



ERA-EDTA Registry

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Annual Report 2010

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For contribution to Section B

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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
COD	Cause of death
DM	Diabetes mellitus
ERA-EDTA	European Renal Association - European Dialysis and Transplant Association
ESPN	European Society for Paediatric Nephrology
ESRD	End-stage renal disease
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
Pmarp	Per million age-related population
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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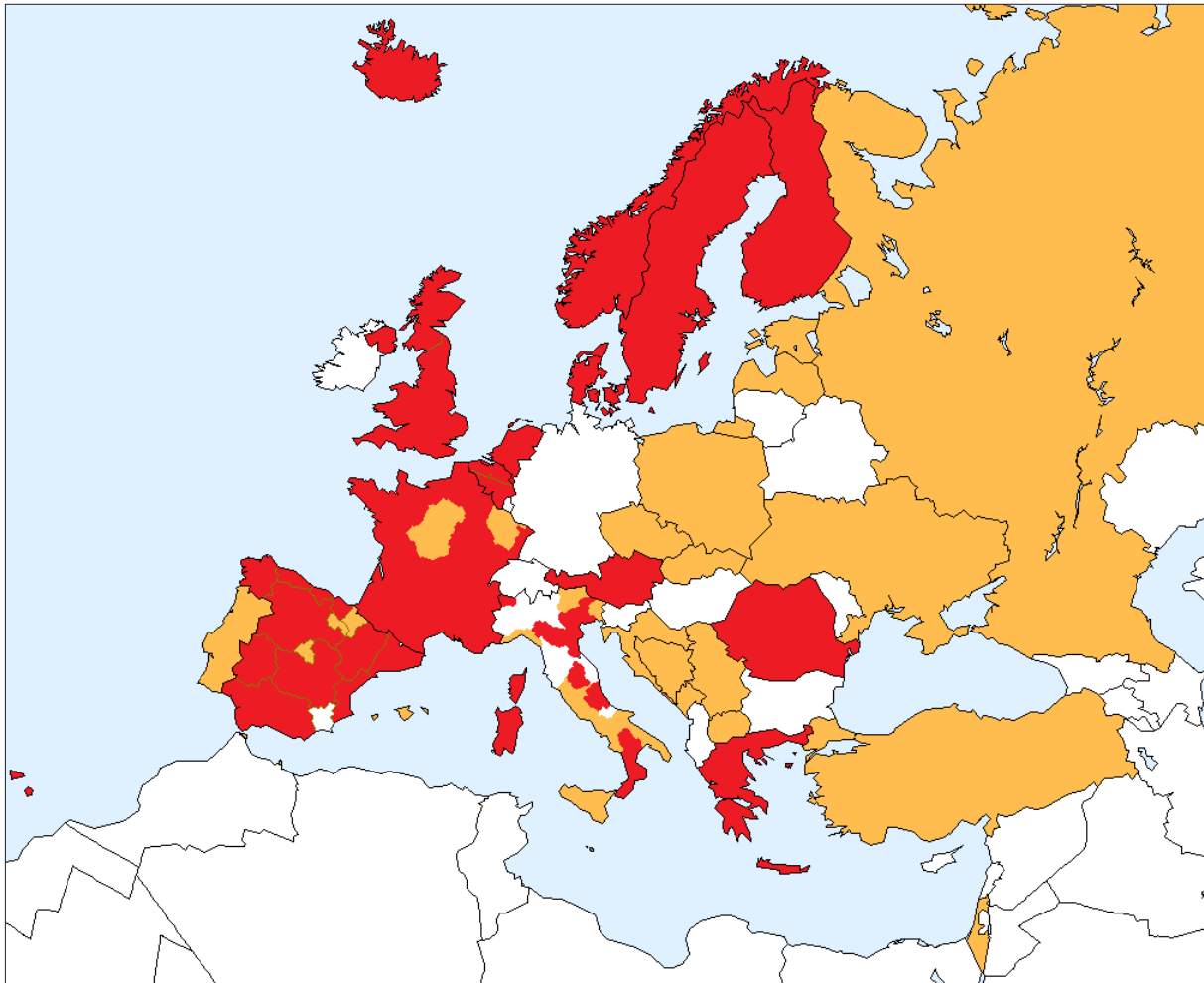
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I Introduction

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- | | | | |
|----|------------------------|----|------------------|
| AT | Austria | ME | Montenegro |
| BA | Bosnia and Herzegovina | MK | FYR of Macedonia |
| BE | Belgium | NL | The Netherlands |
| CZ | Czech Republic | NO | Norway |
| DK | Denmark | PL | Poland |
| EE | Estonia | PT | Portugal |
| ES | Spain | RO | Romania |
| FI | Finland | RS | Serbia |
| FR | France | RU | Russia |
| GR | Greece | SE | Sweden |
| HR | Croatia | SK | Slovakia |
| IL | Israel | TR | Turkey |
| IS | Iceland | UA | Ukraine |
| IT | Italy | UK | United Kingdom |
| LV | Latvia | | |

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 2010 it used 52 data sets from national or regional renal registries in 29 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 27 national and regional registries from 14 countries (shown in red in Figure 1), whereas section B relates to 18 national registries from 18 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.

ERA-EDTA Registry website

PDF files of the ERA-EDTA 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 Registry 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	8390	100
Belgium, Dutch-speaking	6279	100
Belgium, French-speaking	4616	100
Denmark	5604	100
Finland	5363	100
France	64403	72.6
Greece	11308	100
Iceland	318	100
Italy	60483	25.8
Norway	4889	100
Romania	21438	100
Spain, Andalusia	8398	100
Spain, Aragon	1347	100
Spain, Asturias	1084	100
Spain, Basque country	2181	100
Spain, Canary Islands	2123	100
Spain, Cantabria	593	100
Spain, Castile and León	2559	100
Spain, Castile-La Mancha	2107	100
Spain, Catalonia	7512	100
Spain, Extremadura	1108	100
Spain, Galicia	2797	100
Spain, Valencian region	5112	100
Sweden	9378	100
The Netherlands	16615	100
United Kingdom, All countries	62262	100
United Kingdom, England	52234	100
United Kingdom, Northern Ireland	1800	100
United Kingdom, Scotland	5222	100
United Kingdom, Wales	3006	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	79	79
Belgium, Dutch-speaking	27	27
Belgium, French-speaking	34	34
Denmark	16	16
Finland	31	31
France	1225	962
Greece	169	169
Iceland	1	1
Italy	658	390
Norway	24	24
Romania	131	131
Spain, Andalusia	59	59
Spain, Aragon	10	10
Spain, Asturias	9	9
Spain, Basque country	11	11
Spain, Canary Islands	12	12
Spain, Cantabria	2	2
Spain, Castile and León	23	23
Spain, Castile-La Mancha	12	12
Spain, Catalonia	46	46
Spain, Extremadura	12	12
Spain, Galicia	23	23
Spain, Valencian region	49	49
Sweden	65	65
The Netherlands	75	75
United Kingdom, All countries	72	72
United Kingdom, England	51	51
United Kingdom, Northern Ireland	6	6
United Kingdom, Scotland	10	10
United Kingdom, Wales	5	5

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	1162	737	425	11	1	6	1	5	1	111	10	72	10	39	9	355	31	240	33	115	27	358	31	232	31	126	30	327	28	187	25	140	33
Belgium, Dutch-speaking *	1226	755	471							92	8	59	8	33	7	288	23	181	24	107	23	292	24	192	25	100	21	554	45	323	43	231	49
Belgium, French-speaking *	885	547	338							76	9	47	9	29	9	275	31	169	31	106	31	195	22	118	22	77	23	339	38	213	39	126	37
Denmark	673	424	249	9	1	6	1	3	1	83	12	49	12	34	14	233	35	148	35	85	34	170	25	108	25	62	25	178	26	113	27	65	26
Finland	437	300	137	11	3	4	1	7	5	49	11	34	11	15	11	163	37	116	39	47	34	131	30	90	30	41	30	83	19	56	19	27	20
France (20 of 26 regions) §	6991	4332	2659	88	1	55	1	33	1	623	9	374	9	249	9	1859	27	1133	26	726	27	1580	23	1021	24	559	21	2841	41	1749	40	1092	41
Greece	2154	1352	802	20	1	12	1	8	1	154	7	105	8	49	6	532	25	352	26	180	22	555	26	361	27	194	24	893	41	522	39	371	46
Iceland	33	18	15	1	3	1	6	0	0	4	12	2	11	2	13	8	24	3	17	5	33	9	27	4	22	5	33	11	33	8	44	3	20
Italy (8 of 20 regions) †	2153	1413	740	19	1	14	1	5	1	185	9	116	8	69	9	547	25	363	26	184	25	585	27	404	29	181	24	817	38	516	37	301	41
Norway	509	342	167	7	1	6	2	1	1	88	17	61	18	27	16	143	28	103	30	40	24	131	26	88	26	43	26	140	28	84	25	56	34
Romania	2666	1538	1128	34	1	18	1	16	1	426	16	273	18	153	14	1164	44	685	45	479	42	686	26	376	24	310	27	356	13	186	12	170	15
Spain, Andalusia	989	609	380	14	1	7	1	7	2	148	15	95	16	53	14	319	32	207	34	112	29	239	24	152	25	87	23	269	27	148	24	121	32
Spain, Aragon	166	100	66	3	2	1	1	2	3	20	12	14	14	6	9	50	30	27	27	23	35	50	30	29	29	21	32	43	26	29	29	14	21
Spain, Asturias	137	94	43	2	1	1	1	1	2	19	14	12	13	7	16	36	26	25	27	11	26	35	26	25	27	10	23	45	33	31	33	14	33
Spain, Basque country	235	162	73	4	2	2	1	2	3	30	13	21	13	9	12	85	36	60	37	25	34	67	29	45	28	22	30	49	21	34	21	15	21
Spain, Canary Islands	331	226	105	1	0	1	0	0	0	42	13	27	12	15	14	125	38	84	37	41	39	73	22	53	23	20	19	90	27	61	27	29	28
Spain, Cantabria *	76	55	21							6	8	5	9	1	5	26	34	22	40	4	19	26	34	15	27	11	52	18	24	13	24	5	24
Spain, Castile and León *	298	214	84							31	10	22	10	9	11	99	33	75	35	24	29	62	21	43	20	19	23	106	36	74	35	32	38
Spain, Castile-La Mancha *	225	144	81							29	13	18	13	11	14	68	30	45	31	23	28	67	30	47	33	20	25	61	27	34	24	27	33
Spain, Catalonia	955	629	326	9	1	4	1	5	2	101	11	61	10	40	12	290	30	205	33	85	26	231	24	167	27	64	20	324	34	192	31	132	40
Spain, Extremadura	149	98	51	1	1	0	0	1	2	19	13	13	13	6	12	49	33	36	37	13	25	44	30	28	29	16	31	36	24	21	21	15	29
Spain, Galicia	384	255	129	2	1	0	0	2	2	53	14	35	14	18	14	117	30	86	34	31	24	94	24	58	23	36	28	118	31	76	30	42	33
Spain, Valencian region	708	453	255	9	1	7	2	2	1	82	12	50	11	32	13	224	32	150	33	74	29	173	24	115	25	58	23	220	31	131	29	89	35
Sweden	1135	767	368	29	3	12	2	17	5	139	12	93	12	46	13	348	31	240	31	108	29	299	26	206	27	93	25	320	28	216	28	104	28
The Netherlands	1960	1243	717	38	2	26	2	12	2	232	12	137	11	95	13	613	31	386	31	227	32	535	27	343	28	192	27	542	28	351	28	191	27
United Kingdom, All countries *	6610	4146	2464							1073	16	622	15	451	18	2236	34	1393	34	843	34	1608	24	1032	25	576	23	1693	26	1099	27	594	24
United Kingdom, England *	5546	3488	2058							907	16	528	15	379	18	1922	35	1191	34	731	36	1317	24	850	24	467	23	1400	25	919	26	481	23
United Kingdom, Northern Ireland *	175	110	65							22	13	12	11	10	15	53	30	33	30	20	31	45	26	28	25	17	26	55	31	37	34	18	28
United Kingdom, Scotland	519	314	205	7	1	5	2	2	1	92	18	51	16	41	20	161	31	110	35	51	25	134	26	76	24	58	28	125	24	72	23	53	26
United Kingdom, Wales *	377	239	138							52	14	31	13	21	15	100	27	59	25	41	30	112	30	78	33	34	25	113	30	71	30	42	30

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, 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	65.2	15.1	68.3	63.4	64.7	14.7	67.7	36.6	66.1	15.7	69.6
Belgium, Dutch-speaking *	100	69.8	14.5	73.7	61.6	69.3	14.5	72.6	38.4	70.5	14.4	74.7
Belgium, French-speaking *	100	67.5	14.5	70.3	61.8	67.7	14.2	69.9	38.2	67.1	15.1	70.6
Denmark	100	63.2	16.3	65.4	63.0	63.5	16.4	65.6	37.0	62.8	16.2	65.1
Finland	100	61.6	15.9	64.6	68.6	62.0	14.8	64.5	31.4	60.6	18.1	64.7
France (20 of 26 regions) §	100	67.5	16.4	71.6	62.0	67.7	16.3	71.6	38.0	67.3	16.7	71.6
Greece	100	68.5	14.9	72.4	62.8	67.8	15.0	71.2	37.2	69.8	14.7	73.9
Iceland	100	63.0	19.0	70.8	54.5	62.9	22.7	72.0	45.5	63.2	14.0	70.1
Italy (8 of 20 regions) †	100	67.7	15.5	71.0	65.6	67.5	15.2	70.8	34.4	68.0	15.9	71.7
Norway	100	62.5	17.4	65.9	67.2	61.3	17.5	65.2	32.8	64.8	17.1	69.0
Romania	100	59.2	15.1	61.0	57.7	58.2	15.2	60.0	42.3	60.5	14.9	62.3
Spain, Andalusia	100	62.0	16.7	65.7	61.6	61.3	16.5	64.8	38.4	63.2	17.1	67.9
Spain, Aragon	100	63.6	15.7	67.3	60.2	64.2	15.3	67.6	39.8	62.8	16.4	67.3
Spain, Asturias	100	64.5	16.9	70.4	68.6	65.3	16.6	71.2	31.4	62.7	17.7	69.7
Spain, Basque country	100	62.2	15.3	64.9	68.9	62.3	14.9	64.5	31.1	62.1	16.3	65.8
Spain, Canary Islands	100	63.8	14.8	64.5	68.3	64.0	14.7	65.1	31.7	63.4	14.9	63.5
Spain, Cantabria *	100	64.5	13.4	67.6	72.4	63.8	13.9	66.1	27.6	66.4	11.9	68.2
Spain, Castile and León *	100	66.0	15.2	69.7	71.8	65.4	15.2	69.4	28.2	67.4	15.1	71.3
Spain, Castile-La Mancha *	100	64.4	14.8	67.9	64.0	64.2	14.8	67.2	36.0	64.8	14.9	69.4
Spain, Catalonia	100	65.3	16.0	68.2	65.9	65.2	15.5	67.4	34.1	65.6	16.9	70.1
Spain, Extremadura	100	63.9	14.3	66.8	65.8	62.9	14.1	65.0	34.2	65.8	14.7	72.2
Spain, Galicia	100	64.3	15.1	66.9	66.4	64.1	14.5	66.1	33.6	64.6	16.3	69.9
Spain, Valencian region	100	64.3	16.2	67.7	64.0	64.0	16.2	67.2	36.0	64.9	16.2	69.4
Sweden	100	63.0	17.3	66.4	67.6	63.4	16.7	66.7	32.4	62.3	18.4	65.9
The Netherlands	100	63.4	16.5	66.8	63.4	63.7	16.5	67.1	36.6	63.0	16.4	66.2
United Kingdom, All countries *	100	62.4	16.1	65.0	62.7	63.0	15.9	65.5	37.3	61.3	16.2	63.7
United Kingdom, England *	100	62.1	16.1	64.5	62.9	62.8	16.0	65.3	37.1	61.0	16.2	63.2
United Kingdom, Northern Ireland *	100	65.5	15.1	68.3	62.9	66.8	14.5	68.0	37.1	63.4	16.0	68.3
United Kingdom, Scotland	100	61.3	16.9	64.9	60.5	61.0	16.7	63.9	39.5	61.8	17.4	66.8
United Kingdom, Wales *	100	65.3	15.4	68.6	63.4	66.1	14.9	68.9	36.6	63.8	16.2	66.1

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

Table A.2.3
Incident rates per million (age-related) 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	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
Austria	138.5	180.3	98.8	6.3	6.7	5.9	38.2	49.4	27.0	156.5	213.5	100.5	444.3	621.2	291.5	486.4	776.7	324.5
Belgium, Dutch-speaking *	195.2	243.6	148.1				45.5	57.8	33.0	166.0	206.8	124.5	507.0	698.4	332.2	975.0	1446.9	669.6
Belgium, French-speaking *	191.7	244.0	142.4				48.1	59.4	36.9	229.4	286.4	174.2	560.5	747.3	405.3	893.5	1585.0	514.3
Denmark	120.1	152.5	88.2	6.6	8.6	4.5	45.9	53.7	37.9	155.0	196.0	113.5	319.6	420.6	225.3	456.1	736.5	274.5
Finland	81.5	114.0	50.2	9.0	6.4	11.7	29.2	39.6	18.3	105.9	151.3	60.8	265.0	392.0	154.8	192.4	363.8	97.3
France (20 of 26 regions) §	149.5	190.5	110.7	7.8	9.5	6.0	41.8	49.8	33.6	149.4	186.2	114.3	412.7	571.3	273.8	660.8	1102.4	402.6
Greece	190.5	241.5	140.5	9.1	10.6	7.5	38.5	50.8	25.3	180.2	242.7	119.9	501.4	722.4	319.4	848.4	1152.3	618.8
Iceland	103.8	112.5	94.9	11.1	21.7	0	35.6	35.0	36.3	103.8	76.9	131.3	448.1	408.1	486.2	593.4	1008.8	282.9
Italy (8 of 20 regions) †	138.1	186.0	92.6	6.7	9.6	3.6	34.9	43.3	26.4	129.0	173.5	85.7	367.4	540.9	214.2	503.1	834.6	299.3
Norway	104.1	139.9	68.3	5.6	9.4	1.7	52.8	71.7	33.1	114.7	162.2	65.3	344.6	478.7	219.0	397.4	615.4	259.5
Romania	124.4	147.4	102.5	7.6	7.8	7.3	50.2	63.1	36.7	220.6	271.5	174.1	378.7	489.7	297.1	257.0	355.3	197.3
Spain, Andalusia	117.8	146.5	89.6	7.6	7.4	7.8	45.5	57.2	33.2	157.3	206.2	109.4	365.3	500.6	248.1	439.6	620.4	324.1
Spain, Aragon	123.3	148.8	97.9	12.3	8.0	16.9	40.8	54.5	25.7	144.9	154.7	134.9	426.4	524.3	339.0	286.3	480.9	155.8
Spain, Asturias	126.3	180.6	76.2	13.0	12.7	13.3	50.6	63.0	37.8	113.9	162.7	67.8	335.8	526.6	176.2	333.9	619.5	165.3
Spain, Basque country	107.7	152.0	65.4	10.6	10.3	10.9	38.8	53.0	23.8	139.7	200.7	80.8	331.5	480.3	202.9	222.6	410.3	109.3
Spain, Canary Islands	155.9	213.2	98.8	2.4	4.6	0	48.0	60.9	34.8	233.0	311.4	153.7	454.7	687.0	239.8	702.0	1168.8	381.5
Spain, Cantabria *	128.2	189.7	69.4				27.6	45.3	9.4	159.9	272.6	48.9	529.3	657.2	418.3	294.0	565.1	130.8
Spain, Castile and León *	116.5	168.7	65.1				35.4	48.8	21.3	144.1	213.2	71.6	248.9	363.4	145.3	319.3	556.9	160.7
Spain, Castile-La Mancha *	106.8	135.5	77.6				35.9	42.5	28.6	138.8	179.1	96.4	406.8	609.4	228.4	296.2	396.9	224.4
Spain, Catalonia	127.1	168.9	86.1	6.0	5.2	6.9	34.4	40.1	28.3	157.1	224.8	91.0	386.3	599.6	200.4	505.3	786.6	332.4
Spain, Extremadura	134.4	178.1	91.4	4.5	0	9.2	48.0	64.2	31.1	176.9	253.3	96.4	450.9	615.3	307.2	313.6	462.7	216.1
Spain, Galicia	137.3	188.9	89.2	4.5	0	9.4	53.6	70.3	36.7	157.5	235.6	82.0	325.7	435.7	231.5	351.2	595.3	201.6
Spain, Valencian region	138.5	178.1	99.3	8.9	13.5	4.1	41.6	49.0	33.6	176.0	238.7	114.8	386.7	543.1	246.1	538.6	808.0	361.3
Sweden	121.0	164.3	78.2	13.3	10.7	16.0	45.3	59.4	30.6	144.4	197.7	90.3	326.8	460.1	199.1	400.4	677.2	216.6
The Netherlands	118.0	151.2	85.4	9.7	13.0	6.3	42.4	49.8	34.9	131.7	165.0	98.1	379.1	501.4	264.0	469.1	796.7	267.2
United Kingdom, All countries *	106.2	135.3	77.9				50.4	58.0	42.7	140.7	178.3	104.4	297.8	401.2	203.7	345.2	560.5	201.8
United Kingdom, England *	106.2	135.4	77.7				50.5	58.2	42.6	145.2	182.6	108.8	293.5	396.7	199.2	339.9	555.1	195.2
United Kingdom, Northern Ireland *	97.2	124.4	71.0				35.1	38.4	31.9	122.6	155.1	91.1	314.2	415.4	224.3	468.9	822.2	249.0
United Kingdom, Scotland	99.4	124.1	76.2	6.0	8.3	3.5	52.6	58.9	46.5	113.4	159.9	69.7	282.8	345.3	228.5	308.1	464.2	211.5
United Kingdom, Wales *	125.4	162.5	89.9				55.3	66.2	44.5	125.3	151.1	100.6	379.0	548.9	221.6	430.1	674.3	266.8

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, 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	138.5	100	14.7	10.6	4.9	3.5	5.1	3.7	4.1	2.9	37.7	27.2	41.7	30.1	11.7	8.4	16.7	12.1	25.3	18.2	18.5	13.3	0	0
Belgium, Dutch-speaking *	195.2	100	16.1	8.2	10.5	5.4	9.6	4.9	5.4	2.8	35.5	18.2	40.9	21.0	20.7	10.6	11.6	6.0	69.6	35.6	16.2	8.3	0	0
Belgium, French-speaking *	191.7	100	19.5	10.2	9.7	5.1	9.1	4.7	3.9	2.0	35.7	18.6	39.6	20.7	39.0	20.3	11.0	5.8	50.3	26.2	13.4	7.0	0	0
Denmark	120.1	100	14.3	11.9	2.9	2.4	7.9	6.5	10.9	9.1	16.8	14.0	27.7	23.0	15.9	13.2	0.4	0.3	20.7	17.2	30.5	25.4	0	0
Finland	81.5	100	8.9	11.0	3.7	4.6	7.6	9.4	9.9	12.1	18.3	22.4	28.2	34.6	3.5	4.3	1.1	1.4	14.0	17.2	14.4	17.6	0	0
France (20 of 26 regions) §	149.5	100	16.9	11.3	6.8	4.5	9.7	6.5			31.2	20.9	35.0	23.4	2.8	1.9	24.4	16.3	22.5	15.0	0.2	0.2		
Greece	190.5	100	14.1	7.4	10.4	5.5	6.9	3.6	2.8	1.5	52.8	27.7	55.6	29.2	20.3	10.6	5.4	2.8	17.7	9.3	60.0	31.5	0	0
Iceland	103.8	100	18.9	18.2	0	0	9.4	9.1	3.1	3.0	12.6	12.1	15.7	15.2	25.2	24.2	6.3	6.1	12.6	12.1	15.7	15.2	0	0
Italy (8 of 20 regions) †	138.1	100	14.4	10.5	7.2	5.2	7.3	5.3			26.2	19.0	25.9	18.8	6.9	5.0	18.4	13.3	31.4	22.8	0.3	0.2		
Norway	104.1	100	16.4	15.7	3.7	3.5	6.3	6.1	7.2	6.9	10.6	10.2	17.8	17.1	38.0	36.5	0.4	0.4	18.4	17.7	3.1	2.9	0	0
Romania	124.4	100	18.1	14.6	10.5	8.5	4.1	3.3			17.7	14.2	7.1	5.7	0.9	0.8	17.5	14.1	48.3	38.9	0	0		
Spain, Andalusia	117.8	100	14.2	12.0	9.2	7.8	7.7	6.6			26.8	22.8	13.5	11.4	6.4	5.5	14.5	12.3	25.5	21.6	0	0		
Spain, Aragon	123.3	100	14.9	12.0	6.7	5.4	9.7	7.8	3.7	3.0	26.7	21.7	30.4	24.7	8.2	6.6	11.1	9.0	15.6	12.7	26.7	21.7	0	0
Spain, Asturias	126.3	100	6.5	5.1	3.7	2.9	9.2	7.3	9.2	7.3	18.4	14.6	27.7	21.9	17.5	13.9	3.7	2.9	13.8	10.9	44.3	35.0	0	0
Spain, Basque country	107.7	100	19.3	17.9	8.7	8.1	7.3	6.8	6.9	6.4	11.0	10.2	17.9	16.6	13.3	12.3	5.5	5.1	15.1	14.0	20.6	19.1	0	0
Spain, Canary Islands	155.9	100									72.6	46.5									83.4	53.5	0	0
Spain, Cantabria *	128.2	100	32.1	25.0	1.7	1.3	6.7	5.3	3.4	2.6	23.6	18.4	27.0	21.1	18.6	14.5	23.6	18.4	15.2	11.8	3.4	2.6	0	0
Spain, Castile and León *	116.5	100	14.1	12.1	7.0	6.0	9.0	7.7	6.3	5.4	26.2	22.5	32.4	27.9	19.1	16.4	3.1	2.7	13.7	11.7	18.0	15.4	0	0
Spain, Castile-La Mancha *	106.8	100	14.2	13.3	10.0	9.3	11.4	10.7			27.5	25.8	6.6	6.2	2.4	2.2	7.6	7.1	27.1	25.3	0	0		
Spain, Catalonia	127.1	100	13.0	10.3	8.9	7.0	7.6	6.0	3.3	2.6	25.3	19.9	28.9	22.7	14.5	11.4	4.7	3.7	14.0	11.0	35.5	28.0	0	0
Spain, Extremadura	134.4	100	12.6	9.4	10.8	8.1	7.2	5.3			44.2	32.9	7.2	5.4	4.5	3.4	9.9	7.3	37.9	28.2	0	0		
Spain, Galicia	137.3	100	15.0	10.9	5.7	4.2	8.9	6.5	7.2	5.2	28.2	20.6	35.4	25.8	14.7	10.7	2.5	1.8	16.8	12.2	38.3	27.9	0	0
Spain, Valencian region	138.5	100	15.8	11.4	9.0	6.5	5.1	3.7			25.2	18.2	24.6	17.8	9.4	6.8	18.2	13.1	31.1	22.5	0	0		
Sweden	121.0	100	15.9	13.1	2.8	2.3	8.5	7.0	10.7	8.8	18.1	15.0	28.8	23.8	15.9	13.1	6.4	5.3	19.6	16.2	23.1	19.1	0	0
The Netherlands	118.0	100	9.0	7.7	3.9	3.3	5.2	4.4	3.4	2.9	13.3	11.3	16.7	14.1	12.8	10.9	14.4	12.2	19.6	16.6	13.4	11.3	23.0	19.5
United Kingdom, All countries *	106.2	100	12.8	12.1	6.7	6.3	6.2	5.8			22.4	21.1	6.2	5.9	4.9	4.6	17.3	16.3	19.7	18.5	10.0	9.4		
United Kingdom, England *	106.2	100	12.3	11.6	6.6	6.2	5.9	5.6			21.7	20.5	6.1	5.8	4.4	4.1	17.6	16.6	19.8	18.7	11.7	11.0		
United Kingdom, Northern Ireland *	97.2	100	12.2	12.6	6.1	6.3	6.1	6.3			25.6	26.3	6.7	6.9	3.9	4.0	20.0	20.6	15.0	15.4	1.7	1.7		
United Kingdom, Scotland	99.4	100	14.2	14.3	6.5	6.6	8.4	8.5			23.2	23.3	6.7	6.7	7.1	7.1	16.1	16.2	16.9	17.0	0.4	0.4		
United Kingdom, Wales *	125.4	100	20.0	15.9	8.0	6.4	8.0	6.4			31.3	24.9	7.0	5.6	10.0	8.0	14.6	11.7	24.9	19.9	1.7	1.3		

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 or a limited number of cases (<10%) with diabetes mellitus type unknown

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, 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
					Type I	Type II	Both					
					Pmp	Pmp	Pmp					
Austria	133.6	14.2	4.8	4.8	4.1	36.4	40.5	11.3	16.0	24.4	17.5	0
Belgium, Dutch-speaking *	173.8	14.9	9.3	8.8	5.2	31.7	36.9	17.7	9.8	61.7	14.6	0
Belgium, French-speaking *	194.2	20.4	9.8	9.3	4.0	37.1	41.1	38.4	11.1	50.6	13.5	0
Denmark	119.0	14.3	2.7	7.7	10.8	16.2	27.0	16.2	0.3	20.7	30.2	0
Finland	77.0	8.6	3.5	7.0	10.1	16.4	26.5	3.5	1.1	13.1	13.6	0
France (20 of 26 regions) §	140.1	16.7	6.5	9.5			29.9	30.9	2.5	23.5	20.4	0.2
Greece	166.8	13.2	9.3	6.3	2.7	45.5	48.3	17.5	4.7	16.0	51.5	0
Iceland	130.1	21.3	0	11.8	3.6	17.2	20.8	30.3	9.8	12.8	23.3	0
Italy (8 of 20 regions) †	115.9	13.0	6.1	6.5			22.1	20.7	5.3	15.9	26.1	0.2
Norway	109.5	16.7	3.8	6.5	7.5	11.2	18.6	40.6	0.4	19.7	3.2	0
Romania	127.6	18.3	11.0	4.2			18.0	7.4	1.0	17.9	49.9	0
Spain, Andalusia	124.3	14.7	9.5	7.9			28.9	14.4	7.1	15.3	26.7	0
Spain, Aragon	114.1	13.8	6.5	9.4	3.5	25.4	28.8	6.1	9.7	14.7	25.1	0
Spain, Asturias	104.5	5.6	2.8	7.9	7.7	15.4	23.1	13.1	2.6	12.3	37.2	0
Spain, Basque country	97.1	17.7	8.0	6.8	6.3	10.0	16.3	11.3	4.8	14.2	17.9	0
Spain, Canary Islands	168.5						78.5				90.0	0
Spain, Cantabria *	122.4	29.1	1.6	6.3	3.4	23.5	27.0	17.9	22.7	14.1	3.6	0
Spain, Castile and León *	94.0	12.8	5.9	8.0	5.5	20.9	26.4	13.3	1.9	12.0	13.7	0
Spain, Castile-La Mancha *	107.2	14.5	10.0	12.1			28.0	6.3	1.9	8.0	26.4	0
Spain, Catalonia	126.3	12.9	8.7	7.7	3.3	25.5	29.0	14.0	4.7	14.2	35.1	0
Spain, Extremadura	127.7	12.4	10.3	7.1			42.1	6.4	3.8	9.8	35.7	0
Spain, Galicia	115.2	13.2	4.7	7.9	6.7	23.4	30.1	11.3	2.1	15.4	30.7	0
Spain, Valencian region	135.7	15.7	9.2	5.0			25.0	23.6	9.2	17.9	30.3	0
Sweden	114.4	15.2	2.8	8.3	10.6	16.8	27.3	14.4	6.0	18.7	21.7	0
The Netherlands	119.3	9.1	4.0	5.1	3.4	13.5	16.9	13.2	14.9	19.5	13.8	22.8
United Kingdom, All countries *	106.5	13.0	6.7	6.3			22.7	6.2	4.8	17.3	19.5	10.0
United Kingdom, England *	106.8	12.4	6.7	6.0			22.1	6.2	4.4	17.6	19.7	11.8
United Kingdom, Northern Ireland *	107.2	13.5	6.8	6.4			27.7	7.6	4.7	22.5	16.1	1.8
United Kingdom, Scotland	98.7	14.2	6.7	8.3			23.0	6.6	6.9	15.9	16.6	0.4
United Kingdom, Wales *	117.5	19.5	7.7	8.0			29.1	6.4	8.6	13.1	23.5	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 or a limited number of cases (<10%) with diabetes mellitus type unknown

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, 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	%								
Austria	1034	658	376	10	1	6	1	4	1	106	10	66	10	40	11	318	31	214	33	104	28	323	31	210	32	113	30	277	27	162	25	115	31
Belgium, Dutch-speaking *	1097	686	411							86	8	57	8	29	7	260	24	165	24	95	23	260	24	174	25	86	21	491	45	290	42	201	49
Belgium, French-speaking *	819	504	315							74	9	46	9	28	9	256	31	157	31	99	31	175	21	109	22	66	21	314	38	192	38	122	39
Denmark	622	390	232	9	1	6	2	3	1	79	13	47	12	32	14	215	35	137	35	78	34	152	24	97	25	55	24	167	27	103	26	64	28
Finland	426	296	130	11	3	4	1	7	5	49	12	34	11	15	12	159	37	114	39	45	35	128	30	90	30	38	29	79	19	54	18	25	19
France (20 of 26 regions) §	6487	4004	2483	84	1	53	1	31	1	606	9	364	9	242	10	1757	27	1065	27	692	28	1453	22	933	23	520	21	2587	40	1589	40	998	40
Greece	1923	1229	694	18	1	11	1	7	1	147	8	100	8	47	7	491	26	324	26	167	24	516	27	340	28	176	25	751	39	454	37	297	43
Iceland	32	18	14	1	3	1	6	0	0	4	13	2	11	2	14	8	25	3	17	5	36	9	28	4	22	5	36	10	31	8	44	2	14
Italy (8 of 20 regions) ‡ †	1982	1305	677	15	1	13	1	2	0	182	9	114	9	68	10	523	26	343	26	180	27	540	27	374	29	165	24	722	36	461	35	262	39
Norway	482	329	153	7	1	6	2	1	1	84	17	59	18	25	16	141	29	101	31	40	26	123	26	83	25	40	26	127	26	80	24	47	31
Romania	2206	1276	930	27	1	14	1	13	1	384	17	250	20	134	14	989	45	575	45	414	45	532	24	292	23	240	26	274	12	145	11	129	14
Spain, Andalusia	951	580	371	14	1	7	1	7	2	146	15	93	16	53	14	309	32	198	34	111	30	228	24	147	25	81	22	254	27	135	23	119	32
Spain, Aragon	158	93	65	3	2	1	1	2	3	19	12	13	14	6	9	48	30	26	28	22	34	49	31	28	30	21	32	39	25	25	27	14	22
Spain, Asturias ‡	121	85	36	2	2	1	1	1	3	16	13	10	12	6	16	34	28	24	29	9	26	31	25	23	27	8	22	39	32	27	31	12	33
Spain, Basque country	220	149	71	3	1	1	1	2	3	27	12	20	13	7	10	83	38	57	38	26	37	60	27	39	26	21	30	47	21	32	21	15	21
Spain, Canary Islands ‡	308	214	94	1	0	1	0	0	0	39	13	24	11	15	16	119	39	82	38	37	39	69	22	50	24	19	20	80	26	57	26	24	25
Spain, Cantabria *	71	51	20							6	8	5	10	1	5	24	34	20	39	4	20	23	32	13	25	10	50	18	25	13	25	5	25
Spain, Castile and León *	292	211	81							30	10	22	10	8	10	97	33	74	35	23	28	59	20	43	20	16	20	106	36	72	34	34	42
Spain, Castile-La Mancha *	225	143	82							30	13	19	13	11	13	66	29	43	30	23	28	66	29	46	32	20	24	63	28	35	24	28	34
Spain, Catalonia ‡	911	602	309	9	1	4	1	5	2	99	11	59	10	40	13	276	30	197	33	79	26	219	24	157	26	62	20	308	34	186	31	123	40
Spain, Extremadura ‡	140	90	50	1	1	0	0	1	2	17	12	12	13	5	10	48	34	34	37	14	28	41	29	26	29	15	30	33	24	18	20	15	30
Spain, Galicia ‡	372	248	125	3	1	1	0	2	2	49	13	32	13	17	14	118	32	86	35	32	26	86	23	54	22	32	26	116	31	75	30	42	33
Spain, Valencian region	699	446	253	9	1	7	2	2	1	81	12	49	11	32	13	222	32	150	34	72	28	168	24	110	25	58	23	219	31	130	29	89	35
Sweden	1034	690	344	26	3	12	2	14	4	137	13	91	13	46	13	316	31	214	31	102	30	266	26	179	26	87	25	289	28	194	28	95	28
The Netherlands	1794	1126	668	36	2	25	2	11	2	214	12	125	11	89	13	572	32	358	32	214	32	480	27	303	27	177	26	492	27	315	28	177	26
United Kingdom, All countries * ‡	6203	3903	2300							1039	17	601	15	437	19	2142	35	1349	35	793	34	1488	24	952	24	537	23	1534	25	1001	26	533	23
United Kingdom, England * ‡	5206	3279	1927							874	17	506	15	368	19	1839	35	1154	35	686	36	1229	24	783	24	445	23	1264	24	836	25	428	22
United Kingdom, Northern Ireland * ‡	166	106	60							24	14	14	13	10	17	55	33	35	33	20	34	38	23	24	23	13	22	49	30	33	31	16	27
United Kingdom, Scotland	485	293	192	7	1	5	2	2	1	89	18	50	17	39	20	152	31	103	35	49	26	121	25	69	24	52	27	116	24	66	23	50	26
United Kingdom, Wales * ‡	352	230	122							52	15	31	13	21	17	95	27	58	25	37	30	100	29	74	32	26	22	104	30	67	29	38	31

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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

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	64.7	15.3	68.0	63.6	64.4	14.9	67.6	36.4	65.3	15.9	68.6
Belgium, Dutch-speaking *	100	69.6	14.6	73.5	62.5	69.1	14.6	72.6	37.5	70.4	14.5	74.8
Belgium, French-speaking *	100	67.2	14.6	69.7	61.5	67.3	14.3	69.1	38.5	67.1	15.3	70.7
Denmark	100	63.0	16.5	65.4	62.7	63.3	16.6	65.6	37.3	62.7	16.3	65.3
Finland	100	61.6	15.9	64.7	69.5	62.2	14.8	64.7	30.5	60.3	18.2	64.8
France (20 of 26 regions) §	100	67.2	16.6	71.2	61.7	67.3	16.4	71.3	38.3	67.0	16.8	70.9
Greece	100	67.9	15.0	71.6	63.9	67.4	15.0	70.7	36.1	68.8	14.9	73.0
Iceland	100	62.9	19.1	71.1	56.3	63.2	22.7	72.3	43.8	62.6	14.1	66.1
Italy (8 of 20 regions) ‡ †	100	67.3	15.8	70.6	65.8	66.9	15.8	70.5	34.2	68.0	15.8	70.6
Norway	100	62.1	17.5	65.7	68.3	61.1	17.6	64.6	31.7	64.1	17.1	67.5
Romania	100	58.5	15.1	60.5	57.8	57.5	15.2	59.2	42.2	59.9	14.9	61.8
Spain, Andalusia	100	61.9	16.8	65.6	61.0	61.1	16.5	64.3	39.0	63.1	17.3	67.5
Spain, Aragon	100	63.3	15.8	66.9	58.9	63.6	15.4	66.7	41.1	62.8	16.5	67.4
Spain, Asturias ‡	100	62.5	18.2	66.8	70.0	63.3	17.7	66.9	30.0	60.5	19.6	65.6
Spain, Basque country	100	62.2	14.9	64.3	67.7	62.3	14.2	64.3	32.3	62.0	16.4	65.2
Spain, Canary Islands ‡	100	63.3	14.7	63.9	69.4	64.1	14.6	65.0	30.6	61.8	14.8	62.4
Spain, Cantabria *	100	64.8	13.7	68.4	71.8	64.0	14.3	66.4	28.2	66.7	12.2	69.9
Spain, Castile and León *	100	66.2	15.2	69.9	72.3	65.5	15.2	69.5	27.7	68.0	15.1	72.8
Spain, Castile-La Mancha *	100	64.5	15.0	68.1	63.6	64.1	15.2	67.2	36.4	65.2	14.8	69.9
Spain, Catalonia ‡	100	65.4	16.3	68.7	66.1	65.3	15.6	67.7	33.9	65.7	17.8	71.3
Spain, Extremadura ‡	100	63.8	14.1	66.6	64.4	62.8	13.3	64.9	35.6	65.8	15.7	71.1
Spain, Galicia ‡	100	64.0	15.2	67.0	66.4	63.4	14.7	65.8	33.6	65.0	16.0	70.1
Spain, Valencian region	100	64.3	16.3	67.8	63.8	63.9	16.2	67.1	36.2	65.2	16.3	69.6
Sweden	100	62.6	17.4	66.2	66.7	63.0	17.1	66.5	33.3	61.9	18.1	65.6
The Netherlands	100	63.3	16.6	66.5	62.8	63.5	16.7	67.0	37.2	62.8	16.5	66.2
United Kingdom, All countries * ‡	100	61.9	16.1	64.2	62.9	62.4	16.0	64.8	37.1	61.1	16.3	63.3
United Kingdom, England * ‡	100	61.8	16.1	63.8	63.0	62.3	16.1	64.4	37.0	61.0	16.1	63.0
United Kingdom, Northern Ireland * ‡	100	63.1	16.0	65.5	64.0	64.6	15.4	66.4	36.0	60.4	16.8	63.5
United Kingdom, Scotland	100	61.0	17.0	64.5	60.4	60.7	16.7	63.6	39.6	61.5	17.6	65.8
United Kingdom, Wales * ‡	100	64.7	15.6	68.7	65.3	66.1	14.4	69.2	34.7	61.8	17.6	64.8

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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

Table A.3.3
Incident rates per million (age-related) 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	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
Austria	123.2	161.0	87.4	5.8	6.7	4.7	36.5	45.3	27.6	140.2	190.4	90.9	400.9	562.3	261.4	412.1	672.9	266.5
Belgium, Dutch-speaking *	174.7	221.3	129.2				42.6	55.9	29.0	149.9	188.5	110.5	451.4	632.9	285.7	864.1	1299.1	582.6
Belgium, French-speaking *	177.4	224.8	132.7				46.9	58.1	35.6	213.6	266.1	162.7	503.0	690.3	347.4	827.6	1428.7	498.0
Denmark	111.0	140.3	82.1	6.6	8.6	4.5	43.7	51.5	35.7	143.0	181.4	104.2	285.7	377.7	199.9	427.9	671.3	270.3
Finland	79.4	112.5	47.6	9.0	6.4	11.7	29.2	39.6	18.3	103.3	148.7	58.2	258.9	392.0	143.5	183.2	350.8	90.1
France (20 of 26 regions) §	138.7	176.0	103.4	7.5	9.2	5.6	40.6	48.5	32.6	141.2	175.0	108.9	379.5	522.1	254.7	601.7	1001.5	367.9
Greece	170.1	219.5	121.6	8.2	9.7	6.6	36.7	48.4	24.3	166.3	223.4	111.2	466.1	680.4	289.8	713.5	1002.2	495.3
Iceland	100.6	112.5	88.6	11.1	21.7	0	35.6	35.0	36.3	103.8	76.9	131.3	448.1	408.1	486.2	539.5	1008.8	188.6
Italy (8 of 20 regions) ‡ †	127.2	171.7	84.8	5.4	8.9	1.7	34.4	42.5	26.0	123.4	164.0	83.8	339.0	501.1	195.6	444.8	745.1	260.2
Norway	98.6	134.6	62.6	5.6	9.4	1.7	50.4	69.3	30.6	113.1	159.1	65.3	323.5	451.5	203.7	360.5	586.1	217.8
Romania	102.9	122.3	84.5	6.0	6.1	6.0	45.2	57.8	32.2	187.5	227.9	150.4	293.7	380.3	230.0	197.8	277.0	149.7
Spain, Andalusia	113.2	139.5	87.5	7.6	7.4	7.8	44.9	56.0	33.2	152.4	197.2	108.4	348.5	484.2	231.0	415.1	565.9	318.7
Spain, Aragon	117.3	138.3	96.4	12.3	8.0	16.9	38.7	50.6	25.7	139.1	149.0	129.0	417.9	506.2	339.0	259.7	414.6	155.8
Spain, Asturias ‡	111.6	162.7	64.4	13.0	12.7	13.3	41.7	52.5	30.6	107.6	158.4	59.6	294.2	477.5	141.0	286.9	532.9	141.7
Spain, Basque country	100.8	139.8	63.6	7.9	5.1	10.9	34.9	50.5	18.5	136.4	190.7	84.0	296.9	416.2	193.7	213.5	386.2	109.3
Spain, Canary Islands ‡	145.3	201.9	88.8	2.4	4.6	0	44.2	53.4	34.8	222.4	305.2	138.7	429.8	652.4	223.8	626.6	1085.8	311.3
Spain, Cantabria *	119.8	175.9	66.1				27.6	45.3	9.4	147.6	247.8	48.9	468.3	569.6	380.3	294.0	565.1	130.8
Spain, Castile and León *	114.1	166.4	62.8				34.3	48.8	18.9	141.2	210.4	68.6	236.9	363.4	122.4	319.3	541.8	170.8
Spain, Castile-La Mancha *	106.8	134.5	78.5				37.1	44.9	28.6	134.7	171.1	96.4	400.7	596.4	228.4	305.9	408.6	232.8
Spain, Catalonia ‡	121.3	161.7	81.5	6.0	5.2	6.9	33.7	38.8	28.3	149.3	215.6	84.6	366.3	563.7	194.1	480.8	760.6	308.9
Spain, Extremadura ‡	126.0	163.5	89.0	4.5	0	9.2	43.0	59.2	25.9	172.1	236.9	103.8	420.2	571.4	288.0	287.5	403.9	211.3
Spain, Galicia ‡	133.0	183.0	86.4	7.6	4.4	9.4	49.2	63.6	34.6	158.4	234.7	84.7	298.0	403.2	207.9	346.2	584.9	200.0
Spain, Valencian region	136.7	175.4	98.5	8.9	13.5	4.1	41.1	48.0	33.6	174.4	238.7	111.7	375.5	519.5	246.1	536.1	801.8	361.3
Sweden	110.3	147.8	73.1	11.9	10.7	13.2	44.6	58.1	30.6	131.1	176.3	85.3	290.8	399.8	186.3	361.6	608.2	197.8
The Netherlands	108.0	136.9	79.6	9.2	12.5	5.7	39.1	45.4	32.7	122.9	153.0	92.5	340.1	442.9	243.4	425.8	715.0	247.6
United Kingdom, All countries * ‡	99.6	127.4	72.7				48.8	56.1	41.4	134.8	172.7	98.2	275.6	370.0	189.8	312.8	510.5	181.2
United Kingdom, England * ‡	99.7	127.3	72.8				48.6	55.7	41.4	138.9	176.9	102.1	273.8	365.6	190.0	306.9	505.0	173.9
United Kingdom, Northern Ireland * ‡	92.1	119.9	65.2				37.8	43.7	31.9	128.0	166.1	91.1	263.0	361.0	175.9	417.7	725.9	225.9
United Kingdom, Scotland	92.9	115.8	71.3	6.0	8.3	3.5	50.9	57.7	44.2	107.1	149.7	67.0	255.3	313.5	204.9	285.9	425.5	199.5
United Kingdom, Wales * ‡	117.0	156.1	79.5				55.3	66.2	44.5	119.0	148.6	90.8	339.5	520.8	171.7	397.2	633.1	239.3

* Patients younger than 20 years of age are not reported

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

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	123.2	100	13.9	11.3	4.6	3.8	4.9	4.0	3.9	3.2	34.6	28.0	38.5	31.2	10.5	8.5	14.7	11.9	21.1	17.1	15.0	12.2	0	0
Belgium, Dutch-speaking *	174.7	100	14.5	8.3	9.2	5.3	9.2	5.3	5.3	3.0	33.4	19.1	38.7	22.2	18.2	10.4	10.2	5.8	60.0	34.4	14.7	8.4	0	0
Belgium, French-speaking *	177.4	100	18.4	10.4	9.3	5.3	8.7	4.9	3.9	2.2	34.0	19.2	37.9	21.4	35.5	20.0	10.0	5.6	45.1	25.4	12.6	7.1	0	0
Denmark	111.0	100	13.9	12.5	2.9	2.6	7.9	7.1	10.5	9.5	15.5	14.0	26.1	23.5	15.0	13.5	0.4	0.3	17.1	15.4	27.8	25.1	0	0
Finland	79.4	100	8.8	11.0	3.7	4.7	7.5	9.4	9.9	12.4	17.7	22.3	27.6	34.7	3.5	4.5	1.1	1.4	13.4	16.9	13.8	17.4	0	0
France (20 of 26 regions) §	138.7	100	16.2	11.7	6.5	4.7	9.5	6.8					28.7	20.7	32.4	23.4	2.5	1.8	22.4	16.2	20.2	14.6	0.2	0.2
Greece	170.1	100	14.0	8.2	9.0	5.3	6.7	4.0	2.7	1.6	48.6	28.6	51.4	30.2	18.1	10.7	5.0	2.9	14.7	8.6	51.2	30.1	0	0
Iceland	100.6	100	18.9	18.8	0	0	9.4	9.4	3.1	3.1	9.4	9.4	12.6	12.5	25.2	25.0	6.3	6.3	12.6	12.5	15.7	15.6	0	0
Italy (8 of 20 regions) ‡ †	127.2	100	13.8	10.9	6.6	5.2	7.1	5.6					24.5	19.3	24.5	19.3	6.6	5.2	16.1	12.7	27.6	21.7	0.3	0.2
Norway	98.6	100	16.4	16.6	3.7	3.7	6.3	6.4	6.7	6.8	9.8	10.0	16.6	16.8	34.6	35.1	0.4	0.4	17.6	17.8	3.1	3.1	0	0
Romania	102.9	100	16.6	16.1	9.1	8.9	3.9	3.8					15.4	15.0	6.3	6.1	0.8	0.8	12.5	12.1	38.2	37.2	0	0
Spain, Andalusia	113.2	100	13.8	12.2	8.5	7.5	7.7	6.8					26.3	23.2	12.7	11.3	6.0	5.3	13.2	11.7	25.0	22.1	0	0
Spain, Aragon	117.3	100	14.1	12.0	6.7	5.7	9.7	8.2	3.7	3.2	25.2	21.5	29.0	24.7	8.2	7.0	10.4	8.9	15.6	13.3	23.8	20.3	0	0
Spain, Asturias ‡	111.6	100	5.2	4.7	2.5	2.2	8.0	7.2	8.0	7.2	16.0	14.3	24.0	21.5	16.3	14.6	3.7	3.3	13.8	12.4	38.1	34.2	0	0
Spain, Basque country	100.8	100	18.8	18.6	8.3	8.2	7.3	7.3	6.9	6.8	11.0	10.9	17.9	17.7	12.4	12.3	5.5	5.5	12.4	12.3	18.3	18.2	0	0
Spain, Canary Islands ‡	145.3	100											66.9	46.1							78.4	53.9	0	0
Spain, Cantabria *	119.8	100	30.4	25.4	1.7	1.4	6.7	5.6	3.4	2.8	21.9	18.3	25.3	21.1	18.6	15.5	21.9	18.3	13.5	11.3	1.7	1.4	0	0
Spain, Castile and León *	114.1	100	14.1	12.3	7.0	6.2	9.0	7.9	5.9	5.1	26.2	22.9	32.0	28.1	19.1	16.8	3.1	2.7	12.9	11.3	16.8	14.7	0	0
Spain, Castile-La Mancha *	106.8	100	13.8	12.9	10.0	9.3	11.4	10.7					26.6	24.9	7.6	7.1	2.4	2.2	8.1	7.6	27.1	25.3	0	0
Spain, Catalonia ‡	121.3	100	12.7	10.5	8.6	7.1	7.6	6.3	3.2	2.6	24.4	20.1	27.8	22.9	14.5	12.0	4.5	3.7	13.3	10.9	32.3	26.7	0	0
Spain, Extremadura ‡	126.0	100	11.4	9.1	9.6	7.6	7.2	5.7					40.6	32.2	6.0	4.8	4.5	3.6	8.7	6.9	37.9	30.1	0	0
Spain, Galicia ‡	133.0	100	13.6	10.2	5.7	4.3	9.4	7.1	6.7	5.0	27.3	20.5	34.0	25.5	14.2	10.7	2.5	1.9	15.9	11.9	37.8	28.4	0	0
Spain, Valencian region	136.7	100	15.7	11.4	9.0	6.6	5.1	3.7					25.0	18.3	24.5	17.9	9.0	6.6	17.2	12.6	31.3	22.9	0	0
Sweden	110.3	100	15.4	13.9	2.6	2.3	8.4	7.6	9.6	8.7	16.0	14.5	25.6	23.2	14.9	13.5	5.8	5.2	16.3	14.8	21.3	19.3	0	0
The Netherlands	108.0	100	8.8	8.2	3.9	3.6	5.1	4.7	3.3	3.0	12.5	11.5	15.7	14.5	12.4	11.5	13.1	12.1	15.7	14.5	12.2	11.3	21.1	19.6
United Kingdom, All countries * ‡	99.6	100	12.3	12.4	6.1	6.2	6.1	6.2					21.2	21.2	6.1	6.2	4.3	4.3	15.7	15.8	18.5	18.6	9.2	9.3
United Kingdom, England * ‡	99.7	100	11.8	11.8	6.1	6.1	5.8	5.8					20.8	20.9	6.0	6.0	3.9	4.0	15.8	15.9	18.6	18.6	10.9	10.9
United Kingdom, Northern Ireland * ‡	92.1	100	13.0	14.1	6.1	6.6	6.9	7.4					21.1	22.9	7.4	8.0	2.4	2.6	19.3	20.9	15.7	17.1	0.2	0.2
United Kingdom, Scotland	92.9	100	14.0	15.1	6.3	6.8	8.2	8.9					20.3	21.9	6.7	7.2	6.3	6.8	14.4	15.5	16.3	17.5	0.4	0.4
United Kingdom, Wales * ‡	117.0	100	18.6	15.9	7.1	6.1	8.0	6.8					29.1	24.8	7.0	6.0	8.6	7.4	15.1	12.9	22.3	19.1	1.2	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 or a limited number of cases (<10%) with diabetes mellitus type unknown

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

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
					Type I	Type II	Both					
					Pmp	Pmp	Pmp					
Austria	119.0	13.5	4.6	4.6	4.0	33.4	37.4	10.3	14.1	20.3	14.3	0
Belgium, Dutch-speaking *	155.4	13.5	8.1	8.6	5.0	29.8	34.8	15.6	8.6	53.1	13.1	0
Belgium, French-speaking *	179.8	19.2	9.4	8.8	4.0	35.4	39.3	34.9	10.1	45.3	12.8	0
Denmark	110.4	13.9	2.7	7.7	10.4	15.3	25.7	15.3	0.3	17.1	27.6	0
Finland	74.9	8.4	3.6	6.8	10.1	15.7	25.9	3.4	1.1	12.6	13.0	0
France (20 of 26 regions) §	130.2	16.0	6.3	9.4			27.5	28.6	2.2	21.6	18.4	0.2
Greece	149.1	13.1	8.1	6.2	2.7	41.8	44.5	15.7	4.3	13.3	44.0	0
Iceland	125.1	21.3	0	11.8	3.6	12.3	15.9	30.3	9.8	12.8	23.3	0
Italy (8 of 20 regions) ‡ †	107.3	12.5	5.6	6.3			20.6	19.7	5.1	14.0	23.2	0.2
Norway	103.2	16.7	3.8	6.5	7.0	10.2	17.3	36.5	0.4	18.8	3.2	0
Romania	105.2	16.7	9.4	4.0			15.7	6.5	0.8	12.7	39.4	0
Spain, Andalusia	119.5	14.3	8.7	7.9			28.3	13.7	6.6	13.9	26.1	0
Spain, Aragon	109.2	13.0	6.5	9.4	3.5	24.0	27.4	6.1	9.3	14.7	22.8	0
Spain, Asturias ‡	93.0	5.0	2.3	6.8	6.6	13.8	20.5	12.0	2.6	12.0	32.1	0
Spain, Basque country	90.7	17.1	7.5	6.8	6.3	10.0	16.2	10.6	4.8	11.7	16.0	0
Spain, Canary Islands ‡	156.5						72.6				83.9	0
Spain, Cantabria *	113.9	27.3	1.6	6.3	3.4	22.1	25.5	17.9	20.9	12.6	1.8	0
Spain, Castile and León *	91.9	12.8	5.9	8.0	5.0	20.9	26.0	13.2	1.9	11.2	12.8	0
Spain, Castile-La Mancha *	106.7	13.9	10.0	12.1			26.8	7.4	1.9	8.4	26.1	0
Spain, Catalonia ‡	120.4	12.5	8.4	7.7	3.1	24.6	27.9	13.9	4.5	13.4	32.1	0
Spain, Extremadura ‡	119.8	11.2	9.4	7.0			38.7	5.6	3.8	9.0	35.4	0
Spain, Galicia ‡	111.7	12.2	4.7	8.3	6.3	22.4	28.6	10.9	2.1	14.8	30.3	0
Spain, Valencian region	134.1	15.5	9.1	5.0			24.8	23.4	8.8	16.9	30.6	0
Sweden	104.3	14.6	2.6	8.3	9.6	14.8	24.3	13.6	5.4	15.5	20.0	0
The Netherlands	109.2	8.9	3.9	4.9	3.3	12.6	15.9	12.7	13.6	15.7	12.5	21.0
United Kingdom, All countries * ‡	100.0	12.5	6.2	6.2			21.4	6.1	4.2	15.7	18.3	9.3
United Kingdom, England * ‡	100.3	12.0	6.1	5.9			21.2	6.0	3.9	15.9	18.4	11.0
United Kingdom, Northern Ireland * ‡	100.9	14.4	6.8	7.0			23.4	8.3	2.9	21.2	16.7	0.5
United Kingdom, Scotland	92.2	14.0	6.5	8.1			20.3	6.7	6.2	14.3	15.9	0.4
United Kingdom, Wales * ‡	109.7	18.2	6.9	8.0			27.1	6.4	7.3	13.5	21.1	1.1

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 or a limited number of cases (<10%) with diabetes mellitus type unknown

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

* Patients younger than 20 years of age are not reported

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

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	1034	800	1	0	3	80	884	17	88	1	106	22	21	1	44	0	0
Belgium, Dutch-speaking *	1097	614	2	49	2	300	967	72	43	1	116	5	9	0	14	0	0
Belgium, French-speaking *	819	599	5	0	4	91	699	63	34	0	97	9	14	0	23	0	0
Denmark	622	389	2	0			391	117	78	0	195	23	12	0	35	1	0
Finland	426	304	5	0	0	4	313	60	51	0	111	1	1	0	2	0	0
France (20 of 26 regions) §	6487	4764	0	5	8	611	5388	335	469	2	806	53	228	0	281	5	7
Greece	1923	1677	0	0	1	77	1755	62	93	0	155	13	0	0	13	0	0
Iceland	32	23	0	0			23		7		7	2	0	0	2	0	0
Italy (8 of 20 regions) ‡ †	1982	1151	0	419	43	57	1670	135	168	0	303	2	7	0	9	0	0
Norway	482	315	0	0			315			98	98	34	35	0	69	0	0
Romania	2206	1961	0	3	1	3	1968	4	210	0	214	13	6	5	24	0	0
Spain, Andalusia	951	818	0	0			818			101	101			32	32	0	0
Spain, Aragon	158	137	0	0			137	4	14	0	18	3	0	0	3	0	0
Spain, Asturias ‡	121	93	0	0			93	0	18	0	18	2	8	0	10	0	0
Spain, Basque country	220	175	0	0			175	0	40	0	40	0	5	0	5	0	0
Spain, Canary Islands ‡	308	269	0	0			269	0	38	0	38	0	1	0	1	0	0
Spain, Cantabria *	71	45	0	0			45	3	17	0	20	1	5	0	6	0	0
Spain, Castile and León *	292	233	0	0			233	26	27	0	53	0	6	0	6	0	0
Spain, Castile-La Mancha *	225	186	0	0			186	8	27	0	35			4	4	0	0
Spain, Catalonia ‡	911	581	1	0		140	722	32	88	0	119	44	25	0	69	0	0
Spain, Extremadura ‡	140	117	0	0	0	0	117	5	16	0	21	0	1	0	1	0	0
Spain, Galicia ‡	372	263	5	0			268	23	67	0	90	10	1	3	14	0	0
Spain, Valencian region	699	590	1	0			591	19	73	0	92	1	14	1	16	0	0
Sweden	1034		4	621			625			326	326	67	15	1	83	0	0
The Netherlands	1794	1211	0	0			1211	114	251	0	365	196	22	0	218	0	0
United Kingdom, All countries * ‡ //	6203	4302	10	35	1	134	4483	456	728	18	1203	222	160	128	509	9	0
United Kingdom, England * ‡	5206	3532	3	35	0	134	3704	392	624	15	1031	203	140	124	467	3	0
United Kingdom, Northern Ireland * ‡	166	143	0	0	1	1	145	7	3	2	13	3	1	4	8	0	0
United Kingdom, Scotland	485	378	0	0			378	53	35	0	88	7	8	0	15	4	0
United Kingdom, Wales * ‡	352	252	7	0	0	0	260	3	67	1	71	10	9	0	20	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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

// 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		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	123.2	95.4	0.1	0	0.4	9.5	105.4	2.0	10.5	0.1	12.6	2.6	2.5	0.1	5.2	0	0
Belgium, Dutch-speaking *	174.7	97.8	0.3	7.8	0.3	47.8	154.0	11.5	6.8	0.2	18.5	0.8	1.4	0	2.2	0	0
Belgium, French-speaking *	177.4	129.8	1.1	0	0.9	19.7	151.4	13.6	7.4	0	21.0	1.9	3.0	0	5.0	0	0
Denmark	111.0	69.4	0.4	0			69.8	20.9	13.9	0	34.8	4.1	2.1	0	6.2	0.2	0
Finland	79.4	56.7	0.9	0	0	0.7	58.4	11.2	9.5	0	20.7	0.2	0.2	0	0.4	0	0
France (20 of 26 regions) §	138.7	101.9	0	0.1	0.2	13.1	115.2	7.2	10.0	0	17.2	1.1	4.9	0	6.0	0.1	0.1
Greece	170.1	148.3	0	0	0.1	6.8	155.2	5.5	8.2	0	13.7	1.1	0	0	1.1	0	0
Iceland	100.6	72.3	0	0			72.3			22.0	22.0	6.3	0	0	6.3	0	0
Italy (8 of 20 regions) ‡ †	127.2	73.9	0	26.9	2.7	3.7	107.1	8.7	10.8	0	19.5	0.1	0.4	0	0.6	0	0
Norway	98.6	64.4	0	0			64.4			20.0	20.0	7.0	7.2	0	14.1	0	0
Romania	102.9	91.5	0	0.1	0	0.1	91.8	0.2	9.8	0	10.0	0.6	0.3	0.2	1.1	0	0
Spain, Andalusia	113.2	97.4	0	0			97.4			12.0	12.0			3.8	3.8	0	0
Spain, Aragon	117.3	101.7	0	0			101.7	3.0	10.4	0	13.4	2.2	0	0	2.2	0	0
Spain, Asturias ‡	111.6	86.1	0	0			86.1	0	16.3	0	16.3	2.2	7.1	0	9.2	0	0
Spain, Basque country	100.8	80.2	0	0			80.2	0	18.3	0	18.3	0	2.3	0	2.3	0	0
Spain, Canary Islands ‡	145.3	126.9	0	0			126.9	0	17.7	0	17.7	0	0.6	0	0.6	0	0
Spain, Cantabria *	119.8	75.9	0	0			75.9	5.1	28.7	0	33.7	1.7	8.4	0	10.1	0	0
Spain, Castile and León *	114.1	91.1	0	0			91.1	10.2	10.6	0	20.7	0	2.3	0	2.3	0	0
Spain, Castile-La Mancha *	106.8	88.3	0	0			88.3	3.8	12.8	0	16.6			1.9	1.9	0	0
Spain, Catalonia ‡	121.3	77.3	0.1	0		18.7	96.2	4.2	11.7	0	15.9	5.9	3.4	0	9.2	0	0
Spain, Extremadura ‡	126.0	105.9	0	0	0	0	105.9	4.8	14.1	0	18.9	0	1.2	0	1.2	0	0
Spain, Galicia ‡	133.0	94.0	1.9	0			96.0	8.1	24.0	0	32.1	3.7	0.4	1.0	5.0	0	0
Spain, Valencian region	136.7	115.4	0.2	0			115.6	3.7	14.3	0	18.0	0.2	2.7	0.2	3.1	0	0
Sweden	110.3		0.4	66.2			66.6			34.8	34.8	7.1	1.6	0.1	8.9	0	0
The Netherlands	108.0	72.9	0	0			72.9	6.9	15.1	0	22.0	11.8	1.3	0	13.1	0	0
United Kingdom, All countries * ‡ //	99.6	69.1	0.2	0.6	0	2.2	72.0	7.3	11.7	0.3	19.3	3.6	2.6	2.1	8.2	0.1	0
United Kingdom, England * ‡	99.7	67.6	0.1	0.7	0	2.6	70.9	7.5	12.0	0.3	19.7	3.9	2.7	2.4	8.9	0.1	0
United Kingdom, Northern Ireland * ‡	92.1	79.6	0	0	0.4	0.4	80.4	4.1	1.9	1.1	7.0	1.9	0.6	2.2	4.6	0	0
United Kingdom, Scotland	92.9	72.4	0	0			72.4	10.1	6.7	0	16.9	1.3	1.5	0	2.9	0.8	0
United Kingdom, Wales * ‡	117.0	83.9	2.4	0	0	0	86.4	1.0	22.2	0.4	23.6	3.4	3.1	0	6.5	0.4	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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

// 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	119.0	92.1	0.1	0	0.3	9.1	101.7	2.0	10.1	0.1	12.2	2.5	2.5	0.1	5.1	0	0
Belgium, Dutch-speaking *	155.4	86.4	0.3	7.1	0.3	42.0	136.1	10.8	6.2	0.2	17.2	0.8	1.4	0	2.1	0	0
Belgium, French-speaking *	179.8	131.3	1.2	0	0.9	20.0	153.4	13.8	7.4	0	21.2	2.0	3.1	0	5.1	0	0
Denmark	110.4	69.7	0.3	0			70.0	20.2	13.7	0	33.9	4.1	2.1	0	6.2	0.2	0
Finland	74.9	53.3	0.8	0	0	0.7	54.8	10.8	8.9	0	19.8	0.2	0.2	0	0.3	0	0
France (20 of 26 regions) §	173.6	127.2	0	0.1	0.2	16.1	143.7	9.4	11.9	0.1	21.4	1.6	6.6	0	8.2	0.1	0.2
Greece	149.1	129.4	0	0	0.1	6.2	135.7	5.1	7.1	0	12.2	1.2	0	0	1.2	0	0
Iceland	125.1	89.1	0	0			89.1			27.6	27.6	8.4	0	0	8.4	0	0
Italy (8 of 20 regions) ‡ †	107.3	61.5	0	22.8	2.2	3.1	89.5	7.8	9.3	0	17.2	0.1	0.5	0	0.6	0	0
Norway	103.2	67.3	0	0			67.3			21.4	21.4	7.0	7.4	0	14.5	0	0
Romania	105.2	93.7	0	0.1	0	0.1	94.0	0.2	10.0	0	10.2	0.6	0.3	0.2	1.1	0	0
Spain, Andalusia	119.5	103.1	0	0			103.1			12.5	12.5			3.8	3.8	0	0
Spain, Aragon	109.2	93.8	0	0			93.8	2.7	10.2	0	12.9	2.5	0	0	2.5	0	0
Spain, Asturias ‡	93.0	70.4	0	0			70.4	0	15.0	0	15.0	2.0	6.5	0	8.5	0	0
Spain, Basque country	90.7	71.4	0	0			71.4	0	17.0	0	17.0	0	2.3	0	2.3	0	0
Spain, Canary Islands ‡	156.5	138.1	0	0			138.1	0	17.9	0	17.9	0	0.5	0	0.5	0	0
Spain, Cantabria *	113.9	71.8	0	0			71.8	4.8	27.5	0	32.3	1.7	8.1	0	9.8	0	0
Spain, Castile and León *	91.9	71.9	0	0			71.9	8.5	9.2	0	17.6	0	2.3	0	2.3	0	0
Spain, Castile-La Mancha *	106.7	87.6	0	0			87.6	3.8	13.4	0	17.2			1.9	1.9	0	0
Spain, Catalonia ‡	120.4	76.4	0.1	0		18.9	95.3	4.2	11.8	0	15.8	5.8	3.5	0	9.3	0	0
Spain, Extremadura ‡	119.8	100.6	0	0	0	0	100.6	5.6	13.4	0	18.2	0	1.3	0	1.3	0	0
Spain, Galicia ‡	111.7	76.2	1.6	0			77.9	7.9	20.9	0	29.0	3.5	0.3	0.9	4.8	0	0
Spain, Valencian region	134.1	113.2	0.2	0			113.4	3.7	13.8	0	17.5	0.2	2.8	0.2	3.2	0	0
Sweden	104.3		0.4	61.9			62.4			33.1	33.1	7.2	1.6	0.1	8.9	0	0
The Netherlands	109.2	74.4	0	0			74.4	6.7	15.3	0	22.0	11.6	1.3	0	12.8	0	0
United Kingdom, All countries * ‡ //	100.0	69.0	0.2	0.6	0	2.2	72.0	7.4	11.7	0.3	19.4	3.7	2.6	2.1	8.4	0.2	0
United Kingdom, England * ‡	100.3	67.8	0.1	0.7	0	2.6	71.2	7.6	12.0	0.3	19.8	4.0	2.8	2.4	9.2	0.1	0
United Kingdom, Northern Ireland * ‡	100.9	87.3	0	0	0.6	0.6	88.1	4.3	1.9	1.2	7.3	1.7	0.6	1.9	4.2	0	0
United Kingdom, Scotland	92.2	71.6	0	0			71.6	10.2	6.7	0	16.9	1.4	1.6	0	2.9	0.8	0
United Kingdom, Wales * ‡	109.7	76.2	2.2	0	0	0	78.6	0.9	22.0	0.4	23.4	3.9	3.1	0	7.0	0.4	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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

// 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	77.4	0.1	0	0.3	7.7	85.5	1.6	8.5	0.1	10.3	2.1	2.0	0.1	4.3	0	0
Belgium, Dutch-speaking *	100	56.0	0.2	4.5	0.2	27.3	88.1	6.6	3.9	0.1	10.6	0.5	0.8	0	1.3	0	0
Belgium, French-speaking *	100	73.1	0.6	0	0.5	11.1	85.3	7.7	4.2	0	11.8	1.1	1.7	0	2.8	0	0
Denmark	100	62.5	0.3	0			62.9	18.8	12.5	0	31.4	3.7	1.9	0	5.6	0.2	0
Finland	100	71.4	1.2	0	0	0.9	73.5	14.1	12.0	0	26.1	0.2	0.2	0	0.5	0	0
France (20 of 26 regions) §	100	73.4	0	0.1	0.1	9.4	83.1	5.2	7.2	0	12.4	0.8	3.5	0	4.3	0.1	0.1
Greece	100	87.2	0	0	0.1	4.0	91.3	3.2	4.8	0	8.1	0.7	0	0	0.7	0	0
Iceland	100	71.9	0	0			71.9			21.9	21.9	6.3	0	0	6.3	0	0
Italy (8 of 20 regions) ‡ †	100	58.1	0	21.1	2.1	2.9	84.2	6.8	8.5	0	15.3	0.1	0.4	0	0.5	0	0
Norway	100	65.4	0	0			65.4			20.3	20.3	7.1	7.3	0	14.3	0	0
Romania	100	88.9	0	0.1	0	0.1	89.2	0.2	9.5	0	9.7	0.6	0.3	0.2	1.1	0	0
Spain, Andalusia	100	86.0	0	0			86.0			10.6	10.6			3.4	3.4	0	0
Spain, Aragon	100	86.7	0	0			86.7	2.5	8.9	0	11.4	1.9	0	0	1.9	0	0
Spain, Asturias ‡	100	77.1	0	0			77.1	0	14.6	0	14.6	1.9	6.3	0	8.3	0	0
Spain, Basque country	100	79.5	0	0			79.5	0	18.2	0	18.2	0	2.3	0	2.3	0	0
Spain, Canary Islands ‡	100	87.4	0	0			87.4	0	12.2	0	12.2	0	0.4	0	0.4	0	0
Spain, Cantabria *	100	63.4	0	0			63.4	4.2	23.9	0	28.2	1.4	7.0	0	8.5	0	0
Spain, Castile and León *	100	79.8	0	0			79.8	8.9	9.2	0	18.2	0	2.1	0	2.1	0	0
Spain, Castile-La Mancha *	100	82.7	0	0			82.7	3.6	12.0	0	15.6			1.8	1.8	0	0
Spain, Catalonia ‡	100	63.8	0.1	0		15.4	79.3	3.5	9.6	0	13.1	4.8	2.8	0	7.6	0	0
Spain, Extremadura ‡	100	84.0	0	0	0	0	84.0	3.8	11.2	0	15.0	0	1.0	0	1.0	0	0
Spain, Galicia ‡	100	70.7	1.4	0			72.1	6.1	18.0	0	24.1	2.8	0.3	0.7	3.8	0	0
Spain, Valencian region	100	84.4	0.1	0			84.5	2.7	10.4	0	13.2	0.1	2.0	0.1	2.3	0	0
Sweden	100		0.4	60.1			60.4			31.5	31.5	6.5	1.5	0.1	8.0	0	0
The Netherlands	100	67.5	0	0			67.5	6.4	14.0	0	20.3	10.9	1.2	0	12.2	0	0
United Kingdom, All countries * ‡	100	69.4	0.2	0.6	0	2.2	72.3	7.4	11.7	0.3	19.4	3.6	2.6	2.1	8.2	0.1	0
United Kingdom, England * ‡	100	67.9	0.1	0.7	0	2.6	71.1	7.5	12.0	0.3	19.8	3.9	2.7	2.4	9.0	0.1	0
United Kingdom, Northern Ireland * ‡	100	86.5	0	0	0.4	0.4	87.3	4.4	2.0	1.2	7.6	2.0	0.6	2.4	5.0	0	0
United Kingdom, Scotland	100	77.9	0	0			77.9	10.9	7.2	0	18.1	1.4	1.6	0	3.1	0.8	0
United Kingdom, Wales * ‡	100	71.8	2.1	0	0	0	73.8	0.9	19.0	0.4	20.2	2.9	2.7	0	5.6	0.4	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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

|| 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.3.10
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	77	10	4	8	60	10	30	0	62	16	18	4	71	11	6	13	80	11	1	7	88	6	0	6	77	10	5	9	79	10	4	7	81	6	3	10	76	12	5	7
Belgium, Dutch-speaking *	61	11	1	28					50	26	3	21	54	18	4	24	64	7	0	28	64	6	0	30	59	12	1	28	63	8	2	27	56	8	0	35	62	11	2	25
Belgium, French-speaking *	74	12	3	12					57	15	14	15	70	13	4	13	76	11	1	11	80	10	0	10	72	12	4	12	76	12	2	11	71	11	1	16	74	12	3	10
Denmark	63	31	6	0	11	22	67	0	52	34	14	0	55	37	8	0	69	30	1	1	75	25	0	0	62	33	5	0	65	28	7	0	68	29	3	0	61	32	7	0
Finland	73	26	0	1	55	45	0	0	55	45	0	0	66	31	1	2	82	18	0	0	84	15	0	1	73	25	1	1	71	29	0	0	68	30	0	2	75	24	1	0
France (20 of 26 regions) §	74	12	4	10	44	25	26	5	63	16	14	7	71	13	8	9	78	9	2	11	76	13	0	11	74	12	4	10	73	13	5	9	76	11	3	10	73	13	5	10
Greece	87	8	1	4	61	28	6	6	73	14	7	5	88	8	0	4	85	8	0	7	92	7	0	2	86	8	1	5	89	9	1	2	88	9	0	4	87	8	1	4
Iceland	72	22	6	0	100	0	0	0	75	25	0	0	63	25	13	0	67	22	11	0	80	20	0	0	67	28	6	0	79	14	7	0	100	0	0	0	68	25	7	0
Italy (8 of 20 regions) ‡ †	79	15	0	5	39	46	15	0	69	23	1	6	74	21	0	5	81	14	1	4	85	9	0	6	79	15	0	5	80	15	0	5	80	15	0	5	79	15	1	5
Norway	65	20	14	0	29	0	71	0	55	18	27	0	62	20	18	0	71	18	11	0	73	26	1	0	66	19	15	0	65	22	13	0	68	17	15	0	65	21	14	0
Romania	89	10	1	0	85	11	4	0	85	10	5	0	90	9	1	0	88	12	0	0	94	6	0	0	89	9	1	0	89	10	1	0	86	12	2	0	89	9	1	0
Spain, Andalusia	86	11	3	0	57	7	36	0	80	12	8	0	80	16	4	0	92	7	1	0	93	7	0	0	86	11	3	0	85	10	4	0	85	10	5	0	86	11	3	0
Spain, Aragon	87	11	2	0	67	0	33	0	84	5	11	0	79	21	0	0	90	10	0	0	95	5	0	0	86	11	3	0	88	12	0	0	92	8	0	0	85	13	3	0
Spain, Asturias ‡	77	15	8	0	100	0	0	0	62	19	19	0	60	23	18	0	84	13	3	0	92	8	0	0	78	14	7	0	74	16	10	0	92	3	5	0	73	18	9	0
Spain, Basque country	80	18	2	0	33	67	0	0	74	15	11	0	73	24	2	0	80	20	0	0	96	4	0	0	78	21	1	0	83	13	4	0	90	10	0	0	77	20	3	0
Spain, Canary Islands ‡	87	12	0	0	0	100	0	0	74	23	3	0	87	13	0	0	90	10	0	0	94	6	0	0	85	14	0	0	92	8	0	0	87	13	0	0	88	12	1	0
Spain, Cantabria *	63	28	8	0					83	0	17	0	42	42	17	0	65	30	4	0	83	17	0	0	63	25	12	0	65	35	0	0	67	27	7	0	63	29	9	0
Spain, Castile and León *	80	18	2	0					53	37	10	0	74	23	3	0	88	12	0	0	88	12	0	0	84	14	2	0	68	30	2	0	84	16	0	0	78	19	3	0
Spain, Castile-La Mancha *	83	16	2	0					67	30	3	0	77	18	5	0	83	17	0	0	95	5	0	0	83	15	2	0	83	16	1	0	91	7	2	0	80	18	2	0
Spain, Catalonia ‡	64	13	8	15	18	54	29	0	44	23	23	10	55	16	14	15	67	11	2	19	77	7	0	15	63	14	7	16	65	12	9	15	69	11	1	19	62	14	9	14
Spain, Extremadura ‡	84	15	1	0	0	0	100	0	69	31	0	0	76	24	0	0	98	2	0	0	91	9	0	0	78	22	0	0	96	2	2	0	81	19	0	0	86	13	1	0
Spain, Galicia ‡	72	24	4	0	0	60	40	0	51	41	8	0	61	32	7	0	80	19	1	0	89	11	0	0	73	24	3	0	71	24	5	0	80	19	1	0	69	26	5	0
Spain, Valencian region	85	13	2	0	44	33	22	0	70	23	6	0	78	19	3	0	90	9	1	0	94	6	0	0	85	13	2	0	84	14	2	0	93	7	0	0	83	15	3	0
Sweden	60	32	8	0	27	42	31	0	51	26	23	0	56	33	11	0	60	37	3	0	73	27	0	0	61	31	8	0	60	32	8	0	62	34	4	0	60	31	9	0
The Netherlands	68	20	12	0	25	31	44	0	46	27	27	0	58	24	18	0	74	19	8	0	85	14	1	0	68	20	12	0	66	22	12	0	74	26	0	0	66	19	14	0
United Kingdom, All countries * ‡	70	19	8	2					52	27	19	2	63	22	13	2	78	17	2	3	84	13	0	3	71	19	8	2	69	19	9	2	72	21	5	3	70	19	9	2
United Kingdom, England * ‡	69	20	9	3					51	27	20	2	62	23	14	2	77	17	2	4	83	14	0	3	69	20	9	3	68	19	10	3	70	21	5	4	68	19	10	2
United Kingdom, Northern Ireland * ‡	87	8	5	1					68	18	14	0	83	8	9	0	89	8	0	3	96	2	0	2	86	8	5	2	88	7	5	0	87	13	0	0	86	6	7	1
United Kingdom, Scotland	78	18	3	1	29	43	29	0	63	29	7	1	74	21	4	1	83	16	1	1	93	7	0	0	82	15	2	1	72	22	4	1	82	17	1	0	77	18	4	1
United Kingdom, Wales * ‡	74	20	6	0					46	34	18	2	67	26	7	0	80	16	4	0	88	12	0	0	76	17	6	0	69	27	4	0	74	20	6	0	74	20	6	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

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

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

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	8355	5150	3205	102	1	61	1	41	1	1322	16	787	15	535	17	3551	43	2264	44	1287	40	2025	24	1269	25	756	24	1355	16	769	15	586	18
Belgium, Dutch-speaking *	7322	4346	2976							846	12	511	12	335	11	2580	35	1577	36	1003	34	1679	23	1030	24	649	22	2217	30	1228	28	989	33
Belgium, French-speaking *	5712	3472	2240							811	14	509	15	302	13	2188	38	1344	39	844	38	1239	22	750	22	489	22	1474	26	869	25	605	27
Denmark	4745	2909	1836	93	2	51	2	42	2	997	21	591	20	406	22	1930	41	1197	41	733	40	1019	21	637	22	382	21	706	15	433	15	273	15
Finland	4242	2665	1577	123	3	69	3	54	3	684	16	421	16	263	17	1945	46	1239	46	706	45	961	23	605	23	356	23	529	12	331	12	198	13
France (20 of 26 regions) §	49348	29769	19579	507	1	289	1	218	1	7686	16	4662	16	3024	15	18890	38	11578	39	7312	37	9929	20	6038	20	3891	20	12336	25	7202	24	5134	26
Greece	12212	7796	4416	108	1	64	1	44	1	1723	14	1130	14	593	13	4190	34	2757	35	1433	32	3024	25	1923	25	1101	25	3166	26	1922	25	1244	28
Iceland	190	109	81	5	3	2	2	3	4	53	28	30	28	23	28	70	37	39	36	31	38	36	19	20	18	16	20	26	14	18	17	8	10
Italy (8 of 20 regions) † #	16595	10618	5977	96	1	62	1	34	1	2246	14	1405	13	841	14	5853	35	3804	36	2049	34	3945	24	2651	25	1294	22	4455	27	2696	25	1759	29
Norway	4195	2728	1467	78	2	49	2	29	2	819	20	511	19	308	21	1735	41	1133	42	602	41	902	22	600	22	302	21	661	16	435	16	226	15
Romania ¶	12085	6726	5359	115	1	61	1	54	1	2552	21	1504	22	1048	20	5506	46	3113	46	2393	45	2593	21	1377	20	1216	23	1319	11	671	10	648	12
Spain, Andalusia	8558	5107	3451	101	1	60	1	41	1	1665	19	1036	20	629	18	3452	40	2160	42	1292	37	1832	21	1057	21	775	22	1508	18	794	16	714	21
Spain, Aragon	1480	929	551	10	1	6	1	4	1	218	15	131	14	87	16	578	39	374	40	204	37	307	21	195	21	112	20	367	25	223	24	144	26
Spain, Asturias	1077	677	400	6	1	4	1	2	1	168	16	100	15	68	17	433	40	288	43	145	36	225	21	136	20	89	22	245	23	149	22	96	24
Spain, Basque country	2296	1432	864	32	1	19	1	13	2	373	16	219	15	154	18	938	41	595	42	343	40	546	24	351	25	195	23	407	18	248	17	159	18
Spain, Canary Islands	2437	1584	853	9	0	7	0	2	0	445	18	285	18	160	19	997	41	673	42	324	38	550	23	360	23	190	22	436	18	259	16	177	21
Spain, Cantabria *	534	368	166							84	16	54	15	30	18	228	43	159	43	69	42	126	24	89	24	37	22	96	18	66	18	30	18
Spain, Castile and León *	2609	1706	903							368	14	237	14	131	15	1010	39	676	40	334	37	544	21	362	21	182	20	687	26	431	25	256	28
Spain, Castile-La Mancha *	2035	1230	805							352	17	209	17	143	18	767	38	500	41	267	33	471	23	273	22	198	25	445	22	248	20	197	24
Spain, Catalonia	8928	5593	3335	91	1	54	1	37	1	1421	16	900	16	521	16	3318	37	2131	38	1187	36	2042	23	1286	23	756	23	2056	23	1222	22	834	25
Spain, Extremadura	1107	658	449	4	0	2	0	2	0	212	19	132	20	80	18	448	40	286	43	162	36	225	20	126	19	99	22	218	20	112	17	106	24
Spain, Galicia	3160	1974	1186	13	0	7	0	6	1	525	17	316	16	209	18	1206	38	775	39	431	36	745	24	470	24	275	23	671	21	406	21	265	22
Spain, Valencian region	5778	3578	2200	65	1	43	1	22	1	907	16	558	16	349	16	2161	37	1364	38	797	36	1346	23	855	24	491	22	1299	22	758	21	541	25
Sweden	8525	5439	3086	159	2	89	2	70	2	1429	17	886	16	543	18	3570	42	2268	42	1302	42	2018	24	1299	24	719	23	1349	16	897	16	452	15
The Netherlands	15383	9196	6187	260	2	153	2	107	2	2754	18	1646	18	1108	18	6358	41	3846	42	2512	41	3386	22	2013	22	1373	22	2625	17	1538	17	1087	18
United Kingdom, All countries *	51087	30988	20099							11654	23	6896	22	4758	24	21481	42	13059	42	8422	42	9917	19	5984	19	3933	20	8035	16	5049	16	2986	15
United Kingdom, England *	42675	25863	16812							9692	23	5717	22	3975	24	17973	42	10904	42	7069	42	8290	19	4976	19	3314	20	6720	16	4266	16	2454	15
United Kingdom, Northern Ireland *	1494	910	584							348	23	218	24	130	22	571	38	343	38	228	39	312	21	190	21	122	21	263	18	159	17	104	18
United Kingdom, Scotland	4434	2616	1818	94	2	57	2	37	2	1080	24	622	24	458	25	1880	42	1145	44	735	40	786	18	462	18	324	18	594	13	330	13	264	15
United Kingdom, Wales *	2578	1656	922							534	21	339	20	195	21	1057	41	667	40	390	42	529	21	356	21	173	19	458	18	294	18	164	18

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

The overall prevalence of RRT is underestimated by approximately 11% due to an estimated 25-30% underreporting of patients living on a functioning graft

¶ The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 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	59.7	15.5	61.4	61.6	59.5	15.1	61.3	38.4	60.0	16.0	61.6
Belgium, Dutch-speaking *	100	64.7	15.2	66.5	59.4	64.3	15.0	65.8	40.6	65.4	15.4	67.6
Belgium, French-speaking *	100	63.0	15.7	64.1	60.8	62.7	15.5	63.8	39.2	63.5	15.8	64.5
Denmark	100	57.6	16.6	59.4	61.3	57.8	16.5	59.7	38.7	57.2	16.8	58.9
Finland	100	57.7	16.0	59.9	62.8	57.9	15.8	60.2	37.2	57.4	16.4	59.3
France (20 of 26 regions) §	100	61.7	16.6	63.0	60.3	61.5	16.5	62.8	39.7	62.0	16.8	63.3
Greece	100	62.9	15.9	65.4	63.8	62.5	15.8	64.8	36.2	63.6	16.2	66.3
Iceland	100	54.5	18.0	57.4	57.4	55.8	17.8	60.0	42.6	52.7	18.3	55.6
Italy (8 of 20 regions) † #	100	63.5	15.9	65.3	64.0	63.4	15.6	65.2	36.0	63.7	16.4	65.6
Norway	100	58.2	16.3	60.3	65.0	58.6	16.2	60.6	35.0	57.6	16.5	59.4
Romania ¶	100	57.1	15.0	58.6	55.7	56.5	15.0	58.0	44.3	58.0	15.1	59.5
Spain, Andalusia	100	58.7	16.1	60.3	59.7	57.8	15.9	59.0	40.3	60.0	16.2	62.2
Spain, Aragon	100	61.8	15.7	62.7	62.8	61.8	15.5	62.7	37.2	61.7	16.1	63.0
Spain, Asturias	100	61.2	15.4	61.9	62.9	60.9	15.2	61.5	37.1	61.7	15.6	62.7
Spain, Basque country	100	59.8	15.5	61.6	62.4	59.9	15.2	61.8	37.6	59.5	16.1	61.1
Spain, Canary Islands	100	59.8	15.0	61.4	65.0	59.4	14.8	60.6	35.0	60.4	15.4	62.3
Spain, Cantabria *	100	60.6	14.2	62.1	68.9	61.0	13.9	62.7	31.1	59.7	14.7	61.1
Spain, Castile and León *	100	62.7	15.2	63.6	65.4	62.5	15.0	63.2	34.6	62.9	15.5	64.2
Spain, Castile-La Mancha *	100	61.1	15.3	62.6	60.4	60.4	15.1	61.4	39.6	62.2	15.5	64.6
Spain, Catalonia	100	61.4	16.0	63.2	62.6	61.1	15.9	62.7	37.4	61.8	16.3	63.9
Spain, Extremadura	100	59.5	15.6	60.0	59.4	58.5	15.3	58.8	40.6	61.0	16.0	62.6
Spain, Galicia	100	61.1	15.2	62.8	62.5	61.1	14.8	62.8	37.5	61.1	15.8	63.0
Spain, Valencian region	100	61.3	16.1	63.2	61.9	61.0	16.0	62.9	38.1	61.9	16.3	63.7
Sweden	100	59.0	16.0	61.1	63.8	59.4	15.9	61.5	36.2	58.3	16.3	60.2
The Netherlands	100	58.9	16.2	60.9	59.8	58.8	16.1	60.9	40.2	59.0	16.3	60.9
United Kingdom, All countries *	100	57.7	15.8	58.3	60.7	58.0	15.9	58.6	39.3	57.3	15.7	57.8
United Kingdom, England *	100	57.7	15.8	58.3	60.6	58.0	15.9	58.6	39.4	57.3	15.7	57.8
United Kingdom, Northern Ireland *	100	58.3	16.3	59.4	60.9	58.4	16.1	59.4	39.1	58.2	16.6	59.5
United Kingdom, Scotland	100	55.6	16.5	55.9	59.0	55.7	16.4	56.7	41.0	55.6	16.6	55.2
United Kingdom, Wales *	100	59.1	15.8	60.5	64.2	59.3	15.8	60.8	35.8	58.7	15.8	60.0

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

The overall prevalence of RRT is underestimated by approximately 11% due to an estimated 25-30% underreporting of patients living on a functioning graft

¶ The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft

Table A.4.3
Prevalence per million (age-related) 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	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
Austria	995.9	1260.0	744.9	58.7	68.5	48.4	455.1	539.8	369.8	1565.2	2014.3	1124.3	2513.1	3397.6	1748.8	2015.7	3194.2	1358.1
Belgium, Dutch-speaking *	1166.1	1402.2	935.9				418.8	500.7	335.2	1487.0	1801.7	1166.6	2915.1	3746.6	2155.8	3901.6	5500.9	2866.7
Belgium, French-speaking *	1237.4	1548.7	943.4				513.8	642.9	383.8	1825.5	2277.6	1387.0	3561.4	4749.7	2573.8	3885.2	6466.3	2469.4
Denmark	846.7	1046.4	650.1	67.9	72.7	62.9	551.1	647.3	453.1	1283.5	1585.3	979.1	1915.5	2480.6	1388.1	1809.2	2822.2	1152.8
Finland	790.9	1012.6	577.3	100.7	110.6	90.3	408.0	490.7	321.3	1263.3	1616.3	913.3	1943.7	2635.3	1344.2	1226.5	2150.1	713.9
France (20 of 26 regions) §	1055.4	1308.9	815.3	45.0	50.0	39.7	515.1	620.9	408.0	1518.6	1902.6	1150.8	2593.4	3378.6	1906.0	2869.3	4539.4	1892.6
Greece	1080.0	1392.4	773.6	49.2	56.6	41.4	430.4	547.1	306.1	1419.3	1900.7	954.3	2731.7	3848.4	1812.9	3007.8	4242.7	2074.8
Iceland	597.4	681.4	512.4	55.5	43.5	68.1	472.1	524.3	417.8	908.2	1000.3	813.9	1792.4	2040.4	1556.0	1402.7	2269.9	754.3
Italy (8 of 20 regions) † #	1064.6	1397.4	748.1	33.8	42.4	24.7	424.1	524.3	321.5	1380.5	1818.6	953.9	2477.8	3549.0	1531.0	2743.2	4360.5	1749.0
Norway	858.0	1116.3	599.9	62.8	76.9	47.9	491.3	600.5	377.4	1391.2	1784.6	983.2	2372.6	3264.1	1538.0	1876.3	3187.0	1047.3
Romania ¶	563.7	644.4	487.2	25.7	26.6	24.8	300.5	347.5	251.6	1043.7	1233.7	869.5	1431.6	1793.5	1165.3	952.4	1281.8	752.2
Spain, Andalusia	1019.1	1228.5	813.9	54.6	63.1	45.7	511.5	624.2	394.2	1702.4	2151.5	1262.0	2800.0	3481.3	2210.1	2464.4	3328.6	1912.3
Spain, Aragon	1099.0	1382.0	816.9	41.1	47.9	33.8	444.2	510.0	372.0	1675.2	2143.5	1196.1	2618.0	3525.1	1808.0	2443.7	3697.9	1602.2
Spain, Asturias	993.2	1300.9	709.3	39.0	50.7	26.7	447.3	525.2	367.2	1370.4	1874.4	893.3	2158.9	2865.0	1568.2	1818.1	2977.6	1133.2
Spain, Basque country	1052.5	1343.6	774.4	84.8	97.8	71.0	482.3	553.0	408.0	1541.8	1990.6	1108.3	2701.5	3746.1	1798.7	1849.1	2993.0	1158.5
Spain, Canary Islands	1148.1	1494.1	802.8	21.3	32.2	9.7	509.1	642.6	371.6	1858.2	2494.6	1214.5	3425.9	4666.2	2278.4	3400.6	4962.7	2328.2
Spain, Cantabria *	901.0	1269.4	548.2				386.6	488.9	280.9	1402.5	1970.3	842.8	2565.2	3899.6	1407.1	1567.9	2869.1	784.8
Spain, Castile and León *	1019.5	1345.1	699.6				420.8	525.4	309.3	1470.3	1921.6	996.6	2184.1	3059.3	1392.0	2069.5	3243.3	1285.9
Spain, Castile-La Mancha *	965.9	1157.2	771.1				435.6	493.9	371.6	1566.0	1990.0	1119.3	2859.8	3539.7	2261.1	2160.6	2895.1	1637.6
Spain, Catalonia	1188.4	1501.7	880.4	61.1	70.3	51.3	483.7	591.4	368.0	1797.5	2336.6	1271.0	3415.2	4617.3	2366.9	3206.3	5006.2	2100.0
Spain, Extremadura	998.8	1195.7	804.6	17.9	17.4	18.4	536.1	651.5	414.9	1617.8	2012.7	1201.5	2305.8	2769.0	1901.0	1899.0	2467.7	1527.1
Spain, Galicia	1130.0	1462.1	819.9	29.5	30.9	28.1	531.1	635.1	425.7	1623.1	2122.9	1140.3	2581.4	3531.0	1768.6	1997.1	3180.3	1272.0
Spain, Valencian region	1130.3	1407.0	856.4	64.4	82.8	44.9	459.7	546.5	366.6	1697.8	2170.4	1236.9	3008.5	4037.8	2083.6	3180.0	4675.3	2196.0
Sweden	909.0	1164.8	655.4	72.7	79.3	65.9	465.7	565.7	361.5	1481.3	1868.2	1088.7	2205.9	2901.4	1539.3	1687.9	2812.1	941.2
The Netherlands	925.8	1118.3	737.3	66.3	76.3	55.9	503.1	597.8	407.3	1366.2	1643.9	1085.5	2399.2	2942.6	1888.1	2272.1	3490.9	1520.8
United Kingdom, All countries *	820.5	1011.2	635.7				547.5	643.3	450.3	1351.9	1671.3	1042.9	1836.7	2326.2	1391.2	1638.1	2574.8	1014.2
United Kingdom, England *	817.0	1004.1	635.0				539.3	630.2	446.7	1357.5	1671.8	1052.4	1847.6	2322.2	1413.8	1631.3	2576.9	996.0
United Kingdom, Northern Ireland *	830.1	1028.9	638.0				555.9	696.9	415.1	1321.1	1612.6	1038.7	2178.8	2819.0	1609.5	2242.1	3533.3	1438.5
United Kingdom, Scotland	849.1	1033.8	675.4	80.0	94.8	64.5	618.0	718.2	519.5	1324.1	1664.2	1004.4	1658.6	2099.0	1276.6	1464.1	2127.7	1053.5
United Kingdom, Wales *	857.5	1125.8	600.5				567.9	723.6	413.3	1324.4	1708.5	956.6	1790.2	2505.3	1127.8	1743.4	2792.0	1041.9

* Patients younger than 20 years of age are not reported

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

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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	995.9	100	234.9	23.6	76.0	7.6	64.5	6.5	54.4	5.5	156.3	15.7	210.6	21.1	68.8	6.9	67.0	6.7	177.1	17.8	96.9	9.7	0	0
Belgium, Dutch-speaking *	1166.1	100	209.6	18.0	93.6	8.0	110.8	9.5	52.6	4.5	159.7	13.7	212.3	18.2	79.8	6.8	103.0	8.8	251.0	21.5	105.9	9.1	0	0
Belgium, French-speaking *	1237.4	100	224.0	18.1	119.8	9.7	96.0	7.8	37.3	3.0	170.7	13.8	208.0	16.8	165.9	13.4	46.6	3.8	299.2	24.2	78.0	6.3	0	0
Denmark	846.7	100	170.8	20.2	66.4	7.8	73.2	8.6	82.1	9.7	57.6	6.8	139.7	16.5	80.5	9.5	3.4	0.4	156.1	18.4	156.7	18.5	0	0
Finland	790.9	100	168.2	21.3	76.1	9.6	95.6	12.1	129.8	16.4	74.6	9.4	204.3	25.8	26.1	3.3	4.8	0.6	140.6	17.8	75.1	9.5	0	0
France (20 of 26 regions) §	1055.4	100	222.7	21.1	73.4	7.0	104.0	9.9					146.8	13.9	150.4	14.3	12.2	1.2	197.7	18.7	118.2	11.2	30.0	2.8
Greece	1080.0	100	204.1	18.9	76.1	7.0	82.5	7.6	22.0	2.0	179.0	16.6	201.0	18.6	104.7	9.7	20.6	1.9	93.6	8.7	297.4	27.5	0	0
Iceland	597.4	100	144.6	24.2	66.0	11.1	50.3	8.4	28.3	4.7	22.0	3.7	50.3	8.4	91.2	15.3	22.0	3.7	135.2	22.6	37.7	6.3	0	0
Italy (8 of 20 regions) † #	1064.6	100	210.2	19.7	75.6	7.1	90.8	8.5					130.0	12.2	146.4	13.8	37.9	3.6	144.7	13.6	226.0	21.2	2.9	0.3
Norway	858.0	100	254.0	29.6	75.5	8.8	92.7	10.8					105.3	12.3	144.2	16.8	4.7	0.5	160.1	18.7	21.5	2.5	0	0
Romania ¶	563.7	100	130.9	23.2	79.1	14.0	38.5	6.8					55.6	9.9	30.7	5.4	4.3	0.8	61.4	10.9	163.2	29.0	0	0
Spain, Andalusia	1019.1	100	219.0	21.5	117.2	11.5	96.1	9.4					136.0	13.3	86.6	8.5	30.8	3.0	123.7	12.1	209.7	20.6	0	0
Spain, Aragon	1099.0	100	194.5	17.7	69.8	6.4	91.3	8.3	75.7	6.9	107.7	9.8	183.4	16.7	102.5	9.3	34.9	3.2	153.7	14.0	268.8	24.5	0	0
Spain, Asturias	993.2	100	185.4	18.7	71.9	7.2	111.6	11.2	55.3	5.6	91.3	9.2	146.6	14.8	137.4	13.8	18.4	1.9	155.9	15.7	166.0	16.7	0	0
Spain, Basque country	1052.5	100	257.2	24.4	120.6	11.5	116.0	11.0	38.5	3.7	66.9	6.4	105.4	10.0	101.3	9.6	45.8	4.4	154.5	14.7	151.7	14.4	0	0
Spain, Canary Islands	1148.1	100											390.5	34.0							757.5	66.0	0	0
Spain, Cantabria *	901.0	100	291.9	32.4	81.0	9.0	87.7	9.7	35.4	3.9	70.9	7.9	106.3	11.8	99.5	11.0	86.0	9.6	104.6	11.6	43.9	4.9	0	0
Spain, Castile and León *	1019.5	100	172.7	16.9	64.5	6.3	76.6	7.5	65.7	6.4	91.1	8.9	156.7	15.4	108.6	10.7	17.2	1.7	114.9	11.3	308.3	30.2	0	0
Spain, Castile-La Mancha *	965.9	100	200.3	20.7	122.5	12.7	100.1	10.4					142.9	14.8	59.3	6.1	7.6	0.8	104.9	10.9	228.3	23.6	0	0
Spain, Catalonia	1188.4	100	250.8	21.1	133.8	11.3	121.5	10.2	32.9	2.8	123.8	10.4	157.7	13.3	106.8	9.0	39.9	3.4	125.8	10.6	252.1	21.2	0	0
Spain, Extremadura	998.8	100	221.1	22.1	82.1	8.2	92.0	9.2					139.0	13.9	46.0	4.6	13.5	1.4	111.9	11.2	293.2	29.4	0	0
Spain, Galicia	1130.0	100	201.7	17.8	89.4	7.9	112.3	9.9	42.9	3.8	137.3	12.2	180.2	15.9	90.1	8.0	34.7	3.1	157.3	13.9	264.3	23.4	0	0
Spain, Valencian region	1130.3	100	229.7	20.3	121.5	10.7	98.4	8.7					130.7	11.6	151.6	13.4	41.7	3.7	128.1	11.3	228.7	20.2	0	0
Sweden	909.0	100	232.7	25.6	56.3	6.2	90.3	9.9					165.6	18.2	68.1	7.5	36.5	4.0	174.9	19.2	84.7	9.3	0	0
The Netherlands	925.8	100	157.2	17.0	76.6	8.3	75.4	8.1	36.8	4.0	63.8	6.9	100.6	10.9	93.0	10.1	58.8	6.4	158.8	17.1	102.6	11.1	102.9	11.1
United Kingdom, All countries *	820.5	100	153.5	18.7	92.5	11.3	74.4	9.1					119.1	14.5	46.9	5.7	19.3	2.3	132.9	16.2	146.4	17.8	35.5	4.3
United Kingdom, England *	817.0	100	147.1	18.0	87.6	10.7	71.6	8.8					118.7	14.5	49.2	6.0	18.0	2.2	132.8	16.3	150.3	18.4	41.8	5.1
United Kingdom, Northern Ireland *	830.1	100	159.5	19.2	127.8	15.4	97.2	11.7					123.4	14.9	27.8	3.3	18.9	2.3	167.8	20.2	105.6	12.7	2.2	0.3
United Kingdom, Scotland	849.1	100	188.4	22.2	130.0	15.3	92.3	10.9					116.8	13.8	35.8	4.2	24.3	2.9	144.4	17.0	116.2	13.7	0.8	0.1
United Kingdom, Wales *	857.5	100	204.2	23.8	95.1	11.1	77.8	9.1					128.7	15.0	38.9	4.5	33.6	3.9	114.4	13.3	158.3	18.5	6.3	0.7

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 or a limited number of cases (<10%) with diabetes mellitus type unknown

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

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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
					Type I	Type II	Both					
					Pmp	Pmp	Pmp					
Austria	958.8	225.5	74.2	61.6	51.9	150.4	202.3	65.8	64.6	171.7	93.0	0
Belgium, Dutch-speaking *	1069.4	196.2	88.0	103.1	49.1	142.5	191.6	69.6	88.3	235.4	97.2	0
Belgium, French-speaking *	1262.0	229.1	123.2	100.0	38.3	176.3	214.6	164.6	46.4	304.4	79.7	0
Denmark	836.5	169.6	66.7	69.4	80.2	55.8	135.9	78.8	3.4	156.8	155.8	0
Finland	752.5	159.1	73.4	85.9	127.9	67.5	195.3	24.5	4.6	137.7	71.9	0
France (20 of 26 regions) §	1024.0	222.2	73.7	101.3			141.1	134.4	11.1	197.5	112.9	29.9
Greece	977.3	191.9	70.2	76.4	21.3	156.1	177.5	91.1	17.9	87.5	264.8	0
Iceland	679.2	161.0	73.3	63.8	30.8	27.5	58.2	108.6	28.7	138.0	47.5	0
Italy (8 of 20 regions) † #	921.0	189.8	66.4	80.7			110.2	117.6	29.8	129.9	194.1	2.5
Norway	888.4	260.6	78.5	97.1			108.7	150.9	4.9	165.7	22.1	0
Romania ¶	574.0	131.1	80.2	39.0			56.8	32.3	4.6	62.6	167.3	0
Spain, Andalusia	1067.2	225.2	121.4	103.9			145.2	92.5	32.9	126.2	219.8	0
Spain, Aragon	1005.5	180.3	64.1	86.7	71.1	96.3	167.4	83.9	29.4	142.3	251.1	0
Spain, Asturias	842.4	161.1	64.8	95.2	49.0	76.3	125.4	105.9	13.5	140.9	135.6	0
Spain, Basque country	959.1	237.6	111.4	104.4	35.3	59.5	94.8	87.6	40.1	146.3	136.9	0
Spain, Canary Islands	1209.9						427.1				782.8	0
Spain, Cantabria *	838.0	270.3	74.5	83.0	34.3	68.7	102.9	89.1	77.9	100.0	40.1	0
Spain, Castile and León *	864.0	154.3	56.0	69.5	58.2	70.3	128.5	81.2	11.6	99.1	263.6	0
Spain, Castile-La Mancha *	976.0	207.5	121.3	107.7			146.5	57.8	6.2	105.3	223.8	0
Spain, Catalonia	1188.3	251.3	132.2	125.6	32.5	125.9	159.6	105.3	39.6	125.6	249.1	0
Spain, Extremadura	955.9	215.8	78.9	92.0			130.5	41.1	12.1	108.2	277.3	0
Spain, Galicia	983.9	185.9	79.5	99.6	41.0	112.0	152.9	72.2	26.9	143.8	223.1	0
Spain, Valencian region	1111.5	226.8	119.3	99.1			128.9	146.8	40.3	126.4	223.8	0
Sweden	875.7	227.2	55.0	85.5			160.0	61.4	33.1	172.5	81.0	0
The Netherlands	921.1	154.1	76.8	73.1	35.9	63.6	99.4	92.9	60.3	159.0	104.0	101.6
United Kingdom, All countries *	828.6	155.7	93.9	75.0			120.7	46.9	18.7	135.1	146.8	35.6
United Kingdom, England *	827.1	149.4	88.9	72.8			120.8	49.4	17.5	135.1	151.2	42.0
United Kingdom, Northern Ireland *	903.1	172.4	137.4	105.4			134.8	30.8	21.7	183.2	115.0	2.4
United Kingdom, Scotland	841.2	187.3	130.2	88.4			115.8	34.6	23.8	145.4	115.2	0.7
United Kingdom, Wales *	831.6	201.9	97.8	74.0			123.1	37.0	28.7	112.5	150.4	6.1

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 or a limited number of cases (<10%) with diabetes mellitus type unknown

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

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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			
																		N
Austria	8355	2888	1	0	3	980	3872	158	225	1	384	547	3550	2	4099	0	0	
Belgium, Dutch-speaking *	7322	2132	16	315	6	1457	3926	265	130	3	398	122	2480	396	2998	0	0	
Belgium, French-speaking *	5712	2573	47	0	18	453	3091	189	103	0	292	127	1749	453	2329	0	0	
Denmark	4745	1919	123	0			2042	359	191	0	550	722	1399	9	2130	23	0	
Finland	4242	1141	69	0	0	201	1411	188	132	0	320	175	2331	5	2511	0	0	
France (20 of 26 regions) §	49348	21768	210	49	48	3669	25744	892	1246	1	2139	1069	19496	545	21110	319	36	
Greece	12212	7068	1	0	6	1973	9048	436	319	0	755	1060	1349	0	2409	0	0	
Iceland	190	59	1	0			60			12	12	84	34	0	118	0	0	
Italy (8 of 20 regions) † #	16595	6759	0	2286	589	949	10583	590	618	0	1208	269	4506	23	4798	6	0	
Norway	4195	992	8	0			1000				220	220	1330	1640	5	2975	0	0
Romania ¶	12085	9679	0	2	3	23	9707	24	1501	0	1525	114	82	657	853	0	0	
Spain, Andalusia	8558	4096	6	0			4102			361	361			4095	4095	0	0	
Spain, Aragon	1480	632	4	0			636	12	27	0	39	23	781	0	804	1	0	
Spain, Asturias	1077	405	1	0			406	10	53	0	63	9	599	0	608	0	0	
Spain, Basque country	2296	747	2	0			749	0	187	0	187	0	1360	0	1360	0	0	
Spain, Canary Islands	2437	1268	0	0			1268	0	132	0	132	0	1036	0	1036	1	0	
Spain, Cantabria *	534	190	0	0			190	9	31	0	40	10	294	0	304	0	0	
Spain, Castile and León *	2609	1097	3	0			1100	84	78	0	162	0	1325	0	1325	22	0	
Spain, Castile-La Mancha *	2035	856	1	0			857	18	77	0	95			1074	1074	9	0	
Spain, Catalonia	8928	2906	4	0		1060	3970	160	197	0	357	541	4060	0	4601	0	0	
Spain, Extremadura	1107	555	1	0	0	4	560	20	45	0	65	2	100	380	482	0	0	
Spain, Galicia	3160	1436	9	0			1445	107	171	0	278	65	1338	34	1437	0	0	
Spain, Valencian region	5778	3202	12	0			3214	56	185	0	241	12	1333	978	2323	0	0	
Sweden	8525		104	2826			2930				848	848	1985	2761	0	4746	1	0
The Netherlands	15383	5052	170	0			5222	552	583	0	1135	3404	5613	8	9025	1	0	
United Kingdom, All countries * //	51087	21408	645	206	15	696	22970	1776	2110	74	3960	4271	13670	5294	23235	922	0	
United Kingdom, England *	42675	17802	551	167	12	683	19215	1500	1830	62	3392	3512	10753	4901	19166	902	0	
United Kingdom, Northern Ireland *	1494	695	0	34	3	12	744	53	7	9	69	78	264	338	680	1	0	
United Kingdom, Scotland	4434	1856	53	0			1909	190	102	0	292	560	1628	37	2225	8	0	
United Kingdom, Wales * ‡	2578	1066	41	5	0	1	1113	43	172	3	218	154	1062	20	1236	11	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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‡ 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	995.9	344.2	0.1	0	0.4	116.8	461.5	18.8	26.8	0.1	45.8	65.2	423.1	0.2	488.6	0	0
Belgium, Dutch-speaking *	1166.1	339.5	2.5	50.2	1.0	232.0	625.2	42.2	20.7	0.5	63.4	19.4	394.9	63.1	477.4	0	0
Belgium, French-speaking *	1237.4	557.4	10.2	0	3.9	98.1	669.6	40.9	22.3	0	63.3	27.5	378.9	98.1	504.5	0	0
Denmark	846.7	342.4	21.9	0			364.4	64.1	34.1	0	98.1	128.8	249.6	1.6	380.1	4.1	0
Finland	790.9	212.7	12.9	0	0	37.5	263.1	35.1	24.6	0	59.7	32.6	434.6	0.9	468.2	0	0
France (20 of 26 regions) §	1055.4	465.5	4.5	1.0	1.0	78.5	550.6	19.1	26.6	0	45.7	22.9	417.0	11.7	451.5	6.8	0.8
Greece	1080.0	625.1	0.1	0	0.5	174.5	800.2	38.6	28.2	0	66.8	93.7	119.3	0	213.0	0	0
Iceland	597.4	185.5	3.1	0			188.7			37.7	37.7	264.1	106.9	0	371.0	0	0
Italy (8 of 20 regions) † #	1064.6	433.6	0	146.7	37.8	60.9	678.9	37.9	39.6	0	77.5	17.3	289.1	1.5	307.8	0.4	0
Norway	858.0	202.9	1.6	0			204.5			45.0	45.0	272.0	335.4	1.0	608.5	0	0
Romania ¶	563.7	451.5	0	0.1	0.1	1.1	452.8	1.1	70.0	0	71.1	5.3	3.8	30.6	39.8	0	0
Spain, Andalusia	1019.1	487.8	0.7	0			488.5			43.0	43.0			487.6	487.6	0	0
Spain, Aragon	1099.0	469.3	3.0	0			472.3	8.9	20.0	0	29.0	17.1	579.9	0	597.0	0.7	0
Spain, Asturias	993.2	373.5	0.9	0			374.4	9.2	48.9	0	58.1	8.3	552.4	0	560.7	0	0
Spain, Basque country	1052.5	342.4	0.9	0			343.3	0	85.7	0	85.7	0	623.4	0	623.4	0	0
Spain, Canary Islands	1148.1	597.4	0	0			597.4	0	62.2	0	62.2	0	488.1	0	488.1	0.5	0
Spain, Cantabria *	901.0	320.6	0	0			320.6	15.2	52.3	0	67.5	16.9	496.0	0	512.9	0	0
Spain, Castile and León *	1019.5	428.7	1.2	0			429.9	32.8	30.5	0	63.3	0	517.8	0	517.8	8.6	0
Spain, Castile-La Mancha *	965.9	406.3	0.5	0			406.8	8.5	36.5	0	45.1			509.8	509.8	4.3	0
Spain, Catalonia	1188.4	386.8	0.5	0		141.1	528.5	21.3	26.2	0	47.5	72.0	540.4	0	612.5	0	0
Spain, Extremadura	998.8	500.8	0.9	0	0	3.6	505.3	18.0	40.6	0	58.6	1.8	90.2	342.9	434.9	0	0
Spain, Galicia	1130.0	513.5	3.2	0			516.7	38.3	61.1	0	99.4	23.2	478.4	12.2	513.8	0	0
Spain, Valencian region	1130.3	626.4	2.3	0			628.8	11.0	36.2	0	47.1	2.3	260.8	191.3	454.4	0	0
Sweden	909.0		11.1	301.3			312.4			90.4	90.4	211.7	294.4	0	506.1	0.1	0
The Netherlands	925.8	304.1	10.2	0			314.3	33.2	35.1	0	68.3	204.9	337.8	0.5	543.2	0.1	0
United Kingdom, All countries * //	820.5	343.8	10.4	3.3	0.2	11.2	368.9	28.5	33.9	1.2	63.6	68.6	219.6	85.0	373.2	14.8	0
United Kingdom, England *	817.0	340.8	10.5	3.2	0.2	13.1	367.9	28.7	35.0	1.2	64.9	67.2	205.9	93.8	366.9	17.3	0
United Kingdom, Northern Ireland *	830.1	386.2	0	18.9	1.7	6.7	413.4	29.4	3.9	5.0	38.3	43.3	146.7	187.8	377.8	0.6	0
United Kingdom, Scotland	849.1	355.4	10.1	0			365.5	36.4	19.5	0	55.9	107.2	311.7	7.1	426.1	1.5	0
United Kingdom, Wales * ‡	857.5	354.6	13.6	1.7	0	0.3	370.2	14.3	57.2	1.0	72.5	51.2	353.3	6.7	411.1	3.7	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

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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

	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	958.8	331.3	0.1	0	0.3	111.9	443.7	18.3	25.8	0.1	44.2	64.1	406.7	0.2	471.0	0	0
Belgium, Dutch-speaking *	1069.4	301.1	2.5	45.1	0.9	205.7	555.3	39.6	19.0	0.4	59.0	19.9	376.3	59.0	455.2	0	0
Belgium, French-speaking *	1262.0	558.0	10.5	0	3.8	100.4	672.6	42.3	22.4	0	64.6	28.3	395.0	101.5	524.7	0	0
Denmark	836.5	339.8	21.6	0			361.4	62.3	33.5	0	95.8	130.3	243.4	1.6	375.3	4.0	0
Finland	752.5	200.9	12.6	0	0	35.1	248.6	33.5	23.3	0	56.8	32.0	414.2	0.9	447.1	0	0
France (20 of 26 regions) §	1024.0	437.5	4.5	1.0	0.9	73.1	517.0	18.5	23.5	0	42.1	24.0	421.8	11.6	457.4	6.8	0.8
Greece	977.3	549.7	0.1	0	0.5	159.3	709.6	35.4	25.2	0	60.6	92.1	114.9	0	207.0	0	0
Iceland	679.2	227.4	3.2	0			230.7			42.3	42.3	289.6	116.6	0	406.2	0	0
Italy (8 of 20 regions) † #	921.0	360.5	0	122.8	32.1	51.0	566.4	33.8	33.4	0	67.2	16.9	268.9	1.3	287.1	0.3	0
Norway	888.4	211.3	1.7	0			213.0			47.8	47.8	278.5	348.1	1.0	627.7	0	0
Romania ¶	574.0	461.2	0	0.1	0.1	1.1	462.5	1.2	71.4	0	72.6	5.0	3.7	30.1	38.9	0	0
Spain, Andalusia	1067.2	516.9	0.7	0			517.6			44.9	44.9		504.7	504.7	504.7	0	0
Spain, Aragon	1005.5	402.8	2.8	0			405.6	8.3	19.5	0	27.8	17.0	554.3	0	571.3	0.7	0
Spain, Asturias	842.4	295.4	1.0	0			296.4	7.5	43.4	0	50.9	7.8	487.3	0	495.1	0	0
Spain, Basque country	959.1	299.7	0.8	0			300.5	0	78.8	0	78.8	0	579.8	0	579.8	0	0
Spain, Canary Islands	1209.9	660.7	0	0			660.7	0	65.4	0	65.4	0	483.3	0	483.3	0.5	0
Spain, Cantabria *	838.0	289.0	0	0			289.0	14.3	48.8	0	63.1	16.4	469.5	0	485.9	0	0
Spain, Castile and León *	864.0	329.1	1.1	0			330.2	28.0	24.7	0	52.8	0	475.3	0	475.3	5.8	0
Spain, Castile-La Mancha *	976.0	391.3	0.5	0			391.8	8.5	37.0	0	45.5		534.3	534.3	534.3	4.4	0
Spain, Catalonia	1188.3	379.1	0.6	0		139.9	519.6	21.4	26.2	0	47.6	69.8	551.3	0	621.1	0	0
Spain, Extremadura	955.9	460.8	0.9	0	0	3.7	465.5	17.3	39.4	0	56.8	1.8	91.4	340.4	433.6	0	0
Spain, Galicia	983.9	415.9	2.9	0			418.8	36.0	52.5	0	88.6	23.1	441.5	11.9	476.5	0	0
Spain, Valencian region	1111.5	611.2	2.3	0			613.5	10.9	35.4	0	46.4	2.3	258.6	190.7	451.7	0	0
Sweden	875.7		11.0	281.3			292.2			85.6	85.6	212.6	285.2	0	497.8	0.1	0
The Netherlands	921.1	310.4	9.9	0			320.3	33.1	35.3	0	68.4	201.3	330.6	0.5	532.4	0.1	0
United Kingdom, All countries * //	828.6	343.1	10.6	3.3	0.2	11.2	368.5	28.8	33.9	1.2	63.9	70.5	223.7	86.8	381.1	15.2	0
United Kingdom, England *	827.1	341.2	10.8	3.2	0.2	13.2	368.6	29.0	35.2	1.2	65.4	69.1	210.2	96.0	375.3	17.7	0
United Kingdom, Northern Ireland *	903.1	424.9	0	21.0	1.8	7.5	455.3	32.2	4.4	5.4	42.0	46.0	157.4	201.8	405.3	0.6	0
United Kingdom, Scotland	841.2	348.8	9.8	0			358.6	36.3	19.0	0	55.3	109.0	309.6	7.2	425.8	1.5	0
United Kingdom, Wales * ‡	831.6	326.5	14.3	1.4	0	0.3	342.6	13.8	53.6	1.0	68.4	53.4	357.0	6.9	417.3	3.4	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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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	34.6	0	0	0	11.7	46.3	1.9	2.7	0	4.6	6.5	42.5	0	49.1	0	0
Belgium, Dutch-speaking *	100	29.1	0.2	4.3	0.1	19.9	53.6	3.6	1.8	0	5.4	1.7	33.9	5.4	40.9	0	0
Belgium, French-speaking *	100	45.0	0.8	0	0.3	7.9	54.1	3.3	1.8	0	5.1	2.2	30.6	7.9	40.8	0	0
Denmark	100	40.4	2.6	0			43.0	7.6	4.0	0	11.6	15.2	29.5	0.2	44.9	0.5	0
Finland	100	26.9	1.6	0	0	4.7	33.3	4.4	3.1	0	7.5	4.1	55.0	0.1	59.2	0	0
France (20 of 26 regions) §	100	44.1	0.4	0.1	0.1	7.4	52.2	1.8	2.5	0	4.3	2.2	39.5	1.1	42.8	0.6	0.1
Greece	100	57.9	0	0	0	16.2	74.1	3.6	2.6	0	6.2	8.7	11.0	0	19.7	0	0
Iceland	100	31.1	0.5	0			31.6			6.3	6.3	44.2	17.9	0	62.1	0	0
Italy (8 of 20 regions) † #	100	40.7	0	13.8	3.5	5.7	63.8	3.6	3.7	0	7.3	1.6	27.2	0.1	28.9	0	0
Norway	100	23.6	0.2	0			23.8			5.2	5.2	31.7	39.1	0.1	70.9	0	0
Romania ¶	100	80.1	0	0	0	0.2	80.3	0.2	12.4	0	12.6	0.9	0.7	5.4	7.1	0	0
Spain, Andalusia	100	47.9	0.1	0			47.9			4.2	4.2			47.8	47.8	0	0
Spain, Aragon	100	42.7	0.3	0			43.0	0.8	1.8	0	2.6	1.6	52.8	0	54.3	0.1	0
Spain, Asturias	100	37.6	0.1	0			37.7	0.9	4.9	0	5.8	0.8	55.6	0	56.5	0	0
Spain, Basque country	100	32.5	0.1	0			32.6	0	8.1	0	8.1	0	59.2	0	59.2	0	0
Spain, Canary Islands	100	52.0	0	0			52.0	0	5.4	0	5.4	0	42.5	0	42.5	0	0
Spain, Cantabria *	100	35.6	0	0			35.6	1.7	5.8	0	7.5	1.9	55.1	0	56.9	0	0
Spain, Castile and León *	100	42.0	0.1	0			42.2	3.2	3.0	0	6.2	0	50.8	0	50.8	0.8	0
Spain, Castile-La Mancha *	100	42.1	0	0			42.1	0.9	3.8	0	4.7			52.8	52.8	0.4	0
Spain, Catalonia	100	32.5	0	0		11.9	44.5	1.8	2.2	0	4.0	6.1	45.5	0	51.5	0	0
Spain, Extremadura	100	50.1	0.1	0	0	0.4	50.6	1.8	4.1	0	5.9	0.2	9.0	34.3	43.5	0	0
Spain, Galicia	100	45.4	0.3	0			45.7	3.4	5.4	0	8.8	2.1	42.3	1.1	45.5	0	0
Spain, Valencian region	100	55.4	0.2	0			55.6	1.0	3.2	0	4.2	0.2	23.1	16.9	40.2	0	0
Sweden	100		1.2	33.1			34.4			9.9	9.9	23.3	32.4	0	55.7	0	0
The Netherlands	100	32.8	1.1	0			33.9	3.6	3.8	0	7.4	22.1	36.5	0.1	58.7	0	0
United Kingdom, All countries *	100	41.9	1.3	0.4	0	1.4	45.0	3.5	4.1	0.1	7.8	8.4	26.8	10.4	45.5	1.8	0
United Kingdom, England *	100	41.7	1.3	0.4	0	1.6	45.0	3.5	4.3	0.1	7.9	8.2	25.2	11.5	44.9	2.1	0
United Kingdom, Northern Ireland *	100	46.5	0	2.3	0.2	0.8	49.8	3.5	0.5	0.6	4.6	5.2	17.7	22.6	45.5	0.1	0
United Kingdom, Scotland	100	41.9	1.2	0			43.1	4.3	2.3	0	6.6	12.6	36.7	0.8	50.2	0.2	0
United Kingdom, Wales * ‡	100	41.3	1.6	0.2	0	0	43.2	1.7	6.7	0.1	8.5	6.0	41.2	0.8	47.9	0.4	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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

The overall prevalence of RRT is underestimated by approximately 11% due to an estimated 25-30% underreporting of patients living on a functioning graft

¶ The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 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.4.10
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	35	5	49	12	7	7	83	3	19	5	66	9	26	5	57	12	40	5	43	12	66	3	17	13	33	5	50	13	37	5	47	11	47	3	33	16	31	5	53	11
Belgium, Dutch-speaking *	34	5	41	20					19	8	62	10	20	6	62	13	35	5	40	21	55	4	10	31	32	6	41	20	36	5	40	19	39	5	24	32	32	6	45	17
Belgium, French-speaking *	46	5	41	8					29	5	61	5	36	5	54	6	44	5	41	10	72	6	10	12	45	5	41	9	48	5	40	8	59	7	22	12	43	5	44	8
Denmark	43	12	45	0	3	4	92	0	25	7	68	1	35	11	53	1	54	16	30	0	79	16	5	0	44	11	44	1	42	12	46	0	53	15	32	1	41	11	48	0
Finland	29	8	59	5	7	6	87	0	18	8	71	3	20	8	68	4	36	7	51	6	64	8	21	7	30	8	57	5	27	7	62	4	32	12	49	7	27	6	63	4
France (20 of 26 regions) §	45	4	43	8	12	7	76	5	26	3	67	4	33	3	58	6	50	4	36	10	71	8	8	13	44	4	44	8	45	5	41	8	62	6	19	13	42	4	47	7
Greece	58	6	20	16	28	22	46	4	32	6	46	16	45	6	29	20	66	7	10	17	82	5	1	12	56	6	20	18	61	7	19	13	71	8	4	17	55	6	23	16
Iceland	32	6	62	0	20	0	80	0	17	4	79	0	23	6	71	0	44	3	53	0	69	19	12	0	36	8	56	0	26	4	70	0	69	0	31	0	28	7	65	0
Italy (8 of 20 regions) † #	55	7	29	9	16	23	61	0	32	7	55	6	42	7	43	8	61	7	21	10	77	7	3	13	54	7	29	9	55	8	28	9	68	9	11	13	53	7	31	9
Norway	24	5	71	0	3	3	95	0	13	3	84	0	17	3	80	0	27	6	67	0	53	13	34	0	25	5	71	0	22	6	72	0	34	8	58	0	22	5	73	0
Romania ¶	80	13	7	0	57	24	19	0	70	11	19	0	82	12	6	0	85	14	1	0	84	16	0	0	80	12	8	0	80	14	6	0	80	17	3	0	80	12	8	0
Spain, Andalusia	48	4	48	0	16	2	82	0	29	4	67	0	37	4	59	0	56	4	40	0	87	5	8	0	47	4	49	0	49	5	46	0	67	5	28	0	45	4	51	0
Spain, Aragon	43	3	54	0	30	0	70	0	24	3	72	0	29	3	67	0	44	3	53	0	75	1	24	0	43	2	55	0	44	3	53	0	66	3	32	0	38	3	59	0
Spain, Asturias	38	6	56	0	17	17	67	0	23	11	66	0	27	5	67	0	36	5	59	0	68	4	28	0	38	4	58	0	38	9	53	0	46	9	45	0	36	5	58	0
Spain, Basque country	33	8	59	0	16	9	75	0	19	8	72	0	23	7	70	0	34	9	56	0	67	8	25	0	33	9	58	0	31	7	61	0	56	11	33	0	30	8	62	0
Spain, Canary Islands	52	5	43	0	11	11	78	0	29	6	64	0	43	5	53	0	59	7	34	0	88	4	7	0	51	5	44	0	55	6	40	0	62	7	31	0	47	5	48	0
Spain, Cantabria *	36	7	57	0					19	6	75	0	24	7	69	0	40	7	53	0	73	9	18	0	37	7	56	0	33	8	58	0	49	6	44	0	34	8	59	0
Spain, Castile and León *	42	6	51	1					25	8	67	1	26	5	69	0	43	6	51	0	75	7	16	2	43	6	50	1	40	7	53	1	61	10	28	1	39	6	55	1
Spain, Castile-La Mancha *	42	5	53	0					23	8	69	0	29	4	66	0	44	4	51	1	77	3	19	0	43	5	52	1	41	5	54	0	66	4	30	0	38	5	57	1
Spain, Catalonia	33	4	52	12	8	4	88	0	17	5	72	7	23	4	63	9	33	4	49	14	60	3	19	18	32	4	51	13	33	4	52	10	49	5	26	21	30	4	55	11
Spain, Extremadura	50	6	44	0	25	0	75	0	33	8	58	0	36	8	55	1	60	3	37	0	86	4	11	0	48	7	44	1	53	4	42	0	74	8	17	1	46	5	48	0
Spain, Galicia	46	9	45	0	0	31	69	0	26	10	64	0	32	9	59	0	51	7	42	0	82	8	10	0	46	9	45	0	45	8	46	0	67	9	24	0	42	9	50	0
Spain, Valencian region	56	4	40	0	9	11	80	0	34	5	61	0	43	5	53	0	60	3	37	0	90	3	6	0	56	4	39	0	54	4	42	0	76	5	19	0	53	4	43	0
Sweden	34	10	56	0	8	9	83	0	18	6	76	0	25	7	68	0	40	13	47	0	71	17	12	0	35	10	55	0	33	9	57	0	45	13	42	0	32	9	59	0
The Netherlands	34	7	59	0	10	9	81	0	19	6	75	0	24	7	69	0	37	8	55	0	71	9	20	0	34	7	59	0	34	8	59	0	54	10	36	0	32	7	61	0
United Kingdom, All countries *	44	8	45	3					26	6	65	3	35	7	55	3	55	9	32	3	79	9	9	3	44	8	46	3	43	8	45	3	59	10	27	4	41	7	49	3
United Kingdom, England *	43	8	45	4					26	6	64	4	35	8	54	4	54	9	32	4	78	9	9	3	44	8	45	4	43	8	45	4	58	10	27	5	41	8	48	4
United Kingdom, Northern Ireland *	49	5	46	1					28	5	66	1	37	4	57	1	64	5	30	0	83	4	11	2	48	4	47	1	51	6	43	1	73	5	22	0	45	4	50	1
United Kingdom, Scotland	43	7	50	0	12	12	77	0	27	6	67	0	36	6	58	0	57	9	35	0	83	7	10	0	42	7	51	0	44	7	49	0	62	7	31	0	40	6	53	0
United Kingdom, Wales *	43	8	48	0					24	7	69	0	30	8	61	1	57	11	32	0	80	10	11	0	43	8	48	1	43	10	47	0	57	10	33	0	41	8	51	1

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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

The overall prevalence of RRT is underestimated by approximately 11% due to an estimated 25-30% underreporting of patients living on a functioning graft

¶ The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft

Table A.5.1
Renal transplants performed in 2010, 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 //	407	100	38	9.3	22	5.4	0	0	60	14.7	347	85.3	0	0
Belgium, Dutch-speaking *	231	100	7	3.0	10	4.3	0	0	17	7.4	213	92.2	1	0.4
Belgium, French-speaking *	173	100	10	5.8	6	3.5	0	0	16	9.2	155	89.6	2	1.2
Denmark	230	100	69	30.0	32	13.9	0	0	101	43.9	128	55.7	1	0.4
Finland	174	100	11	6.3	0	0	0	0	11	6.3	163	93.7	0	0
France (20 of 26 regions) §	1956	100	0	0	0	0	131	6.7	131	6.7	1820	93.0	5	0.3
Greece	125	100	41	32.8	3	2.4	0	0	44	35.2	81	64.8	0	0
Iceland	5	100	4	80.0	0	0	1	20.0	5	100	0	0	0	0
Italy (8 of 20 regions) †	377	100	22	5.8	6	1.6	0	0	28	7.4	346	91.8	3	0.8
Norway	263	100	56	21.3	27	10.3	0	0	83	31.6	180	68.4	0	0
Romania ¶	131	100	26	19.8	8	6.1	12	9.2	46	35.1	50	38.2	35	26.7
Spain, Andalusia	339	100											339	100
Spain, Aragon	66	100					5	7.6	5	7.6	61	92.4	0	0
Spain, Asturias	44	100	4	9.1	0	0	0	0	4	9.1	40	90.9	0	0
Spain, Basque country	123	100					0	0	0	0	123	100	0	0
Spain, Canary Islands	100	100	0	0	0	0	0	0	0	0	100	100	0	0
Spain, Cantabria *	43	100	1	2.3	1	2.3	0	0	2	4.7	41	95.3	0	0
Spain, Castile and León *	107	100	0	0	0	0	0	0	0	0	107	100	0	0
Spain, Castile-La Mancha *	83	100											83	100
Spain, Catalonia	462	100	126	27.3	0	0	0	0	126	27.3	336	72.7	0	0
Spain, Extremadura	43	100	0	0	0	0	0	0	0	0	33	76.7	10	23.3
Spain, Galicia	130	100	0	0	0	0	19	14.6	19	14.6	111	85.4	0	0
Spain, Valencian region	203	100	4	2.0	0	0	1	0.5	5	2.5	198	97.5	0	0
Sweden	369	100	82	22.2	89	24.1	0	0	171	46.3	198	53.7	0	0
The Netherlands	878	100					468	53.3	468	53.3	409	46.6	1	0.1
United Kingdom, All countries ‡	2717	100	664	24.4	362	13.3	0	0	1026	37.8	1691	62.2	0	0
United Kingdom, England ‡	2293	100	567	24.7	327	14.3	0	0	894	39.0	1399	61.0	0	0
United Kingdom, Northern Ireland ‡	99	100	36	36.4	5	5.1	0	0	41	41.4	58	58.6	0	0
United Kingdom, Scotland ‡	171	100	37	21.6	15	8.8	0	0	52	30.4	119	69.6	0	0
United Kingdom, Wales ‡	154	100	24	15.6	15	9.7	0	0	39	25.3	115	74.7	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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

¶ The transplantation activity reflects 70% of the total transplantation activity in the country, because there is an underreporting of preemptive transplantations

‡ Data from NHS Blood and Transplant

Table A.5.2
Renal transplants performed in 2010, per million population
by donor type

	Total	Living				Deceased	Donor type Unkn
		Related	Unrelated	Type Unkn	All		
		Pmp	Pmp	Pmp	Pmp		
Austria //	44.7	4.1	2.5	0	6.6	38.1	0
Belgium, Dutch-speaking *	36.8	1.1	1.6	0	2.7	33.9	0.2
Belgium, French-speaking *	37.5	2.2	1.3	0	3.5	33.6	0.4
Denmark	41.0	12.3	5.7	0	18.0	22.8	0.2
Finland	32.4	2.1	0	0	2.1	30.4	0
France (20 of 26 regions) §	41.8	0	0	2.8	2.8	38.9	0.1
Greece	11.1	3.6	0.3	0	3.9	7.2	0
Iceland	15.7	12.6	0	3.1	15.7	0	0
Italy (8 of 20 regions) †	24.2	1.4	0.4	0	1.8	22.2	0.2
Norway	53.8	11.5	5.5	0	17.0	36.8	0
Romania ¶	6.1	1.2	0.4	0.6	2.1	2.3	1.6
Spain, Andalusia	40.4						40.4
Spain, Aragon	49.0			3.7	3.7	45.3	0
Spain, Asturias	40.6	3.7	0	0	3.7	36.9	0
Spain, Basque country	56.4			0	0	56.4	0
Spain, Canary Islands	47.1	0	0	0	0	47.1	0
Spain, Cantabria *	72.6	1.7	1.7	0	3.4	69.2	0
Spain, Castile and León *	41.8	0	0	0	0	41.8	0
Spain, Castile-La Mancha *	39.4						39.4
Spain, Catalonia	61.5	16.8	0	0	16.8	44.7	0
Spain, Extremadura	38.8	0	0	0	0	29.8	9.0
Spain, Galicia	46.5	0	0	6.8	6.8	39.7	0
Spain, Valencian region	39.7	0.8	0	0.2	1.0	38.7	0
Sweden	39.3	8.7	9.5	0	18.2	21.1	0
The Netherlands	52.8			28.2	28.2	24.6	0.1
United Kingdom, All countries ‡	43.6	10.7	5.8	0	16.5	27.2	0
United Kingdom, England ‡	43.9	10.9	6.3	0	17.1	26.8	0
United Kingdom, Northern Ireland ‡	55.0	20.0	2.8	0	22.8	32.2	0
United Kingdom, Scotland ‡	32.7	7.1	2.9	0	10.0	22.8	0
United Kingdom, Wales ‡	51.2	8.0	5.0	0	13.0	38.3	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, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

¶ The transplantation activity reflects 70% of the total transplantation activity in the country, because there is an underreporting of preemptive transplantations

‡ Data from NHS Blood and Transplant

Table A.6.1

90-day, one-, two- and five-year survival probabilities (cohort 2001-2005): 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	99.0 (98.1-99.4)	96.3 (95.0-97.3)	95.8 (94.4-96.9)	94.1 (92.5-95.3)
20-44	98.6 (98.4-98.8)	95.8 (95.4-96.1)	92.6 (92.1-93.0)	85.8 (85.3-86.4)
45-64	95.8 (95.5-96.0)	87.8 (87.5-88.1)	79.5 (79.2-79.9)	60.6 (60.2-60.9)
65-74	91.9 (91.6-92.3)	77.3 (76.9-77.7)	63.3 (63.0-63.7)	34.9 (34.7-35.1)
75+	87.0 (86.6-87.4)	67.2 (66.7-67.6)	49.4 (49.1-49.7)	18.4 (18.3-18.5)
Men	92.9 (92.7-93.1)	80.8 (80.5-81.1)	69.2 (68.9-69.4)	46.0 (45.8-46.2)
Women	92.6 (92.4-92.9)	80.3 (80.0-80.7)	69.0 (68.6-69.3)	46.4 (46.1-46.6)
Diabetes	93.8 (93.4-94.1)	80.0 (79.6-80.5)	65.4 (65.0-65.9)	36.2 (35.9-36.4)
Hypertension / renal vascular disease	92.3 (91.9-92.7)	78.5 (77.9-79.0)	64.8 (64.3-65.3)	37.5 (37.2-37.8)
Glomerulonephritis	96.9 (96.6-97.2)	90.8 (90.2-91.2)	84.0 (83.4-84.6)	68.5 (67.9-69.1)
Other cause	92.1 (91.9-92.4)	79.9 (79.6-80.2)	69.3 (69.0-69.6)	48.6 (48.3-48.8)
All	92.8 (92.6-93.0)	80.6 (80.4-80.8)	69.1 (68.9-69.3)	46.2 (46.0-46.3)

* 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 2001-2005): 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	98.9 (98.2-99.6)	96.0 (94.7-97.3)	95.4 (94.0-96.8)	93.5 (91.9-95.2)
20-44	98.7 (98.5-98.9)	95.8 (95.4-96.1)	92.5 (92.0-93.0)	85.5 (84.8-86.2)
45-64	96.1 (95.9-96.3)	88.6 (88.2-88.9)	80.6 (80.1-81.1)	61.7 (61.1-62.3)
65-74	92.7 (92.4-93.0)	79.0 (78.5-79.5)	65.6 (65.0-66.2)	37.0 (36.4-37.7)
75+	87.9 (87.4-88.3)	68.7 (68.1-69.3)	51.1 (50.4-51.8)	19.4 (18.9-20.0)
Men	95.8 (95.6-95.9)	87.6 (87.3-87.9)	78.7 (78.4-79.1)	56.3 (55.9-56.8)
Women	95.7 (95.6-95.9)	87.8 (87.5-88.1)	79.4 (79.0-79.8)	58.3 (57.7-58.9)
Diabetes	95.7 (95.4-95.9)	85.5 (85.1-86.0)	73.7 (73.1-74.2)	44.8 (44.0-45.5)
Hypertension / renal vascular disease	96.1 (95.9-96.4)	88.6 (88.2-89.0)	80.0 (79.5-80.6)	57.6 (56.8-58.4)
Glomerulonephritis	97.3 (97.0-97.6)	91.7 (91.2-92.2)	85.1 (84.5-85.8)	68.0 (67.1-69.0)
Other cause	94.9 (94.7-95.1)	86.3 (86.0-86.6)	78.0 (77.6-78.4)	57.9 (57.4-58.4)
All	95.8 (95.6-95.9)	87.7 (87.5-87.9)	79.0 (78.7-79.3)	57.1 (56.7-57.5)

* 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.6.3

One-, two- and five-year survival probabilities (cohort 2001-2005): 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	97.0 (95.6-97.9)	96.6 (95.2-97.6)	94.4 (92.7-95.7)
20-44	96.2 (95.9-96.6)	93.1 (92.6-93.5)	86.2 (85.6-86.7)
45-64	89.3 (88.9-89.6)	81.0 (80.6-81.4)	61.4 (61.0-61.8)
65-74	80.2 (79.8-80.6)	65.9 (65.5-66.3)	35.9 (35.6-36.1)
75+	72.0 (71.6-72.5)	52.8 (52.4-53.2)	19.1 (19.0-19.2)
Men	83.6 (83.3-83.9)	71.6 (71.4-71.9)	47.4 (47.2-47.6)
Women	83.5 (83.1-83.8)	71.9 (71.5-72.3)	48.1 (47.8-48.4)
Diabetes	81.3 (80.8-81.8)	66.3 (65.8-66.7)	36.2 (35.9-36.4)
Hypertension / renal vascular disease	81.3 (80.8-81.8)	67.0 (66.5-67.5)	38.5 (38.2-38.9)
Glomerulonephritis	91.9 (91.4-92.4)	85.0 (84.4-85.6)	69.2 (68.5-69.8)
Other cause	83.6 (83.2-83.9)	72.8 (72.5-73.2)	50.8 (50.5-51.0)
All	83.6 (83.3-83.8)	71.7 (71.5-72.0)	47.7 (47.5-47.8)

* 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.6.4

One-, two- and five-year survival probabilities (cohort 2001-2005): 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	96.6 (95.3-97.9)	96.2 (94.8-97.6)	93.8 (92.1-95.5)
20-44	96.2 (95.8-96.6)	92.9 (92.4-93.4)	86.0 (85.3-86.6)
45-64	89.9 (89.5-90.3)	82.0 (81.5-82.5)	62.8 (62.2-63.4)
65-74	81.6 (81.1-82.1)	67.9 (67.3-68.5)	38.4 (37.7-39.1)
75+	73.1 (72.4-73.7)	54.2 (53.5-54.9)	20.3 (19.8-21.0)
Men	89.2 (89.0-89.4)	80.1 (79.8-80.5)	57.3 (56.8-57.8)
Women	89.5 (89.2-89.8)	81.1 (80.7-81.5)	59.5 (58.9-60.1)
Diabetes	86.3 (85.8-86.7)	74.0 (73.5-74.6)	44.9 (44.2-45.7)
Hypertension / renal vascular disease	90.0 (89.6-90.4)	81.2 (80.6-81.7)	58.2 (57.4-59.0)
Glomerulonephritis	92.6 (92.1-93.1)	85.9 (85.2-86.6)	68.8 (67.8-69.7)
Other cause	88.7 (88.4-89.0)	80.3 (79.9-80.7)	59.6 (59.0-60.1)
All	89.3 (89.1-89.5)	80.5 (80.2-80.8)	58.2 (57.8-58.6)

* 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.6.5

90-day, one- and two-year survival probabilities (cohort 2004-2008): 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	98.7 (97.8-99.2)	96.4 (95.1-97.4)	95.7 (94.3-96.8)
20-44	99.1 (98.9-99.2)	96.5 (96.2-96.8)	93.5 (93.1-93.9)
45-64	96.6 (96.4-96.8)	89.3 (89.0-89.6)	81.9 (81.5-82.2)
65-74	92.7 (92.4-93.0)	79.4 (79.0-79.8)	66.6 (66.3-67.0)
75+	88.4 (88.0-88.7)	69.7 (69.3-70.1)	52.8 (52.5-53.1)
Men	93.8 (93.7-94.0)	82.4 (82.2-82.6)	71.3 (71.1-71.6)
Women	93.2 (92.9-93.4)	81.8 (81.5-82.1)	71.3 (71.0-71.6)
Diabetes	94.6 (94.3-94.8)	82.3 (81.9-82.7)	68.8 (68.4-69.2)
Hypertension / renal vascular disease	93.5 (93.1-93.8)	80.6 (80.1-81.1)	67.1 (66.7-67.6)
Glomerulonephritis	97.3 (97.0-97.6)	91.5 (91.0-92.0)	85.4 (84.8-85.9)
Other cause	92.7 (92.5-93.0)	80.9 (80.6-81.2)	71.0 (70.8-71.3)
All	93.6 (93.4-93.7)	82.2 (82.0-82.4)	71.3 (71.1-71.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	98.4 (97.6-99.3)	96.1 (94.8-97.3)	95.2 (93.9-96.7)
20-44	99.1 (98.9-99.2)	96.5 (96.2-96.8)	93.4 (93.0-93.9)
45-64	96.8 (96.6-97.0)	89.8 (89.5-90.2)	82.6 (82.2-83.0)
65-74	93.4 (93.1-93.7)	80.8 (80.4-81.3)	68.5 (68.0-69.1)
75+	89.1 (88.8-89.5)	71.2 (70.6-71.7)	54.6 (54.0-55.2)
Men	96.3 (96.2-96.4)	88.7 (88.5-88.9)	80.5 (80.1-80.8)
Women	96.0 (95.9-96.2)	88.7 (88.4-89.0)	81.1 (80.7-81.5)
Diabetes	96.3 (96.1-96.5)	87.4 (87.0-87.8)	76.7 (76.2-77.2)
Hypertension / renal vascular disease	96.8 (96.6-97.0)	89.9 (89.5-90.2)	81.7 (81.3-82.2)
Glomerulonephritis	97.6 (97.4-97.9)	92.5 (92.0-93.0)	86.7 (86.1-87.3)
Other cause	95.3 (95.1-95.4)	87.1 (86.8-87.3)	79.4 (79.0-79.8)
All	96.2 (96.1-96.3)	88.7 (88.5-88.9)	80.7 (80.5-81.0)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	97.4 (96.1-98.3)	96.5 (95.1-97.5)
20-44	96.7 (96.3-97.0)	93.6 (93.2-94.0)
45-64	90.3 (90.0-90.6)	82.7 (82.4-83.1)
65-74	82.0 (81.6-82.4)	68.9 (68.5-69.3)
75+	73.9 (73.5-74.3)	55.5 (55.2-55.9)
Men	84.6 (84.3-84.8)	73.2 (72.9-73.5)
Women	84.7 (84.3-85.0)	73.7 (73.3-74.0)
Diabetes	83.2 (82.8-83.6)	69.3 (68.9-69.7)
Hypertension / renal vascular disease	82.3 (81.8-82.8)	68.3 (67.8-68.8)
Glomerulonephritis	92.4 (91.9-92.8)	86.0 (85.4-86.5)
Other cause	84.3 (84.0-84.6)	74.1 (73.7-74.4)
All	84.6 (84.4-84.8)	73.4 (73.2-73.6)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	97.0 (95.8-98.2)	96.0 (94.6-97.4)
20-44	96.6 (96.3-96.9)	93.5 (93.0-93.9)
45-64	90.8 (90.4-91.1)	83.6 (83.2-84.0)
65-74	83.1 (82.7-83.6)	70.8 (70.2-71.4)
75+	74.9 (74.4-75.5)	57.4 (56.7-58.0)
Men	89.9 (89.6-90.1)	81.5 (81.2-81.9)
Women	90.3 (90.0-90.5)	82.5 (82.1-82.9)
Diabetes	87.9 (87.5-88.2)	77.0 (76.5-77.5)
Hypertension / renal vascular disease	90.6 (90.3-91.0)	82.3 (81.8-82.8)
Glomerulonephritis	93.2 (92.8-93.6)	87.2 (86.6-87.9)
Other cause	89.2 (88.9-89.5)	81.4 (81.1-81.8)
All	90.0 (89.8-90.2)	81.9 (81.7-82.2)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): 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	98.8 (97.7-99.4)	96.0 (94.2-97.2)	95.4 (93.4-96.8)	93.5 (90.4-95.6)
20-44	98.6 (98.3-98.8)	95.3 (94.8-95.6)	90.9 (90.3-91.4)	78.5 (77.6-79.3)
45-64	95.7 (95.5-96.0)	87.4 (87.0-87.7)	78.1 (77.6-78.5)	53.3 (53.0-53.7)
65-74	91.9 (91.6-92.2)	77.2 (76.8-77.6)	62.9 (62.5-63.3)	33.2 (33.0-33.4)
75+	87.0 (86.6-87.4)	67.1 (66.7-67.6)	49.4 (49.0-49.7)	18.3 (18.2-18.4)
Men	92.8 (92.6-93.0)	80.1 (79.8-80.4)	67.1 (66.8-67.4)	38.3 (38.1-38.4)
Women	92.5 (92.2-92.7)	79.6 (79.2-79.9)	67.0 (66.6-67.4)	39.2 (39.0-39.5)
Diabetes	93.7 (93.4-94.0)	79.6 (79.2-80.1)	64.2 (63.7-64.6)	31.0 (30.8-31.2)
Hypertension / renal vascular disease	92.2 (91.8-92.6)	78.2 (77.6-78.7)	63.8 (63.3-64.4)	33.4 (33.1-33.7)
Glomerulonephritis	96.8 (96.5-97.1)	90.1 (89.5-90.6)	81.8 (81.1-82.5)	58.3 (57.6-59.0)
Other cause	92.0 (91.7-92.2)	79.1 (78.8-79.5)	67.2 (66.9-67.5)	41.0 (40.8-41.3)
All	92.7 (92.5-92.8)	79.9 (79.7-80.1)	67.1 (66.8-67.3)	38.6 (38.5-38.8)

* 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.6.10

90-day, one-, two- and five-year survival probabilities (cohort 2001-2005): 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	98.7 (97.8-99.5)	95.7 (94.1-97.4)	95.0 (93.1-97.0)	92.8 (89.7-96.1)
20-44	98.6 (98.4-98.9)	95.4 (95.0-95.8)	90.9 (90.3-91.6)	77.3 (76.1-78.5)
45-64	96.0 (95.8-96.3)	88.2 (87.8-88.5)	79.2 (78.7-79.7)	54.0 (53.2-54.7)
65-74	92.6 (92.3-92.9)	78.6 (78.1-79.2)	64.9 (64.3-65.5)	34.7 (34.1-35.4)
75+	87.7 (87.3-88.2)	68.4 (67.8-69.1)	50.8 (50.1-51.5)	19.1 (18.5-19.6)
Men	95.2 (95.0-95.3)	85.9 (85.6-86.2)	75.7 (75.4-76.1)	49.4 (48.8-49.9)
Women	95.1 (94.9-95.3)	86.0 (85.6-86.3)	76.4 (75.9-76.8)	51.7 (51.0-52.3)
Diabetes	95.2 (94.9-95.5)	84.1 (83.6-84.6)	71.1 (70.5-71.7)	39.2 (38.4-39.9)
Hypertension / renal vascular disease	95.5 (95.2-95.7)	86.7 (86.2-87.1)	76.8 (76.2-77.5)	50.9 (50.1-51.8)
Glomerulonephritis	97.1 (96.8-97.4)	90.9 (90.4-91.5)	83.3 (82.5-84.0)	60.7 (59.5-61.9)
Other cause	94.2 (94.0-94.4)	84.5 (84.2-84.9)	75.0 (74.5-75.4)	51.2 (50.6-51.8)
All	95.1 (95.0-95.3)	85.9 (85.7-86.2)	76.0 (75.7-76.3)	50.3 (49.8-50.8)

* 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.6.11

One-, two- and five-year survival probabilities (cohort 2001-2005): 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	96.8 (95.0-98.0)	96.5 (94.6-97.8)	94.4 (91.0-96.5)
20-44	95.7 (95.3-96.1)	91.2 (90.6-91.8)	78.3 (77.4-79.2)
45-64	88.7 (88.3-89.1)	79.3 (78.9-79.7)	53.5 (53.1-53.9)
65-74	80.0 (79.6-80.4)	65.3 (64.9-65.7)	33.9 (33.7-34.1)
75+	72.0 (71.5-72.5)	52.8 (52.4-53.2)	19.0 (18.9-19.1)
Men	82.8 (82.5-83.1)	69.3 (69.0-69.6)	38.9 (38.7-39.1)
Women	82.7 (82.3-83.0)	69.7 (69.3-70.1)	40.2 (40.0-40.5)
Diabetes	80.9 (80.4-81.3)	64.8 (64.3-65.3)	30.6 (30.4-30.9)
Hypertension / renal vascular disease	80.9 (80.4-81.5)	65.8 (65.2-66.3)	33.8 (33.5-34.1)
Glomerulonephritis	91.1 (90.6-91.6)	82.5 (81.8-83.1)	58.1 (57.4-58.9)
Other cause	82.7 (82.3-83.0)	70.5 (70.1-70.8)	42.4 (42.2-42.7)
All	82.7 (82.5-83.0)	69.4 (69.2-69.7)	39.4 (39.3-39.6)

* 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.6.12

One-, two- and five-year survival probabilities (cohort 2001-2005): 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			
20-44	95.7 (95.3-96.2)	91.2 (90.6-91.8)	77.2 (76.0-78.5)
45-64	89.4 (89.0-89.8)	80.4 (79.9-80.9)	54.5 (53.7-55.3)
65-74	81.2 (80.7-81.7)	67.0 (66.4-67.7)	35.8 (35.2-36.5)
75+	72.8 (72.2-73.4)	53.8 (53.1-54.5)	19.9 (19.4-20.5)
Men	87.6 (87.3-87.9)	77.0 (76.6-77.4)	49.8 (49.2-50.4)
Women	87.8 (87.5-88.2)	78.0 (77.5-78.5)	52.4 (51.7-53.1)
Diabetes	84.8 (84.4-85.3)	71.3 (70.7-72.0)	39.0 (38.2-39.8)
Hypertension / renal vascular disease	88.2 (87.8-88.7)	77.9 (77.2-78.5)	51.1 (50.1-52.0)
Glomerulonephritis	91.8 (91.2-92.4)	83.8 (83.1-84.6)	60.9 (59.7-62.1)
Other cause	87.0 (86.7-87.3)	77.3 (76.8-77.7)	52.3 (51.7-53.0)
All	87.7 (87.5-87.9)	77.4 (77.1-77.8)	50.9 (50.4-51.4)

* 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.6.13

90-day, one- and two-year survival probabilities (cohort 2004-2008): 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	98.3 (97.1-99.0)	95.2 (93.2-96.6)	93.6 (91.3-95.4)
20-44	99.0 (98.8-99.2)	95.9 (95.6-96.3)	91.8 (91.3-92.3)
45-64	96.5 (96.3-96.7)	88.7 (88.4-89.0)	80.2 (79.9-80.6)
65-74	92.7 (92.4-93.0)	79.2 (78.8-79.6)	66.1 (65.7-66.5)
75+	88.4 (88.0-88.7)	69.7 (69.3-70.1)	52.8 (52.5-53.1)
Men	93.7 (93.5-93.8)	81.6 (81.3-81.8)	69.2 (69.0-69.5)
Women	93.0 (92.7-93.2)	80.9 (80.6-81.2)	69.2 (68.9-69.5)
Diabetes	94.5 (94.2-94.7)	81.9 (81.4-82.3)	67.6 (67.1-68.0)
Hypertension / renal vascular disease	93.4 (93.1-93.8)	80.3 (79.8-80.8)	66.2 (65.7-66.7)
Glomerulonephritis	97.2 (96.9-97.5)	90.8 (90.3-91.3)	83.3 (82.7-83.9)
Other cause	92.5 (92.3-92.7)	80.0 (79.7-80.3)	68.8 (68.5-69.1)
All	93.4 (93.3-93.5)	81.3 (81.1-81.5)	69.2 (69.0-69.4)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	98.0 (97.0-99.1)	95.0 (93.2-96.8)	93.1 (90.7-95.6)
20-44	99.0 (98.8-99.2)	96.0 (95.6-96.4)	91.8 (91.2-92.3)
45-64	96.7 (96.5-96.9)	89.3 (89.0-89.7)	81.2 (80.7-81.7)
65-74	93.3 (93.0-93.6)	80.5 (80.1-81.0)	67.8 (67.3-68.4)
75+	89.1 (88.7-89.4)	71.0 (70.5-71.5)	54.3 (53.7-54.9)
Men	95.9 (95.8-96.0)	87.5 (87.2-87.8)	78.3 (77.9-78.6)
Women	95.6 (95.4-95.8)	87.4 (87.1-87.7)	78.9 (78.5-79.3)
Diabetes	96.0 (95.8-96.2)	86.4 (86.0-86.8)	74.9 (74.3-75.4)
Hypertension / renal vascular disease	96.4 (96.1-96.6)	88.6 (88.2-89.0)	79.5 (79.0-80.1)
Glomerulonephritis	97.5 (97.2-97.7)	91.8 (91.3-92.3)	85.2 (84.6-85.9)
Other cause	94.8 (94.6-94.9)	85.7 (85.4-86.0)	77.1 (76.7-77.5)
All	95.8 (95.7-95.9)	87.5 (87.3-87.7)	78.5 (78.2-78.8)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	96.4 (94.5-97.7)	94.6 (92.0-96.4)
20-44	96.0 (95.7-96.4)	91.7 (91.1-92.2)
45-64	89.6 (89.3-90.0)	80.9 (80.5-81.3)
65-74	81.8 (81.4-82.1)	68.3 (67.9-68.7)
75+	73.8 (73.4-74.2)	55.5 (55.1-55.8)
Men	83.7 (83.5-84.0)	70.9 (70.6-71.2)
Women	83.8 (83.4-84.1)	71.4 (71.1-71.8)
Diabetes	82.8 (82.3-83.2)	67.9 (67.5-68.4)
Hypertension / renal vascular disease	81.9 (81.4-82.4)	67.3 (66.8-67.8)
Glomerulonephritis	91.6 (91.1-92.1)	83.7 (83.0-84.3)
Other cause	83.3 (83.0-83.6)	71.7 (71.3-72.0)
All	83.7 (83.5-84.0)	71.1 (70.9-71.3)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	96.0 (95.6-96.4)	91.7 (91.1-92.3)
45-64	90.2 (89.9-90.6)	82.0 (81.5-82.5)
65-74	82.8 (82.4-83.3)	70.1 (69.5-70.6)
75+	74.8 (74.2-75.3)	57.1 (56.4-57.7)
Men	88.7 (88.4-88.9)	79.3 (78.9-79.6)
Women	89.1 (88.7-89.4)	80.2 (79.8-80.7)
Diabetes	86.9 (86.4-87.3)	75.1 (74.5-75.6)
Hypertension / renal vascular disease	89.4 (89.0-89.8)	80.0 (79.4-80.5)
Glomerulonephritis	92.5 (92.0-93.0)	85.6 (84.9-86.3)
Other cause	87.9 (87.6-88.2)	79.1 (78.7-79.5)
All	88.9 (88.6-89.1)	79.7 (79.3-80.0)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): 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	98.1 (96.4-99.0)	97.2 (95.4-98.4)	95.3 (93.1-96.8)
20-44	98.1 (97.7-98.5)	97.3 (96.8-97.7)	93.9 (93.2-94.5)
45-64	94.8 (94.3-95.3)	92.2 (91.6-92.8)	84.2 (83.5-84.9)
65+	88.5 (86.9-89.9)	83.8 (82.1-85.4)	69.1 (67.4-70.8)
Men	95.2 (94.7-95.6)	93.1 (92.6-93.6)	85.9 (85.3-86.5)
Women	96.1 (95.5-96.6)	93.9 (93.3-94.5)	87.8 (86.9-88.5)
Diabetes	93.3 (92.2-94.3)	90.3 (89.1-91.4)	80.2 (78.8-81.6)
Hypertension / renal vascular disease	93.0 (91.7-94.2)	89.9 (88.4-91.3)	80.8 (79.1-82.4)
Glomerulonephritis	96.6 (96.0-97.2)	95.3 (94.6-96.0)	89.9 (89.0-90.8)
Other cause	96.2 (95.7-96.6)	94.1 (93.6-94.6)	88.0 (87.3-88.6)
All	95.5 (95.2-95.8)	93.4 (93.0-93.8)	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 (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 2001-2005): 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	98.2 (97.9-98.6)	97.5 (97.0-97.9)	94.3 (93.6-94.9)
45-64	95.2 (94.7-95.7)	92.8 (92.2-93.4)	85.2 (84.4-86.1)
65+	89.4 (87.8-91.1)	85.1 (83.2-87.0)	71.1 (68.7-73.6)
Men	97.0 (96.6-97.3)	95.6 (95.2-96.0)	90.6 (90.0-91.3)
Women	97.4 (97.0-97.7)	95.9 (95.4-96.4)	91.4 (90.7-92.2)
Diabetes	95.2 (94.4-96.0)	92.9 (92.0-93.9)	85.1 (83.7-86.6)
Hypertension / renal vascular disease	96.4 (95.7-97.2)	94.8 (93.9-95.7)	89.6 (88.3-90.9)
Glomerulonephritis	97.5 (97.0-98.0)	96.5 (96.0-97.1)	92.3 (91.5-93.2)
Other cause	97.3 (97.0-97.6)	95.9 (95.4-96.3)	91.3 (90.6-91.9)
All	97.1 (96.9-97.4)	95.7 (95.4-96.0)	91.0 (90.5-91.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2004-2008): 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 (96.7-99.1)	97.9 (96.1-98.8)
20-44	98.1 (97.7-98.4)	97.1 (96.6-97.5)
45-64	95.5 (95.1-95.9)	93.4 (92.9-93.9)
65+	89.5 (88.1-90.8)	85.4 (83.8-86.8)
Men	95.4 (95.0-95.8)	93.5 (93.0-93.9)
Women	96.8 (96.3-97.2)	95.0 (94.5-95.5)
Diabetes	93.9 (92.9-94.7)	91.4 (90.3-92.3)
Hypertension / renal vascular disease	93.4 (92.2-94.4)	90.7 (89.4-91.9)
Glomerulonephritis	97.1 (96.5-97.6)	95.6 (94.9-96.2)
Other cause	96.6 (96.2-96.9)	94.9 (94.4-95.3)
All	95.9 (95.6-96.2)	94.0 (93.7-94.4)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	98.3 (97.9-98.6)	97.3 (96.9-97.7)
45-64	95.9 (95.5-96.3)	94.0 (93.4-94.5)
65+	90.5 (89.1-92.0)	86.8 (85.1-88.4)
Men	97.1 (96.8-97.4)	95.8 (95.5-96.2)
Women	97.8 (97.4-98.1)	96.6 (96.1-97.0)
Diabetes	95.6 (94.9-96.3)	93.8 (92.9-94.6)
Hypertension / renal vascular disease	96.5 (95.8-97.2)	95.1 (94.2-95.9)
Glomerulonephritis	97.9 (97.4-98.3)	96.7 (96.2-97.3)
Other cause	97.5 (97.2-97.8)	96.3 (95.9-96.7)
All	97.4 (97.1-97.6)	96.1 (95.8-96.4)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): 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	97.3 (95.0-98.6)	97.3 (95.0-98.6)	95.9 (93.2-97.5)
20-44	98.8 (98.3-99.2)	98.1 (97.4-98.6)	96.9 (96.0-97.5)
45-64	96.4 (95.3-97.3)	95.3 (94.1-96.3)	91.2 (89.7-92.5)
65+	91.3 (86.3-94.5)	87.6 (82.3-91.4)	79.5 (74.0-84.0)
Men	97.1 (96.4-97.7)	96.3 (95.5-97.0)	93.7 (92.7-94.5)
Women	98.3 (97.5-98.8)	97.1 (96.1-97.9)	94.9 (93.6-95.9)
Diabetes	94.3 (91.2-96.3)	91.9 (88.5-94.3)	83.8 (79.9-87.0)
Hypertension / renal vascular disease	97.5 (95.1-98.7)	96.5 (93.9-98.0)	91.7 (88.4-94.1)
Glomerulonephritis	98.7 (97.8-99.2)	98.0 (96.9-98.7)	97.1 (95.9-98.0)
Other cause	97.3 (96.5-98.0)	96.4 (95.5-97.1)	94.0 (93.0-95.0)
All	97.6 (97.0-98.0)	96.6 (96.0-97.1)	94.1 (93.4-94.8)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2001-2005): 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 (98.4-99.3)	98.1 (97.5-98.7)	96.8 (96.0-97.6)
45-64	96.7 (95.7-97.7)	95.7 (94.5-96.8)	91.7 (90.2-93.3)
65+	92.6 (88.8-96.6)	89.7 (85.2-94.4)	82.7 (77.0-88.7)
Men	97.2 (96.6-97.9)	96.4 (95.7-97.2)	93.8 (92.7-94.8)
Women	98.3 (97.6-99.0)	97.2 (96.3-98.1)	94.9 (93.7-96.1)
Diabetes	95.0 (92.7-97.3)	92.9 (90.1-95.7)	85.6 (81.8-89.5)
Hypertension / renal vascular disease	98.2 (96.9-99.5)	97.5 (96.0-99.0)	93.9 (91.6-96.3)
Glomerulonephritis	98.6 (97.8-99.3)	97.9 (97.0-98.8)	96.9 (95.8-98.0)
Other cause	97.1 (96.3-97.9)	96.1 (95.2-97.0)	93.5 (92.4-94.7)
All	97.7 (97.2-98.2)	96.8 (96.2-97.4)	94.2 (93.4-95.1)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2004-2008): 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 (96.4-99.2)	98.3 (96.4-99.2)
20-44	99.3 (98.9-99.5)	98.9 (98.4-99.2)
45-64	97.8 (97.1-98.4)	96.7 (95.8-97.3)
65+	93.0 (89.7-95.2)	90.2 (86.7-92.9)
Men	98.0 (97.5-98.5)	97.2 (96.5-97.7)
Women	98.7 (98.1-99.1)	98.0 (97.3-98.5)
Diabetes	96.3 (94.1-97.7)	93.7 (91.1-95.5)
Hypertension / renal vascular disease	95.9 (93.6-97.4)	95.2 (92.8-96.8)
Glomerulonephritis	99.2 (98.5-99.5)	98.5 (97.6-99.0)
Other cause	98.4 (97.8-98.8)	97.7 (97.1-98.2)
All	98.3 (97.9-98.6)	97.5 (97.0-97.9)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	99.3 (99.0-99.6)	98.9 (98.4-99.3)
45-64	98.0 (97.4-98.6)	96.9 (96.1-97.7)
65+	94.3 (91.8-96.9)	92.5 (89.5-95.5)
Men	98.4 (97.9-98.8)	97.6 (97.1-98.2)
Women	98.7 (98.2-99.2)	98.1 (97.5-98.7)
Diabetes	97.2 (95.8-98.6)	95.2 (93.4-97.1)
Hypertension / renal vascular disease	97.3 (96.0-98.6)	96.8 (95.4-98.3)
Glomerulonephritis		
Other cause	98.4 (97.9-98.9)	97.7 (97.2-98.3)
All	98.5 (98.2-98.9)	97.8 (97.4-98.3)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): 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	91.6 (88.9-93.6)	89.2 (86.4-91.5)	78.1 (75.1-80.9)
20-44	92.1 (91.4-92.8)	89.7 (88.9-90.4)	82.3 (81.4-83.1)
45-64	89.2 (88.6-89.8)	86.1 (85.4-86.8)	76.1 (75.3-76.8)
65+	81.8 (80.0-83.4)	76.5 (74.7-78.2)	61.6 (59.9-63.2)
Men	89.5 (89.0-90.1)	86.5 (85.9-87.1)	76.4 (75.7-77.1)
Women	89.8 (89.0-90.5)	86.7 (85.9-87.5)	77.8 (76.9-78.7)
Diabetes	89.0 (87.7-90.1)	85.4 (84.0-86.7)	73.5 (72.1-74.9)
Hypertension / renal vascular disease	86.7 (85.0-88.1)	82.2 (80.4-83.7)	70.5 (68.8-72.2)
Glomerulonephritis	90.8 (89.9-91.6)	88.2 (87.2-89.1)	78.9 (77.8-80.0)
Other cause	90.0 (89.3-90.6)	87.1 (86.4-87.8)	78.2 (77.5-79.0)
All	89.6 (89.2-90.1)	86.6 (86.1-87.1)	76.9 (76.4-77.5)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2001-2005): 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	91.1 (88.5-93.8)	88.6 (85.7-91.6)	76.9 (73.1-80.9)
20-44	92.4 (91.7-93.1)	90.0 (89.1-90.8)	82.7 (81.7-83.8)
45-64	89.5 (88.8-90.2)	86.5 (85.8-87.4)	76.6 (75.6-77.6)
65+	82.6 (80.6-84.7)	77.5 (75.3-79.8)	62.8 (60.3-65.5)
Men	90.7 (90.1-91.3)	87.9 (87.3-88.6)	78.6 (77.7-79.5)
Women	90.7 (89.9-91.5)	87.8 (86.9-88.7)	79.5 (78.4-80.6)
Diabetes	89.8 (88.5-91.1)	86.4 (85.0-87.9)	75.1 (73.3-77.0)
Hypertension / renal vascular disease	89.0 (87.5-90.5)	85.2 (83.5-87.0)	75.2 (73.0-77.4)
Glomerulonephritis	91.3 (90.3-92.2)	88.7 (87.7-89.8)	79.9 (78.6-81.3)
Other cause	90.6 (90.0-91.3)	88.0 (87.3-88.8)	79.6 (78.6-80.5)
All	90.7 (90.2-91.2)	87.9 (87.4-88.5)	78.9 (78.2-79.7)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2004-2008): 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	91.1 (88.4-93.1)	88.9 (86.1-91.2)
20-44	92.8 (92.1-93.4)	90.3 (89.6-91.0)
45-64	89.7 (89.1-90.3)	86.9 (86.3-87.5)
65+	82.8 (81.2-84.3)	78.8 (77.2-80.4)
Men	90.0 (89.5-90.5)	87.1 (86.6-87.7)
Women	90.4 (89.7-91.0)	87.8 (87.0-88.5)
Diabetes	89.4 (88.3-90.4)	86.1 (84.9-87.2)
Hypertension / renal vascular disease	86.9 (85.4-88.3)	83.8 (82.2-85.2)
Glomerulonephritis	90.8 (89.8-91.6)	87.9 (86.9-88.8)
Other cause	90.8 (90.2-91.3)	88.2 (87.6-88.8)
All	90.2 (89.7-90.6)	87.4 (86.9-87.8)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	90.5 (87.8-93.3)	88.2 (85.2-91.3)
20-44	93.0 (92.3-93.7)	90.5 (89.8-91.3)
45-64	89.9 (89.2-90.6)	87.2 (86.5-87.9)
65+	83.4 (81.6-85.3)	79.5 (77.5-81.5)
Men	91.1 (90.6-91.7)	88.5 (87.9-89.2)
Women	91.1 (90.4-91.8)	88.6 (87.8-89.4)
Diabetes	90.2 (89.1-91.4)	87.1 (85.9-88.4)
Hypertension / renal vascular disease	89.1 (87.8-90.6)	86.5 (85.0-88.1)
Glomerulonephritis	91.3 (90.4-92.2)	88.6 (87.6-89.6)
Other cause	91.4 (90.8-92.0)	89.0 (88.3-89.7)
All	91.1 (90.7-91.6)	88.6 (88.1-89.1)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): 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	92.9 (89.9-95.0)	91.4 (88.2-93.8)	83.4 (79.8-86.5)
20-44	94.0 (93.0-94.9)	92.2 (91.0-93.2)	86.9 (85.6-88.2)
45-64	94.4 (93.1-95.5)	92.6 (91.1-93.8)	86.2 (84.5-87.8)
65+	87.0 (81.6-90.8)	82.0 (76.5-86.3)	75.8 (70.3-80.4)
Men	93.5 (92.5-94.4)	91.8 (90.7-92.7)	85.7 (84.4-86.9)
Women	94.2 (92.9-95.2)	91.9 (90.4-93.1)	86.2 (84.6-87.7)
Diabetes	90.9 (87.4-93.5)	87.9 (84.2-90.8)	76.7 (72.7-80.1)
Hypertension / renal vascular disease	93.9 (90.9-96.0)	91.4 (88.1-93.8)	82.1 (78.3-85.3)
Glomerulonephritis	95.7 (94.3-96.7)	93.7 (92.1-94.9)	88.3 (86.4-89.9)
Other cause	92.7 (91.5-93.7)	90.9 (89.6-92.0)	85.6 (84.2-86.9)
All	93.8 (93.0-94.4)	91.8 (91.0-92.6)	85.9 (84.9-86.8)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2001-2005): 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	93.3 (90.5-96.1)	91.7 (88.6-94.8)	83.7 (79.6-87.9)
20-44	93.8 (92.7-94.9)	91.8 (90.5-93.0)	86.2 (84.6-87.7)
45-64	94.3 (93.0-95.6)	92.4 (90.9-93.9)	85.9 (83.9-87.9)
65+	87.6 (82.6-92.9)	83.2 (77.6-89.3)	77.5 (71.2-84.4)
Men	93.2 (92.2-94.3)	91.4 (90.2-92.6)	84.9 (83.3-86.4)
Women	93.9 (92.6-95.2)	91.5 (89.9-93.0)	85.6 (83.6-87.6)
Diabetes	91.0 (87.8-94.3)	87.9 (84.3-91.7)	76.8 (72.1-81.7)
Hypertension / renal vascular disease	94.1 (91.6-96.7)	91.6 (88.6-94.7)	82.6 (78.5-86.9)
Glomerulonephritis	95.6 (94.4-96.9)	93.6 (92.1-95.1)	88.1 (86.1-90.1)
Other cause	92.5 (91.3-93.7)	90.6 (89.2-92.0)	85.1 (83.4-86.8)
All	93.5 (92.7-94.3)	91.4 (90.5-92.4)	85.2 (83.9-86.4)

* Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, 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 2004-2008): 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	94.8 (92.3-96.5)	92.8 (90.1-94.8)
20-44	94.6 (93.7-95.4)	92.9 (91.9-93.8)
45-64	95.7 (94.8-96.5)	93.7 (92.7-94.6)
65+	90.3 (86.7-92.9)	86.9 (83.1-89.8)
Men	94.5 (93.7-95.2)	92.8 (91.9-93.6)
Women	95.3 (94.3-96.1)	93.0 (91.9-94.0)
Diabetes	93.0 (90.4-94.9)	90.2 (87.3-92.4)
Hypertension / renal vascular disease	91.8 (89.0-93.9)	89.6 (86.7-92.0)
Glomerulonephritis	95.8 (94.6-96.7)	92.8 (91.4-94.0)
Other cause	94.4 (93.5-95.1)	93.0 (92.1-93.9)
All	94.8 (94.2-95.3)	92.9 (92.2-93.5)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2004-2008): 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	93.7 (91.1-96.4)	91.6 (88.7-94.7)
20-44	94.4 (93.4-95.3)	92.6 (91.6-93.7)
45-64	95.4 (94.5-96.4)	93.3 (92.2-94.5)
65+	90.3 (86.9-93.9)	87.4 (83.5-91.5)
Men	94.3 (93.4-95.1)	92.6 (91.6-93.5)
Women	94.8 (93.7-95.8)	92.3 (91.1-93.6)
Diabetes	93.1 (90.7-95.5)	90.3 (87.5-93.1)
Hypertension / renal vascular disease	91.9 (89.4-94.6)	89.8 (86.9-92.8)
Glomerulonephritis	95.7 (94.6-96.8)	92.7 (91.3-94.2)
Other cause	94.3 (93.4-95.2)	93.0 (92.0-94.0)
All	94.4 (93.8-95.1)	92.5 (91.7-93.2)

** Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), 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 2001-2005): Incident dialysis patients and patients receiving a first transplant (between 2001 and 2005)
from day 91, by modality, adjusted for age, gender, and primary diagnosis

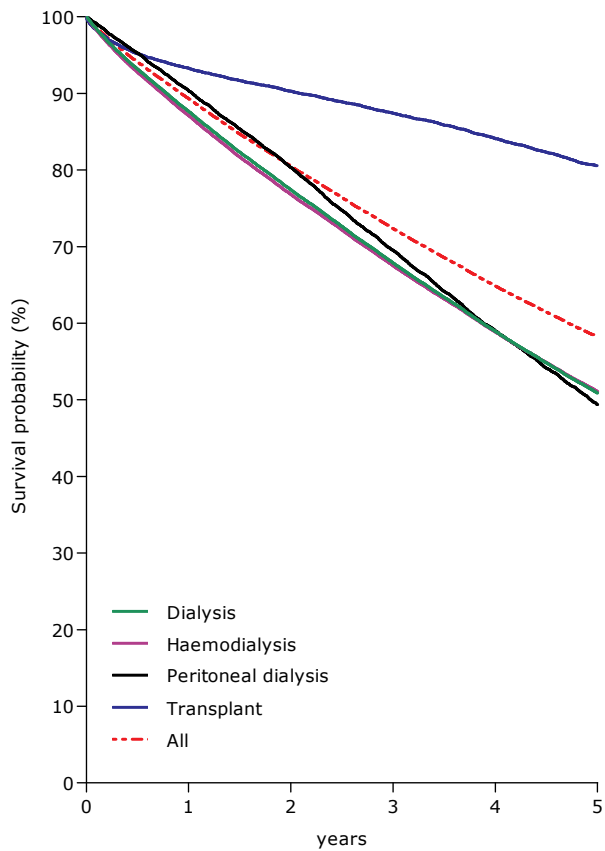


Figure A.6.2
Adjusted survival (cohort 2001-2005): Incident haemodialysis patients
from day 91, by primary diagnosis, adjusted for age and gender

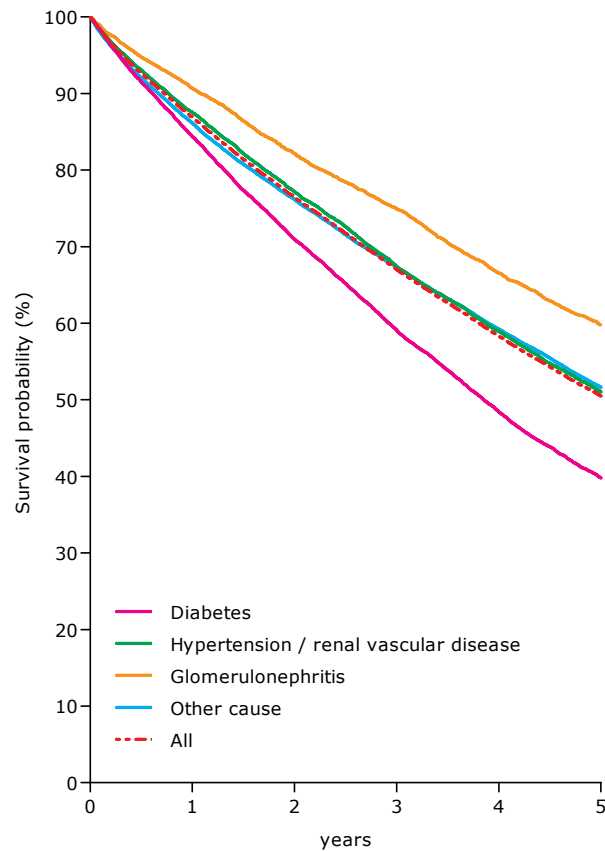


Figure A.6.3
Adjusted survival (cohort 2001-2005): Incident peritoneal dialysis patients
from day 91, by primary diagnosis, adjusted for age and gender

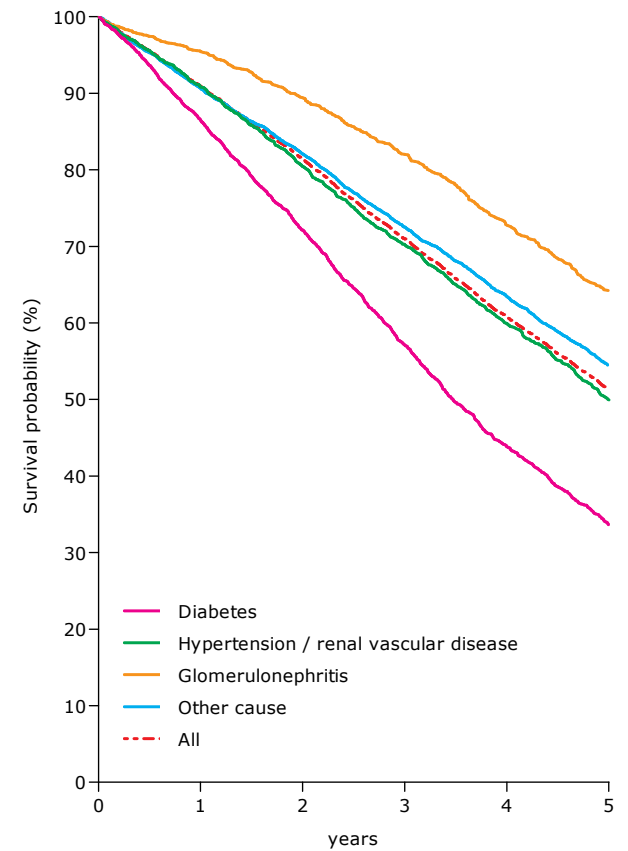


Table A.7.1

Expected remaining lifetimes (years) of the general population in 2005, and of prevalent dialysis and transplant patients in 2009 and 2010 (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	79.4	76.7	81.9	0-19	36.5	37.9	34.4	0-19	61.4	61.0	62.1
5	74.8	72.2	77.3								
10	69.8	67.2	72.3								
15	64.9	62.2	67.4								
20	60.0	57.4	62.4	20-24	19.9	20.6	18.9	20-24	43.5	42.8	44.9
25	55.1	52.6	57.5	25-29	17.1	17.5	16.4	25-29	39.2	38.5	40.4
30	50.3	47.8	52.6	30-34	14.6	14.8	14.2	30-34	35.1	34.3	36.4
35	45.4	43.0	47.7	35-39	12.4	12.5	12.3	35-39	31.0	30.2	32.5
40	40.6	38.3	42.9	40-44	10.7	10.6	10.7	40-44	27.0	26.2	28.3
45	35.9	33.6	38.1	45-49	9.2	9.2	9.3	45-49	23.1	22.4	24.5
50	31.3	29.1	33.4	50-54	7.8	7.7	7.9	50-54	19.7	19.0	20.8
55	26.9	24.7	28.8	55-59	6.7	6.6	6.9	55-59	16.4	15.8	17.3
60	22.6	20.6	24.4	60-64	5.6	5.5	5.8	60-64	13.4	13.0	14.0
65	18.6	16.7	20.1	65-69	4.9	4.8	5.1	65-69	10.4	10.1	10.9
70	14.8	13.1	16.1	70-74	4.2	4.1	4.3	70-74	7.8	7.7	8.1
75	11.3	10.0	12.3	75-79	3.4	3.4	3.5				
80	8.4	7.4	9.0	80-84	2.5	2.5	2.5				
85	6.2	5.5	6.5								

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), 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 and Herzegovina	3508	100
Croatia	4437	100
Czech Republic	10533	100
Estonia	1340	100
France	64567	98.0
FYR of Macedonia	2022	100
Israel	7623	100
Italy	60626	63.4
Latvia	2229	100
Montenegro	620	100
Poland	38127	95.0
Portugal	10627	100
Russia	141914	100
Serbia	7528	100
Slovakia	5436	97.0
Spain	47021	96.9
Turkey	73723	83.4
Ukraine	45782	99.0

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 and Herzegovina	27	27
Croatia	49	49
Czech Republic	102	93
Estonia	3	3
France	1225	982
FYR of Macedonia	19	19
Israel	66	66
Italy	658	388
Latvia	21	21
Montenegro	10	10
Poland	245	235
Portugal	112	112
Russia	332	291
Serbia	55	55
Slovakia	71	69
Spain	358	326
Turkey	854	705
Ukraine	61	61

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 and Herzegovina	510	145.4	296	172.2	214	119.6
Croatia	622	140.2	364	170.5	258	112.1
Czech Republic †	2083	197.8				
Estonia	100	74.6	53	85.9	47	65.0
France (23 of 26 regions) ‡	9439	149.2	5835	189.7	3604	110.9
FYR of Macedonia	249	123.1	149	146.8	100	99.3
Israel	1423	186.7	897	237.9	526	136.6
Italy (14 of 20 regions) † §	6167	160.5	3857	206.9	2310	116.8
Latvia	269	120.7	135	131.2	134	111.7
Montenegro	13	21.0	7	22.8	6	19.2
Poland	5174	142.8				
Portugal	2519	237.0				
Russia	5606	39.5	3075	46.8	2531	33.2
Serbia	1420	188.6	819	226.7	601	153.5
Slovakia †	882	167.3	493	192.3	389	143.6
Spain (18 of 19 regions)	5518	121.1	3590	159.5	1928	83.6
Turkey †	15509	252.2	8580	277.7	6929	226.5
Ukraine #	1041	23.0	577	27.6	464	19.0

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattia, Zaporizhka and Kiev city

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 and Herzegovina	100	58.9	15.6	61.0	58.0	58.7	15.9	61.0	42.0	59.3	15.2	62.0
Croatia	100	64.2	14.3	67.0	58.5	62.4	14.5	64.0	41.5	66.6	14.0	71.0
Czech Republic												
Estonia	100	57.4	16.1	61.5	53.0	56.0	16.5	61.0	47.0	59.0	15.7	64.0
France (23 of 26 regions) ‡	100	67.1	16.5	71.0	61.8	67.1	16.4	71.0	38.2	67.0	16.6	70.9
FYR of Macedonia	100	59.5	15.6	62.0	59.8	58.9	16.1	62.0	40.2	60.5	14.9	64.0
Israel	100	65.4	16.5	68.3	63.0	64.5	16.9	66.9	37.0	67.0	15.7	69.9
Italy (14 of 20 regions) † §	100	68.1	15.1	71.4	62.5	67.7	15.0	70.9	37.5	68.7	15.3	72.2
Latvia	100	62.6	15.9	64.5	50.2	62.1	16.1	65.5	49.8	63.1	15.7	64.0
Montenegro	100	57.3	14.6	57.0	53.8	63.3	9.7	57.0	46.2	50.3	16.9	54.5
Poland												
Portugal												
Russia	100	48.9	15.2	51.0	54.9	48.4	15.2	51.0	45.1	49.5	15.1	52.0
Serbia	100	58.8			57.7	58.1			42.3	59.7		
Slovakia †	100	62.8	13.2	64.0	55.9	61.5	13.0	63.0	44.1	64.5	13.2	66.0
Spain (18 of 19 regions)	100	62.1	0.9	66.9	65.1	61.8	1.1	66.3	34.9	62.7	1.5	68.1
Turkey †	100	55.9		58.9	55.3	55.5		58.4	44.7	56.4		59.6
Ukraine #	100				55.4				44.6			

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattia, Zaporizhka and Kiev city

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 and Herzegovina	160.2	192.9	127.7
Croatia	152.2	195.6	119.6
Czech Republic			
Estonia	74.0	90.5	62.0
France (23 of 26 regions) ‡	146.1	181.2	110.2
FYR of Macedonia	161.7	190.2	130.3
Israel	276.5	340.5	208.8
Italy (14 of 20 regions) † §	137.3	171.8	101.7
Latvia			
Montenegro	21.7	23.2	19.7
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	189.2	227.3	158.8
Spain (18 of 19 regions)	120.3	155.7	83.7
Turkey †	411.3	451.1	369.5
Ukraine			

When cells are left empty, the data are unavailable

‡ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

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	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia and Herzegovina	145.4	100	14.5	10.0	24.8	17.1	3.7	2.5	7.7	5.3	27.7	19.0	35.3	24.3	12.0	8.2	11.4	7.8	23.9	16.5	19.7	13.5	0	0
Croatia	140.2	100	16.5	11.7	14.9	10.6	8.1	5.8					37.9	27.0	20.1	14.3	5.6	4.0	15.8	11.3	4.7	3.4	16.7	11.9
Czech Republic																								
Estonia	74.6	100	8.2	11.0	14.2	19.0	4.5	6.0	11.2	15.0	4.5	6.0	15.7	21.0	20.9	28.0	0	0	11.2	15.0	0	0	0	0
France (23 of 26 regions) ‡ *	149.2	100	16.1	10.8	6.1	4.1	9.2	6.1					32.2	21.6	34.3	23.0	1.8	1.2	24.1	16.2	25.5	17.1	0	0
FYR of Macedonia	123.1	100	11.9	9.6	12.9	10.4	5.9	4.8	2.0	1.6	22.3	18.1	24.2	19.7	37.1	30.1	4.0	3.2	6.9	5.6	20.3	16.5	0	0
Israel	186.7	100	12.2	6.5	3.4	1.8	5.5	3.0	60.3	32.3	23.0	12.3	83.3	44.6	21.0	11.2	6.8	3.7	19.4	10.4	27.0	14.5	8.0	4.3
Italy (14 of 20 regions) † §	160.5	100	24.0	14.9	7.7	4.8	9.6	6.0					32.6	20.3	32.3	20.1	1.9	1.2	11.0	6.8	41.3	25.8	0.1	0.1
Latvia	120.7	100	16.2	13.4	18.4	15.2	9.4	7.8	2.2	1.9	14.8	12.3	17.0	14.1	17.9	14.9	2.7	2.2	28.3	23.4	10.8	8.9	0	0
Montenegro	21.0	100	8.1	38.5	1.6	7.7	0	0	6.5	30.8	0	0	6.5	30.8	3.2	15.4	0	0	0	0	1.6	7.7	0	0
Poland	142.8	100	25.3	17.7	4.8	3.4	5.7	4.0					32.8	23.0	20.9	14.7	0.4	0.3	6.8	4.7	25.1	17.6	20.9	14.7
Portugal & +	237.0	100	19.5	8.2			12.2	5.2					74.7	31.5	35.6	15.0			42.4	17.9	46.3	19.5	6.3	2.7
Russia	39.5	100	13.3	33.7	4.7	11.9	4.1	10.5	3.0	7.7	3.2	8.1	6.2	15.8	3.3	8.5	0.1	0.2	5.7	14.4	2.0	5.1	0	0
Serbia	188.6	100	18.3	9.7	13.9	7.4	10.4	5.5	13.0	6.9	31.6	16.8	44.6	23.7	44.4	23.5	4.9	2.6	38.9	20.6	13.2	7.0	0	0
Slovakia †	167.3	100	16.9	10.1	17.1	10.2	5.1	3.1					62.6	37.4	11.6	6.9	9.3	5.6	41.9	25.1	2.8	1.7	0	0
Spain (18 of 19 regions) ¶	121.1	100	14.0	11.6	9.9	8.2	8.0	6.6					29.8	24.6	17.3	14.3			15.4	12.7	26.7	22.1	0	0
Turkey †	252.2	100	17.7	7.0	6.6	2.6	9.7	3.9	16.2	6.4	65.0	25.8	81.1	32.2	65.3	25.9	3.4	1.3	33.9	13.4	31.7	12.6	2.7	1.1
Ukraine + #	23.0	100	8.2	35.6	3.4	14.9	1.9	8.4					5.2	22.0	1.4	6.2			2.0	8.8	0	0	0.9	4.0

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 based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

* The type of diabetes is given by the comorbidity and not by the cause of renal failure

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

& Pyelonephritis is not reported separately, but is included into miscellaneous

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

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque country, Canary Islands, Cantabria, Castile and León, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Community of 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 regions Zakarpattia, Zaporizhka and Kiev city

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 and Herzegovina	439	125.1	262	152.4	177	98.9
Croatia	557	125.5	322	150.8	235	102.1
Czech Republic †	1579	149.9				
Estonia	98	73.1	51	82.7	47	65.0
France (23 of 26 regions) ‡	8230	130.1	5096	165.6	3134	96.4
FYR of Macedonia	202	99.9	126	124.1	76	75.5
Israel	1340	175.8	850	225.4	490	127.2
Italy (14 of 20 regions) † §	5850	152.2	3676	197.2	2174	109.9
Latvia	240	107.7	120	116.6	120	100.0
Montenegro	7	11.3	5	16.3	2	6.4
Poland						
Portugal						
Russia						
Serbia	1005	133.5	596	165.0	409	104.5
Slovakia †	718	136.2	396	154.5	322	118.9
Spain (18 of 19 regions)						
Turkey †	13194	214.5	7253	234.7	5941	194.2
Ukraine #	996	22.0				

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

Data do not include the regions Zakarpattia, Zaporizhka and Kiev city

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 and Herzegovina	100	57.6	15.9	61.0	59.7	57.3	16.0	61.0	40.3	58.0	15.8	61.0
Croatia	100	62.6	15.6	66.0	57.8	60.7	15.5	62.0	42.2	65.1	15.8	70.0
Czech Republic												
Estonia	100	57.3	16.2	61.0	52.0	55.7	16.8	61.0	48.0	59.0	15.7	64.0
France (23 of 26 regions) ‡	100	67.2	16.1	71.0	61.9	67.3	15.9	71.1	38.1	67.2	16.3	71.0
FYR of Macedonia	100	57.5	15.7	60.5	62.4	56.6	15.9	59.5	37.6	59.0	15.4	62.0
Israel	100	64.9	15.6	67.4	63.4	64.0	17.0	66.1	36.6	66.4	15.8	69.4
Italy (14 of 20 regions) † §	100	67.6	15.1	70.9	62.8	67.3	15.1	70.5	37.2	68.2	15.2	71.6
Latvia	100	61.3	15.9	63.0	50.0	61.0	16.1	64.0	50.0	61.6	15.8	63.0
Montenegro	100	40.6	18.2	37.0	71.4	47.0	17.7	52.0	28.6	24.5	3.5	24.5
Poland												
Portugal												
Russia												
Serbia	100	56.6			59.3	55.1			40.7	58.7		
Slovakia †	100	61.6	13.3	63.0	55.2	60.4	13.0	62.0	44.8	63.1	13.5	64.0
Spain (18 of 19 regions)												
Turkey †	100	55.6		58.6	55.0	55.2		58.1	45.0	56.2		59.3
Ukraine												

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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 and Herzegovina	134.9	165.7	104.7
Croatia	135.1	169.7	108.7
Czech Republic			
Estonia	72.6	86.9	62.3
France (23 of 26 regions) ‡	127.7	158.6	96.1
FYR of Macedonia	125.5	153.8	97.5
Israel	259.3	321.9	193.5
Italy (14 of 20 regions) † §	130.9	164.6	96.2
Latvia			
Montenegro	11.6	17.9	6.0
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	151.8	179.9	129.5
Spain (18 of 19 regions)			
Turkey †	347.3	378.4	315.0
Ukraine			

When cells are left empty, the data are unavailable

‡ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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 and Herzegovina	125.1	100	13.7	10.9	19.1	15.3	3.4	2.7	6.3	5.0	24.5	19.6	30.8	24.6	11.4	9.1	8.6	6.8	20.0	15.9	18.2	14.6	0	0
Croatia	125.5	100	15.3	12.2	12.8	10.2	7.9	6.3					35.4	28.2	21.0	16.7	1.4	1.1	14.9	11.8	4.3	3.4	12.6	10.1
Czech Republic																								
Estonia	73.1	100	8.2	11.2	14.2	19.4	4.5	6.1	11.2	15.3	4.5	6.1	15.7	21.4	19.4	26.5	0	0	11.2	15.3	0	0	0	0
France (23 of 26 regions) ‡ *	130.1	100	14.1	10.8	5.0	3.8	7.7	6.0					34.2	26.3	31.2	24.0	1.5	1.1	20.0	15.4	16.4	12.6	0	0
FYR of Macedonia	99.9	100	10.9	10.9	11.4	11.4	5.9	5.9	2.0	2.0	17.8	17.8	19.8	19.8	27.7	27.7	4.0	4.0	6.4	6.4	13.8	13.9	0	0
Israel	175.8	100	11.9	6.8	3.3	1.9	5.5	3.1	57.6	32.8	21.3	12.1	78.8	44.9	19.9	11.3	6.2	3.5	18.5	10.5	25.1	14.3	6.6	3.7
Italy (14 of 20 regions) † §	152.2	100	23.0	15.1	7.2	4.8	9.6	6.3					31.3	20.6	31.0	20.4	1.7	1.1	10.1	6.6	38.2	25.1	0.1	0.1
Latvia	107.7	100	15.7	14.6	14.8	13.8	9.4	8.8	2.2	2.1	13.9	12.9	16.2	15.0	16.2	15.0	1.8	1.7	24.2	22.5	9.4	8.8	0	0
Montenegro	11.3	100	3.2	28.6	0	0	0	0	3.2	28.6	1.6	14.3	4.8	42.9	3.2	28.6	0	0	0	0	0	0	0	0
Poland																								
Portugal																								
Russia																								
Serbia	133.5	100	14.1	10.5	9.4	7.1	9.4	7.1	8.8	6.6	22.7	17.0	31.5	23.6	38.0	28.5	3.3	2.5	22.4	16.8	5.3	4.0	0	0
Slovakia †	136.2	100	15.4	11.3	13.5	9.9	4.9	3.6					53.3	39.1	8.5	6.3	7.0	5.2	31.7	23.3	1.9	1.4	0	0
Spain (18 of 19 regions)																								
Turkey †	214.5	100	15.1	7.0	5.9	2.7	8.6	4.0	14.0	6.5	56.6	26.4	70.5	32.9	58.3	27.2	2.2	1.0	27.6	12.9	24.4	11.4	1.9	0.9
Ukraine																								

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 based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

* The type of diabetes is given by the comorbidity and not by the cause of renal failure

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

B3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2010, AT DAY 91

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 and Herzegovina	439	392	0	3	0	23	418	0	20	0	20	1	0	0	1	0
Croatia	557	436	0	31	14	20	501	16	28	5	49	6	1	0	7	0
Czech Republic †	1579			1493			1493			86	86					0
Estonia	98	42	0	0	1	29	72	3	22	0	25	1	0	0	1	0
France (23 of 26 regions) ‡	8230	6032	4	0	13	876	6925	313	503	0	816	43	397	44	484	5
FYR of Macedonia	202	198	0	0	0	0	198	0	2	0	2	2	0	0	2	0
Israel	1340	1191	0	0	0	0	1191	48	63	2	113	29	3	4	36	0
Italy (14 of 20 regions) † §	5850	4405	2	491	99	79	5076	241	342	1	584					190
Latvia	240	204	0	0			204			36	36	0	0	0	0	0
Montenegro	7	4	0	0	0	0	4	0	1	0	1	1	1	0	2	0
Poland																
Portugal																
Russia																
Serbia	1005	723	2	0	0	148	873	6	114	0	120	11	1	0	12	0
Slovakia †	718	435	0	0	0	262	697	9	12	0	21					0
Spain (18 of 19 regions)																
Turkey †	13194	11714	9	22	0	187	11932	280	982	0	1262					0
Ukraine																

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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
Bosnia and Herzegovina	125.1	111.7	0	0.9	0	6.6	119.2	0	5.7	0	5.7	0.3	0	0	0.3	0
Croatia	125.5	98.3	0	7.0	3.2	4.5	112.9	3.6	6.3	1.1	11.0	1.4	0.2	0	1.6	0
Czech Republic †	149.9			141.7			141.7			8.2	8.2					0
Estonia	73.1	31.3	0	0	0.7	21.6	53.7	2.2	16.4	0	18.7	0.7	0	0	0.7	0
France (23 of 26 regions) ‡	130.1	95.3	0.1	0	0.2	13.8	109.4	4.9	7.9	0	12.9	0.7	6.3	0.7	7.6	0.1
FYR of Macedonia	99.9	97.9	0	0	0	0	97.9	0	1.0	0	1.0	1.0	0	0	1.0	0
Israel	175.8	156.2	0	0	0	0	156.2	6.3	8.3	0.3	14.8	3.8	0.4	0.5	4.7	0
Italy (14 of 20 regions) † §	152.2	114.6	0.1	12.8	2.6	2.1	132.1	6.3	8.9	0	15.2					4.9
Latvia	107.7	91.5	0	0			91.5			16.2	16.2	0	0	0	0	0
Montenegro	11.3	6.5	0	0	0	0	6.5	0	1.6	0	1.6	1.6	1.6	0	3.2	0
Poland																
Portugal																
Russia																
Serbia	133.5	96.0	0.3	0	0	19.7	116.0	0.8	15.1	0	15.9	1.5	0.1	0	1.6	0
Slovakia †	136.2	82.5	0	0	0	49.7	132.2	1.7	2.3	0	4.0					0
Spain (18 of 19 regions)																
Turkey †	214.5	190.5	0.1	0.4	0	3.0	194.0	4.6	16.0	0	20.5					0
Ukraine																

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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 and Herzegovina	100	89.3	0	0.7	0	5.2	95.2	0	4.6	0	4.6	0.2	0	0	0.2	0
Croatia	100	78.3	0	5.6	2.5	3.6	89.9	2.9	5.0	0.9	8.8	1.1	0.2	0	1.3	0
Czech Republic †	100			94.6			94.6			5.4	5.4					0
Estonia	100	42.9	0	0	1.0	29.6	73.5	3.1	22.4	0	25.5	1.0	0	0	1.0	0
France (23 of 26 regions) ‡	100	73.3	0	0	0.2	10.6	84.1	3.8	6.1	0	9.9	0.5	4.8	0.5	5.9	0.1
FYR of Macedonia	100	98.0	0	0	0	0	98.0	0	1.0	0	1.0	1.0	0	0	1.0	0
Israel	100	88.9	0	0	0	0	88.9	3.6	4.7	0.1	8.4	2.2	0.2	0.3	2.7	0
Italy (14 of 20 regions) † §	100	75.3	0	8.4	1.7	1.4	86.8	4.1	5.8	0	10.0					3.2
Latvia	100	85.0	0	0			85.0			15.0	15.0	0	0	0	0	0
Montenegro	100	57.1	0	0	0	0	57.1	0	14.3	0	14.3	14.3	14.3	0	28.6	0
Poland																
Portugal																
Russia																
Serbia	100	71.9	0.2	0	0	14.7	86.9	0.6	11.3	0	11.9	1.1	0.1	0	1.2	0
Slovakia †	100	60.6	0	0	0	36.5	97.1	1.3	1.7	0	2.9					0
Spain (18 of 19 regions)																
Turkey †	100	88.8	0.1	0.2	0	1.4	90.4	2.1	7.4	0	9.6					0
Ukraine																

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia and Herzegovina	2591	738.6	1482	862.1	1109	619.9
Croatia	4176	941.2	2380	1114.8	1796	780.2
Czech Republic	10218	970.1				
Estonia	711	530.6	407	659.6	304	420.5
France (23 of 26 regions) ‡	67270	1063.1	40657	1321.5	26613	818.6
FYR of Macedonia	1478	731.0	867	854.2	611	606.8
Israel †	5516	723.6	3315	879.1	2201	571.4
Italy (14 of 20 regions) † §	34809	905.9	21535	1155.2	13274	671.0
Latvia	982	440.6	510	495.6	472	393.3
Montenegro	206	332.3	121	394.1	85	271.6
Poland	26334	727.0				
Portugal ¶	16788	1579.7	9524	1852.2	6773	1234.8
Russia	26327	185.5	14184	216.1	12143	159.2
Serbia	5546	736.7	3292	911.2	2254	575.7
Slovakia †	3020	572.7	1731	675.2	1289	475.8
Spain (18 of 19 regions)	47230	1036.6	29237	1299.1	17993	780.4
Turkey	52111	847.4	28877	934.5	23234	759.4
Ukraine #	5603	123.6	3108	148.7	2495	102.1

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

¶ Gender not reported for 491 patients

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

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 and Herzegovina	100	57.3	15.0	59.0	57.2	56.6	15.0	58.0	42.8	58.3	14.8	60.0
Croatia	100	59.7	15.2	61.0	57.0	58.9	14.6	60.0	43.0	60.8	15.2	62.0
Czech Republic												
Estonia	100	54.9	15.1	56.0	57.2	54.7	15.0	55.0	42.8	55.1	15.2	56.0
France (23 of 26 regions) ‡	100	61.1	16.8	62.3	60.4	60.9	16.6	62.1	39.6	61.4	17.0	62.6
FYR of Macedonia	100	56.1	14.2	57.0	58.7	55.6	14.6	56.0	41.3	56.8	13.8	
Israel †	100	61.3	17.1	64.4	60.1	61.2	17.2	63.9	39.9	61.6	17.0	65.4
Italy (14 of 20 regions) † §	100	67.4	15.1	70.3	61.9	67.0	15.3	69.8	38.1	68.0	15.3	71.2
Latvia	100	53.7	16.6	55.0	51.9	52.5	17.0	53.0	48.1	54.9	16.0	56.0
Montenegro	100	53.2	12.3	57.0	58.7	53.6	11.9	52.0	41.3	52.7	13.7	52.0
Poland												
Portugal	100	65.1			56.7				40.3			
Russia	100	47.5	14.3	49.0	53.9	47.0	14.3	48.0	46.1	48.2	14.3	50.0
Serbia	100	52.0			59.4	51.6			40.6	52.5		
Slovakia †	100	61.6	13.7	63.0	57.3	60.3	13.6	61.0	42.7	63.4	13.7	65.0
Spain (18 of 19 regions)	100	58.4	0.3	63.2	61.9	58.2	0.4	62.9	38.1	58.9	0.5	63.6
Turkey	100	52.9		55.5	55.4	52.6		55.1	44.6	53.3		56.1
Ukraine #	100				55.5				44.5			

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattia, Zaporizhka and Kiev city

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 and Herzegovina	799.0	932.8	670.9
Croatia	986.1	1218.5	800.8
Czech Republic			
Estonia	529.2	691.7	408.3
France (23 of 26 regions) ‡	1062.3	1300.6	825.9
FYR of Macedonia	902.7	1053.8	744.0
Israel †	1048.8	1253.7	837.1
Italy (14 of 20 regions) † §	777.7	964.3	586.4
Latvia			
Montenegro	287.1	363.9	214.0
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	639.7	783.5	521.3
Spain (18 of 19 regions)	1037.6	1282.5	787.9
Turkey	1295.2	1426.0	1160.7
Ukraine			

When cells are left empty, the data are unavailable

‡ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

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	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia and Herzegovina	738.6	100	146.5	19.8	134.8	18.3	36.2	4.9	23.1	3.1	92.1	12.5	115.2	15.6	55.9	7.6	14.8	2.0	154.2	20.9	81.0	11.0	0	0
Croatia	941.2	100	233.3	24.8	131.6	14.0	68.1	7.2					169.7	18.0	128.7	13.7	4.1	0.4	121.5	12.9	34.5	3.7	49.8	5.3
Czech Republic																								
Estonia	530.6	100	147.8	27.8	100.0	18.8	46.3	8.7	74.6	14.1	29.9	5.6	104.5	19.7	82.1	15.5	0	0	50.0	9.4	0	0	0	0
France (23 of 26 regions) ‡ *	1063.1	100	558.2	52.5	29.4	2.8	39.2	3.7					138.7	13.0	128.7	12.1	5.9	0.6	93.7	8.8	69.3	6.5	0	0
FYR of Macedonia	731.0	100	146.9	20.1	96.9	13.3	61.3	8.4	8.4	1.2	83.6	11.4	92.0	12.6	133.5	18.3	12.9	1.8	54.4	7.4	132.0	18.1	1.0	0.1
Israel †	723.6	100	67.0	9.3	28.1	3.9	25.7	3.6	187.2	25.9	120.7	16.7	307.9	42.5	69.9	9.7	19.9	2.8	79.0	10.9	118.9	16.4	7.2	1.0
Italy (14 of 20 regions) † §	905.9	100	167.2	18.5	60.8	6.7	72.0	8.0					147.5	16.3	170.3	18.8	9.4	1.0	63.4	7.0	214.4	23.7	0.8	0.1
Latvia	440.6	100	144.0	32.7	75.4	17.1	44.9	10.2					48.0	10.9	29.2	6.6	3.1	0.7	66.4	15.1	29.6	6.7	0	0
Montenegro	332.3	100	112.9	34.0	32.3	9.7	9.7	2.9	30.6	9.2	25.8	7.8	56.5	17.0	56.5	17.0	6.5	1.9	37.1	11.2	21.0	6.3	0	0
Poland □	727.0	100	78.1	10.7	57.3	7.9	38.9	5.4					105.8	14.6	62.1	8.5	0.8	0.1	55.5	7.6	39.2	5.4	289.3	39.8
Portugal & +	1579.7	100	142.3	9.0			78.0	4.9					281.2	17.8	170.9	10.8			216.6	13.7	235.3	14.9	455.4	28.8
Russia	185.5	100	84.4	45.5	19.5	10.5	18.3	9.9	11.1	6.0	7.6	4.1	18.7	10.1	8.2	4.4	1.2	0.6	23.4	12.6	11.8	6.4	0	0
Serbia	736.7	100	171.2	23.2	59.4	8.1	63.0	8.5	30.4	4.1	73.5	10.0	103.9	14.1	151.6	20.6	13.0	1.8	126.6	17.2	48.1	6.5	0	0
Slovakia †	572.7	100	83.6	14.6	67.9	11.9	25.2	4.4					183.0	32.0	40.8	7.1	22.0	3.8	143.2	25.0	7.0	1.2	0	0
Spain (18 of 19 regions) ¶	1036.6	100	192.4	18.6	120.1	11.6	98.5	9.5					147.8	14.3	107.6	10.4			122.3	11.8	207.9	20.1	39.9	3.9
Turkey	847.4	100	75.9	9.0	35.4	4.2	40.7	4.8	33.5	4.0	192.0	22.7	225.6	26.6	215.8	25.5	6.7	0.8	103.8	12.3	135.3	16.0	8.2	1.0
Ukraine #	123.6	100	61.1	49.5	20.6	16.7	11.3	9.2					15.9	12.9	3.8	3.1			9.5	7.7	0.4	0.3	0.9	0.7

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 based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

* The type of diabetes is given by the comorbidity and not by the cause of renal failure

† Data include dialysis patients only

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

& Pyelonephritis is not reported separately, but is included into miscellaneous

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

|| Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque country, Canary Islands, Cantabria, Castile and León, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Community of 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 regions Zakarpattya, Zaporizhka and Kiev city

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 and Herzegovina	2591	2011	0	1	1	292	2305	3	108	0	111	133	29	4	166	9
Croatia	4176	2273	1	250	47	121	2692	67	149	18	234	151	972	127	1250	0
Czech Republic	10218	3567	0	0	0	2253	5820			498	498			3900	3900	0
Estonia	711	56	0	0	3	178	237	32	44	0	76	37	361	0	398	0
France (23 of 26 regions) ‡	67270	29641	249	8	56	4896	34850	1089	1490	0	2579	2083	27588	170	29841	0
FYR of Macedonia	1478	1311	1	0	0	0	1312	1	25	0	26	133	7	0	140	0
Israel †	5516	5175	0	0	0	0	5175	178	161	2	341	0	0	0	0	0
Italy (14 of 20 regions) † §	34809	22743	11	2839	1422	1846	28861	1246	1286	3	2535					3413
Latvia	982	414	0	0			414			110	110	17	441	0	458	0
Montenegro	206	112	0	0	0	0	112	3	10	0	13	49	15	17	81	0
Poland	26334	17193	0	0			17193	479	620	0	1099			8042	8042	0
Portugal	16788	5717	0	0	0	4435	10152	344	316	0	660			5976	5976	0
Russia	26327	18722	0	0	0	0	18722	49	1708	0	1757	757	5091	0	5848	0
Serbia	5546	2958	76	0	0	1047	4081	19	449	0	468	718	279	0	997	0
Slovakia †	3020	1483	1	0	0	1434	2918	52	50	0	102					
Spain (18 of 19 regions)	47230	21450	0	2	0	228	21680	521	1889	0	2410			23140	23140	0
Turkey	52111	40077	12	44	30	1133	41296	1277	3116	0	4393	4517	1791	114	6422	0
Ukraine #	5603	4181	0	0			4181			650	650			772	772	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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

Table B.4.6
Prevalence per million population, unadjusted
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 and Herzegovina	738.6	573.3	0	0.3	0.3	83.2	657.1	0.9	30.8	0	31.6	37.9	8.3	1.1	47.3	2.6
Croatia	941.2	512.3	0.2	56.3	10.6	27.3	606.7	15.1	33.6	4.1	52.7	34.0	219.1	28.6	281.7	0
Czech Republic	970.1	338.7	0	0	0	213.9	552.5			47.3	47.3			370.3	370.3	0
Estonia	530.6	41.8	0	0	2.2	132.8	176.9	23.9	32.8	0	56.7	27.6	269.4	0	297.0	0
France (23 of 26 regions) ‡	1063.1	468.4	3.9	0.1	0.9	77.4	550.8	17.2	23.5	0	40.8	32.9	436.0	2.7	471.6	0
FYR of Macedonia	731.0	648.4	0.5	0	0	0	648.9	0.5	12.4	0	12.9	65.8	3.5	0	69.2	0
Israel †	723.6	678.9	0	0	0	0	678.9	23.4	21.1	0.3	44.7	0	0	0	0	0
Italy (14 of 20 regions) † §	905.9	591.9	0.3	73.9	37.0	48.0	751.1	32.4	33.5	0.1	66.0					88.8
Latvia	440.6	185.7	0	0			185.7			49.3	49.3	7.6	197.8	0	205.5	0
Montenegro	332.3	180.6	0	0	0	0	180.6	4.8	16.1	0	21.0	79.0	24.2	27.4	130.6	0
Poland	727.0	474.7	0	0			474.7	13.2	17.1	0	30.3			222.0	222.0	0
Portugal	1579.7	538.0	0	0	0	417.3	955.3	32.4	29.7	0	62.1			562.3	562.3	0
Russia	185.5	131.9	0	0	0	0	131.9	0.3	12.0	0	12.4	5.3	35.9	0	41.2	0
Serbia	736.7	392.9	10.1	0	0	139.1	542.1	2.5	59.6	0	62.2	95.4	37.1	0	132.4	0
Slovakia †	572.7	281.2	0.2	0	0	272.0	553.4	9.9	9.5	0	19.3					
Spain (18 of 19 regions)	1036.6	470.8	0	0	0	5.0	475.8	11.4	41.5	0	52.9			507.9	507.9	0
Turkey	847.4	651.7	0.2	0.7	0.5	18.4	671.5	20.8	50.7	0	71.4	73.5	29.1	1.9	104.4	0
Ukraine #	123.6	92.2	0	0			92.2			14.3	14.3			17.0	17.0	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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

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 and Herzegovina	100	77.6	0	0	0	11.3	89.0	0.1	4.2	0	4.3	5.1	1.1	0.2	6.4	0.3
Croatia	100	54.4	0	6.0	1.1	2.9	64.5	1.6	3.6	0.4	5.6	3.6	23.3	3.0	29.9	0
Czech Republic	100	34.9	0	0	0	22.0	57.0			4.9	4.9			38.2	38.2	0
Estonia	100	7.9	0	0	0.4	25.0	33.3	4.5	6.2	0	10.7	5.2	50.8	0	56.0	0
France (23 of 26 regions) ‡	100	44.1	0.4	0	0.1	7.3	51.8	1.6	2.2	0	3.8	3.1	41.0	0.3	44.4	0
FYR of Macedonia	100	88.7	0.1	0	0	0	88.8	0.1	1.7	0	1.8	9.0	0.5	0	9.5	0
Israel †	100	93.8	0	0	0	0	93.8	3.2	2.9	0	6.2	0	0	0	0	0
Italy (14 of 20 regions) † §	100	65.3	0	8.2	4.1	5.3	82.9	3.6	3.7	0	7.3					9.8
Latvia	100	42.2	0	0			42.2			11.2	11.2	1.7	44.9	0	46.6	0
Montenegro	100	54.4	0	0	0	0	54.4	1.5	4.9	0	6.3	23.8	7.3	8.3	39.3	0
Poland	100	65.3	0	0			65.3	1.8	2.4	0	4.2			30.5	30.5	0
Portugal	100	34.1	0	0	0	26.4	60.5	2.0	1.9	0	3.9			35.6	35.6	0
Russia	100	71.1	0	0	0	0	71.1	0.2	6.5	0	6.7	2.9	19.3	0	22.2	0
Serbia	100	53.3	1.4	0	0	18.9	73.6	0.3	8.1	0	8.4	12.9	5.0	0	18.0	0
Slovakia †	100	49.1	0	0	0	47.5	96.6	1.7	1.7	0	3.4					
Spain (18 of 19 regions)	100	45.4	0	0	0	0.5	45.9	1.1	4.0	0	5.1			49.0	49.0	0
Turkey	100	76.9	0	0.1	0.1	2.2	79.2	2.5	6.0	0	8.4	8.7	3.4	0.2	12.3	0
Ukraine #	100	74.6	0	0			74.6			11.6	11.6			13.8	13.8	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
 When cells are left empty, the data are unavailable

† Data include dialysis patients only

‡ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

Table B.5.1
Renal transplants performed in 2010, 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 and Herzegovina	23	100	11	47.8	3	13.0	0	0	14	60.9	8	34.8	1	4.3
Croatia	242	100	15	6.2	4	1.7	0	0	19	7.9	221	91.3	2	0.8
Czech Republic	347	100					17	4.9	17	4.9	330	95.1	0	0
Estonia	39	100	4	10.3	0	0	0	0	4	10.3	35	89.7	0	0
France (23 of 26 regions) ‡	2864	100	283	9.9	0	0	0	0	283	9.9	2581	90.1	0	0
FYR of Macedonia	9	100	9	100	0	0	0	0	9	100	0	0	0	0
Israel	387	100					126	32.6	126	32.6	196	50.6	65	16.8
Italy (14 of 20 regions) &	1512	100											1512	100
Latvia	52	100	2	3.8	0	0	0	0	2	3.8	50	96.2	0	0
Montenegro	4	100	1	25.0	1	25.0	0	0	2	50.0	2	50.0	0	0
Poland	999	100											999	100
Portugal	573	100					51	8.9	51	8.9	522	91.1	0	0
Russia	1037	100	170	16.4	0	0	0	0	170	16.4	867	83.6	0	0
Serbia	101	100	31	30.7	2	2.0	0	0	33	32.7	68	67.3	0	0
Slovakia +	169	100	5	3.0	2	1.2	0	0	7	4.1	162	95.9	0	0
Spain (18 of 19 regions) □	2225	100					240	10.8	240	10.8	1985	89.2	0	0
Turkey	1270	100	716	56.4	249	19.6	2	0.2	967	76.1	303	23.9	0	0
Ukraine #	108	100											108	100

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

& Data from: Centro Nazionale Trapianti

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2010 from total Spanish population

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

Table B.5.2
Renal transplants performed in 2010, per million population
by donor type

	Total	Living			Deceased	Donor type Unkn	
		Related	Unrelated	Type Unkn	All		
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	
Bosnia and Herzegovina	6.6	3.1	0.9	0	4.0	2.3	0.3
Croatia	54.5	3.4	0.9	0	4.3	49.8	0.5
Czech Republic	32.9			1.6	1.6	31.3	0
Estonia	29.1	3.0	0	0	3.0	26.1	0
France (23 of 26 regions) ‡	45.3	4.5	0	0	4.5	40.8	0
FYR of Macedonia	4.5	4.5	0	0	4.5	0	0
Israel	50.8			16.5	16.5	25.7	8.5
Italy (14 of 20 regions) &	39.3						39.3
Latvia	23.3	0.9	0	0	0.9	22.4	0
Montenegro	6.5	1.6	1.6	0	3.2	3.2	0
Poland	27.6						27.6
Portugal	53.9			4.8	4.8	49.1	0
Russia	7.3	1.2	0	0	1.2	6.1	0
Serbia	13.4	4.1	0.3	0	4.4	9.0	0
Slovakia +	32.1	0.9	0.4	0	1.3	30.7	0
Spain (18 of 19 regions) □	47.3			5.1	5.1	42.2	0
Turkey	20.7	11.6	4.0	0	15.7	4.9	0
Ukraine #	2.4						2.4

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, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

& Data from: Centro Nazionale Trapianti

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2010 from total Spanish population

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

IV Summary Data

IV Summary Data

The summary data on the incidence and prevalence of renal replacement therapy in 2010 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 2010, at day 1				Prevalence on December 31, 2010			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Austria	8390	1162	139	350	42	8355	996	1767	211
Belgium, Dutch-speaking	6279	1226	195	257	41	7322	1166	1333	212
Belgium, French-speaking	4616	885	192	183	40	5712	1237	960	208
Denmark	5604	673	120	155	28	4745	847	783	140
Finland	5363	437	82	151	28	4242	791	1096	204
France (20 of 26 regions) §	46756	6991	150	1461	31	49348	1055	6864	147
Greece	11308	2154	191	629	56	12212	1080	2273	201
Iceland	318	33	104	5	16	190	597	16	50
Italy (8 of 20 regions) † #	15605	2153	138	409	26	16595	1065	2029	130
Norway	4889	509	104	87	18	4195	858	515	105
Romania ¶	21438	2666	124	379	18	12085	564	1192	56
Spain, Andalusia	8398	989	118	225	27	8558	1019	1142	136
Spain, Aragon	1347	166	123	41	30	1480	1099	247	183
Spain, Asturias	1084	137	126	30	28	1077	993	159	147
Spain, Basque country	2181	235	108	39	18	2296	1053	230	105
Spain, Canary Islands	2123	331	156	154	73	2437	1148	829	391
Spain, Cantabria	593	76	128	16	27	534	901	63	106
Spain, Castile and León	2559	298	117	83	32	2609	1020	401	157
Spain, Castile-La Mancha	2107	225	107	58	28	2035	966	301	143
Spain, Catalonia	7512	955	127	217	29	8928	1188	1185	158
Spain, Extremadura	1108	149	134	49	44	1107	999	154	139
Spain, Galicia	2797	384	137	99	35	3160	1130	504	180
Spain, Valencian region	5112	708	139	129	25	5778	1130	668	131
Sweden	9378	1135	121	270	29	8525	909	1553	166
The Netherlands	16615	1960	118	277	17	15383	926	1672	101
United Kingdom, England	52234	5546	106	1135	22	42675	817	6199	119
United Kingdom, Northern Ireland	1800	175	97	46	26	1494	830	222	123
United Kingdom, Scotland	5222	519	99	121	23	4434	849	610	117
United Kingdom, Wales	3006	377	125	94	31	2578	858	387	129
All countries	255742	33254	130	7149	28	240089	939	35354	138

§ Data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

† Data based on the regions Abruzzo, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto

The overall prevalence of RRT is underestimated by approximately 11% due to an estimated 25-30% underreporting of patients living on a functioning graft

¶ The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft

It should be mentioned that Belgium (Dutch-speaking), Belgium (French-speaking), Spain (Cantabria), Spain (Castile-La Mancha), Spain (Castile and Leon), 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 2010, at day 1				Prevalence on December 31, 2010			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Bosnia and Herzegovina	3508	510	145	124	35	2591	739	404	115
Croatia	4437	622	140	168	38	4176	941	753	170
Czech Republic †	10533	2083	198			10218	970		
Estonia	1340	100	75	21	16	711	531	140	105
France (23 of 26 regions) ‡	63276	9439	149	2035	32	67270	1063	8775	139
FYR of Macedonia	2022	249	123	49	24	1478	731	186	92
Israel *	7623	1423	187	635	83	5516	724	2347	308
Italy (14 of 20 regions) † * §	38437	6167	161	1254	33	34809	906	5667	148
Latvia	2229	269	121	38	17	982	441	107	48
Montenegro	620	13	21	4	7	206	332	35	57
Poland +	36221	5174	143	1189	33	26334	727	3832	106
Portugal	10627	2519	237	794	75	16788	1580	2988	281
Russia	141914	5606	40	886	6	26327	186	2654	19
Serbia	7528	1420	189	336	45	5546	737	782	104
Slovakia † *	5273	882	167	330	63	3020	573	965	183
Spain (18 of 19 regions) //	45563	5518	121	1356	30	47230	1037	6736	148
Turkey †	61485	15509	252	4990	81	52111	847	13871	226
Ukraine #	45324	1041	23	229	5	5603	124	722	16
All countries	487960	58544	120	14438	30	310916	637	50964	107

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 based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion

§ Data based on the regions Abruzzo, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, and Veneto

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

// Data based on the regions Andalusia, Aragon, Asturias, Balearic Islands, Basque country, Canary Islands, Cantabria, Castile and León, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Community of Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla

Data do not include the regions Zakarpattya, Zaporizhka and Kiev city

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 20 registries from 12 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Denmark, Finland, France, Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Catalonia), Spain (Galicia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). In the analyses the data collected between 2001 and 2010 were used. As not all countries provided data over the complete period and to allow for comparison over the years, data regarding 2006 through 2010 are shown both including and excluding the data from France, Romania, Spain (Aragon), Spain (Canary Islands), Spain, (Extremadura) and Spain (Galicia). 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. However, as not all regions did have specialized paediatric centres, also non-residents were included in the incidence and prevalence.

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.

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
2001	19656	4534	4907	5025	5189
2002	19668	4630	4828	5044	5166
2003	19695	4669	4773	5086	5168
2004	19633	4715	4734	5098	5086
2005	19659	4749	4714	5079	5117
2006	19777	4791	4746	5043	5196
2007	19843	4832	4758	4996	5256
2008	20047	4907	4851	4973	5316
2009	20008	4973	4841	4895	5300
2010	20016	5012	4877	4861	5266
2006 *	25626	6048	6057	6440	7081
2007 *	26002	6207	6165	6463	7167
2008 *	34673	8434	8406	8499	9334
2009 *	35053	8664	8530	8561	9298
2010 *	37272	9283	9190	9120	9679
2001-2010 *	256938	61934	62304	64416	68284

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

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

Primary renal disease group	Primary renal disease code (see appendix 1)
Congenital anomalies of the kidney and urinary tract (CAKUT)	20, 21, 22, 23, 24, 25, 29, 60, 61, 63, and 66
Glomerulonephritis	10, 11, 12, 13, 14, 15, 16, 17, 19, and 86
Cystic kidney disease	40, 41, 42, 43, and 49
Hereditary nephropathy	50, 51, and 59
Ischaemic renal failure	90
Haemolytic uraemic syndrome (HUS)	88
Metabolic disorders	52, 53, 54, 92, and 93
Vasculitis	73, 74, 84, 85, and 87
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
2001-2002	393	71	57	95	170
2003-2004	405	75	48	110	172
2005-2006	401	85	54	94	168
2007-2008	405	87	48	102	168
2009-2010	390	105	53	98	134
2005-2006 *	449	87	60	102	200
2007-2008 *	572	105	64	140	263
2009-2010 *	633	143	87	146	257
2001-2010 *	2452	481	316	593	1062

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.2.2
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
2001-2002	163	163	66	4	59	8	16	29	12	40	36	19	103	39	27
2003-2004	179	128	98	11	49	15	17	14	17	40	37	33	111	28	33
2005-2006	163	138	97	16	57	12	10	24	20	35	28	29	102	29	36
2007-2008	162	137	104	17	59	11	12	14	22	44	28	29	89	36	42
2009-2010	149	135	106	24	64	17	20	16	17	30	26	42	75	29	30
2005-2006 *	196	148	102	16	59	12	13	26	21	39	31	30	128	32	39
2007-2008 *	260	177	126	23	71	11	15	20	26	70	35	34	152	51	55
2009-2010 *	300	179	153	37	83	23	40	19	27	59	32	55	164	45	48
2001-2010 *	1098	795	545	91	321	69	101	108	103	248	171	171	658	195	202

For 28 patients information on treatment modality at start was unavailable

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.2.3
Incident counts
between 2001 and 2010, 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
CAKUT	764	168	94	218	284
Glomerulonephritis	446	44	54	97	251
Cystic kidney disease	183	32	32	54	65
Hereditary Nephropathy	175	72	16	24	63
Ischaemic Renal Failure	44	16	8	10	10
HUS	81	30	12	15	24
Metabolic disorders	52	13	15	15	9
Vasculitis	66	2	3	18	43
Miscellaneous	291	71	44	59	117
Missing, unknown	350	33	38	83	196

Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.4

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
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2001-2002	10.0	7.7	5.9	9.4	16.4
2003-2004	10.3	8.0	5.0	10.8	16.8
2005-2006	10.2	8.9	5.7	9.3	16.3
2007-2008	10.2	8.9	5.0	10.2	15.9
2009-2010	9.7	10.5	5.5	10.0	12.7
2005-2006 *	9.9	8.1	5.6	8.9	16.4
2007-2008 *	9.4	7.2	4.4	9.4	15.9
2009-2010 *	8.8	8.0	4.9	8.3	13.5
2001-2010 *	9.5	7.8	5.1	9.2	15.6

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.2.5

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
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2001-2002	4.1	4.1	1.7	0.4	6.4	0.9	1.6	3.0	1.2	4.0	3.6	1.9	9.9	3.8	2.6
2003-2004	4.6	3.3	2.5	1.2	5.2	1.6	1.8	1.5	1.8	3.9	3.6	3.2	10.8	2.7	3.2
2005-2006	4.1	3.5	2.5	1.7	6.0	1.3	1.1	2.5	2.1	3.5	2.8	2.9	9.9	2.8	3.5
2007-2008	4.1	3.4	2.6	1.7	6.1	1.1	1.2	1.5	2.3	4.4	2.8	2.9	8.4	3.4	4.0
2009-2010	3.7	3.4	2.6	2.4	6.4	1.7	2.1	1.6	1.7	3.1	2.7	4.3	7.1	2.7	2.8
2005-2006 *	4.3	3.3	2.3	1.5	5.5	1.1	1.2	2.4	1.9	3.4	2.7	2.6	10.5	2.6	3.2
2007-2008 *	4.3	2.9	2.1	1.6	4.8	0.8	1.0	1.4	1.8	4.7	2.3	2.3	9.2	3.1	3.3
2009-2010 *	4.1	2.5	2.1	2.1	4.6	1.3	2.3	1.1	1.5	3.3	1.8	3.1	8.6	2.4	2.5
2001-2010 *	4.3	3.1	2.1	1.5	5.2	1.1	1.6	1.7	1.7	3.8	2.7	2.7	9.6	2.9	3.0

For 28 patients information on treatment modality at start was unavailable

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.2.6

Incident rates per million age-related population
between 2001 and 2010, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
CAKUT	3.0	2.7	1.5	3.4	4.2
Glomerulonephritis	1.7	0.7	0.9	1.5	3.7
Cystic kidney disease	0.7	0.5	0.5	0.8	1.0
Hereditary Nephropathy	0.7	1.2	0.3	0.4	0.9
Ischaemic Renal Failure	0.2	0.3	0.1	0.2	0.1
HUS	0.3	0.5	0.2	0.2	0.4
Metabolic disorders	0.2	0.2	0.2	0.2	0.1
Vasculitis	0.3	0.0	0.0	0.3	0.6
Miscellaneous	1.1	1.1	0.7	0.9	1.7
Missing, unknown	1.4	0.5	0.6	1.3	2.9

Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

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
2001	1310	99	191	368	652
2002	1294	101	186	388	619
2003	1316	106	179	386	645
2004	1334	98	184	391	661
2005	1348	105	192	372	679
2006	1363	102	224	348	689
2007	1371	114	222	338	697
2008	1375	107	222	347	699
2009	1395	133	233	357	672
2010	1368	136	223	350	659
2006 *	1473	104	234	377	758
2007 *	1510	118	233	369	790
2008 *	1967	140	302	502	1023
2009 *	2005	167	317	513	1008
2010 *	2026	185	313	509	1019

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.3.2

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
2001	148	166	980	7	50	41	11	24	152	30	36	301	100	56	486
2002	142	141	1001	6	46	49	9	20	156	35	31	321	92	44	475
2003	149	121	1035	13	35	58	18	18	142	27	23	334	91	45	501
2004	162	122	1044	9	33	56	16	15	153	30	31	327	107	43	508
2005	161	118	1059	7	34	64	13	26	153	31	21	316	110	37	526
2006	159	117	1077	12	34	56	13	29	181	29	19	296	105	35	544
2007	151	119	1093	14	43	57	18	16	187	27	22	288	92	38	561
2008	144	85	1137	13	32	62	14	15	192	29	17	299	88	21	584
2009	152	115	1121	19	48	66	17	22	194	29	21	306	87	24	555
2010	145	112	1105	18	52	66	16	17	190	27	16	306	84	27	543
2006 *	211	141	1110	12	35	57	14	34	185	43	27	303	142	45	565
2007 *	216	151	1135	15	44	59	20	21	191	43	30	295	138	56	590
2008 *	262	145	1542	20	47	73	20	24	255	61	32	404	161	42	810
2009 *	284	172	1542	23	61	83	31	29	257	62	37	413	168	45	789
2010 *	297	178	1540	25	73	86	27	29	257	56	32	420	189	44	777

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.3.3

Prevalent counts
prevalent patients on December 31, 2010, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
CAKUT	694	73	98	186	337
Glomerulonephritis	325	17	49	75	184
Cystic kidney disease	169	7	27	36	99
Hereditary Nephropathy	182	27	40	45	70
Ischaemic Renal Failure	42	6	11	10	15
HUS	79	6	15	29	29
Metabolic disorders	49	11	4	13	21
Vasculitis	26	0	1	7	18
Miscellaneous	241	25	42	62	112
Missing, unknown	219	13	26	46	134

Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

P3 PREVALENT PATIENTS ON RRT

Table P.3.4

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
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2001	66.6	21.8	38.9	73.2	125.6
2002	65.8	21.8	38.5	76.9	119.8
2003	66.8	22.7	37.5	75.9	124.8
2004	67.9	20.8	38.9	76.7	130.0
2005	68.6	22.1	40.7	73.2	132.7
2006	68.9	21.3	47.2	69.0	132.6
2007	69.1	23.6	46.7	67.6	132.6
2008	68.6	21.8	45.8	69.8	131.5
2009	69.7	26.7	48.1	72.9	126.8
2010	68.3	27.1	45.7	72.0	125.1
2006 *	57.5	17.2	38.6	58.5	107.1
2007 *	58.1	19.0	37.8	57.1	110.2
2008 *	56.7	16.6	35.9	59.1	109.6
2009 *	57.2	19.3	37.2	59.9	108.4
2010 *	54.4	19.9	34.1	55.8	105.3

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.3.5

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
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2001	7.5	8.4	49.9	1.5	11.0	9.0	2.2	4.9	31.0	6.0	7.2	59.9	19.3	10.8	93.7
2002	7.2	7.2	50.9	1.3	9.9	10.6	1.9	4.1	32.3	6.9	6.1	63.6	17.8	8.5	91.9
2003	7.6	6.1	52.6	2.8	7.5	12.4	3.8	3.8	29.8	5.3	4.5	65.7	17.6	8.7	97.0
2004	8.3	6.2	53.2	1.9	7.0	11.9	3.4	3.2	32.3	5.9	6.1	64.1	21.0	8.5	99.9
2005	8.2	6.0	53.9	1.5	7.2	13.5	2.8	5.5	32.5	6.1	4.1	62.2	21.5	7.2	102.8
2006	8.0	5.9	54.5	2.5	7.1	11.7	2.7	6.1	38.1	5.8	3.8	58.7	20.2	6.7	104.7
2007	7.6	6.0	55.1	2.9	8.9	11.8	3.8	3.4	39.3	5.4	4.4	57.6	17.5	7.2	106.7
2008	7.2	4.2	56.7	2.6	6.5	12.6	2.9	3.1	39.6	5.8	3.4	60.1	16.6	4.0	109.9
2009	7.6	5.7	56.0	3.8	9.7	13.3	3.5	4.5	40.1	5.9	4.3	62.5	16.4	4.5	104.7
2010	7.2	5.6	55.2	3.6	10.4	13.2	3.3	3.5	39.0	5.6	3.3	63.0	16.0	5.1	103.1
2006 *	8.2	5.5	43.3	2.0	5.8	9.4	2.3	5.6	30.5	6.7	4.2	47.1	20.1	6.4	79.8
2007 *	8.3	5.8	43.6	2.4	7.1	9.5	3.2	3.4	31.0	6.7	4.6	45.6	19.3	7.8	82.3
2008 *	7.6	4.2	44.5	2.4	5.6	8.7	2.4	2.9	30.3	7.2	3.8	47.5	17.2	4.5	86.8
2009 *	8.1	4.9	44.0	2.7	7.0	9.6	3.6	3.4	30.1	7.2	4.3	48.2	18.1	4.8	84.9
2010 *	8.0	4.8	41.3	2.7	7.9	9.3	2.9	3.2	28.0	6.1	3.5	46.1	19.5	4.5	80.3

* Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

Table P.3.6

Prevalence per million age-related population
prevalent patients on December 31, 2010, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
CAKUT	18.6	7.9	10.7	20.4	34.8
Glomerulonephritis	8.7	1.8	5.3	8.2	19.0
Cystic kidney disease	4.5	0.8	2.9	3.9	10.2
Hereditary Nephropathy	4.9	2.9	4.4	4.9	7.2
Ischaemic Renal Failure	1.1	0.6	1.2	1.1	1.5
HUS	2.1	0.6	1.6	3.2	3.0
Metabolic disorders	1.3	1.2	0.4	1.4	2.2
Vasculitis	0.7	0.0	0.1	0.8	1.9
Miscellaneous	6.5	2.7	4.6	6.8	11.6
Missing, unknown	5.9	1.4	2.8	5.0	13.8

Including data from Romania and Spain (Aragon, Canary Islands, Extremadura) since 2006, Spain (Galicia) since 2007, and France since 2008 (coverage from 53.7% in 2008 to 72.6% in 2010)

VI Methods

VI Methods

The ERA-EDTA Registry is located at the Department of Medical Informatics of 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. The quality management system has been certified according to the ISO 9001:2000 norm since 2004 and according to the ISO 9001:2008 norm since September 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 27 national and regional registries from 14 countries were used to create the tables in Section A of this annual report (see Figure 1).

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 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 20 of 26 regions, including Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Champagne-Ardenne, Corsica, Franche-Comté, Languedoc-Roussillon, Limousin, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion.

The data on Italy presented in Section A of this report, are based on separate datasets from 8 of 20 regions, including Abruzzi, Aosta Valley, Basilicata, Calabria, Emilia-Romagna, Sardinia, Umbria, and Veneto.

The data on Spain presented in Section A of this report are based on separate datasets from 12 of 19 regions, including Andalusia, Aragon, Asturias, Basque country, Canary Islands, Cantabria, Castile and León, Castile-La Mancha, Catalonia, Extremadura, Galicia, 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 (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), 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 2011. For the following registries data were only available until 31 December 2010: Denmark, Italy (all regions), Spain (Asturias), Spain (Canary Islands), Spain (Catalonia), Spain (Extremadura), and Spain (Galicia). 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.

In Romania, the kidney transplantation activity reflects 70% of the total kidney transplantation activity in the country because there is an underreporting of pre-emptive transplantations. As a consequence, the overall incidence and prevalence of RRT were underestimated by approximately 1% and 3%, respectively.

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 (a database management system) 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 2010
Austria	registry
Belgium, Dutch-speaking	http://aps.vlaanderen.be/
Belgium, French-speaking	http://aps.vlaanderen.be/
Denmark	http://epp.eurostat.ec.europa.eu/
Greenland	https://www.arcticstat.org
Finland	http://epp.eurostat.ec.europa.eu/
France	registry
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, Aragon	http://www.ine.es/
Spain, Asturias	http://www.ine.es/
Spain, Basque country	http://www.ine.es/
Spain, Canary Islands	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, Galicia	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/

† Population data for 2010, specific month unknown

Reference population

Since the 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 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 18 national registries are used for the preparation of the tables in Section B (see Figure 1). The following countries participated in Section B of this year's annual report: Bosnia and Herzegovina, Croatia, Czech Republic, Estonia, France, FYR of Macedonia, Israel, Italy, Latvia, Montenegro, Poland, Portugal, Russia, Serbia, Slovakia, Spain, Turkey, and Ukraine.

Data from France are based on 23 of 26 regions, including Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre, Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France, Languedoc-Roussillon, Limousin, Lorraine, Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône-Alpes, Upper Normandy, and the overseas department of Réunion.

Data from Italy are based on 14 of 20 regions, including Abruzzi, Aosta Valley, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Sicily, Trentino-Alto Adige, Umbria, 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 León, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, Community of Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla.

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 during a specific period of time which, in this annual report, is a year (2010). Prevalence is the number of people in a given population with a particular disease at a given time, in this annual report at December 31, 2010.

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 34 data sets from national or regional registries from 14 countries that provided individual patient data for 2010, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France (20 regions), Greece, Iceland, Italy (8 regions), Norway, Romania, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Methods for calculating incidence and prevalence

Incidence 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. For the incidence or prevalence per million age-related population (Pmarp) the observed incident or prevalent count per age category was divided by the general population in that age category and multiplied by one million.

For those registries that had no data available with a follow-up until March 31, 2011, 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 2010, when compared to patients who started RRT in the last three months of 2010.

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 across countries 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 the 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 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 Pmp	Reference population %
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 is: $(0.317 * 332) + (0.393 * 261) + (0.29 * 64) = 226$ 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 [3]. For the analysis of survival data two five-year cohorts were used:

- 2001-2005 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2004-2008 - 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 (Aragon), Spain (Castile and León), Spain (Castile-La Mancha) and Spain (Extremadura) were only included in the analyses based on the second cohort (2004-2008), because for these registries complete data were available from 2002.

December 31, 2010 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

* Only when a patients' renal function recovered for more than 30 days this was considered as a censored observation.

Unadjusted survival probabilities

Unadjusted survival probabilities were calculated using the Kaplan-Meier method, and corresponding confidence intervals were calculated according to Bie et al. [3]. 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 [4]. 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 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 [5].

To be able to calculate expected remaining lifetimes we used data from registries providing data from 1999 until 2010. Consequently, the data of the following national or regional registries from 12 countries were suitable for this analysis: 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). 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 recent 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 20 national or regional registries from 12 countries that provided complete individual patient data in their paediatric population for 2000 to 2010, including Austria, Denmark, Finland, France (20 regions), Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). France provided data since 2008, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002, Spain (Galicia) since 2007 and Romania and Spain (Aragon) provided data since 2006. Furthermore, as not every region in Spain had a specialised paediatric centre, paediatric patients could be treated in other regions than their resident region. This would result in an underestimation of the incidence and prevalence in these regions. To adjust for this, non-resident paediatric patients were not excluded in the paediatric section.

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 2001 and 2010. The cohorts 2005-2006, 2007-2008 and 2009-2010 were presented twice, once including and once excluding the countries with a limited follow-up to allow for a comparison over time. The incidence on RRT Pmarp 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 2009 + the total population in 2010) multiplied by one million. The grouping of primary renal disease codes for the paediatric population is described in Table P.1.2 as it differs from the grouping in the adult population.

The prevalence on RRT was presented at December 31 of each year from 2001 to 2010. Again, the years 2006, 2007, 2008, 2009 and 2010 were presented twice to allow for a comparison over time. The prevalence on RRT by cause of renal failure was calculated for patients prevalent on December 31, 2010.

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- 4) Altman, D. *Practical statistics for medical research*. second ed. 1999, London: Chapman & Hall.
- 5) U.S. Renal Data System, *USRDS 2010 Annual Data Report: Atlas of End-Stage Renal Disease in the United States*, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2010.

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
Ischaemic renal disease/cholesterol embolism (1998 prd code)		75	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 and Herzegovina	-	-	-	+	-
Croatia	-	-	-	+	-
Czech Republic	-	-	-	+	-
Denmark	+	+	+	-	+
Estonia	-	-	-	+	-
Finland	+	+	+	-	+
France *	+	-	-	+	+
FYR of Macedonia	-	-	-	+	-
Greece	+	+	+	-	+
Iceland	+	+	+	-	+
Israel	-	-	-	+	-
Italy † ‡	+	+	+	+	-
Latvia	-	-	-	+	-
Montenegro	-	-	-	+	-
Norway	+	+	+	-	+
Poland	-	-	-	+	-
Portugal	-	-	-	+	-
Romania	+	-	-	-	+
Russia	-	-	-	+	-
Serbia	-	-	-	+	-
Slovakia	-	-	-	+	-
Spain, Andalusia	+	+	+	+	+
Spain, Aragon	+	+	-	+	+
Spain, Asturias	+	+	+	+	+
Spain, Balearic Islands	-	-	-	+	-
Spain, Basque country	+	+	+	+	+
Spain, Canary Islands	+	-	-	+	+
Spain, Cantabria	+	+	+	+	-
Spain, Castile and León	+	+	-	+	-
Spain, Castile-La Mancha	+	+	-	+	-
Spain, Catalonia	+	+	+	+	+
Spain, Ceuta	-	-	-	+	-
Spain, Community of Madrid	-	-	-	+	-
Spain, Extremadura	+	+	-	+	+
Spain, Galicia	+	-	-	+	+
Spain, La Rioja	-	-	-	+	-
Spain, Melilla	-	-	-	+	-
Spain, Navarre	-	-	-	+	-
Spain, Valencian region	+	+	+	+	+
Sweden	+	+	+	-	+
The Netherlands	+	+	+	-	+
Turkey	-	-	-	+	-
Ukraine	-	-	-	+	-
United Kingdom, England	+	+	+	-	-
United Kingdom, Northern Ireland	+	-	-	-	-
United Kingdom, Scotland	+	+	+	-	+
United Kingdom, Wales	+	+	+	-	-

* Incidence and prevalence data based on the regions Alsace, Aquitaine, Auvergne, Brittany, Burgundy, Centre (only in B), Champagne-Ardenne, Corsica, Franche-Comté, Île-de-France (only in B), Languedoc-Roussillon, Limousin, Lorraine (only in B), Lower Normandy, Midi-Pyrénées, Nord-Pas-de-Calais, Pays de la Loire, Picardy, Poitou-Charentes, Provence-Alpes-Côte-d'Azur, Rhône-Alpes, Upper Normandy and the overseas department of Réunion

† Incidence and prevalence data based on the regions Abruzzo, Aosta Valley, Apuglia (only in B), Basilicata, Calabria, Campania (only in B), Emilia-Romagna, Friuli-Venezia Giulia (only in B), Lazio (only in B), Liguria (only in B), Sardinia (only in A), Sicily (only in B), Trentino-Alto Adige (only in B), Umbria, and Veneto

‡ Survival data and expected remaining lifetimes data based on the region Calabria only

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