	15.1	67.3	42.0	62.4	17.7	65.5
United Kingdom, Scotland	100	60.8	18.1	65.2	57.4	60.6	18.6	65.0	42.6	61.1	17.4	65.4
United Kingdom, Wales *	100	61.7	16.3	64.9	67.0	62.1	16.4	64.9	33.0	61.0	16.3	64.9

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

Table A.2.3
Incident rates per million population, unadjusted
at day 1, by age and gender

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	146.9	185.7	110.1	7.9	7.3	8.7	38.8	47.8	29.7	203.1	268.7	138.9	483.5	685.7	309.9	502.8	767.8	361.9
Belgium, Dutch-speaking *	188.6	231.3	147.0				41.7	46.5	36.8	165.9	196.7	134.6	558.0	697.7	432.4	908.5	1465.8	556.3
Belgium, French-speaking *	189.8	251.3	131.8				47.8	59.2	36.3	218.5	309.3	130.7	633.3	860.8	447.0	834.9	1493.9	481.1
Denmark	126.3	163.5	89.9	10.4	13.0	7.6	39.9	47.1	32.5	157.8	201.1	114.2	353.6	490.5	227.6	534.6	885.2	314.3
Finland	94.9	124.8	66.1	4.1	6.4	1.7	42.8	59.3	25.5	124.1	155.6	92.9	284.3	436.4	154.5	252.5	399.9	173.5
France (16 of 26 regions) §	131.8	167.6	98.2	6.7	7.3	6.2	38.3	44.7	31.9	136.9	176.5	99.1	357.7	497.7	238.6	550.3	893.8	348.8
Greece	199.3	252.3	147.2	8.7	11.5	5.7	37.3	48.6	25.3	188.6	255.5	124.1	586.2	884.5	341.7	894.0	1145.4	702.7
Iceland	72.5	86.7	57.7	0	0	0	26.0	16.7	36.1	53.2	77.5	27.5	212.8	220.0	206.0	666.9	1043.8	387.2
Italy (13 of 20 regions) †	150.4	192.9	110.1	8.2	7.6	8.8	42.8	55.8	29.4	152.3	203.9	102.2	368.5	512.2	244.0	535.3	827.5	361.6
Norway	111.8	151.8	71.9	6.5	7.9	5.0	44.2	56.6	31.4	155.6	197.6	112.2	366.3	523.0	222.7	388.7	742.4	168.9
Romania	96.4	111.0	82.4	7.9	5.8	10.0	49.0	59.6	37.9	177.6	209.6	148.2	259.3	310.8	221.1	153.1	235.2	102.7
Spain, Andalusia	127.1	155.4	99.3	9.8	11.6	7.9	52.0	62.5	41.0	186.2	244.0	129.3	412.3	528.6	312.7	419.0	595.1	307.1
Spain, Asturias *	129.3	169.4	92.3				33.8	41.2	26.4	157.9	205.5	112.9	331.2	520.2	173.6	329.5	497.7	230.9
Spain, Basque country	107.2	141.7	74.2	10.9	15.9	5.6	41.3	43.9	38.5	114.7	164.7	66.3	362.4	544.3	205.9	265.8	401.4	185.1
Spain, Cantabria *	114.4	163.7	67.0				31.5	35.3	27.6	147.2	219.1	76.3	387.2	747.3	76.0	306.8	409.8	245.2
Spain, Castile and Leon *	125.0	176.3	74.4				29.7	38.4	20.5	134.0	181.9	83.4	380.2	605.0	179.8	337.7	563.7	187.4
Spain, Castile-La Mancha *	98.0	119.0	76.5				34.6	47.0	20.9	130.7	174.6	84.8	312.3	360.5	270.1	314.2	425.6	234.6
Spain, Catalonia	134.4	172.6	96.7	8.4	8.2	8.7	43.2	54.4	31.0	182.6	234.3	132.1	403.9	564.9	264.2	472.8	791.7	279.5
Spain, Extremadura *	134.5	162.7	106.7				49.8	63.1	35.8	197.4	243.9	148.3	382.7	499.4	281.8	348.7	464.7	273.0
Spain, Valencian region	135.4	183.8	87.3	9.1	9.8	8.3	35.4	48.9	20.8	169.8	232.8	108.4	453.4	669.1	259.3	519.6	853.7	302.9
Sweden	122.1	156.4	88.2	10.5	10.7	10.4	42.8	50.0	35.2	136.5	176.5	95.9	355.2	463.2	253.5	441.7	725.6	256.5
The Netherlands	120.9	150.8	91.6	10.2	10.9	9.4	42.7	54.0	31.2	143.3	170.4	115.9	390.1	521.0	268.8	489.9	803.5	303.2
United Kingdom, All countries *	107.5	134.2	81.7				55.0	65.1	44.7	144.4	181.6	108.3	317.7	403.7	240.0	326.7	524.1	199.2
United Kingdom, England *	107.7	134.7	81.5				55.2	66.2	44.0	147.8	185.5	111.2	316.8	400.0	241.2	323.3	521.4	194.3
United Kingdom, Northern Ireland *	108.7	128.6	89.6				46.4	41.7	51.0	138.8	175.1	103.6	405.6	551.2	277.4	450.1	657.3	325.3
United Kingdom, Scotland	106.2	126.0	87.7	16.1	26.5	5.2	50.7	53.2	48.3	120.3	142.9	98.8	306.5	384.4	240.0	338.2	508.1	236.1
United Kingdom, Wales *	111.2	152.6	71.8				65.2	82.7	48.0	133.7	189.7	79.9	308.1	420.7	204.2	307.3	534.1	160.3

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

Table A.2.4
Incident rates per million population, unadjusted
at day 1, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	146.9	100	15.2	10.4	6.2	4.2	4.1	2.8	4.8	3.3	42.1	28.7	46.9	31.9	10.6	7.2	21.0	14.3	25.7	17.5	17.2	11.7	0	0
Belgium, Dutch-speaking *	188.6	100	17.2	9.1	10.2	5.4	11.2	5.9	3.7	2.0	39.8	21.1	43.5	23.1	14.0	7.4	36.8	19.5	35.9	19.0	19.8	10.5	0	0
Belgium, French-speaking *	189.8	100	20.6	10.9	11.8	6.2	7.5	4.0	2.2	1.2	41.7	22.0	43.9	23.2	34.8	18.4	11.1	5.8	47.1	24.8	12.9	6.8	0	0
Denmark	126.3	100	10.4	8.2	5.6	4.5	5.5	4.3	11.6	9.2	17.1	13.5	28.8	22.8	17.8	14.1	0.4	0.3	31.1	24.6	26.8	21.2	0	0
Finland	94.9	100	13.2	13.9	4.7	5.0	7.9	8.3	13.6	14.3	18.1	19.0	31.6	33.3	4.3	4.6	1.9	2.0	16.2	17.1	15.1	15.9	0	0
France (16 of 26 regions) §	131.8	100	15.6	11.9	5.9	4.5	8.4	6.4					28.6	21.7	31.8	24.1	2.4	1.8	21.1	16.0	17.8	13.5	0	0
Greece	199.3	100	15.6	7.8	11.7	5.9	6.7	3.3	3.2	1.6	54.8	27.5	58.0	29.1	21.1	10.6	3.3	1.7	18.6	9.3	64.3	32.3	0	0
Iceland	72.5	100	9.5	13.0	9.5	13.0	0	0	6.3	8.7	6.3	8.7	12.6	17.4	15.8	21.7	15.8	21.7	9.5	13.0	0	0	0	0
Italy (13 of 20 regions) †	150.4	100	17.6	11.7	9.3	6.2	7.2	4.8					28.7	19.1	26.2	17.4	9.7	6.5	20.2	13.4	24.7	16.4	6.8	4.5
Norway	111.8	100	21.8	19.5	7.6	6.8	7.3	6.6	7.6	6.8	12.8	11.4	20.3	18.2	25.4	22.7	2.9	2.6	22.4	20.1	4.0	3.6	0	0
Romania	96.4	100	14.2	14.8	9.5	9.8	4.3	4.5					12.0	12.5	5.5	5.7	0.9	1.0	17.8	18.4	32.1	33.3	0	0
Spain, Andalusia	127.1	100	18.3	14.4	14.5	11.4	8.8	7.0					25.9	20.4	13.2	10.4	5.7	4.5	16.1	12.7	24.5	19.3	0	0
Spain, Asturias *	129.3	100	9.2	7.1	5.5	4.3	9.2	7.1	0	0	24.9	19.3	24.9	19.3	18.5	14.3	5.5	4.3	19.4	15.0	36.9	28.6	0	0
Spain, Basque country	107.2	100	11.1	10.3	6.5	6.0	6.0	5.6	2.8	2.6	17.1	15.9	19.9	18.5	15.7	14.7	2.8	2.6	24.0	22.4	15.2	14.2	6.0	5.6
Spain, Cantabria *	114.4	100	17.1	14.9	5.1	4.5	17.1	14.9	3.4	3.0	23.9	20.9	27.3	23.9	13.7	11.9	18.8	16.4	8.5	7.5	6.8	6.0	0	0
Spain, Castile and Leon *	125.0	100	14.5	11.6	9.8	7.8	8.6	6.9	13.3	10.6	18.4	14.7	31.6	25.3	15.2	12.2	7.8	6.3	16.0	12.8	21.5	17.2	0	0
Spain, Castile-La Mancha *	98.0	100	15.0	15.3	6.3	6.4	7.8	7.9					27.6	28.2	7.3	7.4	1.0	1.0	9.7	9.9	23.3	23.8	0	0
Spain, Catalonia	134.4	100	15.8	11.7	10.9	8.1	11.3	8.4	3.1	2.3	23.9	17.8	27.0	20.1	13.7	10.2	5.3	3.9	14.5	10.8	36.0	26.8	0	0
Spain, Extremadura *	134.5	100	30.9	23.0	8.2	6.1	7.3	5.4					37.3	27.7	10.0	7.4	1.8	1.4	12.7	9.5	26.4	19.6	0	0
Spain, Valencian region	135.4	100	16.7	12.3	11.3	8.4	9.5	7.0					21.7	16.0	24.9	18.4	8.0	5.9	14.1	10.4	29.2	21.6	0	0
Sweden	122.1	100	14.1	11.5	5.0	4.1	8.8	7.2	11.1	9.1	17.9	14.7	29.0	23.7	15.6	12.8	9.7	7.9	22.3	18.3	17.7	14.5	0	0
The Netherlands	120.9	100	8.6	7.1	3.9	3.2	5.5	4.5	4.7	3.9	17.1	14.2	21.8	18.1	13.6	11.3	16.4	13.6	21.2	17.6	14.2	11.8	15.6	12.9
United Kingdom, All countries *	107.5	100	12.6	11.7	7.2	6.7	6.5	6.0					22.2	20.6	5.6	5.2	4.7	4.4	16.5	15.3	22.7	21.2	9.4	8.8
United Kingdom, England *	107.7	100	12.2	11.3	7.2	6.7	6.5	6.0	10.1	9.4	11.5	10.7	21.6	20.1	5.6	5.2	4.3	4.0	16.0	14.9	23.1	21.4	11.2	10.4
United Kingdom, Northern Ireland *	108.7	100	14.6	13.5	6.2	5.7	9.6	8.8					22.0	20.2	5.6	5.2	4.5	4.1	20.8	19.2	25.4	23.3	0	0
United Kingdom, Scotland	106.2	100	13.7	12.9	8.5	8.0	6.0	5.6	17.2	16.2	7.0	6.6	24.2	22.8	6.4	6.0	7.9	7.5	20.7	19.5	18.6	17.5	0.2	0.2
United Kingdom, Wales *	111.2	100	17.0	15.3	5.3	4.8	5.7	5.1	21.4	19.2	7.7	6.9	29.1	26.1	4.7	4.2	6.3	5.7	18.0	16.2	23.4	21.0	1.7	1.5

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

Table A.2.5
Incident rates per million population, adjusted
at day 1, by cause of renal failure, adjusted for age and gender

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	148.7	15.8	6.3	4.3	5.1	42.5	47.6	10.6	20.9	25.9	17.3	0
Belgium, Dutch-speaking *	172.7	16.0	9.3	10.8	3.7	36.5	40.2	12.5	32.7	33.1	18.1	0
Belgium, French-speaking *	193.5	21.2	11.9	7.8	2.3	43.4	45.7	34.4	11.1	48.3	13.1	0
Denmark	126.8	10.5	5.6	5.5	11.5	16.7	28.2	18.1	0.4	30.9	27.6	0
Finland	92.1	12.7	4.5	7.3	14.2	16.9	31.1	4.2	1.9	15.5	15.0	0
France (16 of 26 regions) §	122.5	15.1	5.7	8.4			27.1	27.8	2.1	20.1	16.3	0
Greece	180.1	14.6	10.2	6.4	3.2	48.9	52.0	19.0	2.8	17.4	57.6	0
Iceland	89.1	12.6	12.3	0	6.1	9.6	15.7	18.7	18.7	11.1	0	0
Italy (13 of 20 regions) †	127.8	16.2	8.0	6.6			24.4	21.2	7.6	17.6	20.6	5.7
Norway	118.5	22.8	7.9	7.7	7.7	13.5	21.1	28.0	2.9	23.9	4.2	0
Romania	98.9	14.2	9.7	4.5			12.4	5.8	1.0	18.2	33.2	0
Spain, Andalusia	136.2	18.9	15.4	9.5			28.4	14.6	6.2	17.2	26.1	0
Spain, Asturias *	107.3	7.8	4.8	8.0	0	21.5	21.5	14.8	3.9	16.8	29.6	0
Spain, Basque country	97.5	10.0	6.1	5.4	2.6	15.8	18.4	13.8	2.3	22.0	13.9	5.5
Spain, Cantabria *	106.1	16.2	5.1	15.7	3.2	23.7	26.9	11.7	16.5	8.1	6.0	0
Spain, Castile and Leon *	102.1	12.8	8.2	7.7	11.6	15.2	26.8	11.1	5.4	13.3	17.0	0
Spain, Castile-La Mancha *	97.6	15.2	5.9	8.8			28.2	6.8	1.1	9.5	22.2	0
Spain, Catalonia	135.3	15.8	11.2	11.5	3.0	24.8	27.9	13.5	5.2	14.6	35.5	0
Spain, Extremadura *	128.8	31.2	7.4	7.0			34.7	9.0	1.6	12.7	25.3	0
Spain, Valencian region	135.7	16.5	11.4	9.8			22.0	24.5	7.9	14.2	29.5	0
Sweden	116.4	13.9	4.7	8.7	11.0	17.0	27.9	14.4	8.7	21.3	16.8	0
The Netherlands	125.0	8.6	4.2	5.5	4.6	17.8	22.4	14.4	17.6	21.7	15.0	15.7
United Kingdom, All countries *	109.2	12.9	7.2	6.6			22.7	5.7	4.7	16.7	23.0	9.6
United Kingdom, England *	109.8	12.5	7.3	6.7	10.4	11.7	22.2	5.7	4.3	16.3	23.5	11.4
United Kingdom, Northern Ireland *	121.8	16.0	6.7	10.6			24.4	6.5	5.3	23.6	28.7	0
United Kingdom, Scotland	105.8	13.6	8.4	5.9	17.5	6.9	24.3	6.3	8.0	20.4	18.7	0.2
United Kingdom, Wales *	106.5	17.0	5.2	5.7	20.7	7.1	27.8	4.4	5.3	17.3	22.1	1.6

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown

Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

Table A.3.1
Incident counts and percentages
at day 91, by age and gender

	All			0-19						20-44						45-64						65-74						75+					
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Austria	1114	693	421	15	1	7	1	8	2	112	10	69	10	43	10	364	33	237	34	127	30	330	30	223	32	107	25	293	26	157	23	136	32
Belgium, Dutch-speaking *	1058	646	412							75	7	42	7	33	8	259	24	158	24	101	25	287	27	171	26	116	28	437	41	275	43	162	39
Belgium, French-speaking *	776	498	278							71	9	43	9	28	10	231	30	163	33	68	24	197	25	117	23	80	29	277	36	175	35	102	37
Denmark	642	415	227	13	2	9	2	4	2	72	11	43	10	29	13	210	33	137	33	73	32	158	25	105	25	53	23	189	29	121	29	68	30
Finland	498	322	176	5	1	4	1	1	1	72	14	51	16	21	12	182	37	111	34	71	40	137	28	98	30	39	22	102	20	58	18	44	25
France (16 of 26 regions) § ‡	4239	2610	1629	54	1	30	1	24	1	402	9	236	9	166	10	1162	27	733	28	429	26	968	23	612	23	356	22	1652	39	999	38	653	40
Greece	1986	1261	725	18	1	12	1	6	1	146	7	98	8	48	7	512	26	339	27	173	24	589	30	400	32	189	26	721	36	412	33	309	43
Iceland	22	13	9	0	0	0	0	0	0	3	14	1	8	2	22	4	18	3	23	1	11	4	18	2	15	2	22	11	50	7	54	4	44
Italy (13 of 20 regions) † ‡	4571	2859	1712	48	1	23	1	25	1	466	10	307	11	159	9	1245	27	816	29	429	25	1197	26	775	27	422	25	1614	35	938	33	676	40
Norway	506	343	163	7	1	4	1	3	2	73	14	48	14	25	15	181	36	117	34	64	39	116	23	80	23	36	22	129	25	94	27	35	21
Romania	1925	1083	842	33	2	14	1	19	2	396	21	242	22	154	18	881	46	505	47	376	45	445	23	224	21	221	26	170	9	98	9	72	9
Spain, Andalusia	987	603	384	17	2	10	2	7	2	161	16	100	17	61	16	342	35	223	37	119	31	239	24	138	23	101	26	228	23	132	22	96	25
Spain, Asturias * ‡	135	84	51							12	9	7	8	5	10	49	36	31	37	18	36	31	23	22	27	9	17	43	32	24	28	19	38
Spain, Basque country	211	138	73	4	2	3	2	1	1	32	15	17	12	15	21	62	29	44	32	18	25	62	29	41	30	21	29	51	24	33	24	18	25
Spain, Cantabria *	65	46	19							7	11	4	9	3	16	21	32	15	33	6	32	20	31	18	39	2	11	17	26	9	20	8	42
Spain, Castile and Leon *	313	219	94							27	9	18	8	9	10	83	27	59	27	24	26	95	30	70	32	25	27	108	35	72	33	36	38
Spain, Castile-La Mancha *	208	129	79							29	14	20	16	9	11	60	29	41	32	19	24	52	25	28	22	24	30	67	32	40	31	27	34
Spain, Catalonia ‡	947	609	338	11	1	5	1	6	2	128	14	84	14	44	13	308	33	197	32	111	33	226	24	145	24	81	24	275	29	178	29	96	29
Spain, Extremadura * ‡	133	80	54							19	14	13	16	6	11	50	38	31	39	19	35	31	23	17	22	13	25	34	25	18	23	15	29
Spain, Valencian region	649	438	211	9	1	5	1	4	2	68	10	48	11	20	9	202	31	136	31	66	31	179	28	123	28	56	27	191	29	126	29	65	31
Sweden	978	620	358	20	2	11	2	9	3	125	13	75	12	50	14	286	29	183	30	103	29	260	27	162	26	98	27	287	29	189	30	98	27
The Netherlands	1792	1096	696	36	2	19	2	17	2	221	12	140	13	81	12	587	33	347	32	240	34	462	26	295	27	167	24	486	27	295	27	191	27
United Kingdom, All countries *	6125	3764	2361							1131	18	670	18	461	20	2110	34	1309	35	801	34	1489	24	900	24	589	25	1395	23	885	24	510	22
United Kingdom, England *	5151	3176	1975							959	19	576	18	383	19	1809	35	1121	35	688	35	1233	24	744	23	489	25	1150	22	735	23	415	21
United Kingdom, Northern Ireland *	178	106	72							28	16	13	12	15	21	49	28	31	29	18	25	52	29	34	32	18	25	49	28	28	26	21	29
United Kingdom, Scotland	508	294	214	17	3	15	5	2	1	87	17	46	16	41	19	153	30	89	30	64	30	126	25	72	24	54	25	125	25	72	24	53	25
United Kingdom, Wales *	306	204	102							58	19	36	18	22	22	99	32	68	33	31	30	78	25	50	25	28	27	71	23	50	25	21	21

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91 are estimated (see methods)

Table A.3.2
Gender, mean age, and median age of incident patients
at day 91

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	64.2	15.3	67.1	62.2	63.7	14.8	66.4	37.8	64.9	16.0	68.1
Belgium, Dutch-speaking *	100	69.0	13.9	72.4	61.1	69.2	13.4	72.2	38.9	68.7	14.7	72.7
Belgium, French-speaking *	100	67.1	14.6	70.4	64.2	67.0	14.4	70.0	35.8	67.5	15.1	71.1
Denmark	100	64.2	16.3	67.1	64.6	64.4	16.1	67.4	35.4	63.7	16.7	66.2
Finland	100	61.5	15.7	63.6	64.7	61.1	15.9	63.8	35.3	62.3	15.4	63.5
France (16 of 26 regions) § ‡	100	66.9	16.3	71.2	61.6	66.9	16.0	71.0	38.4	66.8	16.8	71.5
Greece	100	67.6	14.7	71.0	63.5	66.8	14.7	70.3	36.5	69.0	14.5	72.3
Iceland	100	67.5	18.6	75.2	59.1	68.9	16.6	78.4	40.9	65.5	21.9	74.1
Italy (13 of 20 regions) † ‡	100	66.4	15.7	70.0	62.5	65.8	15.4	69.3	37.5	67.5	16.3	71.3
Norway	100	62.2	16.4	64.5	67.8	62.9	16.7	66.0	32.2	60.8	15.9	63.7
Romania	100	56.4	15.3	58.4	56.3	55.6	15.5	57.2	43.7	57.5	15.1	59.9
Spain, Andalusia	100	60.8	16.6	63.8	61.1	60.2	16.5	62.4	38.9	61.7	16.8	65.7
Spain, Asturias * ‡	100	65.9	14.0	68.7	62.4	64.9	13.3	68.3	37.6	67.6	15.3	71.7
Spain, Basque country	100	61.6	17.7	65.9	65.4	61.9	17.2	66.0	34.6	61.1	18.6	65.9
Spain, Cantabria *	100	64.3	14.3	68.3	70.8	64.4	13.1	68.2	29.2	64.0	17.1	69.5
Spain, Castile and Leon *	100	67.2	14.3	71.4	70.0	67.2	13.9	70.7	30.0	67.2	15.4	72.7
Spain, Castile-La Mancha *	100	64.4	15.8	68.9	62.0	63.5	16.1	67.4	38.0	65.8	15.2	70.2
Spain, Catalonia ‡	100	63.6	15.7	65.6	64.3	63.3	15.4	65.3	35.7	64.2	16.3	67.2
Spain, Extremadura * ‡	100	62.7	15.3	64.2	59.8	61.4	15.2	63.4	40.3	64.5	15.4	65.2
Spain, Valencian region	100	64.5	15.7	68.0	67.5	64.5	15.3	67.8	32.5	64.6	16.5	69.5
Sweden	100	63.7	16.6	66.9	63.4	64.3	16.4	67.3	36.6	62.7	17.0	66.3
The Netherlands	100	63.0	16.3	66.4	61.2	63.2	16.1	66.4	38.8	62.8	16.7	65.5
United Kingdom, All countries *	100	61.2	16.2	63.6	61.5	61.5	16.2	64.0	38.5	60.7	16.1	63.3
United Kingdom, England *	100	61.0	16.1	63.2	61.7	61.2	16.3	63.4	38.3	60.6	15.9	62.8
United Kingdom, Northern Ireland *	100	64.1	16.6	67.2	59.6	65.4	15.4	67.8	40.4	62.3	18.2	65.6
United Kingdom, Scotland	100	60.5	18.2	64.3	57.9	60.1	18.8	64.1	42.1	61.0	17.3	64.8
United Kingdom, Wales *	100	61.4	16.3	64.8	66.7	62.0	16.3	64.9	33.3	60.3	16.4	64.0

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

Table A.3.3
Incident rates per million population, unadjusted
at day 91, by age and gender

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	133.7	170.9	98.4	7.9	7.3	8.7	35.9	43.9	27.7	192.0	252.7	132.6	430.0	629.3	259.1	443.8	685.0	315.5
Belgium, Dutch-speaking *	171.7	212.5	132.0				36.8	40.7	32.8	155.7	188.3	122.5	506.8	638.0	388.9	818.6	1330.3	495.2
Belgium, French-speaking *	172.2	228.0	119.8				45.8	55.3	36.3	201.9	289.7	117.0	569.6	751.6	420.7	741.2	1340.7	419.5
Denmark	116.9	152.4	81.9	9.6	13.0	6.1	39.9	47.1	32.5	142.2	184.9	99.2	328.6	455.7	211.6	492.9	817.6	288.8
Finland	93.7	123.6	65.0	4.1	6.4	1.7	42.8	59.3	25.5	119.5	146.3	92.9	292.9	455.0	154.5	245.2	399.9	162.4
France (16 of 26 regions) § ‡	123.4	157.1	91.8	6.5	7.1	5.9	36.9	43.4	30.4	129.6	167.2	93.5	330.1	453.7	225.0	511.7	836.8	321.0
Greece	176.7	226.6	127.8	8.2	10.6	5.7	35.8	46.7	24.3	177.8	239.9	118.0	519.2	782.7	303.2	749.5	991.4	565.5
Iceland	69.3	80.5	57.7	0	0	0	26.0	16.7	36.1	53.2	77.5	27.5	212.8	220.0	206.0	611.3	913.4	387.2
Italy (13 of 20 regions) † ‡	141.7	182.3	103.3	8.2	7.6	8.8	41.8	54.3	28.9	146.7	195.2	99.7	347.0	483.9	228.5	490.8	765.2	327.9
Norway	106.1	144.3	68.2	5.7	6.4	5.0	44.9	57.8	31.4	149.0	189.5	107.2	337.2	486.6	200.5	363.3	691.0	159.8
Romania	89.5	103.3	76.3	7.0	5.8	8.3	47.5	57.0	37.7	166.8	199.7	136.6	236.4	279.6	204.4	128.8	195.3	88.0
Spain, Andalusia	119.6	147.3	92.3	9.3	10.6	7.9	48.9	59.5	37.9	178.4	234.5	123.1	376.1	470.6	295.2	396.4	590.6	272.9
Spain, Asturias * ‡	124.4	161.7	90.0				31.2	36.0	26.4	157.9	205.5	112.9	293.4	464.8	150.4	326.9	490.8	230.9
Spain, Basque country	97.5	130.3	66.0	10.9	15.9	5.6	40.0	41.5	38.5	104.6	150.9	59.7	312.1	446.4	196.6	246.5	427.3	138.8
Spain, Cantabria *	111.0	160.2	63.6				31.5	35.3	27.6	134.4	193.3	76.3	407.6	791.2	76.0	289.8	409.8	218.0
Spain, Castile and Leon *	122.2	172.3	72.9				29.7	38.4	20.5	124.9	173.1	74.2	376.2	588.2	187.3	337.7	563.7	187.4
Spain, Castile-La Mancha *	100.9	123.8	77.5				35.9	47.0	23.5	130.7	174.6	84.8	312.3	360.5	270.1	339.6	486.4	234.6
Spain, Catalonia ‡	128.6	166.4	91.3	7.5	6.4	8.7	43.2	54.4	31.0	173.0	224.5	122.8	385.1	531.8	257.8	450.9	775.8	254.0
Spain, Extremadura * ‡	121.2	145.7	97.0				47.3	63.1	30.7	189.8	229.1	148.3	308.9	376.4	250.5	309.0	426.0	232.6
Spain, Valencian region	129.0	174.6	83.7	9.1	9.8	8.3	33.9	46.0	20.8	165.7	226.1	106.8	414.1	600.7	246.1	501.2	840.4	281.2
Sweden	106.1	135.3	77.2	9.2	9.8	8.5	41.4	48.7	33.9	119.4	151.6	86.7	314.2	403.4	230.0	359.1	598.9	202.7
The Netherlands	109.0	134.7	83.7	9.1	9.4	8.8	39.8	50.1	29.4	130.0	152.8	106.9	346.6	460.2	241.4	437.7	711.8	274.4
United Kingdom, All countries *	99.8	124.8	75.6				53.1	62.7	43.5	136.7	172.4	102.2	288.8	367.8	217.5	292.1	472.3	175.8
United Kingdom, England *	100.1	125.4	75.6				53.4	63.7	43.0	140.8	177.1	105.6	288.5	365.6	218.4	286.7	464.5	170.8
United Kingdom, Northern Ireland *	100.3	121.7	79.6				44.8	41.7	47.8	117.2	150.8	84.7	383.5	535.4	249.7	432.5	657.3	297.0
United Kingdom, Scotland	98.3	117.6	80.2	14.4	24.9	3.5	49.6	53.2	46.1	110.8	132.5	90.3	272.0	337.6	216.0	317.8	487.8	215.7
United Kingdom, Wales *	102.2	139.6	66.6				61.0	76.3	45.9	126.0	176.7	77.4	276.2	369.0	190.6	276.2	494.6	134.6

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

Table A.3.4
Incident rates per million population, unadjusted
at day 91, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	133.7	100	14.8	11.0	5.9	4.4	4.1	3.1	4.6	3.4	38.4	28.7	43.0	32.1	10.0	7.5	19.4	14.5	21.8	16.3	14.8	11.0	0	0
Belgium, Dutch-speaking *	171.7	100	15.9	9.3	9.9	5.8	11.0	6.4	3.7	2.2	37.0	21.6	40.7	23.7	13.6	7.9	32.1	18.7	30.8	18.0	17.5	10.2	0	0
Belgium, French-speaking *	172.2	100	19.1	11.1	11.3	6.6	7.5	4.4	1.8	1.0	38.4	22.3	40.2	23.3	31.5	18.3	9.3	5.4	41.7	24.2	11.5	6.7	0	0
Denmark	116.9	100	9.6	8.3	5.6	4.8	5.5	4.7	10.9	9.3	16.0	13.7	26.9	23.1	16.6	14.2	0.4	0.3	28.4	24.3	23.8	20.4	0	0
Finland	93.7	100	13.2	14.1	4.7	5.0	7.9	8.4	13.6	14.5	17.7	18.9	31.2	33.3	4.3	4.6	1.7	1.8	15.8	16.9	14.9	15.9	0	0
France (16 of 26 regions) § ‡	123.4	100	15.0	12.2	5.7	4.7	8.4	6.8					26.7	21.7	29.9	24.2	2.2	1.8	19.3	15.6	16.1	13.1	0	0
Greece	176.7	100	14.8	8.4	9.9	5.6	6.7	3.8	3.1	1.8	50.5	28.5	53.6	30.3	19.1	10.8	2.9	1.7	15.7	8.9	54.1	30.6	0	0
Iceland	69.3	100	9.5	13.6	9.5	13.6	0	0	6.3	9.1	6.3	9.1	12.6	18.2	12.6	18.2	15.8	22.7	9.5	13.6	0	0	0	0
Italy (13 of 20 regions) † ‡	141.7	100	17.4	12.3	8.9	6.3	7.1	5.0					27.5	19.4	24.8	17.5	9.0	6.3	18.6	13.1	22.2	15.7	6.3	4.4
Norway	106.1	100	21.2	20.0	7.6	7.1	7.3	6.9	7.3	6.9	11.7	11.1	19.1	18.0	24.1	22.7	2.7	2.6	20.6	19.4	3.6	3.4	0	0
Romania	89.5	100	14.0	15.6	9.2	10.3	4.3	4.8					11.1	12.4	5.1	5.7	0.9	1.0	15.8	17.7	29.1	32.6	0	0
Spain, Andalusia	119.6	100	17.6	14.7	13.6	11.3	8.7	7.3					24.7	20.7	12.7	10.6	5.2	4.4	14.3	12.0	22.8	19.0	0	0
Spain, Asturias * ‡	124.4	100	9.2	7.4	5.5	4.5	9.2	7.4	0	0	23.7	19.1	23.7	19.1	17.2	13.9	5.5	4.5	19.4	15.6	34.5	27.7	0	0
Spain, Basque country	97.5	100	11.1	11.4	5.5	5.7	6.0	6.2	2.8	2.8	15.2	15.6	18.0	18.5	14.3	14.7	2.8	2.8	19.9	20.4	14.3	14.7	5.5	5.7
Spain, Cantabria *	111.0	100	17.1	15.4	5.1	4.6	17.1	15.4	3.4	3.1	23.9	21.5	27.3	24.6	12.0	10.8	18.8	16.9	8.5	7.7	5.1	4.6	0	0
Spain, Castile and Leon *	122.2	100	13.7	11.2	9.4	7.7	8.6	7.0	13.3	10.9	18.4	15.0	31.6	25.9	14.5	11.8	7.4	6.1	15.6	12.8	21.5	17.6	0	0
Spain, Castile-La Mancha *	100.9	100	15.0	14.9	6.8	6.7	7.8	7.7					28.1	27.9	7.8	7.7	1.0	1.0	10.2	10.1	24.2	24.0	0	0
Spain, Catalonia ‡	128.6	100	15.6	12.1	10.3	8.0	11.1	8.6	3.1	2.4	22.6	17.6	25.8	20.0	13.7	10.7	5.1	4.0	12.9	10.0	34.2	26.6	0	0
Spain, Extremadura * ‡	121.2	100	29.7	24.5	7.0	5.8	7.3	6.0					33.6	27.8	10.0	8.3	0.6	0.5	10.3	8.5	22.7	18.8	0	0
Spain, Valencian region	129.0	100	16.5	12.8	10.9	8.5	9.5	7.4					20.1	15.6	23.3	18.0	8.0	6.2	13.1	10.2	27.6	21.4	0	0
Sweden	106.1	100	12.5	11.8	4.7	4.4	8.5	8.0	10.5	9.9	15.6	14.7	26.1	24.6	14.1	13.3	8.1	7.7	17.2	16.3	14.9	14.0	0	0
The Netherlands	109.0	100	7.9	7.3	3.6	3.3	5.5	5.0	4.6	4.2	15.9	14.6	20.4	18.8	12.8	11.8	14.8	13.6	17.4	16.0	12.5	11.4	14.0	12.8
United Kingdom, All countries *	99.8	100	12.3	12.3	6.8	6.8	6.4	6.4					21.0	21.1	5.3	5.3	4.2	4.2	14.5	14.5	20.9	20.9	8.5	8.5
United Kingdom, England *	100.1	100	11.9	11.8	6.8	6.8	6.4	6.4	9.7	9.7	10.8	10.8	20.6	20.5	5.2	5.2	3.8	3.8	14.2	14.2	21.2	21.1	10.0	10.0
United Kingdom, Northern Ireland *	100.3	100	14.6	14.6	6.2	6.2	9.6	9.6					20.8	20.8	5.6	5.6	3.9	3.9	16.9	16.9	22.5	22.5	0	0
United Kingdom, Scotland	98.3	100	13.3	13.6	8.1	8.3	6.0	6.1	15.3	15.6	6.4	6.5	21.7	22.0	6.4	6.5	6.6	6.7	18.4	18.7	17.6	17.9	0.2	0.2
United Kingdom, Wales *	102.2	100	16.4	16.0	5.0	4.9	5.7	5.6	20.4	19.9	7.3	7.2	27.7	27.1	4.7	4.6	6.3	6.2	13.4	13.1	21.4	20.9	1.7	1.6

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

Table A.3.5
Incident rates per million population, adjusted
at day 91, by cause of renal failure, adjusted for age and gender

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	135.8	15.5	5.9	4.3	4.9	38.7	43.6	10.0	19.4	22.1	15.0	0
Belgium, Dutch-speaking *	157.2	14.9	9.0	10.6	3.7	33.8	37.5	12.1	28.5	28.4	16.0	0
Belgium, French-speaking *	175.5	19.7	11.4	7.8	1.8	39.9	41.8	30.9	9.4	42.8	11.7	0
Denmark	117.2	9.7	5.6	5.5	10.7	15.7	26.4	16.8	0.4	28.2	24.4	0
Finland	91.2	12.7	4.5	7.3	14.3	16.6	30.8	4.2	1.7	15.1	14.8	0
France (16 of 26 regions) § ‡	114.8	14.5	5.5	8.3			25.3	26.0	1.9	18.4	14.7	0
Greece	159.5	13.8	8.8	6.4	3.1	45.0	48.1	17.2	2.5	14.6	48.2	0
Iceland	86.0	12.6	12.3	0	6.1	9.6	15.7	15.9	18.5	11.0	0	0
Italy (13 of 20 regions) † ‡	120.8	16.0	7.7	6.5			23.3	20.1	7.1	16.3	18.6	5.3
Norway	112.2	22.1	7.8	7.8	7.5	12.1	19.6	26.7	2.7	21.7	3.8	0
Romania	91.6	13.9	9.4	4.4			11.4	5.4	0.9	16.1	30.0	0
Spain, Andalusia	128.1	18.3	14.3	9.3			27.1	14.0	5.6	15.2	24.3	0
Spain, Asturias * ‡	102.8	7.8	4.8	8.0	0	20.5	20.5	13.4	4.1	16.8	27.5	0
Spain, Basque country	88.6	10.0	5.1	5.4	2.6	14.1	16.8	12.6	2.3	18.3	13.0	5.1
Spain, Cantabria *	103.2	16.1	5.1	15.7	3.2	24.1	27.4	9.9	16.4	8.1	4.6	0
Spain, Castile and Leon *	99.7	12.1	7.8	7.8	11.6	15.0	26.6	10.4	5.1	13.0	16.8	0
Spain, Castile-La Mancha *	99.3	15.2	6.2	8.7			28.3	7.1	1.1	9.8	22.9	0
Spain, Catalonia ‡	129.3	15.6	10.6	11.3	3.0	23.7	26.8	13.5	5.0	12.9	33.6	0
Spain, Extremadura * ‡	116.6	29.9	6.4	7.0			31.8	9.0	0.9	10.7	21.5	0
Spain, Valencian region	129.4	16.4	11.1	9.7			20.4	22.9	7.8	13.3	27.7	0
Sweden	101.6	12.4	4.4	8.4	10.5	14.8	25.3	13.0	7.3	16.5	14.2	0
The Netherlands	112.6	7.9	3.9	5.5	4.5	16.4	21.0	13.5	15.9	17.9	13.2	14.0
United Kingdom, All countries *	101.4	12.5	6.8	6.6			21.5	5.4	4.2	14.7	21.1	8.6
United Kingdom, England *	102.1	12.1	6.9	6.6	10.1	11.0	21.1	5.3	3.9	14.6	21.5	10.2
United Kingdom, Northern Ireland *	112.3	16.1	6.7	10.7			23.2	6.5	4.6	19.2	25.5	0
United Kingdom, Scotland	97.9	13.2	8.1	5.9	15.5	6.3	21.7	6.3	6.6	18.1	17.6	0.2
United Kingdom, Wales *	98.0	16.2	4.9	5.7	19.8	6.7	26.6	4.4	5.5	12.7	20.4	1.6

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown

Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

Table A.3.6
Incident counts
at day 91, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		N	N	N	N	N	N	N	N	N	N	N	N	N	N		
Austria	1114	849	0	0	1	107	957	26	92	0	118	24	14	1	39	0	0
Belgium, Dutch-speaking *	1058	636	1	49	3	235	924	65	58	0	123	5	6	0	11	0	0
Belgium, French-speaking *	776	656	8	0	2	25	691	42	23	0	65	3	14	0	17	0	3
Denmark	642	432	0	0			432	117	68	0	185	15	8	0	23	2	0
Finland	498	328	14	0	0	3	345	83	66	0	149	2	1	1	4	0	0
France (16 of 26 regions) § ‡	4239	3316	3	0	9	160	3488	201	347	1	549	28	179	0	208	0	0
Greece	1986	1724	0	0	0	70	1794	60	126	0	186	6	0	0	6	0	0
Iceland	22	12	0	0	0	0	12			9	9	1	0	0	1	0	0
Italy (13 of 20 regions) † ‡	4571	2572	0	830	39	266	3708	305	396	0	701	18	29	116	163	0	0
Norway	506	344	0	0			344			88	88	37	36	0	73	1	0
Romania	1925	1549	0	0			1549	0	341	0	341			35	35	0	0
Spain, Andalusia	987	844	0	0			844			118	118			25	25	0	0
Spain, Asturias * ‡	135	106	0	0			106	0	22	0	22	0	5	0	5	1	0
Spain, Basque country	211	164	0	0			164	0	44	0	44	0	3	0	3	0	0
Spain, Cantabria *	65	52	0	0			52	1	9	0	10	1	2	0	3	0	0
Spain, Castile and Leon *	313	252	1	0			253	18	41	0	59	0	1	0	1	0	0
Spain, Castile-La Mancha *	208	180	0	0			180	5	20	0	25			3	3	0	0
Spain, Catalonia ‡	947	786	0	0			786	52	56	0	108	29	24	0	53	0	0
Spain, Extremadura * ‡	133	109	0	0	0	0	109	11	13	0	24	0	0	0	0	1	0
Spain, Valencian region	649	590	1	0			591	2	48	0	50	0	7	1	8	0	0
Sweden	978		5	580			585			343	343	38	12	0	50	0	0
The Netherlands	1792	1218	0	0			1218	104	295	0	399	150	25	0	175	0	0
United Kingdom, All countries *	6125	4414	5	19	4	40	4482	412	807	11	1230	152	115	102	369	44	0
United Kingdom, England *	5151	3658	4	19	4	40	3725	343	695	11	1049	132	102	101	335	42	0
United Kingdom, Northern Ireland *	178	143	0	0	0	0	143	27	5	0	32	1	1	1	3	0	0
United Kingdom, Scotland	508	386	1	0			387	43	51	0	94	17	9	0	26	1	0
United Kingdom, Wales *	306	233	0	0	0	0	233	3	60	0	63	5	4	0	9	1	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91 are estimated (see methods)

|| Not all UK centres record whether a patient is on HDF and this is probably an underestimate of HDF usage in the UK

Table A.3.7
Incident rates per million population, unadjusted
at day 91, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
Austria	133.7	101.9	0	0	0.1	12.8	114.9	3.1	11.0	0	14.2	2.9	1.7	0.1	4.7	0	0
Belgium, Dutch-speaking *	171.7	103.2	0.2	8.0	0.5	38.1	150.0	10.5	9.4	0	20.0	0.8	1.0	0	1.8	0	0
Belgium, French-speaking *	172.2	145.6	1.8	0	0.4	5.5	153.4	9.3	5.1	0	14.4	0.7	3.1	0	3.8	0	0.7
Denmark	116.9	78.6	0	0			78.6	21.3	12.4	0	33.7	2.7	1.5	0	4.2	0.4	0
Finland	93.7	61.7	2.6	0	0	0.6	64.9	15.6	12.4	0	28.0	0.4	0.2	0.2	0.8	0	0
France (16 of 26 regions) § ‡	123.4	96.5	0.1	0	0.3	4.7	101.5	5.9	10.1	0	16.0	0.8	5.2	0	6.0	0	0
Greece	176.7	153.4	0	0	0	6.2	159.6	5.3	11.2	0	16.6	0.5	0	0	0.5	0	0
Iceland	69.3	37.8	0	0	0	0	37.8			28.4	28.4	3.2	0	0	3.2	0	0
Italy (13 of 20 regions) † ‡	141.7	79.8	0	25.7	1.2	8.2	115.0	9.4	12.3	0	21.7	0.6	0.9	3.6	5.0	0	0
Norway	106.1	72.1	0	0			72.1			18.5	18.5	7.8	7.6	0	15.3	0.2	0
Romania	89.5	72.0	0	0			72.0	0	15.9	0	15.9			1.6	1.6	0	0
Spain, Andalusia	119.6	102.3	0	0			102.3			14.3	14.3			3.0	3.0	0	0
Spain, Asturias * ‡	124.4	97.9	0	0			97.9	0	20.3	0	20.3	0	4.9	0	4.9	0.9	0
Spain, Basque country	97.5	75.8	0	0			75.8	0	20.3	0	20.3	0	1.4	0	1.4	0	0
Spain, Cantabria *	111.0	88.8	0	0			88.8	1.7	15.4	0	17.1	1.7	3.4	0	5.1	0	0
Spain, Castile and Leon *	122.2	98.8	0.4	0			98.8	7.0	16.0	0	23.0	0	0.4	0	0.4	0	0
Spain, Castile-La Mancha *	100.9	87.3	0	0			87.3	2.4	9.7	0	12.1			1.5	1.5	0	0
Spain, Catalonia ‡	128.6	106.8	0	0			106.8	7.0	7.6	0	14.6	3.9	3.3	0	7.2	0	0
Spain, Extremadura * ‡	121.2	99.1	0	0	0	0	99.1	10.0	11.5	0	21.5	0	0	0	0	0.6	0
Spain, Valencian region	129.0	117.3	0.2	0			117.5	0.4	9.5	0	9.9	0	1.4	0.2	1.6	0	0
Sweden	106.1		0.5	62.9			63.5			37.2	37.2	4.1	1.3	0	5.4	0	0
The Netherlands	109.0	74.1	0	0			74.1	6.3	17.9	0	24.3	9.1	1.5	0	10.6	0	0
United Kingdom, All countries * //	99.8	71.9	0.1	0.3	0.1	0.7	73.0	6.7	13.1	0.2	20.0	2.5	1.9	1.7	6.0	0.7	0
United Kingdom, England *	100.1	71.1	0.1	0.4	0.1	0.8	72.4	6.7	13.5	0.2	20.4	2.6	2.0	2.0	6.5	0.8	0
United Kingdom, Northern Ireland *	100.3	80.6	0	0	0	0	80.6	15.2	2.8	0	18.0	0.6	0.6	0.6	1.7	0	0
United Kingdom, Scotland	98.3	74.7	0.2	0			74.9	8.3	9.9	0	18.2	3.3	1.7	0	5.0	0.2	0
United Kingdom, Wales *	102.2	77.8	0	0	0	0	77.8	1.0	20.0	0	21.0	1.7	1.3	0	3.0	0.3	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

// Not all UK centres record whether a patient is on HDF and this is probably an underestimate of HDF usage in the UK

Table A.3.8
Incident rates per million population, adjusted
at day 91, by established therapy, adjusted for age and gender

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	135.8	103.2	0	0	0.1	12.9	116.3	3.0	11.5	0	14.5	3.0	1.9	0.2	5.1	0	0
Belgium, Dutch-speaking *	157.2	93.9	0.2	7.4	0.5	34.7	136.7	10.0	8.7	0	18.7	0.8	1.0	0	1.8	0	0
Belgium, French-speaking *	175.5	148.2	1.8	0	0.4	5.7	156.1	9.7	5.0	0	14.8	0.7	3.2	0	3.9	0	0.7
Denmark	117.2	79.6	0	0			79.6	21.3	12.0	0	33.3	2.6	1.4	0	4.0	0.3	0
Finland	91.2	59.8	2.6	0	0	0.6	62.9	15.7	11.9	0	27.6	0.4	0.2	0.2	0.7	0	0
France (16 of 26 regions) § ‡	114.8	89.3	0.1	0	0.3	4.3	93.9	5.7	9.0	0	14.8	0.9	5.4	0	6.3	1.9	0
Greece	159.5	138.1	0	0	0	5.7	143.7	5.0	10.3	0	15.3	0.5	0	0	0.5	0	0
Iceland	86.0	48.6	0	0	0	0	48.6			34.1	34.1	3.3	0	0	3.3	0	0
Italy (13 of 20 regions) † ‡	120.8	66.7	0	21.7	1.0	7.2	96.7	8.5	10.6	0	19.1	0.6	0.9	3.5	5.0	0	0
Norway	112.2	76.6	0	0			76.6			19.7	19.7	7.7	8.0	0	15.7	0.2	0
Romania	91.6	73.7	0	0			73.7	0	16.4	0	16.4			1.6	1.6	0	0
Spain, Andalusia	128.1	110.3	0	0			110.3			14.8	14.8			3.0	3.0	0	0
Spain, Asturias * ‡	102.8	79.3	0	0			79.3	0	18.5	0	18.5	0	4.3	0	4.3	1.3	0
Spain, Basque country	88.6	67.9	0	0			67.9	0	19.5	0	19.5	0	1.2	0	1.2	0	0
Spain, Cantabria *	103.2	82.7	0	0			82.7	1.6	14.0	0	15.6	1.6	3.3	0	4.9	0	0
Spain, Castile and Leon *	99.7	78.2	0.4	0			78.2	6.4	14.7	0	21.1	0	0.4	0	0.4	0	0
Spain, Castile-La Mancha *	99.3	85.8	0	0			85.8	2.3	9.9	0	12.3			1.3	1.3	0	0
Spain, Catalonia ‡	129.3	107.2	0	0			107.2	7.2	7.8	0	15.0	3.8	3.4	0	7.2	0	0
Spain, Extremadura * ‡	116.6	94.7	0	0	0	0	94.7	10.2	11.1	0	21.4	0	0	0	0	1.0	0
Spain, Valencian region	129.4	117.4	0.2	0			117.6	0.4	9.6	0	10.0	0	1.5	0.2	1.7	0	0
Sweden	101.6		0.6	59.6			60.1			35.9	35.9	4.2	1.3	0	5.5	0	0
The Netherlands	112.6	77.5	0	0			77.5	6.4	18.2	0	24.6	9.1	1.5	0	10.6	0	0
United Kingdom, All countries * //	101.4	72.9	0.1	0.3	0.1	0.7	74.0	6.9	13.4	0.2	20.5	2.5	1.9	1.7	6.2	0.7	0
United Kingdom, England *	102.1	72.4	0.1	0.4	0.1	0.8	73.7	6.9	13.8	0.2	20.9	2.6	2.0	2.0	6.7	0.8	0
United Kingdom, Northern Ireland *	112.3	90.7	0	0	0	0	90.7	16.9	2.9	0	19.8	0.6	0.6	0.6	1.8	0	0
United Kingdom, Scotland	97.9	74.3	0.2	0			74.5	8.2	9.8	0	18.0	3.3	1.8	0	5.1	0.2	0
United Kingdom, Wales *	98.0	74.0	0	0	0	0	74.0	1.0	19.4	0	20.4	1.8	1.5	0	3.3	0.3	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
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‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

// Not all UK centres record whether a patient is on HDF and this is probably an underestimate of HDF usage in the UK

Table A.3.9
Percentages of established therapy, unadjusted
at day 91

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	76.2	0	0	0.1	9.6	85.9	2.3	8.3	0	10.6	2.2	1.3	0.1	3.5	0	0
Belgium, Dutch-speaking *	100	60.1	0.1	4.6	0.3	22.2	87.3	6.1	5.5	0	11.6	0.5	0.6	0	1.0	0	0
Belgium, French-speaking *	100	84.5	1.0	0	0.3	3.2	89.0	5.4	3.0	0	8.4	0.4	1.8	0	2.2	0	0.4
Denmark	100	67.3	0	0			67.3	18.2	10.6	0	28.8	2.3	1.2	0	3.6	0.3	0
Finland	100	65.9	2.8	0	0	0.6	69.3	16.7	13.3	0	29.9	0.4	0.2	0.2	0.8	0	0
France (16 of 26 regions) § ‡	100	78.2	0.1	0	0.2	3.8	82.3	4.7	8.2	0	13.0	0.7	4.2	0	4.9	0	0
Greece	100	86.8	0	0	0	3.5	90.3	3.0	6.3	0	9.4	0.3	0	0	0.3	0	0
Iceland	100	54.5	0	0	0	0	54.5			40.9	40.9	4.5	0	0	4.5	0	0
Italy (13 of 20 regions) † ‡	100	56.3	0	18.2	0.9	5.8	81.1	6.7	8.7	0	15.3	0.4	0.6	2.5	3.6	0	0
Norway	100	68.0	0	0			68.0			17.4	17.4	7.3	7.1	0	14.4	0.2	0
Romania	100	80.5	0	0			80.5	0	17.7	0	17.7			1.8	1.8	0	0
Spain, Andalusia	100	85.5	0	0			85.5			12.0	12.0			2.5	2.5	0	0
Spain, Asturias * ‡	100	78.7	0	0			78.7	0	16.3	0	16.3	0	4.0	0	4.0	0.7	0
Spain, Basque country	100	77.7	0	0			77.7	0	20.9	0	20.9	0	1.4	0	1.4	0	0
Spain, Cantabria *	100	80.0	0	0			80.0	1.5	13.8	0	15.4	1.5	3.1	0	4.6	0	0
Spain, Castile and Leon *	100	80.8	0.3	0			80.8	5.8	13.1	0	18.8	0	0.3	0	0.3	0	0
Spain, Castile-La Mancha *	100	86.5	0	0			86.5	2.4	9.6	0	12.0			1.4	1.4	0	0
Spain, Catalonia ‡	100	83.0	0	0			83.0	5.5	5.9	0	11.4	3.1	2.6	0	5.6	0	0
Spain, Extremadura * ‡	100	81.8	0	0	0	0	81.8	8.3	9.5	0	17.8	0	0	0	0	0.5	0
Spain, Valencian region	100	90.9	0.2	0			91.1	0.3	7.4	0	7.7	0	1.1	0.2	1.2	0	0
Sweden	100		0.5	59.3			59.8			35.1	35.1	3.9	1.2	0	5.1	0	0
The Netherlands	100	68.0	0	0			68.0	5.8	16.5	0	22.3	8.4	1.4	0	9.8	0	0
United Kingdom, All countries *	100	72.1	0.1	0.3	0.1	0.7	73.2	6.7	13.2	0.2	20.1	2.5	1.9	1.7	6.0	0.7	0
United Kingdom, England *	100	71.0	0.1	0.4	0.1	0.8	72.3	6.7	13.5	0.2	20.4	2.6	2.0	2.0	6.5	0.8	0
United Kingdom, Northern Ireland *	100	80.3	0	0	0	0	80.3	15.2	2.8	0	18.0	0.6	0.6	0.6	1.7	0	0
United Kingdom, Scotland	100	76.0	0.2	0			76.2	8.5	10.0	0	18.5	3.3	1.8	0	5.1	0.2	0
United Kingdom, Wales *	100	76.1	0	0	0	0	76.1	1.0	19.6	0	20.6	1.6	1.3	0	2.9	0.3	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

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Table A.3.10
 Percentages of established therapy, unadjusted
 at day 91, by age, gender, and primary diagnosis

	Total				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	76	11	4	10	47	20	27	7	56	20	14	10	71	13	5	11	80	11	0	8	88	3	0	10	77	11	3	9	75	10	4	11	82	7	2	9	73	12	4	10
Belgium, Dutch-speaking *	65	12	1	22					52	24	4	20	59	22	3	17	69	8	0	22	68	6	0	26	65	12	1	22	65	11	1	23	57	10	1	33	67	12	1	19
Belgium, French-speaking *	86	8	2	4					75	14	8	3	81	12	3	3	88	7	2	4	90	5	0	5	85	8	3	5	86	10	1	3	88	7	1	4	85	9	3	4
Denmark	67	29	4	0	46	23	31	0	50	38	11	1	59	37	5	0	70	29	1	0	83	17	0	1	69	28	3	0	65	30	5	0	67	29	4	0	67	29	3	0
Finland	69	30	1	1	0	60	40	0	46	51	1	1	64	35	1	1	78	21	0	1	84	16	0	0	66	33	1	1	73	25	1	1	64	35	1	1	71	27	1	1
France (16 of 26 regions) § ‡	76	13	6	5	55	14	32	0	56	13	24	7	75	12	10	3	78	11	3	7	82	14	0	5	76	12	7	5	76	13	6	6	66	4	26	4	76	13	6	5
Greece	87	9	0	4	22	67	11	0	83	9	3	5	84	12	0	4	87	9	0	4	91	7	0	2	86	10	0	4	89	8	0	3	87	10	0	3	87	9	0	4
Iceland	55	41	5	0	0	0	0	0	33	33	33	0	50	50	0	0	75	25	0	0	55	45	0	0	62	38	0	0	44	44	11	0	50	50	0	0	56	39	6	0
Italy (13 of 20 regions) † ‡	74	15	4	7	47	32	17	4	55	21	16	8	66	20	6	8	79	14	1	7	84	11	0	5	73	15	4	8	76	15	3	5	79	13	1	8	73	16	4	6
Norway	68	17	14	0	43	14	43	0	55	18	27	0	63	15	21	1	74	17	9	0	78	20	2	0	70	16	14	0	64	20	15	1	74	15	10	1	67	18	15	0
Romania	80	18	2	0	52	30	18	0	81	13	6	0	80	19	0	0	81	19	0	0	84	16	0	0	83	16	1	0	78	20	2	0	80	20	0	0	81	17	2	0
Spain, Andalusia	86	12	3	0	41	6	53	0	71	24	5	0	83	15	1	0	92	6	1	0	96	4	0	0	85	12	3	0	86	11	2	0	88	11	1	0	85	12	3	0
Spain, Asturias * ‡	79	16	4	1					28	72	0	0	76	13	11	0	84	13	0	3	93	7	0	0	80	14	4	1	76	20	4	0	68	29	4	0	82	13	4	1
Spain, Basque country	78	21	1	0	25	75	0	0	56	41	3	0	74	23	3	0	85	15	0	0	90	10	0	0	75	23	1	0	82	16	1	0	85	13	3	0	76	23	1	0
Spain, Cantabria *	80	15	5	0					71	0	29	0	81	14	5	0	85	15	0	0	76	24	0	0	80	17	2	0	79	11	11	0	69	25	6	0	84	12	4	0
Spain, Castile and Leon *	81	19	0	0					63	37	0	0	73	25	1	0	80	20	0	0	92	8	0	0	84	15	0	0	72	28	0	0	83	17	0	0	80	19	0	0
Spain, Castile-La Mancha *	87	12	1	0					62	28	10	0	82	18	0	0	88	12	0	0	100	0	0	0	85	14	1	0	89	9	3	0	93	5	2	0	84	15	1	0
Spain, Catalonia ‡	83	11	6	0	13	38	50	0	63	19	18	0	78	16	6	0	88	10	3	0	97	3	0	0	82	12	6	0	84	10	6	0	91	8	1	0	81	12	7	0
Spain, Extremadura * ‡	82	18	0	1					72	28	0	0	75	25	0	0	88	10	0	2	91	9	0	0	79	20	0	1	85	15	0	0	95	5	0	0	76	22	0	1
Spain, Valencian region	91	8	1	0	22	33	44	0	82	16	1	0	87	11	1	0	97	3	0	0	96	4	0	0	93	5	1	0	86	13	1	0	95	5	0	0	90	8	1	0
Sweden	60	35	5	0	30	35	35	0	43	42	14	0	55	37	7	0	62	36	2	0	71	29	0	0	61	35	4	0	58	34	8	0	59	41	1	0	60	33	7	0
The Netherlands	68	22	10	0	19	19	61	0	43	33	24	0	61	26	13	0	76	19	5	0	83	17	0	0	67	24	10	0	70	20	10	0	78	22	0	0	66	22	12	0
United Kingdom, All countries *	72	20	6	1					55	25	18	2	68	24	7	1	78	20	1	1	88	11	0	1	72	21	6	2	73	19	6	1	77	17	4	2	71	21	7	1
United Kingdom, England *	71	20	7	2					53	25	19	3	67	24	7	2	77	20	2	1	88	11	0	1	71	21	6	2	72	19	7	2	76	18	4	2	70	21	7	2
United Kingdom, Northern Ireland *	80	18	2	0					54	39	7	0	78	20	2	0	85	15	0	0	94	6	0	0	82	17	1	0	78	19	3	0	92	5	3	0	77	21	1	0
United Kingdom, Scotland	76	19	5	0	29	47	24	0	63	17	18	1	78	18	4	0	82	18	0	0	83	17	0	0	76	20	4	0	77	16	7	0	87	10	3	1	73	21	6	0
United Kingdom, Wales *	76	21	3	0					64	24	12	0	76	22	2	0	77	23	0	0	86	13	0	1	75	20	4	0	78	22	0	0	78	20	1	0	75	21	4	0

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; Oth: other (includes haemofiltration (HF), haemodiafiltration (HDF), and unknown); DM: diabetes mellitus

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

‡ The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)

Table A.4.1
Prevalent counts and percentages
prevalent patients on December 31, by age and gender

	All			0-19						20-44						45-64						65-74						75+					
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%								
Austria	7920	4856	3064	105	1	60	1	45	1	1358	17	801	16	557	18	3332	42	2134	44	1198	39	1886	24	1183	24	703	23	1239	16	678	14	561	18
Belgium, Dutch-speaking *	6871	4020	2851							848	12	495	12	353	12	2440	36	1495	37	945	33	1601	23	929	23	672	24	1982	29	1101	27	881	31
Belgium, French-speaking *	5194	3138	2056							769	15	478	15	291	14	1998	38	1227	39	771	38	1112	21	680	22	432	21	1315	25	753	24	562	27
Denmark	4683	2904	1777	97	2	56	2	41	2	1005	21	598	21	407	23	1925	41	1197	41	726	41	962	21	615	21	347	20	694	15	438	15	256	14
Finland	4081	2526	1555	120	3	68	3	52	3	727	18	458	18	269	17	1918	47	1198	47	720	46	811	20	494	20	317	20	505	12	308	12	197	13
France (16 of 26 regions) §	33679	20335	13342	398	1	230	1	168	1	5707	17	3442	17	2265	17	12757	38	7900	39	4856	36	6886	20	4182	21	2703	20	7930	24	4581	23	3349	25
Greece	11607	7317	4290	107	1	63	1	44	1	1732	15	1143	16	589	14	4057	35	2643	36	1414	33	2934	25	1828	25	1106	26	2776	24	1639	22	1137	27
Iceland	165	97	68	7	4	2	2	5	7	49	30	27	28	22	32	61	37	36	37	25	37	22	13	14	14	8	12	26	16	18	19	8	12
Italy (13 of 20 regions) † #	33161	20742	12418	208	1	121	1	87	1	4366	13	2762	13	1604	13	11267	34	7228	35	4038	33	8298	25	5313	26	2985	24	9021	27	5317	26	3704	30
Norway	3890	2512	1378	72	2	45	2	27	2	800	21	496	20	304	22	1642	42	1066	42	576	42	771	20	509	20	262	19	605	16	396	16	209	15
Romania	9067	4998	4069	110	1	57	1	53	1	2117	23	1212	24	905	22	4291	47	2426	49	1865	46	1870	21	962	19	908	22	679	7	341	7	338	8
Spain, Andalusia	8010	4739	3271	112	1	65	1	47	1	1681	21	1056	22	625	19	3199	40	1971	42	1228	38	1703	21	955	20	748	23	1315	16	692	15	623	19
Spain, Asturias *	1125	699	426							183	16	109	16	74	17	440	39	291	42	149	35	249	22	154	22	95	22	253	22	145	21	108	25
Spain, Basque country	2273	1416	857	25	1	16	1	9	1	385	17	209	15	176	21	936	41	605	43	331	39	524	23	346	24	178	21	403	18	240	17	163	19
Spain, Cantabria *	494	337	157							83	17	52	15	31	20	208	42	144	43	64	41	115	23	83	25	32	20	88	18	58	17	30	19
Spain, Castile and Leon *	2481	1587	894							387	16	254	16	133	15	941	38	617	39	324	36	562	23	354	22	208	23	591	24	362	23	229	26
Spain, Castile-La Mancha *	1848	1114	734							346	19	207	19	139	19	711	38	467	42	244	33	405	22	226	20	179	24	386	21	214	19	172	23
Spain, Catalonia	8276	5161	3115	80	1	51	1	29	1	1386	17	892	17	494	16	3186	38	2033	39	1153	37	1871	23	1146	22	725	23	1753	21	1039	20	714	23
Spain, Extremadura *	1001	586	415							230	23	138	24	92	22	391	39	252	43	139	33	208	21	111	19	97	23	172	17	85	15	87	21
Spain, Valencian region	5437	3358	2079	61	1	39	1	22	1	929	17	582	17	347	17	2019	37	1258	37	761	37	1282	24	807	24	475	23	1146	21	672	20	474	23
Sweden	8044	5116	2928	145	2	84	2	61	2	1422	18	883	17	539	18	3452	43	2210	43	1242	42	1732	22	1089	21	643	22	1293	16	850	17	443	15
The Netherlands	13895	8287	5608	273	2	156	2	117	2	2728	20	1648	20	1080	19	5839	42	3495	42	2344	42	2923	21	1737	21	1186	21	2132	15	1251	15	881	16
United Kingdom, All countries *	48242	29243	18999							11467	24	6806	23	4661	25	19803	41	12041	41	7762	41	9563	20	5745	20	3818	20	7409	15	4651	16	2758	15
United Kingdom, England *	40166	24349	15817							9524	24	5649	23	3875	24	16478	41	9982	41	6496	41	7991	20	4803	20	3188	20	6173	15	3915	16	2258	14
United Kingdom, Northern Ireland *	1438	868	570							342	24	211	24	131	23	548	38	334	38	214	38	316	22	194	22	122	21	232	16	129	15	103	18
United Kingdom, Scotland	4241	2490	1751	94	2	57	2	37	2	1072	25	625	25	447	26	1806	43	1082	43	724	41	746	18	423	17	323	18	523	12	303	12	220	13
United Kingdom, Wales *	2491	1593	898							529	21	321	20	208	23	971	39	643	40	328	37	510	20	325	20	185	21	481	19	304	19	177	20

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.4.2
Gender, mean age, and median age
prevalent patients on December 31

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	59.1	15.5	60.6	61.3	58.9	15.0	60.5	38.7	59.4	16.1	60.7
Belgium, Dutch-speaking *	100	64.2	15.1	65.9	58.5	63.7	14.9	65.2	41.5	64.8	15.4	67.3
Belgium, French-speaking *	100	62.7	15.7	63.7	60.4	62.3	15.6	63.1	39.6	63.2	15.8	64.2
Denmark	100	57.5	16.5	59.1	62.0	57.8	16.4	59.5	37.9	56.9	16.6	58.7
Finland	100	56.9	16.2	58.7	61.9	57.0	16.1	58.7	38.1	56.9	16.4	58.6
France (16 of 26 regions) §	100	60.9	16.8	62.0	60.4	60.7	16.6	61.7	39.6	61.4	17.0	62.6
Greece	100	62.2	15.9	64.6	63.0	61.7	15.8	63.8	37.0	63.1	15.9	66.2
Iceland	100	53.2	19.2	56.3	58.8	55.8	18.4	58.8	41.2	49.6	19.9	51.5
Italy (13 of 20 regions) † #	100	63.8	15.8	66.1	62.5	63.4	15.5	65.6	37.4	64.4	16.1	67.1
Norway	100	57.8	16.4	59.5	64.6	58.2	16.3	59.9	35.4	57.1	16.5	58.8
Romania	100	55.2	14.8	56.6	55.1	54.6	14.7	56.1	44.9	55.9	14.9	57.4
Spain, Andalusia	100	58.0	16.2	59.6	59.2	57.1	16.0	58.3	40.8	59.3	16.2	61.6
Spain, Asturias *	100	61.2	15.2	62.4	62.1	60.7	14.9	60.7	37.9	62.1	15.8	64.3
Spain, Basque country	100	59.7	15.6	61.3	62.3	60.0	15.2	61.7	37.7	59.2	16.2	60.5
Spain, Cantabria *	100	60.3	14.4	61.9	68.2	60.8	14.1	62.3	31.8	59.4	15.0	60.1
Spain, Castile and Leon *	100	62.0	15.2	63.3	64.0	61.6	15.2	62.7	36.0	62.7	15.4	64.1
Spain, Castile-La Mancha *	100	60.5	15.4	62.2	60.3	59.7	15.2	60.9	39.7	61.7	15.6	64.2
Spain, Catalonia	100	60.8	16.0	62.6	62.4	60.3	15.9	61.9	37.6	61.6	16.1	63.5
Spain, Extremadura *	100	58.4	15.7	59.1	58.5	57.2	15.2	58.0	41.5	60.0	16.1	62.1
Spain, Valencian region	100	60.7	16.2	62.8	61.8	60.4	16.1	62.7	38.2	61.3	16.3	63.0
Sweden	100	58.8	16.0	60.6	63.6	59.1	15.9	61.0	36.4	58.3	16.1	60.2
The Netherlands	100	57.8	16.2	59.6	59.6	57.7	16.1	59.6	40.4	57.9	16.4	59.7
United Kingdom, All countries *	100	57.5	15.9	58.2	60.6	57.8	15.9	58.4	39.4	57.2	15.8	57.9
United Kingdom, England *	100	57.6	15.9	58.2	60.6	57.8	16.0	58.5	39.4	57.1	15.8	57.9
United Kingdom, Northern Ireland *	100	58.1	16.2	59.6	60.4	57.9	16.0	59.2	39.6	58.3	16.6	60.4
United Kingdom, Scotland	100	55.1	16.4	55.6	58.7	55.1	16.4	56.0	41.3	55.0	16.4	55.0
United Kingdom, Wales *	100	59.2	16.2	60.4	64.0	59.3	16.1	60.6	36.0	59.1	16.3	60.3

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.4.3
Prevalence per million population, unadjusted
prevalent patients on December 31, by age and gender

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	950.6	1197.8	716.3	55.6	62.3	48.7	435.1	510.1	359.1	1757.8	2275.8	1250.7	2457.8	3338.3	1702.2	1876.5	2958.0	1301.5
Belgium, Dutch-speaking *	1115.1	1322.4	913.3				416.2	480.0	350.7	1466.8	1781.8	1146.2	2827.0	3466.1	2252.7	3712.5	5326.2	2692.9
Belgium, French-speaking *	1152.9	1436.6	885.9				496.4	614.7	377.1	1746.6	2180.8	1326.4	3215.5	4368.3	2271.7	3518.8	5768.7	2311.1
Denmark	852.4	1066.7	641.2	72.0	81.1	62.4	556.7	655.4	455.9	1303.8	1615.5	987.0	2000.7	2669.3	1385.6	1809.9	2959.5	1087.3
Finland	768.1	970.0	574.0	97.9	108.7	86.7	432.3	532.8	327.2	1259.7	1579.4	942.4	1733.9	2293.6	1256.1	1214.2	2123.8	727.2
France (16 of 26 regions) §	980.4	1223.6	752.4	47.9	54.1	41.5	522.9	633.2	413.4	1422.3	1801.1	1059.6	2348.4	3101.8	1706.4	2455.7	3837.3	1645.4
Greece	1032.9	1314.7	756.4	48.9	55.8	41.6	425.1	544.9	297.9	1409.1	1870.6	964.3	2586.3	3577.1	1774.1	2885.7	3944.0	2080.8
Iceland	519.8	600.7	436.1	77.7	43.5	113.4	424.5	449.8	397.1	812.0	929.6	686.9	1170.4	1540.3	824.1	1444.9	2348.6	774.4
Italy (13 of 20 regions) † #	1028.1	1322.3	749.5	35.5	40.1	30.6	390.9	487.9	291.2	1327.9	1729.7	937.7	2405.9	3318.9	1615.1	2743.5	4339.1	1795.6
Norway	815.8	1056.6	576.4	58.7	71.5	45.1	491.6	597.2	381.5	1351.9	1726.6	964.4	2241.3	3095.7	1458.9	1703.9	2910.9	954.3
Romania	421.5	476.8	368.8	23.4	23.7	23.1	254.2	285.7	221.4	812.4	959.4	677.4	993.5	1200.8	839.9	514.5	679.7	413.2
Spain, Andalusia	970.6	1158.0	786.3	61.1	68.8	52.8	510.8	628.4	388.1	1668.5	2073.0	1270.6	2680.1	3256.7	2186.0	2286.2	3096.4	1771.3
Spain, Asturias *	1039.1	1345.3	756.5				476.4	560.7	390.1	1418.1	1928.6	934.8	2356.4	3204.7	1648.9	1938.4	3006.9	1312.3
Spain, Basque country	1050.1	1337.4	775.0	68.3	85.0	50.6	481.3	509.7	451.4	1578.5	2075.5	1098.0	2637.3	3766.8	1666.2	1947.7	3107.8	1256.8
Spain, Cantabria *	843.5	1173.8	525.8				374.0	459.3	285.1	1331.1	1855.8	813.6	2343.8	3648.4	1216.0	1500.0	2640.7	817.4
Spain, Castile and Leon *	969.0	1248.9	693.2				426.4	541.4	303.3	1416.3	1810.6	1001.2	2225.6	2974.7	1557.9	1848.0	2834.0	1192.2
Spain, Castile-La Mancha *	896.1	1068.7	719.7				427.8	486.0	363.0	1549.1	1988.5	1088.6	2432.0	2909.7	2014.5	1956.4	2602.4	1494.8
Spain, Catalonia	1123.8	1409.7	841.2	56.1	69.4	42.0	467.8	577.4	348.3	1789.8	2312.6	1279.7	3188.4	4203.4	2307.6	2877.8	4519.7	1882.6
Spain, Extremadura *	909.9	1071.6	750.2				572.6	669.3	470.5	1484.2	1862.6	1084.6	2095.0	2410.3	1822.2	1578.5	1975.2	1319.6
Spain, Valencian region	1081.0	1338.7	824.6	61.6	76.6	45.7	463.0	558.0	360.2	1656.0	2091.8	1231.8	2965.5	3941.5	2087.4	3007.4	4482.2	2050.8
Sweden	872.5	1116.1	631.6	66.5	75.0	57.5	471.4	573.4	365.0	1441.2	1831.1	1045.2	2092.7	2711.8	1509.2	1618.0	2693.2	916.2
The Netherlands	844.9	1018.8	674.7	69.3	77.5	60.8	491.6	589.9	391.9	1293.1	1538.7	1044.5	2193.0	2709.7	1714.3	1920.0	3018.7	1265.8
United Kingdom, All countries *	785.9	969.9	608.3				538.9	637.0	439.9	1283.3	1585.9	990.2	1855.1	2347.6	1409.9	1551.6	2482.3	950.5
United Kingdom, England *	780.7	961.7	605.4				530.6	625.2	434.7	1282.6	1576.9	996.7	1869.8	2360.3	1423.9	1538.8	2474.1	929.6
United Kingdom, Northern Ireland *	810.2	996.9	630.5				546.8	676.9	417.5	1311.0	1624.5	1007.5	2330.4	3055.1	1692.1	2047.7	3028.2	1456.9
United Kingdom, Scotland	820.5	996.0	656.2	79.8	94.5	64.4	611.1	722.9	502.5	1308.4	1611.1	1021.6	1610.2	1983.1	1292.0	1329.8	2052.8	895.4
United Kingdom, Wales *	832.1	1089.9	586.2				556.1	680.4	433.8	1236.2	1670.6	818.8	1805.9	2398.5	1259.4	1870.9	3006.9	1134.6

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.4.4
Prevalence per million population and percentages, unadjusted
prevalent patients on December 31, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	950.6	100	229.8	24.2	75.9	8.0	58.2	6.1	52.9	5.6	149.3	15.7	202.2	21.3	65.2	6.9	61.3	6.5	165.1	17.4	92.8	9.8	0	0
Belgium, Dutch-speaking *	1115.1	100	209.7	18.8	89.9	8.1	106.1	9.5	57.1	5.1	143.1	12.8	200.3	18.0	70.3	6.3	121.9	10.9	218.4	19.6	98.5	8.8	0	0
Belgium, French-speaking *	1152.9	100	210.4	18.3	123.0	10.7	84.8	7.4	35.3	3.1	154.3	13.4	189.6	16.4	154.5	13.4	49.7	4.3	270.8	23.5	70.1	6.1	0	0
Denmark	852.4	100	170.6	20.0	71.5	8.4	69.0	8.1	89.2	10.5	57.5	6.7	146.7	17.2	86.8	10.2	3.5	0.4	159.5	18.7	144.5	17.0	0.4	0
Finland	768.1	100	163.0	21.2	77.4	10.1	91.3	11.9	129.9	16.9	71.9	9.4	201.8	26.3	26.3	3.4	4.1	0.5	134.0	17.4	70.2	9.1	0	0
France (16 of 26 regions) §	980.4	100	214.3	21.9	71.8	7.3	94.7	9.7					124.8	12.7	134.3	13.7	10.6	1.1	191.3	19.5	138.6	14.1	0	0
Greece	1032.9	100	203.6	19.7	74.8	7.2	80.3	7.8	21.8	2.1	168.5	16.3	190.3	18.4	96.0	9.3	17.2	1.7	88.5	8.6	282.4	27.3	0	0
Iceland	519.8	100	126.0	24.2	69.3	13.3	31.5	6.1	18.9	3.6	22.1	4.2	41.0	7.9	88.2	17.0	15.8	3.0	126.0	24.2	22.1	4.2	0	0
Italy (13 of 20 regions) † #	1028.1	100	216.9	21.1	86.0	8.4	83.7	8.1					129.2	12.6	137.9	13.4	42.6	4.1	133.3	13.0	167.6	16.3	30.9	3.0
Norway	815.8	100	246.6	30.2	78.2	9.6	88.1	10.8					94.4	11.6	128.4	15.7	5.7	0.7	153.7	18.8	20.8	2.5	0	0
Romania	421.5	100	109.2	25.9	69.8	16.6	34.2	8.1					35.6	8.4	23.7	5.6	3.5	0.8	41.7	9.9	103.8	24.6	0	0
Spain, Andalusia	970.6	100	213.5	22.0	120.7	12.4	90.5	9.3					124.2	12.8	78.6	8.1	27.6	2.8	119.1	12.3	196.3	20.2	0	0
Spain, Asturias *	1039.1	100	203.2	19.6	79.4	7.6	104.4	10.0	59.1	5.7	90.5	8.7	149.6	14.4	159.8	15.4	14.8	1.4	162.6	15.6	165.3	15.9	0	0
Spain, Basque country	1050.1	100	251.8	24.0	120.6	11.5	117.8	11.2	35.1	3.3	63.3	6.0	98.4	9.4	106.7	10.2	45.3	4.3	148.3	14.1	149.2	14.2	12.0	1.1
Spain, Cantabria *	843.5	100	273.2	32.4	80.2	9.5	80.2	9.5	32.4	3.8	68.3	8.1	100.7	11.9	82.0	9.7	85.4	10.1	95.6	11.3	46.1	5.5	0	0
Spain, Castile and Leon *	969.0	100	154.7	16.0	61.3	6.3	71.1	7.3	60.5	6.2	78.5	8.1	139.0	14.3	101.5	10.5	16.8	1.7	107.4	11.1	317.1	32.7	0	0
Spain, Castile-La Mancha *	896.1	100	187.2	20.9	117.8	13.1	87.8	9.8					143.1	16.0	56.7	6.3	5.8	0.6	99.9	11.1	197.8	22.1	0	0
Spain, Catalonia	1123.8	100	244.8	21.8	130.4	11.6	116.2	10.3	31.1	2.8	111.2	9.9	142.9	12.7	99.3	8.8	43.9	3.9	116.5	10.4	229.9	20.5	0	0
Spain, Extremadura *	909.9	100	214.5	23.6	77.3	8.5	89.1	9.8					112.7	12.4	43.6	4.8	7.3	0.8	102.7	11.3	262.7	28.9	0	0
Spain, Valencian region	1081.0	100	223.3	20.7	124.5	11.5	97.2	9.0					117.1	10.8	143.9	13.3	38.6	3.6	118.3	10.9	218.1	20.2	0	0
Sweden	872.5	100	228.3	26.2	58.5	6.7	85.4	9.8	93.9	10.8	68.0	7.8	161.9	18.6	63.1	7.2	39.7	4.5	170.9	19.6	64.6	7.4	0	0
The Netherlands	844.9	100	151.0	17.9	75.5	8.9	68.6	8.1	35.9	4.3	57.9	6.9	93.9	11.1	83.3	9.9	53.0	6.3	142.2	16.8	95.3	11.3	82.2	9.7
United Kingdom, All countries *	785.9	100	144.4	18.4	92.0	11.7	69.6	8.9					109.1	13.9	42.9	5.5	19.5	2.5	122.4	15.6	148.5	18.9	37.5	4.8
United Kingdom, England *	780.7	100	137.6	17.6	87.0	11.1	67.3	8.6	58.8	7.5	49.1	6.3	107.9	13.8	44.9	5.8	18.4	2.4	121.6	15.6	152.0	19.5	44.1	5.6
United Kingdom, Northern Ireland *	810.2	100	152.1	18.8	127.3	15.7	91.8	11.3					120.6	14.9	22.5	2.8	23.7	2.9	158.3	19.5	112.1	13.8	1.7	0.2
United Kingdom, Scotland	820.5	100	184.4	22.5	136.4	16.6	86.9	10.6	80.7	9.8	25.5	3.1	106.2	12.9	31.9	3.9	24.4	3.0	140.3	17.1	108.9	13.3	1.2	0.1
United Kingdom, Wales *	832.1	100	191.7	23.0	87.9	10.6	66.1	7.9	95.5	11.5	31.4	3.8	126.9	15.3	39.8	4.8	29.1	3.5	102.9	12.4	179.7	21.6	8.0	1.0

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.4.5
Prevalence per million population, adjusted
prevalent patients on December 31, by cause of renal failure, adjusted for age and gender

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	975.5	238.3	79.0	60.1	56.7	150.7	207.4	65.9	61.6	168.9	94.4	0
Belgium, Dutch-speaking *	1042.0	198.5	85.4	100.1	53.9	131.2	185.1	63.4	108.2	209.6	91.7	0
Belgium, French-speaking *	1179.2	215.3	126.1	88.9	36.2	159.5	195.7	154.6	50.0	276.2	72.3	0
Denmark	847.7	170.3	72.5	65.9	87.0	56.7	143.7	85.4	3.5	161.1	145.4	0
Finland	739.9	155.6	74.9	83.3	128.5	67.1	195.6	25.4	4.0	132.1	69.0	0
France (16 of 26 regions) §	950.6	214.4	72.1	92.0			119.2	119.3	9.8	191.0	132.7	0
Greece	953.2	193.1	69.4	75.5	21.4	150.2	171.5	86.0	15.3	84.1	258.2	0
Iceland	584.8	141.1	78.4	39.0	20.5	29.9	50.4	104.1	20.0	126.4	25.4	0
Italy (13 of 20 regions) † #	894.0	197.2	76.2	74.8			109.6	111.9	34.2	119.9	143.6	26.5
Norway	851.8	255.7	81.8	93.8			97.0	136.5	5.5	159.8	21.7	0
Romania	432.4	110.4	71.2	35.0			36.9	25.0	3.8	42.9	107.2	0
Spain, Andalusia	1033.7	222.4	126.3	100.4			135.6	85.7	30.0	123.0	210.3	0
Spain, Asturias *	888.2	179.0	72.1	91.0	53.4	79.4	132.7	123.7	11.3	141.8	136.6	0
Spain, Basque country	965.2	233.6	113.3	108.9	32.5	56.6	89.1	94.2	40.5	139.4	135.5	10.8
Spain, Cantabria *	794.2	257.6	73.8	78.0	31.4	66.8	98.3	74.2	77.1	92.1	43.2	0
Spain, Castile and Leon *	840.1	139.7	53.9	65.8	54.6	62.9	117.5	78.2	12.3	92.9	279.8	0
Spain, Castile-La Mancha *	913.6	195.7	117.9	97.5			148.1	54.9	5.1	99.8	194.6	0
Spain, Catalonia	1135.1	247.7	129.5	121.7	31.4	114.5	146.5	99.5	44.0	116.8	229.4	0
Spain, Extremadura *	885.8	212.7	75.6	90.7			107.2	39.7	7.3	99.8	252.8	0
Spain, Valencian region	1084.5	224.4	124.0	100.5			118.0	143.6	38.3	117.4	218.1	0
Sweden	846.8	224.6	58.0	81.5	93.6	64.2	157.8	57.4	35.8	169.2	62.5	0
The Netherlands	854.1	149.5	76.7	67.8	35.2	59.5	94.7	85.0	56.1	144.3	98.1	81.9
United Kingdom, All countries *	800.2	147.4	94.0	71.1			111.5	43.4	19.3	125.2	150.5	37.8
United Kingdom, England *	796.8	140.7	88.8	69.2	60.6	50.2	110.8	45.6	18.3	124.5	154.4	44.6
United Kingdom, Northern Ireland *	896.2	166.3	138.2	101.2			135.0	25.2	27.2	175.8	125.2	2.0
United Kingdom, Scotland	817.1	183.4	137.0	84.1	80.8	25.2	105.9	31.4	24.2	141.0	109.0	1.2
United Kingdom, Wales *	812.9	190.6	90.1	63.5	93.4	29.1	122.5	38.2	24.9	102.6	172.7	7.7

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.4.6

Prevalent counts

prevalent patients on December 31, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
Austria	7920	2876	2	0	2	810	3690	116	239	0	355	454	3419	2	3875	0	0
Belgium, Dutch-speaking *	6871	2101	11	282	7	1233	3634	264	142	0	406	93	2277	461	2831	0	0
Belgium, French-speaking *	5194	2575	41	0	18	218	2852	146	96	0	242	92	1531	471	2094	1	5
Denmark	4683	1964	126	0			2090	434	199	0	633	605	1331	0	1936	24	0
Finland	4081	1129	67	0	0	130	1326	223	142	0	365	175	2211	4	2390	0	0
France (16 of 26 regions) §	33679	15805	173	44	38	1145	17205	564	817	2	1383	675	14180	217	15072	19	0
Greece	11607	7132	1	0	25	1305	8463	354	410	0	764	1084	1295	0	2379	1	0
Iceland	165	48	1	0	0	0	49			14	14	74	28	0	102	0	0
Italy (13 of 20 regions) † #	33161	12844	2	5260	695	3359	22160	1294	1548	0	2842	340	1063	6756	8159	0	0
Norway	3890	967	3	0			970			189	189	1247	1481	1	2729	2	0
Romania	9067	7001	0	0			7001	0	1452	0	1452			614	614	0	0
Spain, Andalusia	8010	3912	9	0			3921			325	325			3763	3763	1	0
Spain, Asturias *	1125	392	1	0			393	20	37	0	57	4	598	0	602	73	0
Spain, Basque country	2273	763	1	0			764	0	193	0	193	0	1316	0	1316	0	0
Spain, Cantabria *	494	194	0	0			194	6	28	0	34	11	255	0	266	0	0
Spain, Castile and Leon *	2481	1103	4	0			1107	53	91	0	144	0	1218	0	1218	12	0
Spain, Castile-La Mancha *	1848	814	0	0			814	18	56	0	74			960	960	0	0
Spain, Catalonia	8276	3809	6	0			3815	180	122	0	302	346	3813	0	4159	0	0
Spain, Extremadura *	1001	490	3	0	0	7	500	14	13	33	60	2	28	410	440	1	0
Spain, Valencian region	5437	3051	6	0			3057	34	171	0	205	4	1066	1092	2162	13	0
Sweden	8044		99	2632			2731			851	851	1797	2664	0	4461	1	0
The Netherlands	13895	4676	142	0			4818	539	670	0	1209	2681	5171	13	7865	3	0
United Kingdom, All countries * //	48242	20984	477	184	22	263	21930	1768	2730	95	4593	2576	11134	6482	20192	1527	0
United Kingdom, England *	40166	17464	406	124	20	251	18265	1466	2307	85	3858	2009	8694	5942	16645	1398	0
United Kingdom, Northern Ireland *	1438	660	1	58	1	12	732	74	19	10	103	42	219	340	601	2	0
United Kingdom, Scotland	4241	1780	48	0			1828	190	144	0	334	495	1447	132	2074	5	0
United Kingdom, Wales * ‡	2491	1092	22	2	1	0	1117	42	262	0	304	64	814	70	948	122	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

// Not all UK centres record whether a patient is on HDF and this is probably an underestimate of HDF usage in the UK

‡ Number of living transplants is underestimated

Table A.4.7
Prevalence per million population, unadjusted
prevalent patients on December 31, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
Austria	950.6	345.2	0.2	0	0.2	97.2	442.9	13.9	28.7	0	42.6	54.5	410.3	0.2	465.1	0	0
Belgium, Dutch-speaking *	1115.1	341.0	1.8	45.8	1.1	200.1	589.8	42.8	23.0	0	65.9	15.1	369.5	74.8	459.5	0	0
Belgium, French-speaking *	1152.9	571.6	9.1	0	4.0	48.4	633.0	32.4	21.3	0	53.7	20.4	339.8	104.5	464.8	0.2	1.1
Denmark	852.4	357.5	22.9	0			380.4	79.0	36.2	0	115.2	110.1	242.3	0	352.4	4.4	0
Finland	768.1	212.5	12.6	0	0	24.5	249.6	42.0	26.7	0	68.7	32.9	416.1	0.8	449.8	0	0
France (16 of 26 regions) §	980.4	460.1	5.0	1.3	1.1	33.3	500.9	16.4	23.8	0.1	40.3	19.7	412.8	6.3	438.8	0.6	0
Greece	1032.9	634.7	0.1	0	2.2	116.1	753.1	31.5	36.5	0	68.0	96.5	115.2	0	211.7	0.1	0
Iceland	519.8	151.2	3.2	0	0	0	154.4			44.1	44.1	233.1	88.2	0	321.3	0	0
Italy (13 of 20 regions) † #	1028.1	398.2	0.1	163.1	21.5	104.1	687.1	40.1	48.0	0	88.1	10.5	33.0	209.5	253.0	0	0
Norway	815.8	202.8	0.6	0			203.4			39.6	39.6	261.5	310.6	0.2	572.3	0.4	0
Romania	421.5	325.4	0	0			325.4	0	67.5	0	67.5			28.5	28.5	0	0
Spain, Andalusia	970.6	474.0	1.1	0			475.1			39.4	39.4			456.0	456.0	0.1	0
Spain, Asturias *	1039.1	362.1	0.9	0			363.0	18.5	34.2	0	52.6	3.7	552.3	0	556.0	67.4	0
Spain, Basque country	1050.1	352.5	0.5	0			352.9	0	89.2	0	89.2	0	608.0	0	608.0	0	0
Spain, Cantabria *	843.5	331.2	0	0			331.2	10.2	47.8	0	58.1	18.8	435.4	0	454.2	0	0
Spain, Castile and Leon *	969.0	430.8	1.6	0			432.4	20.7	35.5	0	56.2	0	475.7	0	475.7	4.7	0
Spain, Castile-La Mancha *	896.1	394.7	0	0			394.7	8.7	27.2	0	35.9			465.5	465.5	0	0
Spain, Catalonia	1123.8	517.2	0.8	0			518.1	24.4	16.6	0	41.0	47.0	517.8	0	564.8	0	0
Spain, Extremadura *	909.9	445.4	2.7	0	0	6.4	454.5	12.7	11.8	30.0	54.5	1.8	25.5	372.7	400.0	0.9	0
Spain, Valencian region	1081.0	606.6	1.2	0			607.8	6.8	34.0	0	40.8	0.8	211.9	217.1	429.9	2.6	0
Sweden	872.5		10.7	285.5			296.2			92.3	92.3	194.9	288.9	0	483.9	0.1	0
The Netherlands	844.9	284.3	8.6	0			293.0	32.8	40.7	0	73.5	163.0	314.4	0.8	478.2	0.2	0
United Kingdom, All countries *	785.9	341.9	7.8	3.0	0.4	4.3	357.3	28.8	44.5	1.5	74.8	42.0	181.4	105.6	328.9	24.9	0
United Kingdom, England *	780.7	339.5	7.9	2.4	0.4	4.9	355.0	28.5	44.8	1.7	75.0	39.1	169.0	115.5	323.5	27.2	0
United Kingdom, Northern Ireland *	810.2	371.9	0.6	32.7	0.6	6.8	412.4	41.7	10.7	5.6	58.0	23.7	123.4	191.6	338.6	1.1	0
United Kingdom, Scotland	820.5	344.4	9.3	0			353.7	36.8	27.9	0	64.6	95.8	280.0	25.5	401.3	1.0	0
United Kingdom, Wales * ‡	832.1	364.8	7.3	0.7	0.3	0	373.1	14.0	87.5	0	101.6	21.4	271.9	23.4	316.7	40.8	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

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† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

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Table A.4.8
Prevalence per million population, adjusted
prevalent patients on December 31, by established therapy, adjusted for age and gender

	Prevalence per million population, adjusted																Unkn	Missing
	Total	Haemodialysis						Peritoneal dialysis				Transplant						
	Pmp	HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx			
Austria	975.5	351.3	0.3	0	0.2	99.3	451.2	14.0	29.6	0	43.6	56.0	424.5	0.3	480.8	0	0	
Belgium, Dutch-speaking *	1042.0	310.8	1.6	41.9	1.1	182.8	538.2	40.4	21.4	0	61.8	15.6	355.5	70.9	442.0	0	0	
Belgium, French-speaking *	1179.2	575.8	9.4	0	4.0	49.1	638.2	33.4	21.6	0	55.0	21.1	355.3	108.1	484.5	0.2	1.2	
Denmark	847.7	358.5	22.8	0			381.3	78.6	35.7	0	114.3	111.5	236.4	0	347.9	4.2	0	
Finland	739.9	204.8	12.4	0	0	23.2	240.4	40.7	26.2	0	66.9	32.2	399.8	0.6	432.6	0	0	
France (16 of 26 regions) §	950.6	428.9	5.0	1.2	1.0	30.5	466.6	16.0	20.7	0.1	36.7	20.8	419.6	6.3	446.7	0.5	0	
Greece	953.2	573.8	0.1	0	2.0	107.4	683.3	29.5	33.2	0	62.7	95.2	111.9	0	207.0	0.1	0	
Iceland	584.8	185.2	3.4	0	0	0	188.5			49.9	49.9	247.4	99.1	0	346.4	0	0	
Italy (13 of 20 regions) † #	894.0	333.5	0	137.3	18.6	89.7	579.1	35.5	40.7	0	76.2	10.3	31.0	197.4	238.6	0	0	
Norway	851.8	212.2	0.6	0			212.9			42.4	42.4	270.4	325.6	0.2	596.1	0.4	0	
Romania	432.4	334.5	0	0			334.5	0	69.8	0	69.8			28.1	28.1	0	0	
Spain, Andalusia	1033.7	512.3	1.1	0			513.4			41.8	41.8			478.3	478.3	0.1	0	
Spain, Asturias *	888.2	287.3	0.6	0			287.9	16.1	31.9	0	48.0	3.7	493.1	0	496.8	55.5	0	
Spain, Basque country	965.2	311.9	0.4	0			312.3	0	81.8	0	81.8	0	571.0	0	571.0	0	0	
Spain, Cantabria *	794.2	300.1	0	0			300.1	10.2	42.7	0	52.9	18.0	423.1	0	441.1	0	0	
Spain, Castile and Leon *	840.1	339.6	1.5	0			341.1	17.4	30.3	0	47.7	0	448.1	0	448.1	3.2	0	
Spain, Castile-La Mancha *	913.6	380.7	0	0			380.7	8.7	27.3	0	36.0			496.8	496.8	0	0	
Spain, Catalonia	1135.1	513.8	0.8	0			514.6	24.8	17.2	0	41.9	45.9	532.6	0	578.5	0	0	
Spain, Extremadura *	885.8	416.7	2.5	0	0	6.9	426.1	13.1	11.4	31.6	56.1	1.8	26.5	374.4	402.7	0.9	0	
Spain, Valencian region	1084.5	607.3	1.2	0			608.6	6.7	34.1	0	40.8	0.8	212.2	219.5	432.4	2.6	0	
Sweden	846.8		10.5	269.4			279.8			87.9	87.9	196.8	282.2	0	479.0	0.1	0	
The Netherlands	854.1	297.4	8.4	0			305.8	32.9	41.6	0	74.5	161.3	311.6	0.7	473.6	0.2	0	
United Kingdom, All countries *	800.2	345.5	7.9	3.0	0.4	4.4	361.2	29.3	45.1	1.6	75.9	43.4	185.6	108.4	337.4	25.6	0	
United Kingdom, England *	796.8	344.1	8.1	2.4	0.4	5.0	360.0	29.1	45.7	1.7	76.4	40.3	173.3	118.8	332.4	28.0	0	
United Kingdom, Northern Ireland *	896.2	419.2	0.6	36.8	0.6	7.6	464.8	45.2	11.7	6.0	62.9	25.0	133.3	208.8	367.2	1.2	0	
United Kingdom, Scotland	817.1	342.2	9.1	0			351.4	35.9	27.6	0	63.5	97.7	278.4	25.1	401.3	1.0	0	
United Kingdom, Wales * ‡	812.9	342.0	7.5	0.6	0.3	0	350.5	13.6	82.9	0	96.5	22.9	277.0	24.3	324.2	41.8	0	

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
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† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

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Table A.4.9
Percentages of established therapy, unadjusted
prevalent patients on December 31

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	36.3	0	0	0	10.2	46.6	1.5	3.0	0	4.5	5.7	43.2	0	48.9	0	0
Belgium, Dutch-speaking *	100	30.6	0.2	4.1	0.1	17.9	52.9	3.8	2.1	0	5.9	1.4	33.1	6.7	41.2	0	0
Belgium, French-speaking *	100	49.6	0.8	0	0.3	4.2	54.9	2.8	1.8	0	4.7	1.8	29.5	9.1	40.3	0	0.1
Denmark	100	41.9	2.7	0			44.6	9.3	4.2	0	13.5	12.9	28.4	0	41.3	0.5	0
Finland	100	27.7	1.6	0	0	3.2	32.5	5.5	3.5	0	8.9	4.3	54.2	0.1	58.6	0	0
France (16 of 26 regions) §	100	46.9	0.5	0.1	0.1	3.4	51.1	1.7	2.4	0	4.1	2.0	42.1	0.6	44.8	0.1	0
Greece	100	61.4	0	0	0.2	11.2	72.9	3.0	3.5	0	6.6	9.3	11.2	0	20.5	0	0
Iceland	100	29.1	0.6	0	0	0	29.7			8.5	8.5	44.8	17.0	0	61.8	0	0
Italy (13 of 20 regions) † #	100	38.7	0	15.9	2.1	10.1	66.8	3.9	4.7	0	8.6	1.0	3.2	20.4	24.6	0	0
Norway	100	24.9	0.1	0			24.9			4.9	4.9	32.1	38.1	0	70.2	0.1	0
Romania	100	77.2	0	0			77.2	0	16.0	0	16.0			6.8	6.8	0	0
Spain, Andalusia	100	48.8	0.1	0			49.0			4.1	4.1			47.0	47.0	0	0
Spain, Asturias *	100	34.8	0.1	0			34.9	1.8	3.3	0	5.1	0.4	53.2	0	53.5	6.5	0
Spain, Basque country	100	33.6	0	0			33.6	0	8.5	0	8.5	0	57.9	0	57.9	0	0
Spain, Cantabria *	100	39.3	0	0			39.3	1.2	5.7	0	6.9	2.2	51.6	0	53.8	0	0
Spain, Castile and Leon *	100	44.5	0.2	0			44.6	2.1	3.7	0	5.8	0	49.1	0	49.1	0.5	0
Spain, Castile-La Mancha *	100	44.0	0	0			44.0	1.0	3.0	0	4.0			51.9	51.9	0	0
Spain, Catalonia	100	46.0	0.1	0			46.1	2.2	1.5	0	3.6	4.2	46.1	0	50.3	0	0
Spain, Extremadura *	100	49.0	0.3	0	0	0.7	50.0	1.4	1.3	3.3	6.0	0.2	2.8	41.0	44.0	0.1	0
Spain, Valencian region	100	56.1	0.1	0			56.2	0.6	3.1	0	3.8	0.1	19.6	20.1	39.8	0.2	0
Sweden	100		1.2	32.7			34.0			10.6	10.6	22.3	33.1	0	55.5	0	0
The Netherlands	100	33.7	1.0	0			34.7	3.9	4.8	0	8.7	19.3	37.2	0.1	56.6	0	0
United Kingdom, All countries *	100	43.5	1.0	0.4	0	0.5	45.5	3.7	5.7	0.2	9.5	5.3	23.1	13.4	41.9	3.2	0
United Kingdom, England *	100	43.5	1.0	0.3	0	0.6	45.5	3.6	5.7	0.2	9.6	5.0	21.6	14.8	41.4	3.5	0
United Kingdom, Northern Ireland *	100	45.9	0.1	4.0	0.1	0.8	50.9	5.1	1.3	0.7	7.2	2.9	15.2	23.6	41.8	0.1	0
United Kingdom, Scotland	100	42.0	1.1	0			43.1	4.5	3.4	0	7.9	11.7	34.1	3.1	48.9	0.1	0
United Kingdom, Wales * ‡	100	43.8	0.9	0.1	0	0	44.8	1.7	10.5	0	12.2	2.6	32.7	2.8	38.1	4.9	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

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Table A.4.10
Percentages of established therapy, unadjusted
prevalent patients on December 31, by age, gender, and primary diagnosis

	Total				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	36	4	49	10	6	3	87	5	18	5	67	9	28	5	57	11	44	4	41	10	71	2	16	11	35	4	50	11	38	5	48	10	51	3	32	13	32	5	54	9
Belgium, Dutch-speaking *	35	6	41	18					17	8	66	8	20	7	60	13	37	5	38	19	59	4	9	27	34	6	42	18	37	5	40	18	40	5	24	30	34	6	45	15
Belgium, French-speaking *	50	5	40	5					30	4	63	3	37	4	55	4	53	5	37	5	80	5	7	7	49	5	41	5	52	4	40	4	66	6	20	7	47	4	44	4
Denmark	45	14	41	1	9	5	86	0	26	9	64	1	36	14	49	1	59	17	24	0	80	16	4	0	46	12	41	1	42	16	42	0	55	15	30	1	43	13	44	0
Finland	29	9	59	3	3	2	96	0	17	10	70	2	22	9	66	4	38	9	50	4	69	10	18	2	30	10	57	4	28	8	61	3	34	13	48	5	28	7	62	3
France (16 of 26 regions) §	48	4	45	4	13	4	82	1	25	2	71	1	35	2	60	2	56	4	35	4	78	8	7	7	47	4	46	4	49	5	43	3	43	4	47	5	48	4	45	3
Greece	61	7	20	11	23	22	50	4	35	4	50	10	51	7	29	13	72	7	8	13	83	6	1	9	60	6	21	13	63	7	20	9	74	9	4	12	59	6	24	11
Iceland	30	8	62	0	29	0	71	0	14	4	82	0	18	8	74	0	50	5	45	0	69	23	8	0	36	10	54	0	21	6	74	0	69	8	23	0	26	9	65	0
Italy (13 of 20 regions) † #	55	9	25	12	28	17	49	6	33	7	51	9	41	8	39	12	60	9	16	14	77	9	2	13	54	8	25	13	56	9	23	12	67	9	8	15	53	8	27	12
Norway	25	5	70	0	4	3	93	0	12	3	85	0	19	3	79	0	29	6	65	0	57	12	32	0	26	5	69	0	23	5	71	0	35	8	57	0	24	5	72	0
Romania	77	16	7	0	49	29	22	0	71	12	17	0	80	15	5	0	80	20	1	0	80	20	0	0	77	15	7	0	77	17	6	0	75	23	3	0	77	15	7	0
Spain, Andalusia	49	4	47	0	11	3	87	0	31	5	64	0	36	4	60	0	61	4	35	0	90	4	6	0	48	4	48	0	50	5	45	0	70	5	25	0	46	4	50	0
Spain, Asturias *	35	5	54	6					16	10	66	8	22	4	69	4	39	5	51	6	67	3	20	10	33	5	57	5	37	6	49	8	38	13	44	6	34	4	55	7
Spain, Basque country	34	8	58	0	4	12	84	0	21	9	70	0	23	7	70	0	38	8	54	0	67	11	22	0	35	9	57	0	32	8	60	0	54	12	35	0	32	8	60	0
Spain, Cantabria *	39	7	54	0					20	5	75	0	31	5	64	0	42	8	50	0	74	13	14	0	40	8	52	0	38	5	57	0	49	8	42	0	38	7	55	0
Spain, Castile and Leon *	45	6	49	0					25	5	70	0	28	5	67	0	50	7	44	0	80	7	11	2	45	5	49	1	45	6	49	0	68	9	22	0	41	5	54	1
Spain, Castile-La Mancha *	44	4	52	0					22	5	72	0	31	4	65	0	47	4	49	0	84	3	13	0	45	4	51	0	43	3	53	0	67	5	27	0	40	4	57	0
Spain, Catalonia	46	4	50	0	13	5	83	0	26	4	70	0	34	4	62	0	50	4	47	0	82	2	16	0	46	4	50	0	46	3	51	0	70	6	24	0	43	3	54	0
Spain, Extremadura *	49	6	44	1					29	8	62	1	36	8	55	1	62	3	35	0	91	2	7	0	46	6	47	1	54	6	40	0	72	4	23	1	46	6	47	1
Spain, Valencian region	56	4	40	0	10	3	87	0	33	5	62	0	42	5	53	0	64	2	33	0	93	3	4	0	57	3	40	0	55	5	40	0	76	6	18	0	54	4	42	0
Sweden	34	11	55	0	8	4	88	0	19	6	75	0	23	8	69	0	42	14	44	0	71	18	11	0	34	11	55	0	33	10	57	0	44	15	40	0	32	9	59	0
The Netherlands	35	9	57	0	11	7	82	0	19	7	73	0	25	8	66	0	42	9	49	0	73	11	16	0	35	9	56	0	35	8	57	0	57	11	32	0	32	8	60	0
United Kingdom, All countries *	45	10	42	4					28	7	60	5	36	9	50	4	57	11	28	3	79	10	9	2	45	9	42	4	45	10	42	3	61	11	24	4	42	9	45	4
United Kingdom, England *	45	10	41	4					28	7	60	5	36	10	49	5	57	12	28	4	78	11	9	2	45	9	41	4	44	10	42	4	61	11	23	4	42	9	44	4
United Kingdom, Northern Ireland *	50	7	42	1					29	8	62	1	40	8	51	1	63	7	28	1	87	5	8	0	48	7	43	1	52	8	39	1	71	7	21	0	46	7	45	1
United Kingdom, Scotland	43	8	49	0	13	6	81	0	28	6	66	0	36	8	56	0	59	9	32	0	82	9	9	0	43	7	49	0	43	8	48	0	60	7	32	0	41	8	51	0
United Kingdom, Wales *	45	12	38	5					25	9	60	6	34	11	48	7	56	17	23	4	77	14	9	1	44	13	38	5	47	11	38	4	63	17	18	3	42	11	42	5

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; Oth: other (includes haemofiltration (HF), haemodiafiltration (HDF), and unknown); DM: diabetes mellitus

Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

The percentage of missing prevalent RRT patients is estimated at 11%, due to an estimated 25-30% underreporting of patients living on a functioning graft

Table A.5.1
Renal transplants performed in 2008, numbers and percentages
by donor type

	Total		Living								Deceased		Donor type Unkn	
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Austria //	361	100	35	9.7	23	6.4	0	0	58	16.1	303	83.9	0	0
Belgium, Dutch-speaking *	232	100	7	3.0	6	2.6	0	0	13	5.6	215	92.7	4	1.7
Belgium, French-speaking *	147	100	7	4.8	1	0.7	0	0	8	5.4	129	87.8	10	6.8
Denmark	198	100	53	26.8	0	0	21	10.6	74	37.4	124	62.6	0	0
Finland	148	100	8	5.4	0	0	0	0	8	5.4	140	94.6	0	0
France (16 of 26 regions) §	1493	100	73	4.9	0	0	0	0	73	4.9	1317	88.2	103	6.9
Greece	265	100	55	20.8	16	6.0	0	0	71	26.8	194	73.2	0	0
Iceland	5	100	5	100	0	0	0	0	5	100	0	0	0	0
Italy (13 of 20 regions) †	654	100	26	4.0	9	1.4	0	0	35	5.4	91	13.9	528	80.7
Norway	278	100	74	26.6	24	8.6	0	0	98	35.3	180	64.7	0	0
Romania	155	100											155	100
Spain, Andalusia	373	100											373	100
Spain, Asturias *	40	100	0	0	0	0	0	0	0	0	40	100	0	0
Spain, Basque country	119	100									119	100	0	0
Spain, Cantabria *	29	100	2	6.9	0	0	0	0	2	6.9	27	93.1	0	0
Spain, Castile and Leon *	94	100	0	0	0	0	0	0	0	0	94	100	0	0
Spain, Castile-La Mancha * &	102	100					2	2.0	2	2.0	95	93.1	5	4.9
Spain, Catalonia	471	100	79	16.8	0	0	0	0	79	16.8	392	83.2	0	0
Spain, Extremadura *	39	100							0	0	34	87.2	5	12.8
Spain, Valencian region	200	100	2	1.0	0	0	0	0	2	1.0	193	96.5	5	2.5
Sweden	420	100	81	19.3	56	13.3	0	0	137	32.6	283	67.4	0	0
The Netherlands	771	100					409	53.0	409	53.0	354	45.9	8	1.0
United Kingdom, All countries ‡	2486	100	568	22.8	356	14.3	0	0	924	37.2	1562	62.8	0	0
United Kingdom, England ‡	2136	100	490	22.9	329	15.4	0	0	819	38.3	1317	61.7	0	0
United Kingdom, Northern Ireland ‡	40	100	7	17.5	2	5.0	0	0	9	22.5	31	77.5	0	0
United Kingdom, Scotland ‡	210	100	51	24.3	16	7.6	0	0	67	31.9	143	68.1	0	0
United Kingdom, Wales ‡	100	100	20	20.0	9	9.0	0	0	29	29.0	71	71.0	0	0

Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, (complete) data are unavailable

// Data based on residents and non-residents

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

& Data from regional registry and Spanish National Transplant Organization (ONT)

‡ Data from NHS Blood and Transplant

Table A.5.2
Renal transplants performed in 2008, per million population
by donor type

	Total Pmp	Living				Deceased Pmp	Donor type Unkn Pmp
		Related	Unrelated	Type Unkn	All		
		Pmp	Pmp	Pmp	Pmp		
Austria //	39.5	4.1	2.5	0	6.6	32.9	0
Belgium, Dutch-speaking *	37.7	1.1	1.0	0	2.1	34.9	0.6
Belgium, French-speaking *	32.6	1.6	0.2	0	1.8	28.6	2.2
Denmark	36.0	9.6	0	3.8	13.5	22.6	0
Finland	27.9	1.5	0	0	1.5	26.3	0
France (16 of 26 regions) §	43.5	2.1	0	0	2.1	38.3	3.0
Greece	23.6	4.9	1.4	0	6.3	17.3	0
Iceland	15.8	15.8	0	0	15.8	0	0
Italy (13 of 20 regions) †	20.3	0.8	0.3	0	1.1	2.8	16.4
Norway	58.3	15.5	5.0	0	20.6	37.8	0
Romania	7.2						7.2
Spain, Andalusia	45.2						45.2
Spain, Asturias *	36.9	0	0	0	0	36.9	0
Spain, Basque country	55.0			0	0	55.0	0
Spain, Cantabria *	49.5	3.4	0	0	3.4	46.1	0
Spain, Castile and Leon *	36.7	0	0	0	0	36.7	0
Spain, Castile-La Mancha * &	49.5			1.0	1.0	46.1	2.4
Spain, Catalonia	64.0	10.7	0	0	10.7	53.2	0
Spain, Extremadura *	35.5				0	30.9	4.5
Spain, Valencian region	39.8	0.4	0	0	0.4	38.4	1.0
Sweden	45.6	8.8	6.1	0	14.9	30.7	0
The Netherlands	46.9			24.9	24.9	21.5	0.5
United Kingdom, All countries ‡	40.5	9.3	5.8	0	15.1	25.4	0
United Kingdom, England ‡	41.5	9.5	6.4	0	15.9	25.6	0
United Kingdom, Northern Ireland ‡	22.5	3.9	1.1	0	5.1	17.5	0
United Kingdom, Scotland ‡	40.6	9.9	3.1	0	13.0	27.7	0
United Kingdom, Wales ‡	33.4	6.7	3.0	0	9.7	23.7	0

Categories may not add up because of rounding off

When cells are left empty, (complete) data are unavailable

// The number of transplants differs from table A.5.1 since non-residents are excluded for this analysis

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

& Data from regional registry and Spanish National Transplant Organization (ONT)

‡ Data from NHS Blood and Transplant

Table A.6.1
90-day, one-, two- and five-year survival probabilities (cohort 1999-2003): Incident RRT patients, unadjusted
from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.5 (98.7-99.8)	97.2 (96.0-98.1)	96.5 (95.2-97.5)	94.3 (92.8-95.6)
20-44	98.5 (98.3-98.7)	95.6 (95.3-96.0)	92.3 (91.8-92.8)	85.2 (84.7-85.8)
45-64	95.7 (95.5-95.9)	87.6 (87.2-87.9)	78.8 (78.4-79.2)	59.5 (59.2-59.9)
65-74	91.7 (91.4-92.0)	76.9 (76.5-77.3)	62.6 (62.2-63.0)	33.1 (32.9-33.3)
75+	86.7 (86.3-87.1)	66.6 (66.1-67.1)	48.3 (47.9-48.6)	17.4 (17.3-17.4)
Men	92.9 (92.6-93.1)	80.9 (80.7-81.2)	69.1 (68.9-69.4)	46.0 (45.8-46.2)
Women	92.8 (92.5-93.1)	80.6 (80.2-80.9)	69.0 (68.6-69.3)	46.2 (46.0-46.5)
Diabetes	93.5 (93.2-93.9)	79.6 (79.1-80.1)	63.9 (63.4-64.4)	34.3 (34.1-34.6)
Hypertension / renal vascular disease	91.8 (91.4-92.3)	77.4 (76.9-78.0)	63.6 (63.1-64.1)	36.5 (36.2-36.8)
Glomerulonephritis	96.8 (96.4-97.1)	90.8 (90.3-91.3)	84.4 (83.7-84.9)	68.4 (67.8-69.0)
Other cause	92.5 (92.2-92.7)	80.7 (80.4-81.1)	70.2 (69.8-70.5)	49.4 (49.1-49.6)
All	92.8 (92.7-93.0)	80.8 (80.6-81.0)	69.1 (68.9-69.3)	46.1 (45.9-46.3)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.2

90-day, one-, two- and five-year survival probabilities (cohort 1999-2003): Incident RRT patients, adjusted
from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.4 (98.9-99.9)	97.0 (95.9-98.2)	96.2 (94.9-97.5)	93.8 (92.1-95.4)
20-44	98.5 (98.3-98.8)	95.7 (95.3-96.1)	92.3 (91.8-92.8)	85.0 (84.3-85.7)
45-64	96.0 (95.8-96.3)	88.4 (88.0-88.8)	79.9 (79.4-80.4)	60.7 (60.1-61.3)
65-74	92.6 (92.2-92.9)	78.7 (78.2-79.3)	65.0 (64.4-65.6)	35.2 (34.5-35.8)
75+	87.5 (87.0-88.0)	68.1 (67.4-68.8)	49.9 (49.2-50.7)	18.2 (17.6-18.8)
Men	95.6 (95.4-95.7)	87.2 (86.9-87.5)	77.9 (77.5-78.2)	54.7 (54.2-55.2)
Women	95.7 (95.5-95.9)	87.6 (87.3-87.9)	78.8 (78.4-79.2)	57.0 (56.4-57.6)
Diabetes	95.4 (95.1-95.6)	84.7 (84.2-85.2)	71.5 (70.8-72.1)	41.3 (40.6-42.1)
Hypertension / renal vascular disease	95.8 (95.5-96.0)	87.6 (87.2-88.1)	78.6 (78.0-79.2)	55.4 (54.6-56.3)
Glomerulonephritis	97.1 (96.8-97.4)	91.5 (91.0-92.1)	85.1 (84.4-85.8)	66.9 (66.0-67.9)
Other cause	95.0 (94.8-95.1)	86.4 (86.1-86.8)	77.9 (77.5-78.3)	57.3 (56.8-57.9)
All	95.6 (95.5-95.7)	87.4 (87.2-87.6)	78.3 (78.0-78.6)	55.6 (55.2-56.0)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.3

One-, two- and five-year survival probabilities (cohort 1999-2003): Incident RRT patients, unadjusted
from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.4 (96.2-98.3)	96.7 (95.4-97.7)	94.2 (92.5-95.5)
20-44	96.2 (95.8-96.5)	92.7 (92.2-93.2)	85.6 (85.0-86.1)
45-64	89.1 (88.7-89.4)	80.4 (80.0-80.8)	60.3 (59.9-60.7)
65-74	79.8 (79.4-80.2)	65.1 (64.6-65.5)	34.0 (33.7-34.2)
75+	71.4 (70.8-71.9)	51.6 (51.2-52.0)	18.1 (18.0-18.2)
Men	83.8 (83.5-84.0)	71.6 (71.3-71.9)	47.4 (47.2-47.7)
Women	83.4 (83.1-83.8)	71.7 (71.3-72.1)	47.6 (47.4-47.9)
Diabetes	80.6 (80.1-81.1)	64.8 (64.3-65.3)	34.2 (34.0-34.5)
Hypertension / renal vascular disease	80.5 (80.0-81.1)	66.0 (65.4-66.5)	37.8 (37.4-38.1)
Glomerulonephritis	92.2 (91.6-92.6)	85.5 (84.8-86.0)	68.9 (68.3-69.6)
Other cause	84.2 (83.9-84.5)	73.4 (73.0-73.7)	51.3 (51.0-51.6)
All	83.6 (83.4-83.9)	71.6 (71.4-71.9)	47.5 (47.3-47.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.4

One-, two- and five-year survival probabilities (cohort 1999-2003): Incident RRT patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.2 (96.0-98.4)	96.4 (95.1-97.7)	93.6 (91.8-95.3)
20-44	96.2 (95.8-96.6)	92.6 (92.1-93.2)	85.4 (84.7-86.1)
45-64	89.8 (89.4-90.2)	81.4 (80.9-81.9)	61.8 (61.2-62.5)
65-74	81.3 (80.8-81.9)	67.2 (66.6-67.8)	36.4 (35.7-37.1)
75+	72.4 (71.6-73.1)	52.9 (52.1-53.7)	19.2 (18.6-19.9)
Men	88.9 (88.6-89.1)	79.3 (78.9-79.6)	55.7 (55.2-56.2)
Women	89.2 (88.9-89.6)	80.4 (79.9-80.8)	58.0 (57.4-58.7)
Diabetes	85.2 (84.7-85.7)	71.9 (71.2-72.6)	41.3 (40.5-42.1)
Hypertension / renal vascular disease	89.2 (88.8-89.7)	79.8 (79.2-80.5)	56.4 (55.5-57.3)
Glomerulonephritis	92.7 (92.2-93.2)	86.0 (85.3-86.7)	67.6 (66.7-68.6)
Other cause	88.7 (88.4-89.0)	80.0 (79.6-80.4)	58.8 (58.3-59.4)
All	89.0 (88.8-89.2)	79.7 (79.4-80.0)	56.6 (56.2-57.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.5
90-day, one- and two-year survival probabilities (cohort 2002-2006): Incident RRT patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	99.1 (98.2-99.5)	96.4 (95.1-97.4)	95.6 (94.2-96.7)
20-44	98.8 (98.6-99.0)	96.2 (95.9-96.5)	93.2 (92.8-93.6)
45-64	96.1 (95.9-96.3)	88.7 (88.4-89.0)	80.9 (80.6-81.3)
65-74	92.4 (92.1-92.7)	78.3 (77.9-78.7)	64.9 (64.5-65.3)
75+	87.6 (87.2-88.0)	68.6 (68.2-69.0)	51.3 (51.0-51.6)
Men	93.4 (93.2-93.6)	81.7 (81.4-82.0)	70.4 (70.1-70.6)
Women	92.8 (92.6-93.1)	81.1 (80.8-81.5)	70.3 (69.9-70.6)
Diabetes	94.0 (93.7-94.3)	81.1 (80.7-81.6)	67.0 (66.6-67.5)
Hypertension / renal vascular disease	92.7 (92.3-93.1)	79.1 (78.6-79.6)	65.7 (65.2-66.2)
Glomerulonephritis	97.1 (96.8-97.4)	91.3 (90.8-91.7)	84.7 (84.1-85.2)
Other cause	92.5 (92.3-92.7)	80.7 (80.4-81.0)	70.5 (70.2-70.8)
All	93.2 (93.0-93.3)	81.5 (81.3-81.7)	70.3 (70.1-70.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.6
90-day, one- and two-year survival probabilities (cohort 2002-2006): Incident RRT patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	99.0 (98.3-99.6)	96.1 (94.8-97.4)	95.3 (93.8-96.7)
20-44	98.8 (98.6-99.0)	96.2 (95.8-96.5)	93.2 (92.7-93.6)
45-64	96.3 (96.1-96.6)	89.3 (88.9-89.6)	81.7 (81.3-82.2)
65-74	93.1 (92.8-93.4)	79.8 (79.3-80.3)	66.9 (66.3-67.5)
75+	88.5 (88.1-88.9)	70.1 (69.5-70.7)	53.0 (52.3-53.6)
Men	95.9 (95.8-96.1)	87.9 (87.7-88.2)	79.2 (78.9-79.5)
Women	95.7 (95.6-95.9)	88.0 (87.7-88.3)	79.9 (79.5-80.3)
Diabetes	95.8 (95.6-96.0)	86.2 (85.8-86.6)	74.7 (74.2-75.3)
Hypertension / renal vascular disease	96.2 (96.0-96.5)	88.7 (88.3-89.1)	80.2 (79.6-80.7)
Glomerulonephritis	97.5 (97.2-97.7)	92.2 (91.7-92.6)	85.8 (85.1-86.4)
Other cause	95.0 (94.8-95.2)	86.6 (86.3-86.9)	78.5 (78.1-78.9)
All	95.9 (95.7-96.0)	88.0 (87.8-88.2)	79.5 (79.2-79.8)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.7
One- and two-year survival probabilities (cohort 2002-2006): Incident RRT patients, unadjusted
from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	96.8 (95.4-97.7)	96.1 (94.6-97.2)
20-44	96.6 (96.2-96.9)	93.5 (93.0-93.9)
45-64	90.0 (89.7-90.4)	82.2 (81.8-82.5)
65-74	80.9 (80.5-81.3)	67.2 (66.8-67.6)
75+	73.2 (72.8-73.6)	54.2 (53.8-54.6)
Men	84.2 (84.0-84.5)	72.5 (72.2-72.8)
Women	84.2 (83.8-84.5)	72.9 (72.6-73.3)
Diabetes	82.5 (82.0-82.9)	67.6 (67.1-68.0)
Hypertension / renal vascular disease	81.5 (81.0-82.0)	67.6 (67.1-68.1)
Glomerulonephritis	92.2 (91.7-92.7)	85.5 (84.9-86.0)
Other cause	84.1 (83.8-84.4)	73.6 (73.3-74.0)
All	84.2 (84.0-84.4)	72.6 (72.4-72.9)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.8
One- and two-year survival probabilities (cohort 2002-2006): Incident RRT patients, adjusted
from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	96.3 (95.0-97.7)	95.7 (94.2-97.1)
20-44	96.5 (96.2-96.8)	93.4 (92.9-93.8)
45-64	90.5 (90.2-90.9)	83.0 (82.6-83.5)
65-74	82.2 (81.7-82.7)	69.2 (68.7-69.8)
75+	74.2 (73.6-74.8)	55.9 (55.2-56.6)
Men	89.3 (89.1-89.6)	80.4 (80.1-80.8)
Women	89.7 (89.4-90.0)	81.5 (81.1-81.9)
Diabetes	87.0 (86.6-87.4)	75.0 (74.5-75.6)
Hypertension / renal vascular disease	89.8 (89.4-90.2)	81.2 (80.7-81.8)
Glomerulonephritis	92.9 (92.4-93.3)	86.4 (85.8-87.1)
Other cause	88.8 (88.5-89.1)	80.7 (80.3-81.0)
All	89.5 (89.3-89.7)	80.9 (80.6-81.2)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.9

90-day, one-, two- and five-year survival probabilities (cohort 1999-2003): Incident dialysis patients, unadjusted
from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.5 (98.6-99.8)	97.1 (95.5-98.1)	96.3 (94.3-97.5)	90.1 (86.0-93.0)
20-44	98.4 (98.2-98.7)	95.1 (94.7-95.5)	90.7 (90.1-91.2)	77.6 (76.7-78.5)
45-64	95.7 (95.4-95.9)	87.2 (86.8-87.6)	77.3 (76.8-77.7)	51.9 (51.5-52.3)
65-74	91.4 (91.0-91.7)	76.5 (76.0-76.9)	61.6 (61.2-62.0)	30.4 (30.2-30.6)
75+	86.7 (86.2-87.1)	66.5 (66.0-67.0)	48.0 (47.6-48.4)	16.8 (16.7-16.9)
Men	92.8 (92.6-93.0)	80.4 (80.1-80.7)	67.2 (66.9-67.5)	37.8 (37.6-38.0)
Women	92.7 (92.4-92.9)	80.0 (79.6-80.4)	67.2 (66.8-67.6)	39.0 (38.7-39.2)
Diabetes	93.5 (93.2-93.9)	79.1 (78.6-79.6)	62.2 (61.7-62.7)	28.0 (27.8-28.2)
Hypertension / renal vascular disease	91.5 (91.1-92.0)	77.0 (76.4-77.5)	62.5 (61.9-63.0)	31.7 (31.4-32.0)
Glomerulonephritis	96.5 (96.2-96.9)	90.2 (89.7-90.8)	82.6 (81.9-83.2)	58.2 (57.5-58.9)
Other cause	92.5 (92.2-92.7)	80.4 (80.1-80.7)	68.5 (68.1-68.9)	42.0 (41.8-42.3)
All	92.8 (92.6-92.9)	80.3 (80.0-80.5)	67.2 (67.0-67.5)	38.3 (38.1-38.4)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.10
90-day, one-, two- and five-year survival probabilities (cohort 1999-2003): Incident dialysis patients, adjusted
from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.4 (98.9-100.0)	96.9 (95.5-98.4)	95.7 (93.8-97.7)	86.4 (80.8-92.3)
20-44	98.5 (98.2-98.7)	95.2 (94.8-95.7)	90.7 (90.1-91.4)	76.6 (75.4-77.8)
45-64	96.0 (95.8-96.3)	88.1 (87.7-88.5)	78.6 (78.0-79.1)	52.6 (51.8-53.4)
65-74	92.2 (91.8-92.5)	78.1 (77.6-78.7)	63.8 (63.2-64.5)	31.9 (31.2-32.5)
75+	87.3 (86.8-87.9)	67.7 (67.0-68.4)	49.4 (48.6-50.2)	17.3 (16.7-17.9)
Men	94.9 (94.8-95.1)	85.5 (85.2-85.9)	74.8 (74.4-75.3)	46.9 (46.3-47.5)
Women	95.0 (94.8-95.3)	85.8 (85.4-86.2)	75.7 (75.2-76.2)	49.8 (49.1-50.5)
Diabetes	94.8 (94.5-95.1)	82.8 (82.3-83.4)	68.2 (67.4-68.9)	33.9 (33.1-34.7)
Hypertension / renal vascular disease	94.9 (94.5-95.2)	85.3 (84.8-85.9)	74.9 (74.2-75.6)	47.6 (46.6-48.6)
Glomerulonephritis	96.7 (96.4-97.1)	90.7 (90.1-91.3)	83.4 (82.6-84.2)	59.1 (57.9-60.4)
Other cause	94.3 (94.1-94.6)	84.9 (84.5-85.2)	75.0 (74.6-75.5)	50.4 (49.8-51.1)
All	95.0 (94.8-95.1)	85.7 (85.4-85.9)	75.2 (74.9-75.6)	48.1 (47.6-48.6)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.11
One-, two- and five-year survival probabilities (cohort 1999-2003): Incident dialysis patients, unadjusted
from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.5 (95.8-98.5)	96.6 (94.5-97.8)	89.1 (84.5-92.4)
20-44	95.6 (95.2-96.0)	90.9 (90.2-91.5)	77.8 (76.8-78.7)
45-64	88.4 (88.0-88.8)	78.5 (78.1-79.0)	52.3 (51.9-52.7)
65-74	79.4 (79.0-79.9)	63.9 (63.5-64.3)	31.4 (31.2-31.6)
75+	71.1 (70.5-71.6)	51.3 (50.9-51.7)	17.8 (17.7-17.9)
Men	83.1 (82.8-83.4)	69.2 (68.9-69.6)	38.8 (38.6-39.0)
Women	82.7 (82.3-83.1)	69.7 (69.2-70.1)	40.1 (39.9-40.4)
Diabetes	79.8 (79.3-80.3)	62.8 (62.3-63.3)	27.9 (27.6-28.1)
Hypertension / renal vascular disease	80.2 (79.6-80.8)	64.7 (64.1-65.3)	32.8 (32.5-33.1)
Glomerulonephritis	91.7 (91.2-92.3)	83.4 (82.7-84.1)	58.3 (57.5-59.0)
Other cause	83.5 (83.2-83.9)	71.3 (70.9-71.7)	43.5 (43.3-43.8)
All	82.9 (82.7-83.2)	69.4 (69.1-69.7)	39.3 (39.2-39.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.12

One-, two- and five-year survival probabilities (cohort 1999-2003): Incident dialysis patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.4 (96.1-98.8)	96.2 (94.3-98.2)	85.2 (79.1-91.9)
20-44	95.7 (95.3-96.2)	90.9 (90.3-91.6)	76.8 (75.6-78.1)
45-64	89.2 (88.8-89.6)	79.8 (79.2-80.3)	53.1 (52.3-53.9)
65-74	80.8 (80.3-81.4)	65.8 (65.2-66.5)	32.8 (32.1-33.6)
75+	71.9 (71.1-72.6)	52.3 (51.4-53.1)	18.1 (17.4-18.8)
Men	87.3 (87.0-87.6)	76.1 (75.7-76.6)	47.4 (46.8-48.1)
Women	87.5 (87.1-87.9)	77.2 (76.7-77.7)	50.4 (49.7-51.2)
Diabetes	83.2 (82.7-83.8)	68.4 (67.6-69.2)	33.6 (32.7-34.5)
Hypertension / renal vascular disease	87.3 (86.7-87.8)	76.2 (75.5-76.9)	48.1 (47.1-49.1)
Glomerulonephritis	92.1 (91.5-92.7)	84.3 (83.5-85.1)	59.3 (58.0-60.6)
Other cause	87.1 (86.8-87.5)	77.0 (76.5-77.5)	51.4 (50.8-52.1)
All	87.4 (87.1-87.6)	76.6 (76.2-76.9)	48.7 (48.1-49.2)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.13

90-day, one- and two-year survival probabilities (cohort 2002-2006): Incident dialysis patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.9 (97.8-99.4)	95.6 (93.7-96.9)	94.7 (92.5-96.2)
20-44	98.7 (98.5-98.9)	95.8 (95.4-96.1)	91.7 (91.2-92.2)
45-64	96.1 (95.8-96.3)	88.2 (87.9-88.6)	79.4 (79.0-79.8)
65-74	92.4 (92.0-92.6)	78.1 (77.7-78.5)	64.4 (64.1-64.8)
75+	87.6 (87.3-88.0)	68.6 (68.2-69.0)	51.2 (50.9-51.6)
Men	93.2 (93.0-93.4)	81.0 (80.7-81.3)	68.4 (68.1-68.7)
Women	92.7 (92.4-92.9)	80.4 (80.1-80.7)	68.4 (68.0-68.7)
Diabetes	94.0 (93.6-94.3)	80.8 (80.3-81.2)	65.9 (65.4-66.3)
Hypertension / renal vascular disease	92.7 (92.3-93.1)	78.9 (78.3-79.4)	64.8 (64.3-65.3)
Glomerulonephritis	97.0 (96.7-97.3)	90.7 (90.1-91.2)	82.6 (82.0-83.2)
Other cause	92.3 (92.1-92.6)	79.9 (79.6-80.2)	68.4 (68.1-68.8)
All	93.0 (92.9-93.2)	80.8 (80.6-81.0)	68.4 (68.2-68.6)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.14

90-day, one- and two-year survival probabilities (cohort 2002-2006): Incident dialysis patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.8 (97.9-99.6)	95.3 (93.5-97.1)	94.3 (92.2-96.4)
20-44	98.8 (98.6-99.0)	95.9 (95.5-96.2)	91.7 (91.2-92.3)
45-64	96.3 (96.1-96.5)	88.9 (88.5-89.3)	80.4 (79.9-80.9)
65-74	93.0 (92.7-93.3)	79.5 (79.0-80.0)	66.3 (65.7-66.9)
75+	88.4 (88.0-88.8)	69.9 (69.3-70.5)	52.7 (52.1-53.4)
Men	95.5 (95.4-95.7)	86.8 (86.5-87.1)	77.1 (76.7-77.5)
Women	95.3 (95.1-95.5)	86.8 (86.5-87.2)	77.9 (77.4-78.3)
Diabetes	95.5 (95.3-95.7)	85.3 (84.8-85.7)	73.0 (72.4-73.5)
Hypertension / renal vascular disease	95.8 (95.6-96.1)	87.4 (87.0-87.9)	78.0 (77.4-78.6)
Glomerulonephritis	97.3 (97.0-97.6)	91.6 (91.1-92.1)	84.3 (83.6-85.0)
Other cause	94.5 (94.4-94.7)	85.3 (85.0-85.7)	76.4 (75.9-76.8)
All	95.5 (95.3-95.6)	86.8 (86.6-87.0)	77.4 (77.1-77.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.15

One- and two-year survival probabilities (cohort 2002-2006): Incident dialysis patients, unadjusted
from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	96.1 (94.2-97.5)	95.4 (93.2-96.9)
20-44	96.1 (95.7-96.5)	91.8 (91.2-92.3)
45-64	89.4 (89.1-89.8)	80.4 (80.0-80.8)
65-74	80.7 (80.3-81.1)	66.6 (66.2-67.1)
75+	73.2 (72.7-73.6)	54.2 (53.8-54.5)
Men	83.4 (83.2-83.7)	70.2 (69.9-70.5)
Women	83.4 (83.1-83.8)	70.8 (70.5-71.2)
Diabetes	82.1 (81.6-82.5)	66.3 (65.8-66.7)
Hypertension / renal vascular disease	81.1 (80.6-81.6)	66.5 (65.9-67.0)
Glomerulonephritis	91.5 (90.9-92.0)	83.1 (82.4-83.7)
Other cause	83.3 (82.9-83.6)	71.4 (71.0-71.7)
All	83.4 (83.2-83.6)	70.5 (70.2-70.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.16
One- and two-year survival probabilities (cohort 2002-2006): Incident dialysis patients, adjusted
from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	96.1 (95.7-96.5)	91.8 (91.2-92.4)
45-64	90.0 (89.6-90.4)	81.5 (81.0-82.0)
65-74	81.8 (81.4-82.3)	68.5 (67.9-69.1)
75+	74.0 (73.4-74.6)	55.6 (54.9-56.3)
Men	88.2 (87.9-88.5)	78.2 (77.9-78.6)
Women	88.6 (88.3-88.9)	79.4 (78.9-79.8)
Diabetes	86.0 (85.6-86.5)	73.2 (72.5-73.8)
Hypertension / renal vascular disease	88.6 (88.1-89.0)	78.9 (78.3-79.6)
Glomerulonephritis	92.3 (91.7-92.8)	84.8 (84.1-85.5)
Other cause	87.6 (87.3-88.0)	78.5 (78.0-78.9)
All	88.4 (88.1-88.6)	78.7 (78.4-79.0)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.17

One-, two- and five-year survival probabilities (cohort 1999-2003): First transplant patients (deceased donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.2 (96.4-99.1)	97.0 (95.0-98.2)	95.1 (92.8-96.7)
20-44	97.7 (97.2-98.1)	96.8 (96.3-97.3)	93.3 (92.5-93.9)
45-64	94.9 (94.3-95.4)	92.5 (91.9-93.1)	84.1 (83.3-84.9)
65+	88.8 (87.0-90.4)	84.6 (82.7-86.4)	69.8 (67.8-71.6)
Men	95.4 (94.9-95.8)	93.4 (92.9-94.0)	86.4 (85.7-87.1)
Women	95.7 (95.1-96.3)	93.8 (93.1-94.4)	87.0 (86.1-87.9)
Diabetes	93.6 (92.3-94.6)	90.8 (89.5-92.0)	81.4 (79.8-82.9)
Hypertension / renal vascular disease	93.1 (91.5-94.3)	90.2 (88.5-91.6)	81.2 (79.3-83.0)
Glomerulonephritis	96.8 (96.1-97.3)	95.2 (94.5-95.9)	89.8 (88.8-90.8)
Other cause	95.9 (95.4-96.3)	94.2 (93.6-94.7)	87.4 (86.7-88.1)
All	95.5 (95.1-95.8)	93.6 (93.1-94.0)	86.6 (86.1-87.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.18

One-, two- and five-year survival probabilities (cohort 1999-2003): First transplant patients (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	97.8 (97.4-98.3)	97.0 (96.5-97.5)	93.7 (93.0-94.4)
45-64	95.1 (94.6-95.7)	92.9 (92.3-93.6)	84.8 (83.9-85.7)
65+	89.5 (87.7-91.3)	85.5 (83.5-87.6)	71.2 (68.5-73.9)
Men	96.8 (96.5-97.2)	95.5 (95.1-95.9)	90.3 (89.6-91.0)
Women	96.9 (96.5-97.4)	95.5 (94.9-96.0)	90.3 (89.5-91.1)
Diabetes	94.9 (93.9-95.9)	92.7 (91.5-93.8)	84.7 (83.1-86.4)
Hypertension / renal vascular disease	96.1 (95.2-97.0)	94.4 (93.4-95.5)	89.0 (87.4-90.5)
Glomerulonephritis	97.5 (97.0-98.0)	96.3 (95.7-96.9)	91.9 (90.9-92.8)
Other cause	97.0 (96.6-97.4)	95.7 (95.2-96.1)	90.5 (89.7-91.2)
All	96.9 (96.6-97.2)	95.5 (95.1-95.9)	90.3 (89.8-90.9)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.19

One- and two-year survival probabilities (cohort 2002-2006): First transplant patients (deceased donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	98.3 (96.6-99.1)	97.4 (95.6-98.5)
20-44	98.1 (97.6-98.4)	97.3 (96.8-97.7)
45-64	95.2 (94.7-95.7)	92.9 (92.3-93.4)
65+	88.2 (86.6-89.6)	84.4 (82.7-86.0)
Men	95.4 (94.9-95.8)	93.5 (93.0-94.0)
Women	96.0 (95.5-96.5)	94.0 (93.4-94.6)
Diabetes	93.2 (92.1-94.2)	90.6 (89.3-91.7)
Hypertension / renal vascular disease	93.5 (92.2-94.5)	90.8 (89.3-92.0)
Glomerulonephritis	96.9 (96.3-97.5)	95.7 (95.0-96.3)
Other cause	96.2 (95.7-96.6)	94.4 (93.8-94.9)
All	95.6 (95.3-95.9)	93.7 (93.3-94.1)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)*

Table A.6.20

One- and two-year survival probabilities (cohort 2002-2006): First transplant patients (deceased donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	98.2 (97.8-98.5)	97.4 (97.0-97.8)
45-64	95.6 (95.1-96.0)	93.4 (92.8-94.0)
65+	89.1 (87.5-90.8)	85.6 (83.8-87.5)
Men	97.0 (96.6-97.3)	95.7 (95.3-96.1)
Women	97.2 (96.8-97.6)	95.8 (95.3-96.3)
Diabetes	95.1 (94.2-95.9)	93.1 (92.1-94.1)
Hypertension / renal vascular disease	96.4 (95.6-97.1)	94.8 (93.9-95.7)
Glomerulonephritis	97.6 (97.2-98.1)	96.7 (96.1-97.2)
Other cause	97.2 (96.8-97.6)	95.9 (95.4-96.3)
All	97.1 (96.8-97.3)	95.8 (95.4-96.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.21

One-, two- and five-year survival probabilities (cohort 1999-2003): First transplant patients (living donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.2 (96.1-99.2)	98.2 (96.1-99.2)	97.3 (94.9-98.6)
20-44	98.8 (98.1-99.2)	98.4 (97.6-98.9)	96.4 (95.4-97.2)
45-64	95.9 (94.6-97.0)	94.6 (93.1-95.8)	90.4 (88.6-91.9)
65+	92.5 (86.2-95.9)	88.7 (82.0-93.0)	83.0 (76.1-88.1)
Men	97.2 (96.4-97.8)	96.5 (95.6-97.2)	93.8 (92.8-94.8)
Women	98.2 (97.2-98.8)	97.3 (96.1-98.1)	94.5 (93.0-95.7)
Diabetes	93.9 (90.2-96.2)	92.2 (88.3-94.8)	85.6 (81.2-89.1)
Hypertension / renal vascular disease	97.6 (94.4-99.0)	96.1 (92.6-98.0)	90.8 (86.5-93.8)
Glomerulonephritis	98.7 (97.7-99.2)	98.0 (96.8-98.7)	96.6 (95.3-97.6)
Other cause	97.3 (96.4-98.0)	96.6 (95.6-97.4)	93.9 (92.7-95.0)
All	97.6 (97.0-98.1)	96.8 (96.1-97.3)	94.1 (93.2-94.8)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.22

One-, two- and five-year survival probabilities (cohort 1999-2003): First transplant patients (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	98.8 (98.3-99.3)	98.3 (97.7-99.0)	96.5 (95.6-97.4)
45-64	96.0 (94.8-97.3)	94.7 (93.3-96.2)	90.5 (88.6-92.4)
65+			
Men	97.1 (96.4-97.9)	96.4 (95.5-97.3)	93.6 (92.4-94.8)
Women	98.0 (97.1-98.9)	97.0 (95.9-98.1)	93.8 (92.3-95.4)
Diabetes	94.0 (91.0-97.1)	92.3 (88.9-95.8)	85.8 (81.4-90.4)
Hypertension / renal vascular disease			
Glomerulonephritis	98.5 (97.7-99.4)	97.8 (96.8-98.8)	96.3 (95.0-97.6)
Other cause	97.0 (96.1-97.9)	96.2 (95.2-97.2)	93.1 (91.8-94.5)
All	97.5 (96.9-98.1)	96.6 (95.9-97.3)	93.7 (92.8-94.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.23

One- and two-year survival probabilities (cohort 2002-2006): First transplant patients (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	98.3 (96.3-99.2)	98.3 (96.3-99.2)
20-44	99.0 (98.4-99.3)	98.4 (97.8-98.9)
45-64	97.0 (96.0-97.7)	96.0 (94.9-96.9)
65+	92.9 (88.7-95.6)	89.8 (85.3-93.0)
Men	97.6 (96.9-98.1)	96.9 (96.1-97.5)
Women	98.5 (97.7-99.0)	97.5 (96.6-98.2)
Diabetes	94.3 (91.3-96.3)	92.1 (88.8-94.4)
Hypertension / renal vascular disease	97.2 (94.8-98.5)	96.2 (93.6-97.8)
Glomerulonephritis	99.1 (98.4-99.6)	98.6 (97.7-99.1)
Other cause	97.8 (97.0-98.3)	97.1 (96.3-97.7)
All	97.9 (97.4-98.3)	97.1 (96.5-97.6)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.24

One- and two-year survival probabilities (cohort 2002-2006): First transplant patients (living donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	99.0 (98.5-99.4)	98.4 (97.8-99.0)
45-64	97.3 (96.4-98.1)	96.3 (95.3-97.3)
65+		
Men	97.8 (97.2-98.4)	97.2 (96.5-97.9)
Women	98.4 (97.8-99.1)	97.5 (96.7-98.4)
Diabetes	95.1 (92.9-97.4)	93.2 (90.6-95.9)
Hypertension / renal vascular disease		
Glomerulonephritis		
Other cause	97.6 (96.9-98.3)	96.9 (96.1-97.7)
All	98.1 (97.6-98.5)	97.3 (96.8-97.9)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.25

One-, two- and five-year survival probabilities (cohort 1999-2003): First graft (deceased donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	92.1 (89.4-94.2)	88.2 (85.2-90.6)	79.6 (76.4-82.4)
20-44	91.7 (90.9-92.4)	89.6 (88.8-90.4)	81.8 (80.8-82.7)
45-64	89.8 (89.0-90.4)	86.7 (85.9-87.4)	76.8 (76.0-77.7)
65+	83.6 (81.6-85.4)	77.9 (75.9-79.7)	63.3 (61.4-65.1)
Men	90.1 (89.4-90.7)	87.0 (86.3-87.7)	77.4 (76.6-78.1)
Women	89.9 (89.1-90.7)	87.1 (86.2-87.9)	77.9 (76.9-78.8)
Diabetes	90.1 (88.7-91.3)	86.7 (85.2-88.0)	75.6 (74.0-77.1)
Hypertension / renal vascular disease	86.4 (84.5-88.0)	82.1 (80.2-83.9)	71.5 (69.5-73.3)
Glomerulonephritis	91.0 (90.1-91.9)	88.6 (87.6-89.6)	79.5 (78.3-80.7)
Other cause	90.2 (89.5-90.9)	87.4 (86.6-88.1)	78.2 (77.4-79.0)
All	90.0 (89.5-90.5)	87.0 (86.5-87.6)	77.6 (77.0-78.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.26

One-, two- and five-year survival probabilities (cohort 1999-2003): First graft (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	91.6 (88.9-94.3)	87.3 (84.1-90.7)	78.4 (74.5-82.5)
20-44	91.9 (91.1-92.7)	89.8 (88.9-90.7)	82.1 (81.0-83.2)
45-64	90.0 (89.2-90.7)	87.0 (86.2-87.9)	77.2 (76.1-78.3)
65+	84.3 (82.1-86.5)	78.7 (76.2-81.1)	64.3 (61.5-67.2)
Men	90.9 (90.2-91.5)	88.1 (87.4-88.8)	79.0 (78.0-79.9)
Women	90.6 (89.7-91.4)	87.8 (86.9-88.8)	79.0 (77.8-80.2)
Diabetes	90.5 (89.1-91.9)	87.2 (85.7-88.9)	76.5 (74.4-78.5)
Hypertension / renal vascular disease	88.4 (86.7-90.2)	84.7 (82.7-86.7)	75.2 (72.8-77.7)
Glomerulonephritis	91.4 (90.4-92.4)	89.0 (87.9-90.1)	80.2 (78.8-81.6)
Other cause	90.7 (90.0-91.5)	88.0 (87.2-88.8)	79.2 (78.2-80.3)
All	90.8 (90.3-91.3)	88.0 (87.4-88.6)	79.0 (78.2-79.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.27

One- and two-year survival probabilities (cohort 2002-2006): First graft (deceased donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	91.2 (88.5-93.3)	89.5 (86.7-91.7)
20-44	92.5 (91.7-93.1)	90.0 (89.2-90.8)
45-64	89.8 (89.2-90.4)	87.0 (86.3-87.7)
65+	81.4 (79.7-83.1)	77.1 (75.3-78.8)
Men	90.1 (89.5-90.6)	87.2 (86.6-87.8)
Women	89.8 (89.0-90.5)	87.1 (86.3-87.9)
Diabetes	89.3 (88.0-90.4)	85.9 (84.5-87.1)
Hypertension / renal vascular disease	87.2 (85.6-88.6)	83.3 (81.6-84.8)
Glomerulonephritis	91.1 (90.2-92.0)	88.8 (87.8-89.8)
Other cause	90.3 (89.6-90.9)	87.6 (86.9-88.3)
All	90.0 (89.5-90.4)	87.2 (86.7-87.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.28

One- and two-year survival probabilities (cohort 2002-2006): First graft (deceased donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	90.8 (88.1-93.5)	89.0 (86.1-91.9)
20-44	92.6 (91.9-93.4)	90.2 (89.4-91.1)
45-64	90.1 (89.4-90.8)	87.4 (86.6-88.2)
65+	82.4 (80.4-84.4)	78.1 (76.0-80.4)
Men	91.1 (90.5-91.7)	88.5 (87.8-89.2)
Women	90.6 (89.8-91.4)	88.1 (87.2-89.0)
Diabetes	90.1 (88.8-91.4)	86.9 (85.5-88.4)
Hypertension / renal vascular disease	89.1 (87.6-90.7)	85.8 (84.1-87.5)
Glomerulonephritis	91.5 (90.6-92.5)	89.3 (88.3-90.4)
Other cause	90.9 (90.2-91.5)	88.4 (87.6-89.1)
All	90.9 (90.4-91.4)	88.3 (87.8-88.9)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.29

One-, two- and five-year survival probabilities (cohort 1999-2003): First graft (living donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	94.9 (92.1-96.7)	93.7 (90.7-95.7)	85.8 (82.2-88.7)
20-44	95.0 (93.9-95.9)	93.5 (92.2-94.5)	87.6 (86.1-88.9)
45-64	93.8 (92.2-95.1)	91.8 (90.0-93.2)	84.9 (82.9-86.7)
65+	88.7 (82.0-93.0)	84.9 (78.0-89.8)	78.3 (71.4-83.7)
Men	94.6 (93.6-95.5)	93.0 (91.9-94.0)	86.4 (85.0-87.7)
Women	94.0 (92.5-95.2)	92.0 (90.3-93.3)	85.8 (83.9-87.5)
Diabetes	91.7 (87.8-94.5)	88.7 (84.5-91.8)	78.2 (73.7-82.1)
Hypertension / renal vascular disease	94.7 (90.9-96.9)	90.8 (86.5-93.8)	79.7 (74.9-83.7)
Glomerulonephritis	95.2 (93.6-96.3)	94.2 (92.5-95.4)	88.4 (86.4-90.1)
Other cause	94.1 (92.9-95.1)	92.2 (90.9-93.4)	86.2 (84.6-87.6)
All	94.4 (93.5-95.1)	92.6 (91.7-93.4)	86.2 (85.1-87.2)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.30

One-, two- and five-year survival probabilities (cohort 1999-2003): First graft (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	93.9 (91.2-96.7)	91.8 (88.7-95.0)	82.3 (77.9-86.9)
20-44	93.3 (92.0-94.5)	91.3 (89.9-92.8)	84.3 (82.5-86.2)
45-64	91.6 (89.8-93.4)	89.9 (87.9-91.8)	82.4 (79.9-84.9)
65+			
Men	92.7 (91.4-93.9)	90.9 (89.6-92.3)	82.9 (81.1-84.8)
Women	91.4 (89.6-93.2)	89.0 (87.0-91.0)	82.1 (79.6-84.6)
Diabetes	88.6 (84.6-92.8)	86.8 (82.6-91.3)	73.9 (68.3-80.0)
Hypertension / renal vascular disease	90.9 (87.1-94.9)	87.6 (83.2-92.2)	77.3 (71.7-83.2)
Glomerulonephritis	93.9 (92.3-95.5)	91.8 (89.9-93.7)	84.8 (82.3-87.4)
Other cause	91.9 (90.4-93.3)	90.1 (88.5-91.7)	83.3 (81.3-85.4)
All	92.2 (91.2-93.2)	90.2 (89.1-91.4)	82.6 (81.1-84.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.31

One- and two-year survival probabilities (cohort 2002-2006): First graft (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	93.8 (91.0-95.8)	92.7 (89.7-94.8)
20-44	94.9 (93.9-95.7)	93.2 (92.1-94.2)
45-64	94.8 (93.6-95.8)	93.4 (92.1-94.5)
65+	88.8 (84.2-92.1)	84.7 (79.9-88.5)
Men	94.4 (93.4-95.2)	92.8 (91.8-93.7)
Women	94.7 (93.4-95.7)	92.8 (91.4-93.9)
Diabetes	90.5 (87.1-93.1)	87.7 (84.1-90.5)
Hypertension / renal vascular disease	93.4 (90.4-95.5)	90.9 (87.6-93.4)
Glomerulonephritis	95.7 (94.4-96.8)	93.6 (92.1-94.9)
Other cause	94.0 (92.9-95.0)	92.8 (91.6-93.8)
All	94.5 (93.7-95.1)	92.8 (92.0-93.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Table A.6.32
One- and two-year survival probabilities (cohort 2002-2006): First graft (living donor), adjusted
from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	93.6 (90.9-96.3)	92.3 (89.3-95.3)
20-44	94.6 (93.5-95.6)	92.8 (91.6-94.0)
45-64	94.7 (93.5-95.9)	93.2 (91.8-94.6)
65+	89.6 (85.3-94.1)	86.4 (81.6-91.5)
Men	94.2 (93.3-95.2)	92.6 (91.6-93.7)
Women	94.2 (92.9-95.5)	92.2 (90.7-93.7)
Diabetes	90.6 (87.4-93.8)	87.7 (84.2-91.4)
Hypertension / renal vascular disease	93.5 (90.8-96.2)	91.0 (87.9-94.2)
Glomerulonephritis	95.6 (94.4-96.9)	93.5 (92.0-95.0)
Other cause	93.9 (92.8-95.0)	92.7 (91.5-93.9)
All	94.2 (93.4-95.0)	92.5 (91.6-93.4)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

Figure A.6.1
Adjusted survival (cohort 1999-2003):
Incident dialysis patients and patients receiving
a first transplant (between 1999 and 2003)
from day 91, by modality,
adjusted for age, gender, and primary diagnosis

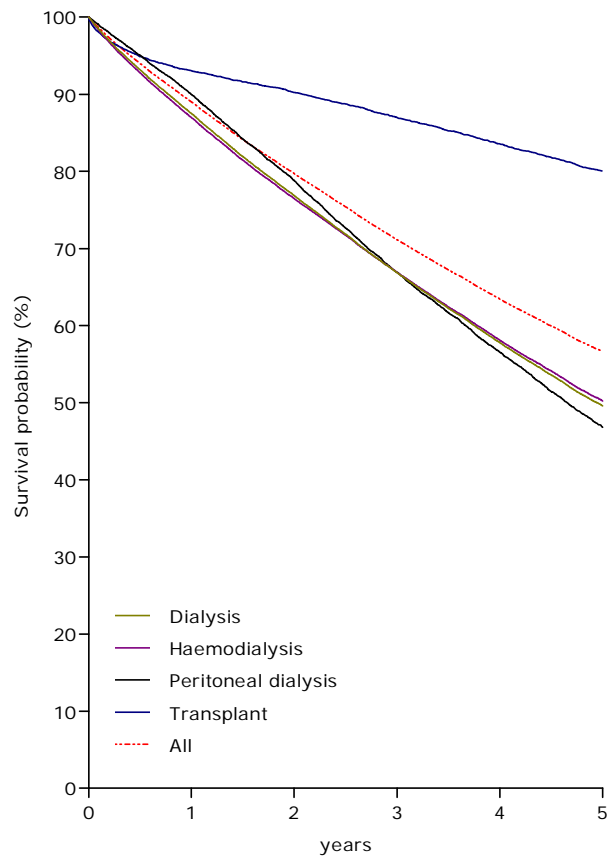


Figure A.6.2
Adjusted survival (cohort 1999-2003):
Incident haemodialysis patients
from day 91, by primary diagnosis,
adjusted for age and gender

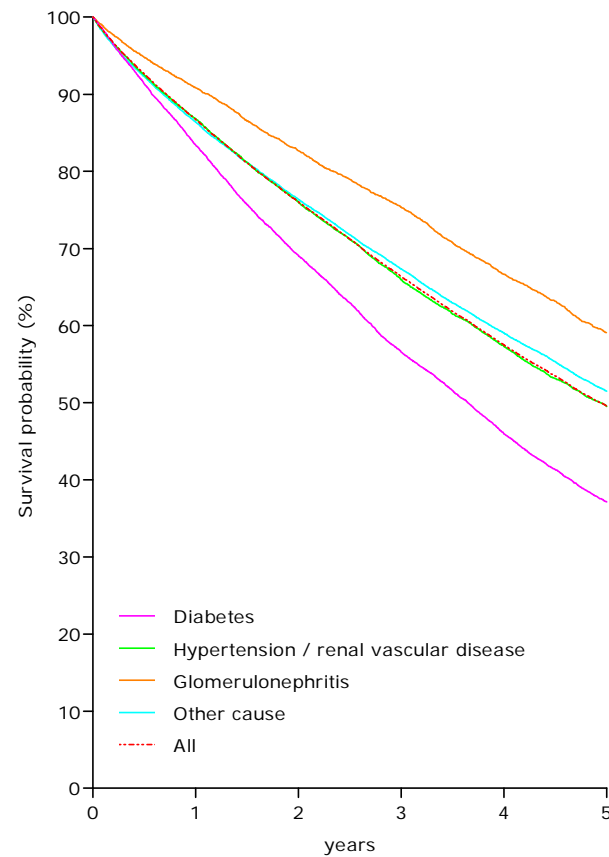


Figure A.6.3
Adjusted survival (cohort 1999-2003):
Incident peritoneal dialysis patients
from day 91, by primary diagnosis,
adjusted for age and gender

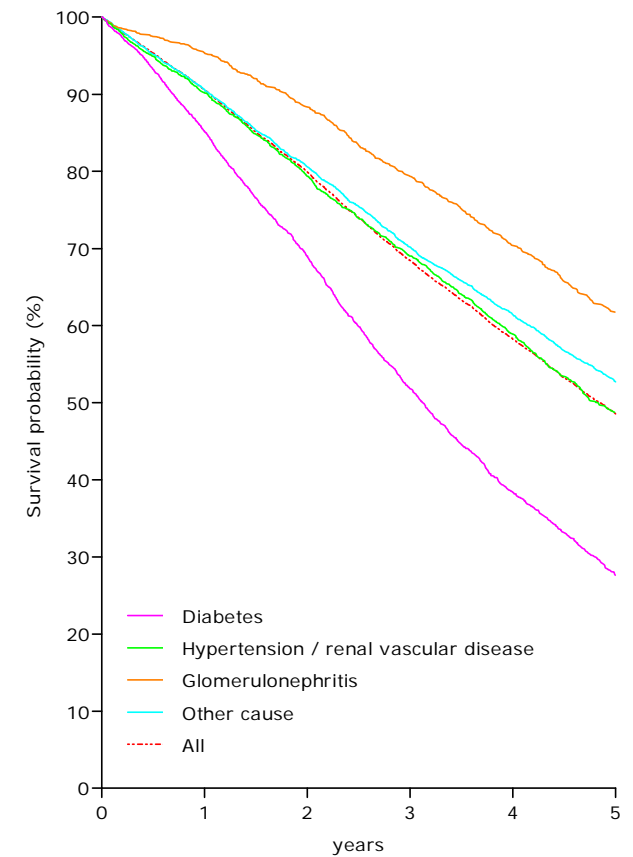


Table A.7.1
 Expected remaining lifetimes (years) of the general population in 2005,
 and of prevalent dialysis and transplant patients in 2007 and 2008 (includes mortality in the first 90 days)
 by age and gender

General population				ESRD: Dialysis				ESRD: Transplant			
Age	All	Men	Women	Age	All	Men	Women	Age	All	Men	Women
0	79.2	76.6	81.8	0-19	36.1	36.7	35.2	0-19	58.8	58.4	59.5
5	74.6	72.0	77.1								
10	69.7	67.1	72.1								
15	64.7	62.1	67.2								
20	59.8	57.3	62.3	20-24	19.9	19.8	20.0	20-24	41.4	40.9	42.4
25	55.0	52.5	57.3	25-29	17.2	17.4	17.0	25-29	36.9	36.4	37.7
30	50.1	47.7	52.4	30-34	14.7	14.6	14.9	30-34	32.6	32.0	33.7
35	45.3	42.9	47.5	35-39	12.5	12.4	12.9	35-39	28.5	27.8	29.7
40	40.5	38.1	42.7	40-44	10.3	10.0	10.8	40-44	24.8	23.9	26.3
45	35.8	33.5	37.9	45-49	8.8	8.4	9.5	45-49	21.2	20.5	22.4
50	31.2	28.9	33.2	50-54	7.3	7.0	7.8	50-54	17.7	17.0	18.8
55	26.7	24.6	28.6	55-59	6.3	6.1	6.6	55-59	14.6	13.9	15.7
60	22.4	20.5	24.2	60-64	5.3	5.2	5.5	60-64	11.4	11.1	12.0
65	18.3	16.6	19.8	65-69	4.6	4.6	4.8	65-69	8.5	8.2	8.9
70	14.5	13.0	15.7	70-74	4.0	3.9	4.1	70-74	5.7	5.6	5.8
75	11.0	9.8	11.8	75-79	3.4	3.4	3.4				
80	8.0	7.1	8.5	80-84	2.5	2.5	2.5				
85	5.5	5.0	5.8								

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)

III Reference Tables - Section B

Table B.1.1
 General population of the country/region and percent coverage of general population

	General population of whole country/region in thousands	% Coverage of general population by the registry
Bosnia-Herzegovina	3508	100
Croatia	4437	100
Czech Republic	10466	100
Estonia	1340	100
France	63573	86.0
FYR of Macedonia	2022	100
Israel	7309	100
Italy	60045	73.7
Latvia	2261	100
Montenegro	627	100
Poland	38135	95.0
Portugal	10627	100
Russia	141904	95.0
Slovakia	5409	48.5
Slovenia	2032	100
Spain	46158	96.0
Tunisia	10225	100
Turkey	71517	99.0
Ukraine	46193	100

Table B.1.2
Renal centres: total number of centres and number of collaborating centres

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry
Bosnia-Herzegovina	26	26
Croatia	49	49
Czech Republic	94	94
Estonia	3	3
France	1048	939
FYR of Macedonia	18	18
Israel	59	59
Italy	658	494
Latvia	20	20
Montenegro	10	10
Poland	234	225
Portugal	106	106
Russia	310	280
Slovakia	71	34
Slovenia	21	21
Spain	325	312
Tunisia	138	138
Turkey	760	754
Ukraine	55	55

Table B.2.1
Incident counts and incident rates per million population, unadjusted
at day 1

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	572	163.1	323	187.9	249	139.2
Croatia	679	153.0	414	193.9	265	115.1
Czech Republic †	1904	181.9				
Estonia	88	65.7	43	69.5	45	62.4
France (20 of 26 regions) ‡	8033	146.9	4953	186.4	3080	109.6
FYR of Macedonia	241	119.2	147	144.8	94	93.3
Israel	1383	189.2	851	233.2	532	145.4
Italy (16 of 20 regions) † §	6676	150.9	4180	194.6	2496	109.6
Latvia	214	94.6	111	106.4	103	84.6
Montenegro	19	30.3	12	39.0	7	21.9
Poland	4972	137.2				
Portugal	2467	232.1				
Russia	4993	37.0	2733	43.8	2260	31.2
Slovakia †	478	182.2	273	214.2	205	152.0
Slovenia	235	115.6	144	143.6	91	88.4
Spain (18 of 19 regions)	5673	128.0	3650	166.3	2023	90.4
Tunisia						
Turkey †	18672	263.7	10441	293.8	8231	233.4
Ukraine #	704	15.2	412	19.3	292	11.7

Categories may not add up to total or to 100% because of missing values

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev

Table B.2.2
Gender, mean age, and median age of incident patients
at day 1

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	59.6	16.7	63.0	56.5	57.4	17.1	59.0	43.5	62.5	15.8	66.0
Croatia	100	63.8	14.7	67.0	61.0	63.2	14.3	66.0	39.0	64.7	14.5	69.0
Czech Republic												
Estonia	100	53.0	15.0	55.0	48.9	52.2	14.8	52.5	51.1	53.8	16.3	59.0
France (20 of 26 regions) ‡	100	66.3	16.3	70.0	61.7	66.2	16.0	69.7	38.3	66.4	16.8	70.6
FYR of Macedonia	100	59.7	14.1	62.0	61.0	59.3	14.3	59.0	39.0	60.2	11.1	62.0
Israel	100	66.2	16.7	69.9	61.5	66.0	16.8	69.4	38.5	66.4	16.7	70.7
Italy (16 of 20 regions) † §	100	66.9	15.4	70.0	62.6	66.3	15.2	69.0	37.4	67.9	15.8	72.0
Latvia	100	59.2	16.1	63.0	51.9	55.9	14.9	59.0	48.1	62.7	14.9	67.0
Montenegro	100	54.1	15.9	52.0	63.2	55.3	11.7	52.0	36.8	52.0	19.9	48.5
Poland												
Portugal												
Russia	100	49.3	15.4	51.0	54.7	47.8	15.3	49.0	45.3	51.1	15.2	53.0
Slovakia †	100	61.4	15.4	64.7	57.1	59.3	17.1	60.1	42.9	64.1	16.5	67.0
Slovenia	100	63.9	15.1	67.0	61.3	61.8	15.6	65.0	38.7	67.2	13.8	69.0
Spain (18 of 19 regions)	100	61.8	0.9		64.3	61.6	1.1		35.7	62.1	1.5	
Tunisia												
Turkey †	100	55.0		58.2	55.9	55.0		57.9	44.1	55.0		58.4
Ukraine #	100	44.2	14.1	46.0	58.5	43.9	14.0	45.0	41.5	44.7	14.3	46.0

Categories may not add up to total or to 100% because of missing values or rounding off

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev and the region Zakarpattya

Table B.2.3
 Incident rates per million population, adjusted
 at day 1, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	184.8	210.3	161.9
Croatia	155.1	205.7	113.7
Czech Republic			
Estonia	58.1	66.3	52.0
France (20 of 26 regions) ‡	147.1	183.8	110.5
FYR of Macedonia	153.1	187.9	114.5
Israel	271.7	218.2	322.7
Italy (16 of 20 regions) † §	131.5	166.0	96.6
Latvia			
Montenegro	32.4	42.6	22.4
Poland			
Portugal			
Russia			
Slovakia †	200.4	212.4	189.4
Slovenia	113.7	144.7	84.9
Spain (18 of 19 regions)	136.2	158.2	87.3
Tunisia			
Turkey †	449.6	502.9	394.2
Ukraine #	15.7	20.2	12.0

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev and the region Zakarpattya

Table B.2.4
Incident rates per million population and percentages, unadjusted
at day 1, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Bosnia-Herzegovina	163.1	100	20.2	12.4	23.7	14.5	6.8	4.2	6.8	4.2	26.5	16.3	33.4	20.5	16.0	9.8	6.3	3.8	41.9	25.7	14.5	8.9	0.3	0.2
Croatia	153.0	100	21.9	14.3	16.7	10.9	5.0	3.2					45.1	29.5	27.7	18.1	4.3	2.8	18.5	12.1	5.6	3.7	8.3	5.4
Czech Republic																								
Estonia	65.7	100	11.9	18.2	6.7	10.2	7.5	11.4	6.7	10.2	7.5	11.4	14.2	21.6	14.2	21.6	0	0	11.2	17.0	0	0	0	0
France (20 of 26 regions) ‡	146.9	100	16.9	11.5	5.9	4.0	9.1	6.2					37.1	25.3	35.2	24.0	2.3	1.6	23.1	15.7	14.9	10.2	2.3	1.6
FYR of Macedonia	119.2	100	10.9	9.1	8.9	7.5	8.9	7.5	4.0	3.3	26.2	22.0	30.2	25.3	24.2	20.3	0.5	0.4	7.9	6.6	27.7	23.2	0	0
Israel	189.2	100	9.3	4.9	3.7	2.0	4.2	2.2					77.0	40.7	12.3	6.5	5.1	2.7	17.5	9.3	30.1	15.9	30.0	15.8
Italy (16 of 20 regions) † §	150.9	100	14.6	9.7	12.0	8.0	6.6	4.4					31.3	20.8	24.9	16.5	10.7	7.1	17.1	11.3	28.5	18.9	5.1	3.4
Latvia	94.6	100	17.7	18.7	19.9	21.0	4.0	4.2					15.5	16.4	15.0	15.9	0.9	0.9	9.7	10.3	11.9	12.6	0	0
Montenegro	30.3	100	8.0	26.3	3.2	10.5	0	0	6.4	21.1	4.8	15.8	11.2	36.8	4.8	15.8	0	0	1.6	5.3	1.6	5.3	0	0
Poland	137.2	100	25.3	18.4	13.2	9.7	6.3	4.6					31.1	22.6	19.9	14.5	0.3	0.2	17.9	13.1	17.4	12.7	5.8	4.2
Portugal																								
Russia	37.0	100	11.9	32.1	4.8	13.0	3.5	9.3	3.4	9.1	3.0	8.1	6.4	17.2	2.2	6.1	0.2	0.5	5.4	14.6	0.7	2.0	1.9	5.2
Slovakia †	182.2	100	16.4	9.0	14.9	8.2	5.0	2.7					70.5	38.7	14.5	7.9	5.3	2.9	47.6	26.2	8.0	4.4	0	0
Slovenia	115.6	100	14.8	12.8	5.9	5.1	6.9	6.0	4.9	4.3	19.2	16.6	24.1	20.9	12.8	11.1	1.5	1.3	23.6	20.4	26.1	22.6	0	0
Spain (18 of 19 regions) ¶	128.0	100	16.6	13.0	12.0	9.4	9.6	7.5					28.9	22.6	19.7	15.4			12.8	10.0	28.4	22.2	0	0
Tunisia																								
Turkey †	263.7	100	20.5	7.8	8.2	3.1	9.4	3.6	16.5	6.2	63.4	24.0	79.8	30.3	69.9	26.5	3.7	1.4	24.9	9.4	41.6	15.8	5.6	2.1
Ukraine # **	15.2	100	6.4	42.2	2.0	13.4	1.7	10.9					2.9	19.0	0.6	3.8			1.6	10.5	0	0.1	0	0

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

¶ Renal vascular disease is not reported separately, but is included into hypertension

Data do not include the city of Kiev and the region Zakarpattya

** Renal vascular disease is not reported separately, but is included into miscellaneous

Table B.3.1
Incident counts and incident rates per million population, unadjusted
at day 91

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	359	102.3	204	118.7	155	86.6
Croatia	596	134.3	371	173.8	225	97.7
Czech Republic †	1572	150.2				
Estonia	84	62.7	42	67.9	42	58.3
France (20 of 26 regions) ‡	7093	129.7	4350	163.7	2743	97.6
FYR of Macedonia	218	107.8	131	129.1	87	86.4
Israel	1272	174.0	785	215.1	487	133.1
Italy (16 of 20 regions) † §	6415	145.0	4021	187.2	2394	105.1
Latvia	197	87.1	107	102.6	90	73.9
Montenegro	18	28.7	11	35.7	7	21.9
Poland						
Portugal						
Russia	4615	34.2	2544	40.8	2071	28.6
Slovakia †	413	157.4	243	190.7	170	126.0
Slovenia	228	112.2	141	140.6	87	84.5
Spain (18 of 19 regions)						
Tunisia †	1382	135.2	773	151.4	609	118.9
Turkey						
Ukraine #	685	14.8	402	18.9	283	11.4

Categories may not add up to total or to 100% because of missing values

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev

Table B.3.2
Gender, mean age, and median age of incident patients
at day 91

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	59.0	15.9	62.0	56.8	56.5	16.3	58.5	43.2	62.4	14.8	65.0
Croatia	100	62.9	14.6	66.0	62.2	62.3	14.8	65.0	37.8	63.8	15.3	68.0
Czech Republic												
Estonia	100	53.0	15.5	55.1	50.0	52.2	14.7	52.5	50.0	53.9	16.4	59.0
France (20 of 26 regions) ‡	100	65.1	16.5	68.7	61.3	65.1	16.2	68.5	38.7	65.2	17.0	69.0
FYR of Macedonia	100	58.9	13.9	59.5	60.1	59.0	14.5	59.0	39.9	58.7	13.0	60.0
Israel	100	65.5	16.8	69.0	61.7	65.3	16.8	68.3	38.3	65.9	16.8	70.0
Italy (16 of 20 regions) † §	100	66.5	15.5	70.0	62.7	66.0	15.3	69.0	37.3	67.5	15.9	71.0
Latvia	100	58.3	16.2	62.0	54.3	55.1	16.4	58.5	45.7	62.0	15.1	67.0
Montenegro	100	52.9	15.1	52.0	61.1	53.4	10.0	52.0	38.9	52.0	19.9	48.5
Poland												
Portugal												
Russia	100	47.6	15.6	49.5	55.1	46.1	15.7	48.0	44.9	49.5	15.2	52.0
Slovakia †	100	60.1	14.3	63.2	58.8	57.9	15.8	59.0	41.2	63.1	16.1	65.8
Slovenia	100	63.7	15.2	67.0	61.8	61.6	15.5	65.0	38.2	67.1	14.2	69.0
Spain (18 of 19 regions)												
Tunisia †	100	58.1	18.5	60.0	55.9	56.5	18.5	58.0	44.1	60.0	18.3	63.0
Turkey												
Ukraine #	100	44.1	14.0	45.0	58.7	44.1	14.0	45.0	41.3	44.0	14.1	45.0

Categories may not add up to total or to 100% because of missing values or rounding off

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev and the region Zakarpattya

Table B.3.3
 Incident rates per million population, adjusted
 at day 91, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	112.5	129.0	97.8
Croatia	135.5	183.1	96.4
Czech Republic			
Estonia	61.8	73.1	53.3
France (20 of 26 regions) †	130.5	162.3	98.9
FYR of Macedonia	137.9	166.9	105.6
Israel			
Italy (16 of 20 regions) † §	126.7	160.3	92.9
Latvia			
Montenegro	30.2	38.5	22.4
Poland			
Portugal			
Russia			
Slovakia †	185.2	194.0	174.6
Slovenia	110.2	141.7	81.2
Spain (18 of 19 regions)			
Tunisia †	238.7	245.8	231.1
Turkey			
Ukraine #	14.7	18.9	11.2

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev and the region Zakarpattya

Table B.3.4
Incident rates per million population and percentages, unadjusted
at day 91, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia-Herzegovina	102.3	100	14.5	14.2	15.7	15.3	5.4	5.3	4.3	4.2	16.2	15.9	20.5	20.1	11.1	10.9	4.6	4.5	23.1	22.6	7.4	7.2	0	0
Croatia	134.3	100	20.1	14.9	15.3	11.4	4.5	3.4					39.9	29.7	26.8	20.0	2.5	1.8	15.8	11.7	5.0	3.7	4.5	3.4
Czech Republic																								
Estonia	62.7	100	11.9	19.0	6.7	10.7	7.5	11.9	6.7	10.7	8.2	13.1	14.9	23.8	13.4	21.4	0	0	8.2	13.1	0	0	0	0
France (20 of 26 regions) †	129.7	100	16.0	12.4	5.2	4.0	8.8	6.8					33.0	25.4	30.7	23.7	1.8	1.4	19.5	15.1	12.6	9.7	2.0	1.6
FYR of Macedonia	107.8	100	10.4	9.6	8.9	8.3	8.4	7.8	4.0	3.7	24.2	22.5	28.2	26.1	24.2	22.5	0.5	0.5	7.9	7.3	19.3	17.9	0	0
Israel	174.0	100	9.0	5.2	3.3	1.9	4.1	2.4					72.5	41.7	11.4	6.5	5.1	2.9	16.3	9.4	27.6	15.9	24.8	14.2
Italy (16 of 20 regions) † §	145.0	100	14.5	10.0	11.6	8.0	6.6	4.5					30.3	20.9	24.0	16.6	10.2	7.1	16.1	11.1	26.9	18.5	4.7	3.2
Latvia	87.1	100	17.2	19.8	18.1	20.8	4.0	4.6					13.3	15.2	14.6	16.8	0.9	1.0	8.0	9.1	11.1	12.7	0	0
Montenegro	28.7	100	6.4	22.2	3.2	11.1	0	0	6.4	22.2	4.8	16.7	11.2	38.9	4.8	16.7	0	0	1.6	5.6	1.6	5.6	0	0
Poland																								
Portugal																								
Russia	34.2	100	11.8	34.4	4.3	12.7	3.4	9.9	3.0	8.9	2.5	7.2	5.5	16.1	2.0	5.8	0.1	0.3	4.8	14.0	0.7	2.0	1.7	4.8
Slovakia †	157.4	100	15.2	9.7	13.0	8.2	5.0	3.1					62.1	39.5	11.1	7.0	3.8	2.4	36.6	23.2	10.7	6.8	0	0
Slovenia	112.2	100	14.8	13.2	5.9	5.3	6.9	6.1	4.9	4.4	19.2	17.1	24.1	21.5	12.8	11.4	1.5	1.3	22.6	20.2	23.6	21.1	0	0
Spain (18 of 19 regions)																								
Tunisia	135.2	100	14.2	10.5	6.1	4.5	2.7	2.0					29.0	21.5	17.2	12.7	3.4	2.5	16.0	11.9	42.4	31.4	4.0	3.0
Turkey																								
Ukraine # **	14.8	100	6.6	44.5	1.9	12.8	1.7	11.2					2.8	19.1	0.5	3.2			1.3	8.9	0	0.1	0	0

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev and the region Zakarpattya

** Renal vascular disease is not reported separately, but is included into miscellaneous

Table B.3.5
Incident counts
at day 91, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
		N	N	N	N	N	N	N	N	N	N	N	N	N		N
Bosnia-Herzegovina	359	310	0	7	0	5	322	0	17	0	17	1	0	0	1	19
Croatia	596	532	0	0	2	1	535	10	49	0	59	2	0	0	2	0
Czech Republic †	1572	1476	0	0	0	0	1476			96	96					0
Estonia	84	32	0	0	0	20	52	12	16	0	28	1	3	0	4	0
France (20 of 26 regions) ‡	7093	5523	0	0	10	406	5939	280	545	0	825	59	185	0	244	85
FYR of Macedonia	218	207	0	0	0	0	207	0	5	0	5	6	0	0	6	0
Israel	1272	1149	0	0	0	0	1149	41	53	5	99	14	3	7	24	0
Italy (16 of 20 regions) † §	6415	4852	10	426	75	238	5601	341	467	6	814					0
Latvia	197	162					162			33	33	2			2	0
Montenegro	18	14	0	0	0	0	14	0	0	0	0	1	2	1	4	0
Poland																
Portugal																
Russia	4615	3949	0	0	0	0	3949	0	623	0	623	5	38	0	43	0
Slovakia †	413	258	0	0	0	127	385	13	15	0	28					0
Slovenia	228	167	0	0	0	57	224	0	4	0	4	0	0	0	0	0
Spain (18 of 19 regions)																
Tunisia	1382	1305					1305	56	18	3	77					0
Turkey																
Ukraine #	685	541	0	0			541	0	130	0	130	0	0	0	0	14

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev

Table B.3.6
Incident rates per million population, unadjusted
at day 91, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Bosnia-Herzegovina	102.3	88.4	0	2.0	0	1.4	91.8	0	4.8	0	4.8	0.3	0	0	0.3	5.4
Croatia	134.3	119.9	0	0	0.5	0.2	120.6	2.3	11.0	0	13.3	0.5	0	0	0.5	0
Czech Republic †	150.2	141.0	0	0	0	0	141.0			9.2	9.2					0
Estonia	62.7	23.9	0	0	0	14.9	38.8	9.0	11.9	0	20.9	0.7	2.2	0	3.0	0
France (20 of 26 regions) ‡	129.7	101.0	0	0	0.2	7.4	108.6	5.1	10.0	0	15.1	1.1	3.4	0	4.5	1.6
FYR of Macedonia	107.8	102.4	0	0	0	0	102.4	0	2.5	0	2.5	3.0	0	0	3.0	0
Israel	174.0	157.2	0	0	0	0	157.2	5.6	7.3	0.7	13.5	1.9	0.4	1.0	3.3	0
Italy (16 of 20 regions) † §	145.0	109.6	0.2	9.6	1.7	5.4	126.6	7.7	10.6	0.1	18.4					0
Latvia	87.1	71.6					71.6			14.6	14.6	0.9			0.9	0
Montenegro	28.7	22.3	0	0	0	0	22.3	0	0	0	0	1.6	3.2	1.6	6.4	0
Poland																
Portugal																
Russia	34.2	29.3	0	0	0	0	29.3	0	4.6	0	4.6	0	0.3	0	0.3	0
Slovakia †	157.4	98.3	0	0	0	48.4	146.8	5.0	5.7	0	10.7					0
Slovenia	112.2	82.2	0	0	0	28.1	110.2	0	2.0	0	2.0	0	0	0	0	0
Spain (18 of 19 regions)																
Tunisia	135.2	127.6					127.6	5.5	1.8	0.3	7.5					0
Turkey																
Ukraine #	14.8	11.7	0	0			11.7	0	2.8	0	2.8	0	0	0	0	0.3

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev

Table B.3.7
Percentages of established therapy, unadjusted
at day 91

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Bosnia-Herzegovina	100	86.4	0	1.9	0	1.4	89.7	0	4.7	0	4.7	0.3	0	0	0.3	5.3
Croatia	100	89.3	0	0	0.3	0.2	89.8	1.7	8.2	0	9.9	0.3	0	0	0.3	0
Czech Republic †	100	93.9	0	0	0	0	93.9			6.1	6.1					0
Estonia	100	38.1	0	0	0	23.8	61.9	14.3	19.0	0	33.3	1.2	3.6	0	4.8	0
France (20 of 26 regions) ‡	100	77.9	0	0	0.1	5.7	83.7	3.9	7.7	0	11.6	0.8	2.6	0	3.4	1.2
FYR of Macedonia	100	95.0	0	0	0	0	95.0	0	2.3	0	2.3	2.8	0	0	2.8	0
Israel	100	90.3	0	0	0	0	90.3	3.2	4.2	0.4	7.8	1.1	0.2	0.6	1.9	0
Italy (16 of 20 regions) † §	100	75.6	0.2	6.6	1.2	3.7	87.3	5.3	7.3	0.1	12.7					0
Latvia	100	82.2					82.2			16.8	16.8	1.0			1.0	0
Montenegro	100	77.8	0	0	0	0	77.8	0	0	0	0	5.6	11.1	5.6	22.2	0
Poland																
Portugal																
Russia	100	85.6	0	0	0	0	85.6	0	13.5	0	13.5	0.1	0.8	0	0.9	0
Slovakia †	100	62.5	0	0	0	30.8	93.2	3.1	3.6	0	6.8					0
Slovenia	100	73.2	0	0	0	25.0	98.2	0	1.8	0	1.8	0	0	0	0	0
Spain (18 of 19 regions)																
Tunisia	100	94.4					94.4	4.1	1.3	0.2	5.6					0
Turkey																
Ukraine #	100	79.0	0	0			79.0	0	19.0	0	19.0	0	0	0	0	2.0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data do not include the city of Kiev

Table B.4.1
Prevalent counts and prevalent rates per million population, unadjusted
prevalent patients on December 31

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	2442	696.1	1355	788.2	1087	607.6
Croatia	4009	903.5	2271	1063.7	1738	755.0
Czech Republic †	5633	538.2				
Estonia	626	467.2	356	575.1	270	374.5
France (20 of 26 regions) ‡	57874	1058.6	34910	1313.9	22964	817.1
FYR of Macedonia	1427	705.7	848	835.5	579	575.0
Israel †	5032	688.5	2997	821.1	2035	556.2
Italy (16 of 20 regions) † §	37144	839.4	22860	1064.0	14284	627.4
Latvia	912	403.4	464	444.9	448	367.8
Montenegro	208	331.7	123	399.4	85	266.5
Poland	25013	690.4				
Portugal	14965	1408.2	8643	1680.9	5968	1088.1
Russia	22234	164.9	12168	195.1	10066	138.9
Slovakia †	1493	569.1	834	654.3	659	488.6
Slovenia	1967	968.0	1130	1126.6	837	813.4
Spain (18 of 19 regions)	44067	994.1	27102	1235.2	16965	757.8
Tunisia †	7670	750.1	4257	833.9	3413	666.6
Turkey	53859	760.7	30373	854.6	23486	666.1
Ukraine #	4109	89.0	2340	109.9	1769	71.1

Categories may not add up to total or to 100% because of missing values

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev

Table B.4.2
Gender, mean age, and median age
prevalent patients on December 31

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	57.0	14.9	58.0	55.5	55.9	14.9	57.0	44.5	58.3	14.8	60.0
Croatia	100	58.7	12.0	60.0	56.6	57.8	11.9	59.0	43.4	59.7	11.9	61.0
Czech Republic †	100	62.4	13.2	67.0								
Estonia	100	53.6	14.7	53.0	56.9	53.2	14.5	53.0	43.1	54.1	15.0	55.0
France (20 of 26 regions) ‡	100	60.1	16.7	61.2	60.3	59.9	16.5	60.9	39.7	60.5	16.9	61.6
FYR of Macedonia	100	55.5	14.2	56.0	59.4	57.3	13.7	57.0	40.6	52.8	14.5	53.0
Israel †	100	62.0	16.9	65.5	59.6	62.1	17.0	65.1	40.4	61.9	16.9	65.9
Italy (16 of 20 regions) † §	100	66.9	14.8	70.0	61.5	66.5	14.7	69.0	38.5	67.6	15.1	71.0
Latvia	100	53.1	16.0	54.0	50.9	51.3	16.3	52.0	49.1	54.9	15.5	56.0
Montenegro	100	50.7	12.0	52.0	59.1	51.1	12.1	52.0	40.9	50.1	11.8	52.0
Poland												
Portugal	100	59.8			59.2				40.8			
Russia	100	46.3	14.4	48.0	54.7	45.9	14.4	47.0	45.3	46.8	14.4	48.2
Slovakia †	100	59.9	13.0	61.3	55.9	56.5	14.1	58.0	44.1	64.1	13.7	65.3
Slovenia	100	59.4	15.2	61.0	57.4	58.7	14.9	60.0	42.6	60.3	15.5	61.0
Spain (18 of 19 regions)	100	57.9	0.3		61.5	57.6	0.4		38.5	58.4	0.5	
Tunisia †	100	57.1	18.5	60.0	55.5	55.9	18.5	58.0	44.5	58.6	18.3	63.0
Turkey	100	51.8		53.9	56.4	51.4		53.4	43.6	52.3		54.6
Ukraine #	100	44.3	13.3	45.0	56.9	44.1	13.3	44.0	43.1	44.5	13.3	46.0

Categories may not add up to total or to 100% because of missing values or rounding off

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev and the region Zakarpattya

Table B.4.3
Prevalence per million population, adjusted
prevalent patients on December 31, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	739.1	839.9	644.9
Croatia	938.3	1060.2	839.7
Czech Republic			
Estonia	471.2	609.0	366.3
France (20 of 26 regions) ‡	1090.3	1341.8	846.3
FYR of Macedonia	858.8	1046.7	659.9
Israel †			
Italy (16 of 20 regions) † §	732.0	908.1	554.6
Latvia			
Montenegro	354.6	431.8	283.1
Poland			
Portugal			
Russia			
Slovakia †	621.3	704.3	513.2
Slovenia	936.2	1108.5	778.5
Spain (18 of 19 regions)	1053.1	1184.0	734.8
Tunisia †	1276.1	1322.5	1234.3
Turkey	1202.2	1350.3	1051.7
Ukraine #	85.8	107.7	67.8

When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev and the region Zakarpattya

Table B.4.4
Prevalence per million population and percentages, unadjusted
prevalent patients on December 31, by cause of renal failure

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Bosnia-Herzegovina	696.1	100	140.0	20.1	129.1	18.6	38.5	5.5	10.5	1.5	84.4	12.1	94.9	13.6	41.6	6.0	9.1	1.3	160.8	23.1	81.0	11.6	1.1	0.2
Croatia	903.5	100	238.7	26.4	131.2	14.5	75.1	8.3					163.2	18.1	111.1	12.3	16.9	1.9	113.8	12.6	31.8	3.5	21.9	2.4
Czech Republic																								
Estonia	467.2	100	139.6	29.9	88.1	18.8	41.8	8.9	66.4	14.2	26.1	5.6	92.5	19.8	61.2	13.1	0	0	44.0	9.4	0	0	0	0
France (20 of 26 regions) ‡	1058.6	100	223.3	21.1	75.4	7.1	89.9	8.5					157.0	14.8	135.4	12.8	12.0	1.1	182.7	17.3	151.8	14.3	31.0	2.9
FYR of Macedonia	705.7	100	141.9	20.1	100.4	14.2	56.4	8.0	10.9	1.5	71.7	10.2	82.6	11.7	119.7	17.0	12.9	1.8	55.9	7.9	135.0	19.1	1.0	0.1
Israel †	688.5	100	58.3	8.5	26.8	3.9	20.4	3.0					276.1	40.1	56.1	8.1	17.4	2.5	67.9	9.9	117.0	17.0	48.6	7.1
Italy (16 of 20 regions) † §	839.4	100	132.4	15.8	78.7	9.4	60.0	7.2					130.5	15.6	122.5	14.6	52.4	6.2	88.9	10.6	155.2	18.5	18.8	2.2
Latvia	403.4	100	138.9	34.4	67.7	16.8	42.5	10.5					45.1	11.2	34.1	8.4	0	0	55.3	13.7	19.9	4.9	0	0
Montenegro	331.7	100	78.1	23.6	46.3	13.9	31.9	9.6	28.7	8.7	23.9	7.2	52.6	15.9	59.0	17.8	14.4	4.3	27.1	8.2	22.3	6.7	0	0
Poland ††	690.4	100	101.9	14.8	72.9	10.6	30.9	4.5					97.9	14.2	58.3	8.4	0.6	0.1	43.6	6.3	21.5	3.1	262.9	38.1
Portugal																								
Russia	164.9	100	77.7	47.1	18.1	11.0	15.0	9.1	9.5	5.8	5.2	3.2	14.8	9.0	5.8	3.5	1.4	0.8	19.7	12.0	2.0	1.2	10.4	6.3
Slovakia †	569.1	100	58.7	10.3	50.3	8.8	18.7	3.3					228.0	40.1	43.1	7.6	33.9	6.0	124.6	21.9	11.8	2.1	0	0
Slovenia	968.0	100	227.4	23.5	102.4	10.6	88.6	9.2	43.8	4.5	96.5	10.0	140.3	14.5	72.8	7.5	8.4	0.9	150.6	15.6	145.2	15.0	32.5	3.4
Spain (18 of 19 regions) † †	994.1	100	207.7	20.9	124.6	12.5	95.6	9.6					138.2	13.9	122.1	12.3			98.7	9.9	206.7	20.8	0.6	0.1
Tunisia †	750.1	100	80.1	10.7	79.4	10.6	20.9	2.8					154.4	20.6	87.2	11.6	21.8	2.9	88.4	11.8	217.8	29.0	0	0
Turkey	760.7	100	75.6	9.9	36.3	4.8	33.2	4.4	32.1	4.2	155.4	20.4	187.5	24.6	187.1	24.6	8.2	1.1	89.6	11.8	133.4	17.5	9.9	1.3
Ukraine # **	89.0	100	48.6	54.6	10.6	11.9	8.7	9.7					10.7	12.0	2.2	2.5			6.6	7.5	0.1	0.1	1.5	1.7

Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

†† Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

¶ Renal vascular disease is not reported separately, but is included into hypertension

††† Data on cause of renal failure are available for dialysis patients only (transplant patients are included into missing)

Data do not include the city of Kiev and the region Zakarpattya

** Renal vascular disease is not reported separately, but is included into miscellaneous

Table B.4.5
Prevalent counts*prevalent patients on December 31, by established therapy*

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
Bosnia-Herzegovina	2442	2061	0	17	8	70	2156	2	108	0	110	119	25	7	151	25
Croatia	4009	2668	2	0	11	62	2743	53	182	9	244	137	770	115	1022	0
Czech Republic †	5633	3765	0	0	2	1404	5171			462	462					0
Estonia	626	122	0	0	0	87	209	6	20	44	70	38	309	0	347	0
France (20 of 26 regions) ‡	57874	26390	279	7	46	2255	28977	930	1422	0	2352	1755	24404	280	26439	106
FYR of Macedonia	1427	1255	0	0	0	0	1255	1	27	0	28	134	10	0	144	0
Israel †	5032	4714	0	0			4714	169	149	0	318					0
Italy (16 of 20 regions) † §	37144	24922	104	2187	1049	4434	32696	1630	1807	26	3463					985
Latvia	912	352	0	0			352			112	112	9	439	0	448	0
Montenegro	208	144	0	0	0	38	182	0	5	0	5	10	5	6	21	0
Poland	25013	14756	0	0			14756	484	558	0	1042			9215	9215	0
Portugal	14965	946	0	0	5269	3088	9303	312	199	0	511			5151	5151	0
Russia	22234	15926	0	0	0	0	15926	91	1481	0	1572	551	4185	0	4736	0
Slovakia †	1493	712	0	0	0	684	1396	38	59	0	97					0
Slovenia	1967	700	0	0	7	636	1343	34	71	0	105	18	501	0	519	0
Spain (18 of 19 regions)	44067	20685	60	0			20745	534	1657	0	2191			21131	21131	0
Tunisia †	7670	7505					7505	99	64	2	165					0
Turkey	53859	39934	19	30	13	268	40264	1339	4435	0	5774	5519	2241	61	7821	0
Ukraine #	4109	3052	0	0			3052	0	501	0	501	268	288	0	556	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev

Table B.4.6
Prevalence per million population, unadjusted
prevalent patients on December 31, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
	Pmp	HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	Pmp
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	
Bosnia-Herzegovina	696.1	587.5	0	4.8	2.3	20.0	614.6	0.6	30.8	0	31.4	33.9	7.1	2.0	43.0	7.1
Croatia	903.5	601.3	0.5	0	2.5	14.0	618.2	11.9	41.0	2.0	55.0	30.9	173.5	25.9	230.3	0
Czech Republic †	538.2	359.7	0	0	0.2	134.1	494.1			44.1	44.1					0
Estonia	467.2	91.0	0	0	0	64.9	156.0	4.5	14.9	32.8	52.2	28.4	230.6	0	259.0	0
France (20 of 26 regions) ‡	1058.6	482.7	5.1	0.1	0.8	41.2	530.0	17.0	26.0	0	43.0	32.1	446.4	5.1	483.6	1.9
FYR of Macedonia	705.7	620.7	0	0	0	0	620.7	0.5	13.4	0	13.8	66.3	4.9	0	71.2	0
Israel †	688.5	645.0	0	0			645.0	23.1	20.4	0	43.5					0
Italy (16 of 20 regions) † §	839.4	563.2	2.4	49.4	23.7	100.2	738.8	36.8	40.8	0.6	78.3					22.3
Latvia	403.4	155.7	0	0			155.7			49.5	49.5	4.0	194.2	0	198.1	0
Montenegro	331.7	229.7	0	0	0	60.6	290.3	0	8.0	0	8.0	15.9	8.0	9.6	33.5	0
Poland	690.4	407.3	0	0			407.3	13.4	15.4	0	28.8			254.4	254.4	0
Portugal	1408.2	89.0	0	0	495.8	290.6	875.4	29.4	18.7	0	48.1			484.7	484.7	0
Russia	164.9	118.1	0	0	0	0	118.1	0.7	11.0	0	11.7	4.1	31.0	0	35.1	0
Slovakia †	569.1	271.4	0	0	0	260.7	532.1	14.5	22.5	0	37.0					0
Slovenia	968.0	344.5	0	0	3.4	313.0	660.9	16.7	34.9	0	51.7	8.9	246.6	0	255.4	0
Spain (18 of 19 regions)	994.1	466.6	1.4	0			468.0	12.0	37.4	0	49.4			476.7	476.7	0
Tunisia †	750.1	734.0					734.0	9.7	6.3	0.2	16.1					0
Turkey	760.7	564.0	0.3	0.4	0.2	3.8	568.7	18.9	62.6	0	81.6	78.0	31.7	0.9	110.5	0
Ukraine #	89.0	66.1	0	0			66.1	0	10.8	0	10.8	5.8	6.2	0	12.0	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev

Table B.4.7
Percentages of established therapy, unadjusted
prevalent patients on December 31

	Total	Haemodialysis					Peritoneal dialysis				Transplant			Missing		
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased		Tx type Unkn	Total Tx
		%	%	%	%	%	%	%	%	%	%	%	%		%	%
Bosnia-Herzegovina	100	84.4	0	0.7	0.3	2.9	88.3	0.1	4.4	0	4.5	4.9	1.0	0.3	6.2	1.0
Croatia	100	66.6	0	0	0.3	1.5	68.4	1.3	4.5	0.2	6.1	3.4	19.2	2.9	25.5	0
Czech Republic †	100	66.8	0	0	0	24.9	91.8			8.2	8.2					0
Estonia	100	19.5	0	0	0	13.9	33.4	1.0	3.2	7.0	11.2	6.1	49.4	0	55.4	0
France (20 of 26 regions) ‡	100	45.6	0.5	0	0.1	3.9	50.1	1.6	2.5	0	4.1	3.0	42.2	0.5	45.7	0.2
FYR of Macedonia	100	87.9	0	0	0	0	87.9	0.1	1.9	0	2.0	9.4	0.7	0	10.1	0
Israel †	100	93.7	0	0			93.7	3.4	3.0	0	6.3					0
Italy (16 of 20 regions) † §	100	67.1	0.3	5.9	2.8	11.9	88.0	4.4	4.9	0.1	9.3					2.7
Latvia	100	38.6	0	0			38.6			12.3	12.3	1.0	48.1	0	49.1	0
Montenegro	100	69.2	0	0	0	18.3	87.5	0	2.4	0	2.4	4.8	2.4	2.9	10.1	0
Poland	100	59.0	0	0			59.0	1.9	2.2	0	4.2			36.8	36.8	0
Portugal	100	6.3	0	0	35.2	20.6	62.2	2.1	1.3	0	3.4			34.4	34.4	0
Russia	100	71.6	0	0	0	0	71.6	0.4	6.7	0	7.1	2.5	18.8	0	21.3	0
Slovakia †	100	47.7	0	0	0	45.8	93.5	2.5	4.0	0	6.5					0
Slovenia	100	35.6	0	0	0.4	32.3	68.3	1.7	3.6	0	5.3	0.9	25.5	0	26.4	0
Spain (18 of 19 regions)	100	46.9	0.1	0			47.1	1.2	3.8	0	5.0			48.0	48.0	0
Tunisia †	100	97.8					97.8	1.3	0.8	0	2.2					0
Turkey	100	74.1	0	0.1	0	0.5	74.8	2.5	8.2	0	10.7	10.2	4.2	0.1	14.5	0
Ukraine #	100	74.3	0	0			74.3	0	12.2	0	12.2	6.5	7.0	0	13.5	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant
When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev

Table B.5.1
Renal transplants performed in 2008, numbers and percentages
by donor type

	Total		Living								Deceased		Donor type Unkn	
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Bosnia-Herzegovina	26	100	13	50.0	3	11.5	0	0	16	61.5	9	34.6	1	3.8
Croatia	157	100	12	7.6	3	1.9	1	0.6	16	10.2	116	73.9	25	15.9
Czech Republic	334	100					29	8.7	29	8.7	305	91.3	0	0
Estonia	57	100	3	5.3	0	0	0	0	3	5.3	54	94.7	0	0
France (20 of 26 regions) ‡	2464	100	195	7.9	0	0	0	0	195	7.9	2269	92.1	0	0
FYR of Macedonia	8	100	6	75.0	2	25.0	0	0	8	100	0	0	0	0
Israel	241	100					57	23.7	57	23.7	97	40.2	87	36.1
Italy ††	1530	100					124	8.1	124	8.1	1406	91.9	0	0
Latvia	49	100	1	2.0	0	0	0	0	1	2.0	48	98.0	0	0
Montenegro	16	100	5	31.3	7	43.8	0	0	12	75.0	4	25.0	0	0
Poland	810	100	23	2.8	0	0	0	0	23	2.8	787	97.2	0	0
Portugal	525	100					49	9.3	49	9.3	476	90.7	0	0
Russia	782	100	145	18.5	0	0	0	0	145	18.5	637	81.5	0	0
Slovakia														
Slovenia	52	100	0	0	0	0	0	0	0	0	52	100	0	0
Spain ‡‡	2229	100					156	7.0	156	7.0	2073	93.0	0	0
Tunisia	127	100	99	78.0	0	0	0	0	99	78.0	28	22.0	0	0
Turkey	1317	100	666	50.6	273	20.7	0	0	939	71.3	377	28.6	1	0.1
Ukraine #	71	100	50	70.4	4	5.6	0	0	54	76.1	17	23.9	0	0

Categories may not add up to total or to 100% because of missing values or rounding off

When cells are left empty, the data are unavailable

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

†† Data from: Centro Nazionale Trapianti

‡‡ Data from: Organización Nacional de Trasplantes (ONT), 2008 from total Spanish population

Data do not include the city of Kiev

Table B.5.2
Renal transplants performed in 2008, per million population
by donor type

	Total	Living				Deceased	Donor type Unkn
	Pmp	Related	Unrelated	Type Unkn	All	Pmp	Pmp
		Pmp	Pmp	Pmp	Pmp		
Bosnia-Herzegovina	7.4	3.7	0.9	0	4.6	2.6	0.3
Croatia	35.4	2.7	0.7	0.2	3.6	26.1	5.6
Czech Republic	31.9			2.8	2.8	29.1	0
Estonia	42.5	2.2	0	0	2.2	40.3	0
France (20 of 26 regions) ‡	45.1	3.6	0	0	3.6	41.5	0
FYR of Macedonia	4.0	3.0	1.0	0	4.0	0	0
Israel	33.0			7.8	7.8	13.3	11.9
Italy ††	34.6			2.8	2.8	31.8	0
Latvia	21.7	0.4	0	0	0.4	21.2	0
Montenegro	25.5	8.0	11.2	0	19.1	6.4	0
Poland	22.4	0.6	0	0	0.6	21.7	0
Portugal	49.4			4.6	4.6	44.8	0
Russia	5.8	1.1	0	0	1.1	4.7	0
Slovakia							
Slovenia	25.6	0	0	0	0	25.6	0
Spain ‡‡	48.3			3.4	3.4	44.9	0
Tunisia	12.4	9.7	0	0	9.7	2.7	0
Turkey	18.6	9.4	3.9	0	13.3	5.3	0
Ukraine #	1.5	1.1	0.1	0	1.2	0.4	0

Categories may not add up to total or to 100% because of missing values or rounding off

When cells are left empty, the data are unavailable

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

†† Data from: Centro Nazionale Trapianti

‡‡ Data from: Organización Nacional de Trasplantes (ONT), 2008 from total Spanish population

Data do not include the city of Kiev

IV Summary Data

IV Summary Data

The summary data on the incidence and prevalence of renal replacement therapy in 2008 are based on data of national or regional registries that provided individual patient data for Section A or aggregated patient data for Section B of this annual report.

Table S.1.1

Section A - Summary data from registries providing individual patient data

	General population covered by the registry in thousands	Incidence in 2008, at day 1				Prevalence on December 31, 2008			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Austria	8332	1224	147	391	47	7920	951	1685	202
Belgium, Dutch-speaking	6162	1162	189	268	44	6871	1115	1234	200
Belgium, French-speaking	4505	855	190	198	44	5194	1153	854	190
Denmark	5494	694	126	158	29	4683	852	806	147
Finland	5313	504	95	168	32	4081	768	1072	202
France (16 of 26 regions) §	34371	4528	132	985	29	33679	980	4288	125
Greece	11237	2239	199	652	58	11607	1033	2138	190
Iceland	317	23	73	4	13	165	520	13	41
Italy (13 of 20 regions) †	32250	4850	150	927	29	33161	1028	4167	129
Norway	4768	533	112	97	20	3890	816	450	94
Romania	21514	2073	96	259	12	9067	422	766	36
Spain, Andalusia	8253	1049	127	214	26	8010	971	1025	124
Spain, Asturias	1083	140	129	27	25	1125	1039	162	150
Spain, Basque country	2165	232	107	43	20	2273	1050	213	98
Spain, Cantabria	586	67	114	16	27	494	844	59	101
Spain, Castile and Leon	2560	320	125	81	32	2481	969	356	139
Spain, Castile-La Mancha	2062	202	98	57	28	1848	896	295	143
Spain, Catalonia	7364	990	134	199	27	8276	1124	1052	143
Spain, Extremadura	1100	148	135	41	37	1001	910	124	113
Spain, Valencian region	5030	681	135	109	22	5437	1081	589	117
Sweden	9220	1126	122	267	29	8044	873	1493	162
The Netherlands	16446	1988	121	359	22	13895	845	1544	94
United Kingdom, England	51446	5540	108	1111	22	40166	781	5551	108
United Kingdom, Northern Ireland	1775	193	109	39	22	1438	810	214	121
United Kingdom, Scotland	5169	549	106	125	24	4241	821	549	106
United Kingdom, Wales	2994	333	111	87	29	2491	832	380	127
All countries	251516	32243	128	6882	27	221538	881	31079	124

§ Data based on the regions Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, and Veneto

It should be mentioned that Belgium (Dutch-speaking), Belgium (French-speaking), Spain (Asturias), Spain (Cantabria), Spain (Castile-La Mancha), Spain (Castile and Leon), Spain (Extremadura), and United Kingdom (England/Northern Ireland/Wales) did not provide data of patients in the age group from 0 to 20 years. Therefore, the true incidence and prevalence counts for these countries are slightly higher than the counts reported here.

Table S.1.2

Section B - Summary data from registries providing aggregated data

	General population covered by the registry in thousands	Incidence in 2008, at day 1				Prevalence on December 31, 2008			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Bosnia-Herzegovina	3508	572	163	117	33	2442	696	333	95
Croatia	4437	679	153	200	45	4009	904	724	163
Czech Republic † ††	10466	1904	182			5633	538		
Estonia	1340	88	66	19	14	626	467	124	93
France (20 of 26 regions) ‡	54673	8033	147	2031	37	57874	1059	8583	157
FYR of Macedonia	2022	241	119	61	30	1427	706	167	83
Israel ††	7309	1383	189	563	77	5032	689	2018	276
Italy (16 of 20 regions) § † ††	44253	6676	151	1386	31	37144	839	5777	131
Latvia	2261	214	95	35	16	912	403	102	45
Montenegro	627	19	30	7	11	208	332	33	53
Poland †††	36228	4972	137	1125	31	25013	690	3545	98
Portugal	10627	2467	232			14965	1408		
Russia	134809	4993	37	859	6	22234	165	1994	15
Slovakia † ††	2623	478	182	185	71	1493	569	598	228
Slovenia	2032	235	116	49	24	1967	968	285	140
Spain (18 of 19 regions)	44312	5673	128	1280	29	44067	994	6127	138
Tunisia ††	10225					7670	750	1579	154
Turkey †	70802	18672	264	5652	80	53859	761	13273	188
Ukraine #	46193	704	15	134	3	4109	89	493	11
All countries	488747	58003	121	13703	30	290684	595	45755	98

When cells are left empty, the data are unavailable and could therefore not be used for the calculations of the summary data

† Data on incidence include dialysis patients only

†† Data on prevalence include dialysis patients only

††† Data on prevalence on cause of renal failure (DM) include dialysis patients only

‡ Data based on the regions Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas-de-Calais, Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes, and the overseas department of Reunion

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the city of Kiev and the region Zakarpattya

V Reference Tables - Section Paediatric RRT

V Reference Tables - Section Paediatric RRT

The incidence and prevalence of RRT in paediatric patients are based on data from 14 registries from 11 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Denmark, Finland, Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Basque country), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). In the analyses the data collected between 1999 and 2008 were used. Romania provided data for 2006, 2007 and 2008. To allow for comparison over the years, data regarding 2007 and 2008 are shown both including and excluding the data from Romania. The methods that were applied to the data on paediatric patients were similar to those applied to the data on adult patients and are described in Chapter VI Methods.

Further details on the epidemiology of paediatric patients on RRT and on projects and initiatives collecting paediatric data are available on the website of the European Society for Paediatric Nephrology (ESPN)/ ERA-EDTA Registry, www.espn-reg.org. In addition to the countries presented in this report several other national registries have contributed data regarding paediatric patients in 2008 to the ESPN/ERA-EDTA Registry separately from the ERA-EDTA Registry. On June 10, 2010 these registries were Belarus, Bosnia Herzegovina, Croatia, Czech Republic, Estonia, France, FYR of Macedonia, Hungary, Italy, Latvia, Lithuania, Montenegro, Portugal, Republic of Serbia, Russia, Slovakia, Slovenia, Spain, Switzerland, Ukraine and the United Kingdom.

P1 GENERAL CHARACTERISTICS

Table P.1.1
Population covered (in thousands)
by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1999	19629	4579	4929	4895	5227
2000	19532	4563	4905	4917	5148
2001	19487	4501	4873	4983	5131
2002	19505	4597	4794	5003	5111
2003	19536	4637	4739	5046	5113
2004	19477	4683	4701	5059	5034
2005	19505	4715	4680	5041	5069
2006	19624	4756	4712	5005	5150
2007	19692	4796	4723	4960	5213
2008	19895	4869	4815	4937	5274
2007 *	24528	5860	5816	6101	6750
2008 *	24595	5942	5894	6057	6703
1998-2008 *	205418	48833	50043	52105	54436

* Including Romanian data with respect to 2007 & 2008

Table P.1.2
Grouping of primary renal disease codes for paediatric patients
groups and codes included

Primary renal disease group	Primary renal disease code (see appendix 1)
Glomerulonephritis	10, 11, 12, 13, 14, 15, 16, 17, 19, and 86
Congenital anomalies of the kidney and urinary tract (CAKUT)	22, 21, 24, 60, 61, 63, and 66
Cystic kidney disease	40, 41, 42, 43, and 49
Hereditary nephropathy	59, 50, and 51
Ischaemic renal failure	90
Haemolytic uraemic syndrome (HUS)	88
Metabolic disorders	52, 53, 54, 92, and 93
Vasculitis	73, 87, 74, 84, and 85
Pyelonephritis	20, 23, 25, and 29
Miscellaneous	30, 31, 32, 33, 34, 39, 70, 71, 72, 75, 76, 78, 79, 80, 81, 82, 83, 89, 91, 94, 95, 96, and 99
Missing, unknown	0 and missing

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.1
Incident counts
at day 1, by age and cohort

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1999-2000	382	64	53	95	170
2001-2002	372	70	50	86	166
2003-2004	387	68	47	103	169
2005-2006	379	84	50	88	157
2007-2008	379	79	43	97	160
2007-2008 *	455	84	48	112	211
1999-2008 *	1975	370	248	484	873

* Including Romanian data with respect to 2007 & 2008

Table P.2.2
Incident rates per million age-related population (per year)
at day 1, by age and cohort

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
1999-2000	9.8	7.0	5.4	9.7	16.4
2001-2002	9.5	7.7	5.2	8.6	16.2
2003-2004	9.9	7.3	5.0	10.2	16.7
2005-2006	9.7	8.9	5.3	8.8	15.4
2007-2008	9.6	8.2	4.5	9.8	15.3
2007-2008 *	9.3	7.1	4.1	9.2	15.7
1999-2008 *	9.6	7.6	5.0	9.3	16.0

* Including Romanian data with respect to 2007 & 2008

Table P.2.3
Incident counts
between 1999 and 2008, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
Glomerulonephritis	365	37	36	86	206
CAKUT	593	129	74	170	220
Cystic kidney disease	154	26	26	50	52
Hereditary nephropathy	153	61	15	23	54
Ischaemic renal failure	34	13	4	9	8
HUS	65	25	10	6	24
Metabolic disorders	46	6	13	17	10
Vasculitis	59	2	1	17	39
Pyelonephritis	36	1	3	5	27
Miscellaneous	198	49	26	34	89
Missing, unknown	272	21	40	67	144

Including Romanian data with respect to 2007 & 2008

Table P.2.4
Incident rates per million age-related population (per year)
between 1999 and 2008, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
Glomerulonephritis	1.8	0.8	0.7	1.7	3.8
CAKUT	2.9	2.6	1.5	3.3	4.0
Cystic kidney disease	0.7	0.5	0.5	1.0	1.0
Hereditary nephropathy	0.7	1.2	0.3	0.4	1.0
Ischaemic renal failure	0.2	0.3	0.1	0.2	0.1
HUS	0.3	0.5	0.2	0.1	0.4
Metabolic disorders	0.2	0.1	0.3	0.3	0.2
Vasculitis	0.3	0.0	0.0	0.3	0.7
Pyelonephritis	0.2	0.0	0.1	0.1	0.5
Miscellaneous	1.0	1.0	0.5	0.7	1.6
Missing, unknown	1.3	0.4	0.8	1.3	2.6

Including Romanian data with respect to 2007 & 2008

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.5

Incident counts
at day 1, by age, treatment modality, and cohort

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1999-2000	172	133	77	12	45	7	13	25	15	36	31	28	111	32	27
2001-2002	158	153	61	5	58	7	14	26	10	37	31	18	102	38	26
2003-2004	174	124	89	9	45	14	17	14	16	37	36	30	111	29	29
2005-2006	158	135	86	16	56	12	9	24	17	34	27	27	99	28	30
2007-2008	153	126	99	15	53	11	11	10	22	42	28	27	85	35	39
2007-2008 *	204	142	108	17	56	11	12	14	22	53	31	28	122	41	47
1999-2008 *	866	687	421	59	260	51	65	103	80	197	156	131	545	168	159

For 1 patient information on treatment modality at start was unavailable

* Including Romanian data with respect to 2007 & 2008

Table P.2.6

Incident rates per million age-related population (per year)

at day 1, by age, treatment modality, and cohort

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
1999-2000	4.4	3.4	2.0	1.3	4.9	0.8	1.3	2.5	1.5	3.7	3.2	2.9	10.7	3.1	2.6
2001-2002	4.1	3.9	1.6	0.5	6.4	0.8	1.4	2.7	1.0	3.7	3.1	1.8	10.0	3.7	2.5
2003-2004	4.5	3.2	2.3	1.0	4.8	1.5	1.8	1.5	1.7	3.7	3.6	3.0	10.9	2.9	2.9
2005-2006	4.0	3.5	2.2	1.7	5.9	1.3	1.0	2.6	1.8	3.4	2.7	2.7	9.7	2.7	2.9
2007-2008	3.9	3.2	2.5	1.6	5.5	1.1	1.2	1.0	2.3	4.2	2.8	2.7	8.1	3.3	3.7
2007-2008 *	4.2	2.9	2.2	1.4	4.7	0.9	1.0	1.2	1.9	4.4	2.5	2.3	9.1	3.0	3.5
1999-2008 *	4.2	3.3	2.0	1.2	5.3	1.0	1.3	2.1	1.6	3.8	3.0	2.5	10.0	3.1	2.9

For 1 patient information on treatment modality at start was unavailable

* Including Romanian data with respect to 2007 & 2008

P3 PREVALENT PATIENTS ON RRT

Table P.3.1

Prevalent counts

prevalent patients on December 31, by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1999	1196	77	199	333	587
2000	1239	83	198	348	610
2001	1240	96	181	352	611
2002	1223	98	178	364	583
2003	1243	101	171	363	608
2004	1270	91	179	366	634
2005	1281	101	183	354	643
2006	1295	100	213	327	655
2007	1307	113	211	319	664
2008	1298	99	207	329	663
2007 *	1411	115	219	345	732
2008 *	1377	101	212	349	715

* Including Romanian data with respect to 2007 & 2008

Table P.3.2

Prevalence per million age-related population (per year)

prevalent patients on December 31, by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
1999	60.9	16.8	40.4	68.0	112.3
2000	63.4	18.2	40.4	70.8	118.5
2001	63.6	21.3	37.1	70.6	119.1
2002	62.7	21.3	37.1	72.8	114.1
2003	63.6	21.8	36.1	71.9	118.9
2004	65.2	19.4	38.1	72.4	125.9
2005	65.7	21.4	39.1	70.2	126.9
2006	66.0	21.0	45.2	65.3	127.2
2007	66.4	23.6	44.7	64.3	127.4
2008	65.2	20.3	43.0	66.6	125.7
2007 *	57.5	19.6	37.7	56.6	108.4
2008 *	56.0	17.0	36.0	57.6	106.7

* Including Romanian data with respect to 2007 & 2008

P3 PREVALENT PATIENTS ON RRT

Table P.3.3

Prevalent counts

prevalent patients on December 31, 2008, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
Glomerulonephritis	204	6	24	54	120
CAKUT	448	39	72	106	231
Cystic kidney disease	115	6	17	27	65
Hereditary nephropathy	140	20	26	34	60
Ischaemic renal failure	30	5	7	8	10
HUS	62	6	11	18	27
Metabolic disorders	32	2	2	8	20
Vasculitis	21	1	0	4	16
Pyelonephritis	41	1	3	10	27
Miscellaneous	132	9	22	38	63
Missing, unknown	152	6	28	42	76

Including Romanian data

Table P.3.4

Prevalence per million age-related population (per year)

prevalent patients on December 31, 2008, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
Glomerulonephritis	8.3	1.0	4.1	8.9	17.9
CAKUT	18.2	6.6	12.2	17.5	34.5
Cystic kidney disease	4.7	1.0	2.9	4.5	9.7
Hereditary nephropathy	5.7	3.4	4.4	5.6	9.0
Ischaemic renal failure	1.2	0.8	1.2	1.3	1.5
HUS	2.5	1.0	1.9	3.0	4.0
Metabolic disorders	1.3	0.3	0.3	1.3	3.0
Vasculitis	0.9	0.2	0.0	0.7	2.4
Pyelonephritis	1.7	0.2	0.5	1.7	4.0
Miscellaneous	5.4	1.5	3.7	6.3	9.4
Missing, unknown	6.2	1.0	4.8	6.9	11.3

Including Romanian data

Table P.3.5

Prevalent counts

prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1999	170	145	874	7	37	31	11	30	157	32	30	270	120	48	416
2000	163	148	922	7	37	37	10	28	160	39	29	279	107	54	446
2001	147	161	924	7	50	38	10	22	146	31	33	287	99	56	453
2002	137	138	942	5	46	47	8	19	148	32	31	301	92	42	446
2003	147	116	974	11	34	56	18	17	133	27	22	314	91	43	471
2004	162	112	992	7	29	55	17	14	146	30	29	307	108	40	484
2005	162	112	1002	7	32	62	14	25	143	31	21	301	110	34	496
2006	159	112	1022	12	32	56	14	28	170	29	18	280	104	34	516
2007	152	116	1037	14	42	57	18	16	177	27	21	270	93	37	533
2008	141	78	1079	10	28	61	15	14	178	31	16	282	85	20	558
2007 *	210	143	1056	15	43	57	20	20	179	43	30	271	132	50	549
2008 *	180	100	1097	11	29	61	16	17	179	41	24	284	112	30	573

* Including Romanian data with respect to 2007 & 2008

Table P.3.6

Prevalence per million age-related population (per year)

prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
1999	8.7	7.4	44.5	1.5	8.1	6.8	2.2	6.1	31.9	6.5	6.1	55.2	23.0	9.2	79.6
2000	8.3	7.6	47.2	1.5	8.1	8.1	2.0	5.7	32.6	7.9	5.9	56.7	20.8	10.5	86.6
2001	7.5	8.3	47.4	1.6	11.1	8.4	2.1	4.5	30.0	6.2	6.6	57.6	19.3	10.9	88.3
2002	7.0	7.1	48.3	1.1	10.0	10.2	1.7	4.0	30.9	6.4	6.2	60.2	18.0	8.2	87.3
2003	7.5	5.9	49.9	2.4	7.3	12.1	3.8	3.6	28.1	5.4	4.4	62.2	17.8	8.4	92.1
2004	8.3	5.8	50.9	1.5	6.2	11.7	3.6	3.0	31.1	5.9	5.7	60.7	21.5	7.9	96.1
2005	8.3	5.7	51.4	1.5	6.8	13.2	3.0	5.3	30.6	6.1	4.2	59.7	21.7	6.7	97.9
2006	8.1	5.7	52.1	2.5	6.7	11.8	3.0	5.9	36.1	5.8	3.6	55.9	20.2	6.6	100.2
2007	7.7	5.9	52.7	2.9	8.8	11.9	3.8	3.4	37.5	5.4	4.2	54.4	17.8	7.1	102.2
2008	7.1	3.9	54.2	2.1	5.8	12.5	3.1	2.9	37.0	6.3	3.2	57.1	16.1	3.8	105.8
2007 *	8.6	5.8	43.1	2.6	7.3	9.7	3.4	3.4	30.8	7.0	4.9	44.4	19.6	7.4	81.3
2008 *	7.3	4.1	44.6	1.9	4.9	10.3	2.7	2.9	30.4	6.8	4.0	46.9	16.7	4.5	85.5

* Including Romanian data with respect to 2007 & 2008

VI Methods

VI Methods

The ERA-EDTA Registry is located at the Department of Medical Informatics in the Academic Medical Center in Amsterdam, The Netherlands. This department hosts several clinical registries which share a quality management system with Standard Operating Procedures (SOPs) for data collection, data storage, data analysis, and the production of the annual report. Since 2004 this quality management system has been ISO 9001:2000 certified, with a certificate renewal according to ISO 9001:2008 in March 2010.

Data collection and preparation

Section A

Data collection

Once a year data sets containing individual patient data are sent to the office of the ERA-EDTA Registry in Amsterdam. Data delivery takes place in one of the Open Data Base Connectivity (ODBC) compatible file formats, like Microsoft Access, Microsoft Excel, or in other formats like text, SPSS or SAS. Collaborating registries send data by e-mail and most data sets are received in PGP encrypted format.

Variables

The ERA-EDTA Registry asks national and regional registries for the data in Table 1.

Table 1: Variables collected for Section A

Patient data	Transaction data
Patient identifier	Patient identifier
Country of registry	Date of event
Date of birth	Type of event / treatment
Gender	Cause of death
Primary Renal Disease	Treatment centre
Date of first RRT	Source registry
	Destination registry

Collaborating registries and participating countries

Individual patient data of 36 national and regional registries from 14 countries were used to create the tables in Section A of this annual report (see Figure 1, page 12).

Registry data are subject to continuous alteration and improvement. Small differences between ERA-EDTA Registry data and the data presented in the national and regional registry's own annual reports may result from different times of data extraction. Minor differences between the numbers reported by the UK Renal Registry and this annual report may occur because of two reasons. First, the UK Renal Registry allocates patients to UK country by zip code of residence, while the ERA-EDTA Registry allocates patients by renal unit. Second, the prevalence as reported in the UK Renal Registry Report is based on quarterly data returns, whereas the prevalence as reported in this annual report is based on data derived from the modality timeline.

The data on France presented in Section A of this report, are based on one dataset containing data from 16 of 26 regions, including Alsace, Aquitaine, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute-Normandie, Languedoc-Roussillon, Midi-Pyrénées, Pays de la Loire, Picardie, Poitou-Charentes, Provence-Alpes-Côte d'Azur, and the overseas department of Reunion.

The data on Italy presented in Section A of this report, are based on separate datasets from 13 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta and Veneto.

The data on Spain presented in Section A of this report are based on separate datasets from 9 of 19 regions, including Andalusia, Asturias, Basque country, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, and Valencian region.

Differences between collaborating registries

Definitions and collection of data

In the comparison of data between registries it should be recognized that there may be small differences between registries in definitions and in the collection of their data. For example, the different registries do not collect data at the same level of detail, especially with regard to the various subtypes of the treatment modalities.

Patient population

The data from Belgium (Dutch-speaking), Belgium (French-speaking), Spain (Asturias), Spain (Cantabria), Spain (Castile-La Mancha), Spain (Castile and Leon), Spain (Extremadura), and United Kingdom (England/Northern Ireland/Wales) only comprised patients older than 20 years of age. It has been estimated that inclusion of data on children would add about 2 per million population (Pmp) to the incidence rate and about 13 Pmp to the prevalence.

For the calculation of the incidence of those alive and on RRT on day 91, registries were asked to provide data with a follow-up until 31 March 2009. For the following registries data were only available until 31 December 2008: France (all regions), Italy (all regions), Spain (Asturias), Spain (Catalonia), and Spain (Extremadura). For these registries the incidence on day 91 was estimated as explained in the paragraph on statistical analyses.

In Italy there is an underreporting of patients living on a functioning graft that is estimated at 25-30%. As a consequence, the overall prevalence of RRT was underestimated by approximately 11%. As the therapy history of transplant recipients could not be completely reconstructed the Italian data were excluded from all analyses for which this therapy history is needed, e.g. survival analysis. An exception was made for data from Calabria that were complete and could therefore participate in all analyses performed by the ERA-EDTA Registry.

Data loading and cleaning

The registry data were imported using an in-house developed import utility. This program first unifies the data and then translates any non-standard codes. Consistency checks were performed, and thereafter the data were converted to the desired format in order to make storage in the relational and event-driven database possible. The new data, annually provided by national and regional registries, replaced all existing data in the ERA-EDTA Registry database. Changes in the data sets made by the national and regional registries were in this way adopted by the ERA-EDTA Registry. The import utility performed extensive logging and the logging-results were used to provide the national and regional registries with feedback concerning inconsistencies or other problems in the data.

After data analysis, the results were compared to the annual reports published by the national and regional registries as a first check for errors. In case of discrepancies the registry was contacted and potential problems regarding (the interpretation of) their data set were solved. Thereafter, more detailed reports were produced which needed the approval from the registries before publication in the ERA-EDTA annual report.

ERA-EDTA Registry database

Microsoft SQL Server was used to manage the ERA-EDTA Registry database. This relational and event-driven database consists of a patient and a transaction table which can be extended according to future needs.

General population data

Midyear population data of the contributing countries were provided by Eurostat, the national bureau of statistics or the national or regional registry. The sources of the population data used for the analyses in Section A are shown in Table 2.

Table 2: Sources of general population data for the national and regional registries participating in Section A

Registry	Sources of general population data of 2008
Austria	registry
Belgium, Dutch-speaking	http://aps.vlaanderen.be/
Belgium, French-speaking	http://aps.vlaanderen.be/
Denmark	http://epp.eurostat.ec.europa.eu/
Finland	http://epp.eurostat.ec.europa.eu/
France	http://epp.eurostat.ec.europa.eu/
Greece	http://epp.eurostat.ec.europa.eu/
Iceland	http://epp.eurostat.ec.europa.eu/
Italy	http://demo.istat.it/
Norway	http://epp.eurostat.ec.europa.eu/
Romania	http://epp.eurostat.ec.europa.eu/
Spain, Andalusia	http://www.ine.es/
Spain, Asturias	http://www.ine.es/
Spain, Basque country	http://www.ine.es/
Spain, Cantabria	http://www.ine.es/
Spain, Castile and Leon	http://www.ine.es/
Spain, Castile-La Mancha	http://www.ine.es/
Spain, Catalonia	registry
Spain, Extremadura	http://www.ine.es/
Spain, Valencian region	http://www.ine.es/
Sweden	http://epp.eurostat.ec.europa.eu/
The Netherlands	http://epp.eurostat.ec.europa.eu/
United Kingdom, England/Northern Ireland/Wales	http://www.statistics.gov.uk/
United Kingdom, Scotland	http://www.statistics.gov.uk/

Reference population

Starting this annual report 2008, the age and gender distribution of the EU27 of 2005 as provided by Eurostat is used for the adjustment of incidence rates and prevalence for age and gender [1]. The age and gender distribution of EU27 in 2005 is shown in Table 3.

Table 3: The age and gender distribution of the reference population EU27 (2005)

Age groups	All	Men	Women
	N	N	N
0-4	25,319,377	12,987,194	12,332,183
5-9	25,785,403	13,220,589	12,564,814
10-14	27,909,860	14,308,595	13,601,265
15-19	30,553,193	15,655,201	14,897,992
20-24	32,182,224	16,362,495	15,819,729
25-29	33,801,832	17,155,652	16,646,180
30-34	35,618,802	18,014,943	17,603,859
35-39	37,664,584	19,014,329	18,650,255
40-44	37,194,942	18,664,119	18,530,823
45-49	35,145,729	17,491,426	17,654,303
50-54	32,862,110	16,196,648	16,665,462
55-59	30,683,670	15,009,724	15,673,946
60-64	25,257,188	12,132,666	13,124,522
65-69	24,176,265	11,232,568	12,943,697
70-74	20,772,535	9,170,809	11,601,726
75-79	17,024,353	6,886,468	10,137,885
80-84	12,055,615	4,197,014	7,858,601
85+	8,007,800	2,300,954	5,706,846
Total	492,015,482	240,001,394	252,014,088

Section B

Data collection

Section B relates to national and regional registries from countries providing the ERA-EDTA Registry with aggregated data. Data were provided via a Microsoft Excel template and imported for inclusion in this annual report.

Collaborating registries

Aggregated data from 19 national and regional registries from 19 countries are used for the preparation of the tables in Section B (see Figure 1, page 12). The following countries participated in Section B of this year's annual report: Bosnia-Herzegovina, Croatia, Czech Republic, Estonia, France, FYR of Macedonia, Israel, Italy, Latvia, Montenegro, Poland, Portugal, Russia, Slovakia, Slovenia, Spain, Tunisia, Turkey, and Ukraine.

Data from France are based on 20 of 26 regions, including Alsace, Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Ile de France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas de Calais, Picardie, Poitou Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, and the overseas department of Reunion.

Data from Italy are based on 16 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Piedmont, Sardinia, Sicily, Tuscany, Valle d'Aosta, and Veneto

Data from Spain are based on 18 of 19 regions, including Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Differences between collaborating registries

For the French data it was assumed that patients with a functioning graft with unknown residence (16%) lived in the same region as the region where they were followed.

Data loading and cleaning

The Microsoft Excel templates used for data collection included automated consistency checks. Additional checks were performed manually.

General population data

The population data needed for the calculation of incidence rates and prevalence Pmp were reported by the collaborating registries.

Reference population

As in Section A, we used the age and gender distribution of the EU27 of 2005 (see Table 3) as provided by Eurostat for the adjustment of incidence rates and prevalence [1].

Definitions and coding systems

The definitions given below apply to both Section A and B.

Incidence and prevalence

Incidence is the number of new cases of a condition or treatment (in this case RRT) during a specific period of time which, in this annual report, is a year (2008). Prevalence is the number of people in a given population with a particular disease or treatment (in this case RRT) at a given time, in this annual report at December 31, 2008.

Primary cause of renal failure

Renal diseases were defined according to the ERA-EDTA coding systems and subsequently classified into groups (Appendix 1).

Causes of death

Causes of death were defined according to the ERA-EDTA coding systems and subsequently classified into groups (Appendix 2).

Treatment modalities

Appendix 3 provides an overview of the coding currently used for treatment modalities in the ERA-EDTA database.

Statistical analyses

An overview of the renal registries contributing data for the different types of analyses is given in Appendix 4.

SAS 9.2

For the data analyses SAS 9.2 [2] was used. This statistical software package is able to maintain large datasets, is syntax driven which increases reproducibility of results, and has extensive capabilities with respect to statistics and data management.

Section A

Incidence and prevalence

The incidence and prevalence tables were based on 36 national or regional registries from 14 countries that provided individual patient data for 2008, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Italy (Abruzzi), Italy (Apulia), Italy (Basilicata), Italy (Calabria), Italy (Emilia-Romagna), Italy (Liguria), Italy (Lombardy), Italy (Marche), Italy (Piedmont), Italy (Sardinia), Italy (Tuscany), Italy (Valle d'Aosta), Italy (Veneto), Norway, Romania, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Methods for calculating incidence and prevalence

Incidence (on day 1 and day 91) and prevalence of those alive and on RRT were calculated for the total population and for subgroups based on gender, age group, treatment modality, and cause of renal failure. The incidence or prevalence Pmp is the observed incident or prevalent count divided by the general population in that year and multiplied by one million. The general (midyear) population data for the year 2008 were provided by Eurostat, the national bureau of statistics or the national or regional registry (see data collection and preparation).

For those registries that had no data available with a follow-up until March 31, 2009, the incidence of RRT on day 91 was estimated. We assumed that the relative difference between the incidence on day 1 and the incidence on day 91 was similar for patients who started RRT in the first nine months of 2008, when compared to patients who started RRT in the last three months of 2008.

For the calculation of the mean and median age for incident patients on day 91, we used the actual age on day 91.

Adjustment of incidence and prevalence

Differences in unadjusted incidence and prevalence might be due to the differences in the age and gender distribution of the general population. The EU27 age and gender distribution of the European population was therefore used to adjust incidence and prevalence for age and gender [1]. Adjusted rates were derived by applying the weights of a reference population to the observed variable-specific rates (e.g. incidence rate per age group) in a country. This weighed average provides for each country a single summary rate that would be expected if that country had the age and gender distribution of the reference population.

The following example shows how to calculate the age adjusted incidence. In this example the incidence rate of country A in 2008 is 269 Pmp, the age-specific rates of country A and the reference population distribution with respect to age are shown in Table 4.

Table 4: Calculation of the adjusted incidence rate

Age groups	Incidence rate country A	Reference population
	Pmp	%
0-19	332	31.7
20-44	261	39.3
45-64	64	29.0
Total	269	100

The adjusted incident rate of country A in 2008 is:

$$(0.317 * 332) + (0.393 * 261) + (0.29 * 64) = 226 \text{ Pmp}$$

Performed renal transplants

For all participating countries and regions the number of renal transplants performed during the year was presented by donor type. In Iceland the number of transplants was somewhat lower, because several patients received transplants in other countries. Rates are expressed as numbers, percentages and Pmp.

Survival probability

In this annual report, patient survival on RRT, patient survival on dialysis, patient survival after the first transplant, and graft survival after the first transplant are presented in tables by age, gender and cause of renal failure. In the figures, the patient survival is presented by treatment modality and by cause of renal failure. Survival probabilities are presented as percentages from 0 to 100.

Survival was analysed from day 1 and from day 91 onwards for those patients alive and on RRT on those days [4]. For the analysis of survival data two five-year cohorts were used:

- 1999-2003 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2002-2006 - for the presentation of 90-day, one- and two-year survival probabilities.

These analyses were based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Wales) and United Kingdom (Scotland). Spain (Castile and Leon), Spain (Castile-La Mancha) and Spain (Extremadura) were only included in the analyses based on the second cohort (2002-2006), because for these registries complete data were available from 2002.

December 31, 2008 was applied as censoring date for all survival analyses. For the different types of survival analysis the events and censoring were defined as shown in Table 5.

Table 5: Overview of the events and censoring as defined for the survival analyses in Section A

Survival type	Event	Censoring
Patients on renal replacement therapy	Death of patient	Recovery of renal function Loss to follow-up End of follow-up time
Patients on dialysis	Death of patient	Transplantation Recovery of renal function Loss to follow-up End of follow-up time
First transplant recipients	Death of patient	Loss to follow-up End of follow-up time
First graft	Death of patient Graft failure	Loss to follow-up End of follow-up time

Unadjusted survival probabilities

Unadjusted survival probabilities were calculated using the Kaplan-Meier method, and corresponding confidence intervals were calculated according to Bie et al. [4]. In unadjusted survival analysis the cells in the tables were left blank when there were less than 30 patients in that cell.

Adjusted survival probabilities

The Cox regression model was used to compare the survival between groups while accounting for confounders [5]. Survival probabilities were adjusted for age, gender and primary renal disease. As the ERA-EDTA Registry database is still growing with respect to the coverage of European countries, it was decided to adjust for fixed values for a number of variables in the survival analyses to make results more comparable across time periods. The fixed values of variables used for the survival tables are shown in Table 6.

In the adjusted survival analyses, cells with less than 30 events were left empty. Patients for whom age, gender, or primary renal disease was missing were excluded.

Survival figures

In the Figures A.6.1 to A.6.3 survival was adjusted for age 60 years and gender 60% men. In addition, Figure A.6.1 was adjusted for primary renal disease distribution: 20% Diabetes; 17% Hypertension / renal vascular disease; 15% Glomerulonephritis and 48% Other cause.

Table 6: Overview of the variables used to adjust the survival probabilities in Section A

Survival type	Age	Gender	Renal disease
Patients on renal replacement therapy	60 years	60% men	20% Diabetes 17% Hypertension / renal vascular disease 15% Glomerulonephritis 48% Other cause
Patients on dialysis	60 years	60% men	20% Diabetes 17% Hypertension / renal vascular disease 15% Glomerulonephritis 48% Other cause
First transplant recipients (deceased donor)	45 years	60% men	10% Diabetes 8% Hypertension / renal vascular disease 28% Glomerulonephritis 54% Other cause
First transplant recipients (living donor)	45 years	60% men	10% Diabetes 8% Hypertension / renal vascular disease 28% Glomerulonephritis 54% Other cause
First graft (deceased donor)	45 years	60% men	10% Diabetes 8% Hypertension / renal vascular disease 28% Glomerulonephritis 54% Other cause
First graft (living donor)	45 years	60% men	10% Diabetes 8% Hypertension / renal vascular disease 28% Glomerulonephritis 54% Other cause

The differences between the survival probabilities of this annual report and survival probabilities published in earlier annual reports of the ERA-EDTA Registry may be partly due to differences in participating countries.

Expected remaining lifetimes

Expected remaining lifetimes represent the average number of years of life remaining for persons who have reached a given age. In this annual report, expected remaining lifetimes were calculated for RRT patients and for the general population. For the calculation of expected remaining lifetimes of both groups, the methodology of the United States Renal Data System (USRDS) was adopted [6].

To be able to calculate expected remaining lifetimes we used data from registries providing data from 1997 until 2008. Consequently, the data of the following 17 national or regional registries from 11 countries were suitable for this analysis: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). With regard to the inclusion of the data, it should be noted that the differences between the expected remaining lifetimes of this annual report and expected remaining lifetimes published in earlier annual reports of the ERA-EDTA Registry may be partly due to differences in participating countries.

RRT population

The expected remaining lifetimes for RRT patients are presented by age, gender and treatment modality. The expected remaining lifetime for a certain patient group is the average of the remaining life expectancies for the patients in that group. Although this can not be known until all the patients in the group have died, the expected remaining lifetime can be projected by assuming that patients in the patient group will die at the same rates as those observed among older groups of recently prevalent RRT patients.

General population

The death rates Pmp by gender and age of the general population of the contributing countries were provided by Eurostat (based on EU27 in 2005). The size of the contribution of each country to the general population that was used to calculate expected remaining lifetimes was in proportion to the size of the general population covered by its renal registry.

Section B

Incidence and prevalence counts were provided by the contributing registries themselves. To increase the consistency of the data, general explanations of how to complete the Microsoft Excel template and how to calculate adjusted incidence and prevalence counts were provided to support the participating registries.

Paediatric Section

The incidence and prevalence tables were based on 14 national or regional registries from 11 countries that provided individual patient data from all paediatric centres in their population for 1999 to 2008, including Austria, Denmark, Finland, Greece, Iceland, Norway, Spain (Andalusia), Spain (Basque country), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). Romania provided data for 2006, 2007 and 2008.

Incidence (on day 1) and prevalence on RRT were calculated for subgroups based on age, treatment modality, and cause of renal failure. Incidence on RRT by 2 year cohorts was presented for paediatric patients who started RRT between 1999 and 2008. The cohort 2007-2008 was presented twice, once including and once excluding Romania to allow for a comparison over time. The incidence on RRT Pmp was the observed incident count in that particular time period divided by the age-related general population in that time period (for example the total population in 2007 + the total population in 2008) multiplied by one million. The grouping of primary renal disease codes for the paediatric population is described in Table P.3.1 as it differs from the primary renal codes of the adult population.

The prevalence on RRT was presented at 31 December of each year from 1999 to 2008. Again, the years 2007 and 2008 were presented twice. The prevalence on RRT by cause of renal failure was calculated for patients prevalent in 2008.

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VII Appendices

Appendix 1 - Grouping of primary renal diseases

Primary renal disease	1994 code	1995 code	PRD group
Glomerulonephritis; histologically NOT examined	10	10	I
Focal segmental glomerulosclerosis with nephrotic syndrome in children	11	11	I
IgA nephropathy (proven by immunofluorescence, not code 76 or 85)	12	12	I
Dense deposit disease; membrano-proliferative GN; type II (proven by immunofluorescence / electron microscopy)	13	13	I
Membranous nephropathy	14	14	I
Membrano-proliferative GN; type I (proven by immunofluorescence / electron microscopy, not code 84 or 89)	15	15	I
Crescentic (extracapillary) glomerulonephritis (type I, II, III)	16	16	I
Focal segmental glomerulosclerosis with nephrotic syndrome in adults	17	17	I
Glomerulonephritis; histologically examined, not given above	19	19	I
Pyelonephritis; cause not specified	20	20	II
Pyelonephritis associated with neurogenic bladder	21	21	II
Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux	22	22	II
Pyelonephritis due to acquired obstructive uropathy	23	23	II
Pyelonephritis due to vesico-ureteric reflux without obstruction	24	24	II
Pyelonephritis due to urolithiasis	25	25	II
Pyelonephritis due to other cause	29	29	II
Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above)	30	30	VII
Nephropathy (interstitial) due to analgesic drugs	31	31	VII
Nephropathy (interstitial) due to cis-platinum	32	32	VII
Nephropathy (interstitial) due to cyclosporin A	33	33	VII
Lead induced nephropathy (interstitial)		34	VII
Drug induced nephropathy (interstitial) not mentioned above	39	39	VII
Cystic kidney disease - type unspecified	40	40	VII
Polycystic kidneys; adult type (dominant)	41	41	III
Polycystic kidneys; infantile (recessive)	42	42	VII
Medullary cystic disease; including nephronophthisis	43	43	VII
Cystic kidney disease - other specified type	49	49	VII
Hereditary / Familial nephropathy - type unspecified	50	50	VII
Hereditary nephritis with nerve deafness (Alport's Syndrome)	51	51	VII
Cystinosis	52	52	VII
Primary oxalosis	53	53	VII
Fabry's disease	54	54	VII
Hereditary nephropathy - other specified type	59	59	VII
Renal hypoplasia (congenital) - type unspecified	60	60	VII
Oligomeganephronic hypoplasia	61	61	VII
Congenital renal dysplasia with or without urinary tract malformation	63	63	VII
Syndrome of agenesis of abdominal muscles (Prune Belly)	66	66	VII
Renal vascular disease - type unspecified	70	70	V
Renal vascular disease due to malignant hypertension	71	71	IV
Renal vascular disease due to hypertension	72	72	IV
Renal vascular disease due to polyarteritis	73	73	VII
Wegener's granulomatosis	74	74	VII
Glomerulonephritis related to liver cirrhosis	76	76	VII
Cryoglobulinaemic glomerulonephritis		78	VII
Renal vascular disease - due to other cause (not given above and not code 84-88)	79	79	V
Diabetes glomerulosclerosis or diabetic nephropathy - Type I	80	80	VI
Diabetes glomerulosclerosis or diabetic nephropathy - Type II	81	80	VI
Myelomatosis / light chain deposit disease	82	82	VII
Amyloid	83	83	VII
Lupus erythematosus	84	84	VII
Henoch-Schoenlein purpura	85	85	VII
Goodpasture's Syndrome	86	86	VII
Systemic sclerosis (scleroderma)	87	87	VII
Haemolytic Uraemic Syndrome (including Moschcowitz Syndrome)	88	88	VII
Multi-system disease - other (not mentioned above)	89	89	VII
Tubular necrosis (irreversible) or cortical necrosis (different from 88)	90	90	VII
Tuberculosis	91	91	VII
Gout	92	92	VII
Nephrocalcinosis and hypercalcaemic nephropathy	93	93	VII
Balkan nephropathy	94	94	VII
Kidney tumour	95	95	VII
Traumatic or surgical loss of kidney	96	96	VII
Other identified renal disorders	99	99	VII
Chronic renal failure; aetiology uncertain	00	00	VIII

PRD group: I: glomerulonephritis / sclerosis; II: pyelonephritis; III: polycystic kidneys, adult type; IV: hypertension; V: renal vascular disease; VI: diabetes; VII: miscellaneous; VIII: unknown

Appendix 2 - Grouping of causes of death

Cause of death	1994 code	1995 code	COD group
Cause of death uncertain / not determined	0	0	XI
Myocardial ischaemia and infarction	11	11	I
Hyperkalaemia	12	12	X
Haemorrhagic pericarditis	13	13	X
Other causes of cardiac failure	14	14	II
Cardiac arrest / sudden death; other cause or unknown	15	15	III
Hypertensive cardiac failure	16	16	II
Hypokalaemia	17	17	X
Fluid overload / pulmonary oedema	18	18	II
Pulmonary embolus	21	21	X
Cerebro-vascular accident, other cause or unspecified	22	22	IV
Gastro-intestinal haemorrhage	23	23	X
Haemorrhage from graft site	24	24	X
Haemorrhage from vascular access or dialysis circuit	25	25	X
Haemorrhage from ruptured vascular aneurysm (not code 22 or 23)	26	26	X
Haemorrhage from surgery (not code 23, 24 or 26)	27	27	X
Other haemorrhage (not codes 23-27)	28	28	X
Mesenteric infarction	29	29	X
Pulmonary infection (bacterial - not code 73)	31	31	V
Pulmonary infection (viral)	32	32	V
Pulmonary infection (fungal or protozoal; parasitic)	33	33	V
Infections elsewhere except virus hepatitis	34		V
Septicaemia	35	35	V
Tuberculosis (lung)	36	36	V
Tuberculosis (elsewhere)	37	37	V
Generalized viral infection	38	38	V
Peritonitis (all causes except for Peritoneal Dialysis)	39	39	V
Liver disease due to hepatitis B virus	41	41	X
Liver disease due to other viral hepatitis	42	42	X
Liver disease due to drug toxicity	43	43	X
Cirrhosis - not viral	44	44	X
Cystic liver disease	45	45	X
Liver failure - cause unknown	46	46	X
Patient refused further treatment for ESRF	51	51	VI
Suicide	52	52	VI
ESRF treatment ceased for any other reason	53	53	VII
ESRF treatment withdrawn for medical reasons		54	VII
Uremia caused by graft failure	61		X
Pancreatitis	62	62	X
Bone marrow depression	63	63	X
Cachexia	64	64	VIII
Malignant disease, possibly induced by immunosuppressive therapy	66	66	IX
Malignant disease: solid tumors except those of 66	67	67	IX
Malignant disease: lymphoproliferative disorders except those of 66		68	IX
Dementia	69	69	X
Peritonitis (sclerosing, with peritoneal dialysis)	70	70	V
Perforation of peptic ulcer	71	71	X
Perforation of colon	72	72	X
Chronic obstructive airways disease	73	73	X
Accident related to ESRF treatment (not code 25)	81	81	X
Accident unrelated to ESRF treatment	82	82	X
Peritonitis (bacterial, with peritoneal dialysis)		100	V
Peritonitis (fungal, with peritoneal dialysis)		101	V
Peritonitis (due to other cause, with peritoneal dialysis)		102	V
Other identified cause of death	99	99	X

COD group: I: myocardial ischaemia and infarction; II: heart failure; III: cardiac arrest, other cause / unknown; IV: cerebrovascular accident; V: infection; VI: suicide / refusal treatment; VII: withdrawal; VIII: cachexia; IX: malignancies; X: miscellaneous; XI: unknown / unavailable

Appendix 3 - Treatment modalities

Event	Event code
Home haemodialysis	001
Centre haemodialysis	002
Haemofiltration	003
Haemodiafiltration	004
Haemodialysis, type unknown	009
Continuous Ambulatory Peritoneal Dialysis (CAPD)	011
Intermittent Ambulatory Peritoneal Dialysis (CAPD)	012
Continuous Automated Peritoneal Dialysis (APD)	013
Intermittent Automated Peritoneal Dialysis (APD)	014
Peritoneal Dialysis, type unknown	019
Unknown dialysis	090
Transplantation, living donor	020
Transplantation, living related donor	021
Transplantation, living unrelated donor	022
Transplantation, deceased donor	023
Transplantation, donor type unknown	029
Transplantation follow-up (still functioning)	060
Graft failure	061
Treatment type unknown / unavailable	031
Recovery Renal Function	051
Death	052
Transfer out to other registry	053
Transfer in from other registry	054
Lost to follow-up	055
Limited care / stopped treatment (without recovery of renal function)	071

Appendix 4 - Renal registries contributing data for the different types of analyses

	Section A Individual patient data			Section B Aggregated data	Section Paediatric RRT Individual patient data
	Incidence and prevalence	Survival	Expected remaining lifetimes	Incidence and prevalence	Incidence and prevalence
Austria	+	+	+	-	+
Belgium, Dutch-speaking	+	+	+	-	-
Belgium, French-speaking	+	+	+	-	-
Bosnia-Herzegovina	-	-	-	+	-
Croatia	-	-	-	+	-
Czech Republic	-	-	-	+	-
Denmark	+	+	+	-	+
Estonia	-	-	-	+	-
Finland	+	+	+	-	+
France *	+	-	-	+	-
FYR of Macedonia	-	-	-	+	-
Greece	+	+	+	-	+
Iceland	+	+	+	-	+
Israel	-	-	-	+	-
Italy † ‡	+	+	-	+	-
Latvia	-	-	-	+	-
Montenegro	-	-	-	+	-
Norway	+	+	+	-	+
Poland	-	-	-	+	-
Portugal	-	-	-	+	-
Romania	+	-	-	-	+
Russia	-	-	-	+	-
Slovakia	-	-	-	+	-
Slovenia	-	-	-	+	-
Spain, Andalusia	+	+	+	+	+
Spain, Aragon	-	-	-	+	-
Spain, Asturias	+	+	+	+	-
Spain, Balearic Islands	-	-	-	+	-
Spain, Basque country	+	+	+	+	+
Spain, Canary Islands	-	-	-	+	-
Spain, Cantabria	+	+	+	+	-
Spain, Castile and Leon	+	+	-	+	-
Spain, Castile-La Mancha	+	+	-	+	-
Spain, Catalonia	+	+	+	+	+
Spain, Ceuta	-	-	-	+	-
Spain, Extremadura	+	+	-	+	-
Spain, Galicia	-	-	-	+	-
Spain, La Rioja	-	-	-	+	-
Spain, Madrid	-	-	-	+	-
Spain, Melilla	-	-	-	+	-
Spain, Navarre	-	-	-	+	-
Spain, Valencian region	+	+	+	+	+
Sweden	+	+	+	-	+
The Netherlands	+	+	+	-	+
Tunisia	-	-	-	+	-
Turkey	-	-	-	+	-
Ukraine	-	-	-	+	-
United Kingdom, England	+	+	-	-	-
United Kingdom, Northern Ireland	+	-	-	-	-
United Kingdom, Scotland	+	+	+	-	+
United Kingdom, Wales	+	+	-	-	-

* Data based on the regions Alsace, Aquitaine (only in A), Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre (only in B), Champagne-Ardenne, Corse, Haute-Normandie, Île-de-France (only in B), Languedoc-Roussillon, Limousin (only in B), Lorraine (only in B), Midi-Pyrénées, Nord-Pas-de-Calais (only in B), Pays de la Loire (only in A), Picardie, Poitou-Charentes, Provence-Alpes-Cote d'Azur, Rhône-Alpes (only in B), and the overseas department of Reunion

† Incidence and prevalence data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Liguria, Lombardy, Marche, Piedmont, Sardinia, Tuscany, Valle d'Aosta, Veneto, Friuli-Venezia Giulia (only in B), Lazio (only in B), Sicily (only in B)

‡ Survival data based on the region Calabria

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