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ERA-EDTA Registry
Annual Report 2015

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List of abbreviations

Abbreviation	Term
APD	Automated peritoneal dialysis
CAKUT	Congenital anomalies of the kidney and urinary tract
CAPD	Continuous ambulatory peritoneal dialysis
CI	Confidence interval
DM	Diabetes mellitus
ERA-EDTA	European Renal Association - European Dialysis and Transplant Association
ESPN	European Society for Paediatric Nephrology
ESRD	End-stage renal disease
ESRF	End-stage renal failure
GN	Glomerulonephritis / sclerosis
HD	Haemodialysis
HDF	Haemodiafiltration
HF	Haemofiltration
HT	Hypertension
HUS	Haemolytic uraemic syndrome
Misc	Miscellaneous
N	Count
PD	Peritoneal dialysis
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
Tx	Transplant
Unkn	Unknown

Glossary

EU27: refers to the 27 countries of which until 30th June 2013 the European Union was comprised of. These countries are: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, and the United Kingdom.

Eurostat: the statistical office of the European Union whose task is to provide the European Union with statistics at the European level that enable comparisons between countries and regions.

Expected remaining lifetime: is defined as the average number of years of life remaining for those who have reached a given age.

Incidence: the number of new cases during a specific time period. In this annual report this equates to the number of patients commencing renal replacement therapy for end-stage renal disease during the calendar year on which this annual report is based (2015).

Modality: the method of renal replacement therapy. Renal replacement therapy is comprised of the following modalities: haemodialysis (HD), haemofiltration (HF), haemodiafiltration (HDF), automated peritoneal dialysis (ADP), continuous ambulatory peritoneal dialysis (CAPD), and kidney transplantation (Tx). Kidney transplantation can be performed with a kidney from a living donor (LD) or from a deceased donor (DD).

Per million age-related population (pmarp): the incidence or prevalence pmarp is the observed incident or prevalent count for a specific age group divided by the general population of that age group and multiplied by one million.

Per million population (pmp): 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.

Prevalence: the number of people in a given population with a particular disease at a given time. In this annual report this equates to the number of patients receiving renal replacement therapy for end-stage renal disease at 31st December 2015.

Renal Replacement Therapy (RRT): therapy used to replace the normal blood-filtering function of the kidneys. In this annual report renal replacement therapy refers to the various dialysis modalities and to kidney transplantation (see Modality).

Survival probability: the probability that a person or a kidney transplant has survived up to a specified time point.

Brief content

Introduction	13
Section A: Summary data	17
A1 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1	18
A2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91	23
A3 PREVALENT PATIENTS ON RRT IN 2015	24
A4 KIDNEY TRANSPLANTS IN 2015	29
A5 SURVIVAL PROBABILITY	32
A6 EXPECTED REMAINING LIFETIMES	34
Section B: Individual patient data reference tables	35
B1 AFFILIATED REGISTRY INFORMATION FOR 2015	36
B2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1	37
B3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91	48
B4 PREVALENT PATIENTS ON RRT IN 2015	59
B5 KIDNEY TRANSPLANTS IN 2015	70
B6 SURVIVAL PROBABILITY	72
B7 EXPECTED REMAINING LIFETIMES	90
Section C: Aggregated data reference tables	91
C1 AFFILIATED REGISTRY INFORMATION FOR 2015	92
C2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1	93
C3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91	101
C4 PREVALENT PATIENTS ON RRT IN 2015	109
C5 KIDNEY TRANSPLANTS IN 2015	117
Section D: Paediatric data reference tables	119
D1 GENERAL POPULATION AGE DISTRIBUTION	121
D2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1	122
D3 PREVALENT PATIENTS ON RRT	124
Methods	127
Appendices	137

Table of Contents

Introduction	13
Section overview	15
New to this edition	15
ERA-EDTA Registry website	15
ESPN/ERA-EDTA Registry website	15
Section A: Summary data	17
A1 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1	
Table A.1.1 Summary data on the incidence of RRT in 2015, unadjusted	18
Figure A.1.1 Incident rates per million population by country / region, unadjusted	19
Figure A.1.2 Incident rates per million population by country / region, unadjusted and adjusted	20
Figure A.1.3 Incident percentages by gender, age, and primary renal disease, unadjusted	21
Figure A.1.4 Incident percentages of treatment modality by age, gender and primary renal disease, unadjusted	22
A2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91	
Figure A.2.1 Incident percentages of treatment modality by age, gender and primary renal disease, unadjusted	23
A3 PREVALENT PATIENTS ON RRT IN 2015	
Table A.3.1 Summary data on the prevalence of RRT at 31 December 2015, unadjusted	24
Figure A.3.1 Prevalence per million population by country / region, unadjusted	25
Figure A.3.2 Prevalence per million population by country / region, unadjusted and adjusted	26
Figure A.3.3 Prevalent percentages by gender, age, and primary renal disease, unadjusted	27
Figure A.3.4 Prevalent percentages of treatment modality by age, gender and primary renal disease, unadjusted	28
A4 KIDNEY TRANSPLANTS IN 2015	
Figure A.4.1 Kidney transplant counts and per million population by country / region, unadjusted	29
Figure A.4.2 Kidney transplants per million population by donor type and by country / region, unadjusted	30
Figure A.4.3 Kidney transplant percentages by donor type, unadjusted	31
A5 SURVIVAL PROBABILITY	
Table A.5.1 One-, two- and five-year survival probabilities by treatment modality and cohort	32
Figure A.5.1 Adjusted patient survival by modality: Incident dialysis patients	33
Figure A.5.2 Adjusted patient survival by donor type: Patients receiving a first kidney transplant	33
A6 EXPECTED REMAINING LIFETIMES	
Figure A.6.1 Expected remaining lifetimes (years) of the general population (cohort 2011-2015) and of prevalent dialysis and transplant patients (cohort 2011-2015)	34

B1 AFFILIATED REGISTRY INFORMATION FOR 2015

Table B.1.1	General population data and number of renal centres	36
--------------------	---	----

B2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1

Table B.2.1	Incident counts and percentages by age and gender	37
Table B.2.2	Incident rates per million (age-related) population by age and gender, unadjusted	38
Table B.2.3	Gender, mean age, and median age of incident patients	39
Table B.2.4	Incident rates per million population, adjusted	40
Table B.2.5	Incident rates per million population and percentages by primary renal disease, unadjusted	41
Table B.2.6	Incident rates per million population by primary renal disease, adjusted	42
Table B.2.7	Incident counts by treatment modality	43
Table B.2.8	Incident rates per million population by treatment modality, unadjusted	44
Table B.2.9	Incident rates per million population by treatment modality, adjusted	45
Table B.2.10	Percentages of treatment modality, unadjusted	46
Table B.2.11	Percentages of treatment modality by age, gender, and primary renal disease, unadjusted	47

B3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91

Table B.3.1	Incident counts and percentages by age and gender	48
Table B.3.2	Incident rates per million (age-related) population by age and gender, unadjusted	49
Table B.3.3	Gender, mean age, and median age of incident patients	50
Table B.3.4	Incident rates per million population, adjusted	51
Table B.3.5	Incident rates per million population and percentages by primary renal disease, unadjusted	52
Table B.3.6	Incident rates per million population by primary renal disease, adjusted	53
Table B.3.7	Incident counts by treatment modality	54
Table B.3.8	Incident rates per million population by treatment modality, unadjusted	55
Table B.3.9	Incident rates per million population by treatment modality, adjusted	56
Table B.3.10	Percentages of treatment modality, unadjusted	57
Table B.3.11	Percentages of treatment modality by age, gender, and primary renal disease, unadjusted	58

B4 PREVALENT PATIENTS ON RRT IN 2015

Table B.4.1	Prevalent counts and percentages by age and gender	59
Table B.4.2	Prevalence per million (age-related) population by age and gender, unadjusted	60
Table B.4.3	Gender, mean age, and median age	61
Table B.4.4	Prevalence per million population, adjusted	62
Table B.4.5	Prevalence per million population and percentages by primary renal disease, unadjusted	63
Table B.4.6	Prevalence per million population by primary renal disease, adjusted	64
Table B.4.7	Prevalent counts by treatment modality	65
Table B.4.8	Prevalence per million population by treatment modality, unadjusted	66
Table B.4.9	Prevalence per million population by treatment modality, adjusted	67
Table B.4.10	Percentages of treatment modality, unadjusted	68
Table B.4.11	Percentages of treatment modality by age, gender, and primary renal disease, unadjusted	69

B5 KIDNEY TRANSPLANTS IN 2015

Table B.5.1	Kidney transplant counts and percentages by donor type	70
Table B.5.2	Kidney transplants per million population by donor type, unadjusted	71

B6 SURVIVAL PROBABILITY**Patient Survival on RRT (cohort 2006-2010 and cohort 2009-2013)**

Table B.6.1	Incident RRT patients, from day 1, unadjusted	72
Table B.6.2	Incident RRT patients, from day 1, adjusted	73
Table B.6.3	Incident RRT patients, from day 91, unadjusted	74
Table B.6.4	Incident RRT patients, from day 91, adjusted	75

Patient Survival on Dialysis (cohort 2006-2010 and cohort 2009-2013)

Table B.6.5	Incident dialysis patients, from day 1, unadjusted	76
Table B.6.6	Incident dialysis patients, from day 1, adjusted	77
Table B.6.7	Incident dialysis patients, from day 91, unadjusted	78
Table B.6.8	Incident dialysis patients, from day 91, adjusted	79

Patient Survival after First Transplant (cohort 2006-2010 and cohort 2009-2013)		
Table B.6.9	First transplant patients (deceased donor), from day of transplant, unadjusted	80
Table B.6.10	First transplant patients (deceased donor), from day of transplant, adjusted	81
Table B.6.11	First transplant patients (living donor), from day of transplant, unadjusted	82
Table B.6.12	First transplant patients (living donor), from day of transplant, adjusted	83
Graft Survival after First Transplant (cohort 2006-2010 and cohort 2009-2013)		
Table B.6.13	First graft (deceased donor), from day of transplant, unadjusted	84
Table B.6.14	First graft (deceased donor), from day of transplant, adjusted	85
Table B.6.15	First graft (living donor), from day of transplant, unadjusted	86
Table B.6.16	First graft (living donor), from day of transplant, adjusted	87
Patient survival by Primary Renal Disease and Treatment Modality (cohort 2006-2010)		
Figure B.6.1	Adjusted patient survival by primary renal disease: Incident RRT patients	88
Figure B.6.2	Adjusted patient survival by modality: Incident dialysis patients	88
Figure B.6.3	Adjusted patient survival by donor type: Patients receiving a first kidney transplant	88
Figure B.6.4	Adjusted cumulative incidence of death and receiving a kidney transplant: Incident dialysis patients	89
B7 EXPECTED REMAINING LIFETIMES		
Table B.7.1	Expected remaining lifetimes (years) of the general population (cohort 2011-2015) and of prevalent dialysis and transplant patients (cohort 2011-2015)	90
Section C: Aggregated data reference tables		91
C1 AFFILIATED REGISTRY INFORMATION FOR 2015		
Table C.1.1	General population data and number of renal centres	92
C2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1		
Table C.2.1	Incident counts and percentages by age and gender	93
Table C.2.2	Incident rates per million (age-related) population by age and gender, unadjusted	94
Table C.2.3	Gender, mean age, and median age of incident patients	95
Table C.2.4	Incident rates per million population, adjusted	96
Table C.2.5	Incident rates per million population and percentages by primary renal disease, unadjusted	97
Table C.2.6	Incident counts by treatment modality	98
Table C.2.7	Incident rates per million population by treatment modality, unadjusted	99
Table C.2.8	Percentages of treatment modality, unadjusted	100
C3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 91		
Table C.3.1	Incident counts and percentages by age and gender	101
Table C.3.2	Incident rates per million (age-related) population by age and gender, unadjusted	102
Table C.3.3	Gender, mean age, and median age of incident patients	103
Table C.3.4	Incident rates per million population, adjusted	104
Table C.3.5	Incident rates per million population and percentages by primary renal disease, unadjusted	105
Table C.3.6	Incident counts by treatment modality	106
Table C.3.7	Incident rates per million population by treatment modality, unadjusted	107
Table C.3.8	Percentages of treatment modality, unadjusted	108
C4 PREVALENT PATIENTS ON RRT IN 2015		
Table C.4.1	Prevalent counts and percentages by age and gender	109
Table C.4.2	Prevalence per million (age-related) population by age and gender, unadjusted	110
Table C.4.3	Gender, mean age, and median age	111
Table C.4.4	Prevalence per million population, adjusted	112
Table C.4.5	Prevalence per million population and percentages by primary renal disease, unadjusted	113
Table C.4.6	Prevalent counts by treatment modality	114
Table C.4.7	Prevalence per million population by treatment modality, unadjusted	115
Table C.4.8	Percentages of treatment modality, unadjusted	116
C5 KIDNEY TRANSPLANTS IN 2015		
Table C.5.1	Kidney transplant counts and percentages by donor type	117
Table C.5.2	Kidney transplants per million population by donor type, unadjusted	118

Section D: Paediatric data reference tables

119

D1 GENERAL POPULATION AGE DISTRIBUTION

Table D.1.1	Population covered (in thousands)	121
--------------------	-----------------------------------	-----

D2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table D.2.1	Incident counts by age and cohort	122
Table D.2.2	Incident counts by age, treatment modality, and cohort	122
Table D.2.3	Incident counts by age and primary renal disease	122
Table D.2.4	Incident rates per million age-related population by age and cohort	123
Table D.2.5	Incident rates per million age-related population by age, treatment modality, and cohort	123
Table D.2.6	Incident rates per million age-related population by age and primary renal disease	123

D3 PREVALENT PATIENTS ON RRT

Table D.3.1	Prevalent counts by age and cohort	124
Table D.3.2	Prevalent counts by age, treatment modality, and cohort	124
Table D.3.3	Prevalent counts by age and primary renal disease	124
Table D.3.4	Prevalence per million age-related population by age and cohort	125
Table D.3.5	Prevalence per million age-related population by age, treatment modality, and cohort	125
Table D.3.6	Prevalence per million age-related population by age and primary renal disease	125

Methods

127

Data collection and preparation	129
Coding systems	132
Statistical analyses	132
Bibliography	136

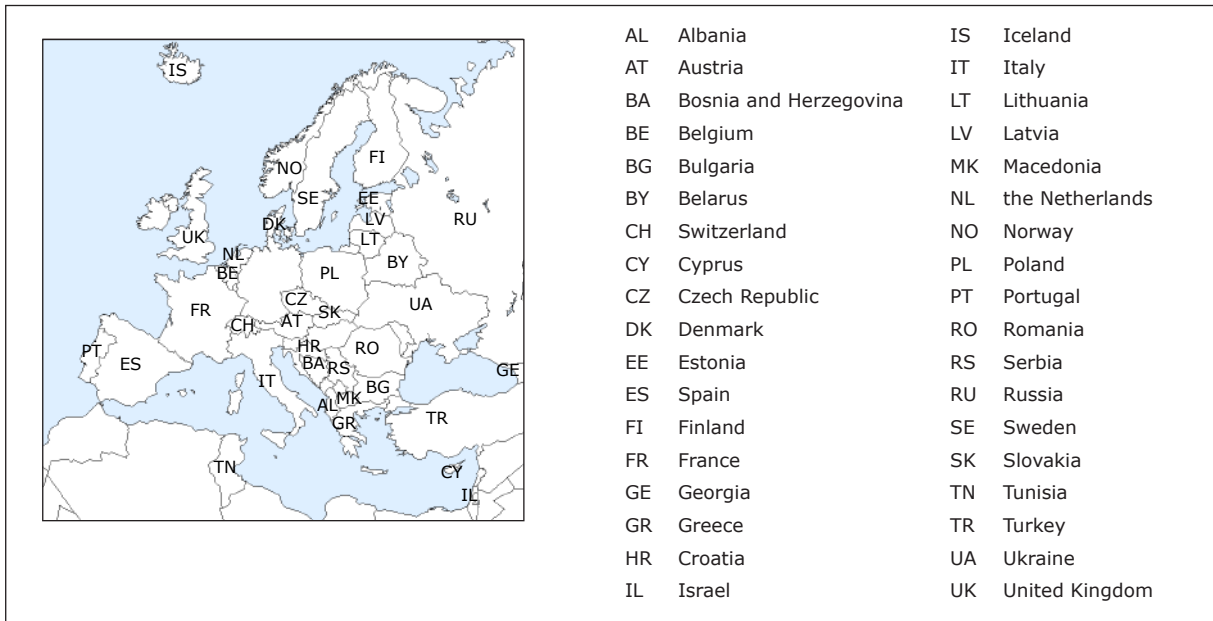
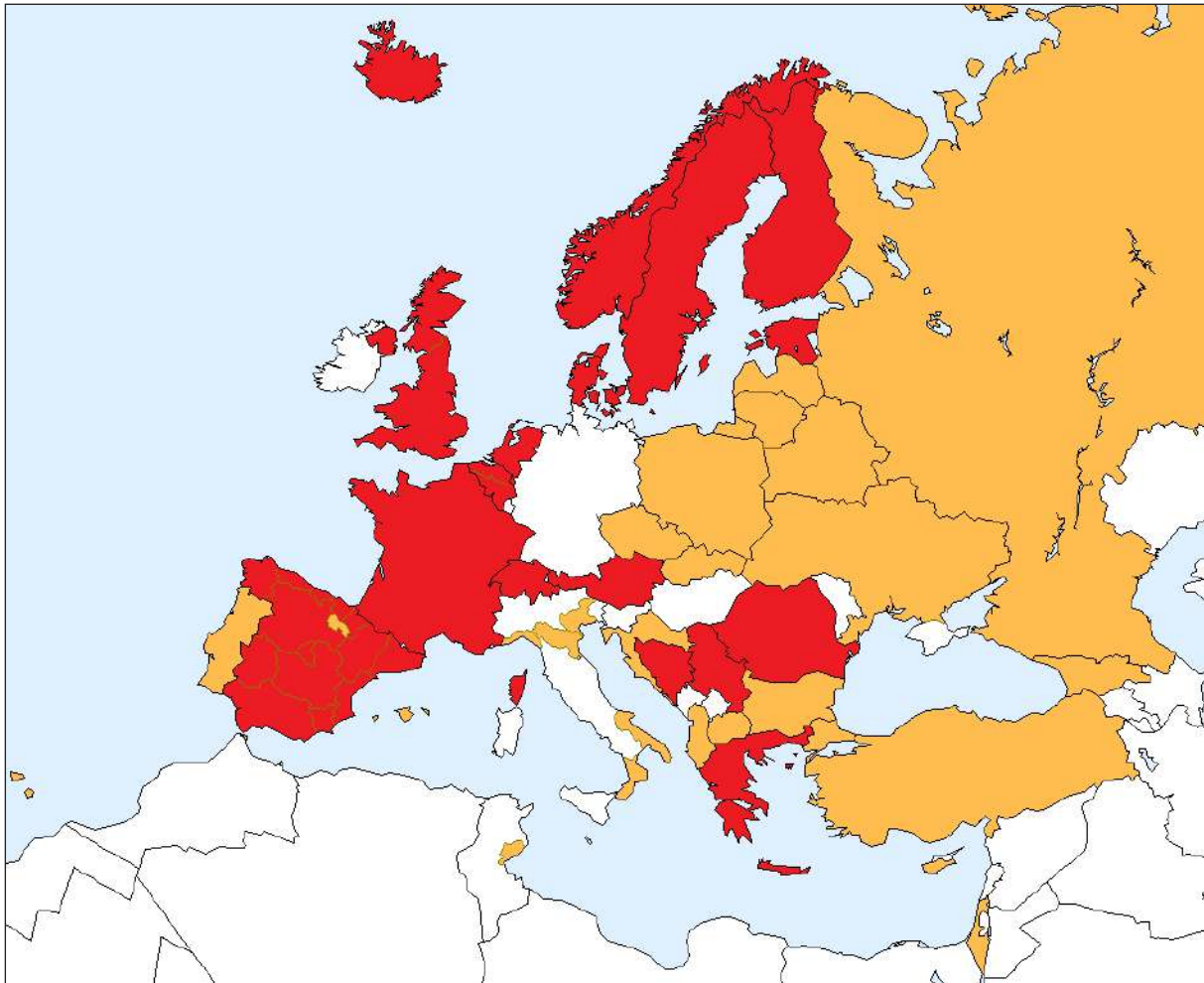
Appendices

137

Appendix 1 - Grouping of primary renal diseases	138
Appendix 2 - Grouping of primary renal disease codes 2012	139
Appendix 3 - Grouping of causes of death	144
Appendix 4 - Event type codes	145
Appendix 5 - Renal registries contributing data for the different types of analyses	146

Introduction

Figure 1: National and regional renal registries that contributed data to this annual report



I Introduction

The ERA-EDTA Registry collects data on renal replacement therapy (RRT) via the national and regional renal registries in Europe and countries bordering the Mediterranean Sea. For this 2015 Annual Report data sets from 52 national or regional renal registries in 36 countries were used. The reference tables are presented in two parts: Section B relates to individual patient data from 32 national and regional registries from 17 countries (shown in red in Figure 1), whereas Section C relates to 20 national or regional registries from 20 countries providing aggregated data (shown in orange in Figure 1).

Section overview

In Section A, figures summarizing the data from all participating registries are presented. Section B contains data on the incidence and prevalence of RRT and on the transplant activity, the survival and expected remaining lifetimes from registries providing individual patient data, while Section C covers data on the incidence and prevalence and transplant activity from the countries and regions providing aggregated data. The incidence and prevalence of RRT in paediatric patients are described in Section D, and are based on data from registries providing individual paediatric patient data. The Methods section describes the procedures used, including data collection and preparation, definitions, the coding systems, and the statistical methods.

New to this edition

This year for the first time, Switzerland provided individual patient data for Section B and Belarus provided aggregated data for section C of this report. In addition, we now also report on the treatment modality used at the first day of RRT in both section B and section C of the report.

ERA-EDTA Registry website

The ERA-EDTA annual reports and other information about the Registry can be downloaded from the ERA-EDTA Registry website: www.era-edta-reg.org. Slides based on the information in this annual report will be presented on the website. In addition, the website includes a repository of educational publications and the 2012 version of the ERA-EDTA Registry Primary Renal Disease Codes.

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 can be found on the ESPN/ERA-EDTA Registry website: www.espn-reg.org. In addition, the ESPN/ERA-EDTA Registry annual reports can be downloaded from this website.

Section A: Summary data

A1 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1

Table A.1.1
Summary data on the incidence of RRT in 2015, unadjusted

	General population covered by the registry in thousands	Incidence in 2015, at day 1				
		All N	All Pmp	Mean Age	DM N	DM Pmp
Albania	2851	251	88	52.5	30	11
Austria	8585	1204	140	65.0	316	37
Belarus	9299	747	80		167	18
Belgium, Dutch-speaking *	6473	1158	179	70.6	234	36
Belgium, French-speaking *	4802	902	188	67.8	197	41
Bosnia and Herzegovina	3531	404	114	61.4	122	35
Bulgaria †	7154	1093	153		278	39
Croatia	3427	540	158	65.3	168	49
Cyprus	855	164	192	66.3	61	71
Czech Republic †	10293	2393	233			
Denmark	5740	621	108	62.3	179	31
Estonia	1315	114	87	58.6	23	18
Finland	5480	520	95	59.6	177	32
France	66624	11084	166	67.9	2513	38
Georgia	3714	694	187	61.9	158	43
Greece	10821	2455	227	69.6	646	60
Iceland	331	24	73	57.4	5	15
Israel	8380	1606	192	65.3	723	86
Italy (5 of 20 regions)	16986	2232	131	68.2	402	24
Latvia	1574	152	97	62.2	23	15
Lithuania	2921	308	105	64.7	44	15
Macedonia	2022	307	152	63.5	71	35
Norway	5189	514	99	63.0	90	17
Poland	37967	6617	174			
Portugal	10375	2352	227		771	74
Romania	19617	3125	159	61.7	355	18
Russia	145080	7413	51	52.3	1297	9
Serbia	7095	818	115	62.4	185	26
Slovakia	5426	916	169	62.8	334	62
Spain (All)	46624	6277	135	64.8	1454	31
Spain, Andalusia	8402	1037	123	62.6	263	31
Spain, Aragon	1323	155	117	66.2	6	5
Spain, Asturias	1050	176	168	66.6	45	43
Spain, Basque country	2165	265	122	64.8	58	27
Spain, Cantabria *	584	61	105	65.6	16	27
Spain, Castile and León *	2466	287	116	67.4	71	29
Spain, Castile-La Mancha *	2056	220	107	64.0	47	23
Spain, Catalonia	7508	1247	166	66.9	213	28
Spain, Extremadura	1093	152	139	66.2	34	31
Spain, Galicia	2728	393	144	65.6	104	38
Spain, Community of Madrid	6437	807	125	65.2	217	34
Spain, Region of Murcia	1467	184	125	62.3	37	25
Spain, Navarre *	637	92	144	63.6	16	25
Spain, Valencian region	4981	734	147	64.8	147	30
Sweden	9799	1166	119	63.7	306	31
Switzerland	8282	848	102	64.6	155	19
the Netherlands	16940	1996	118	63.7	375	22
Tunisia, Sfax region	1186	193	163	59.4	62	52
Turkey ‡	78736	11597	147		636	8
Ukraine	42759	1024	24	48.1	248	6
United Kingdom, England * ¶	54786	6323	115	62.3	1546	28
United Kingdom, Northern Ireland *	1852	220	119	63.5	51	28
United Kingdom, Scotland	5373	619	115	59.6	173	32
United Kingdom, Wales *	3099	382	123	63.3	104	34
All countries	683363	81373	119	63.1	14679	26

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

DM = diabetes mellitus as primary renal disease

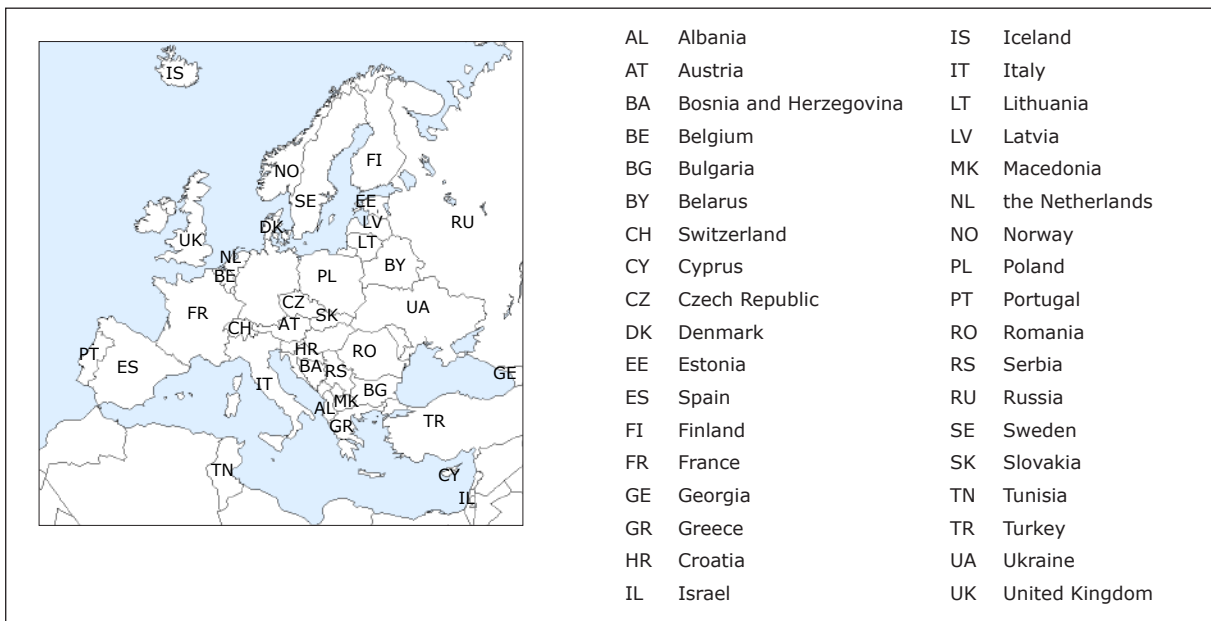
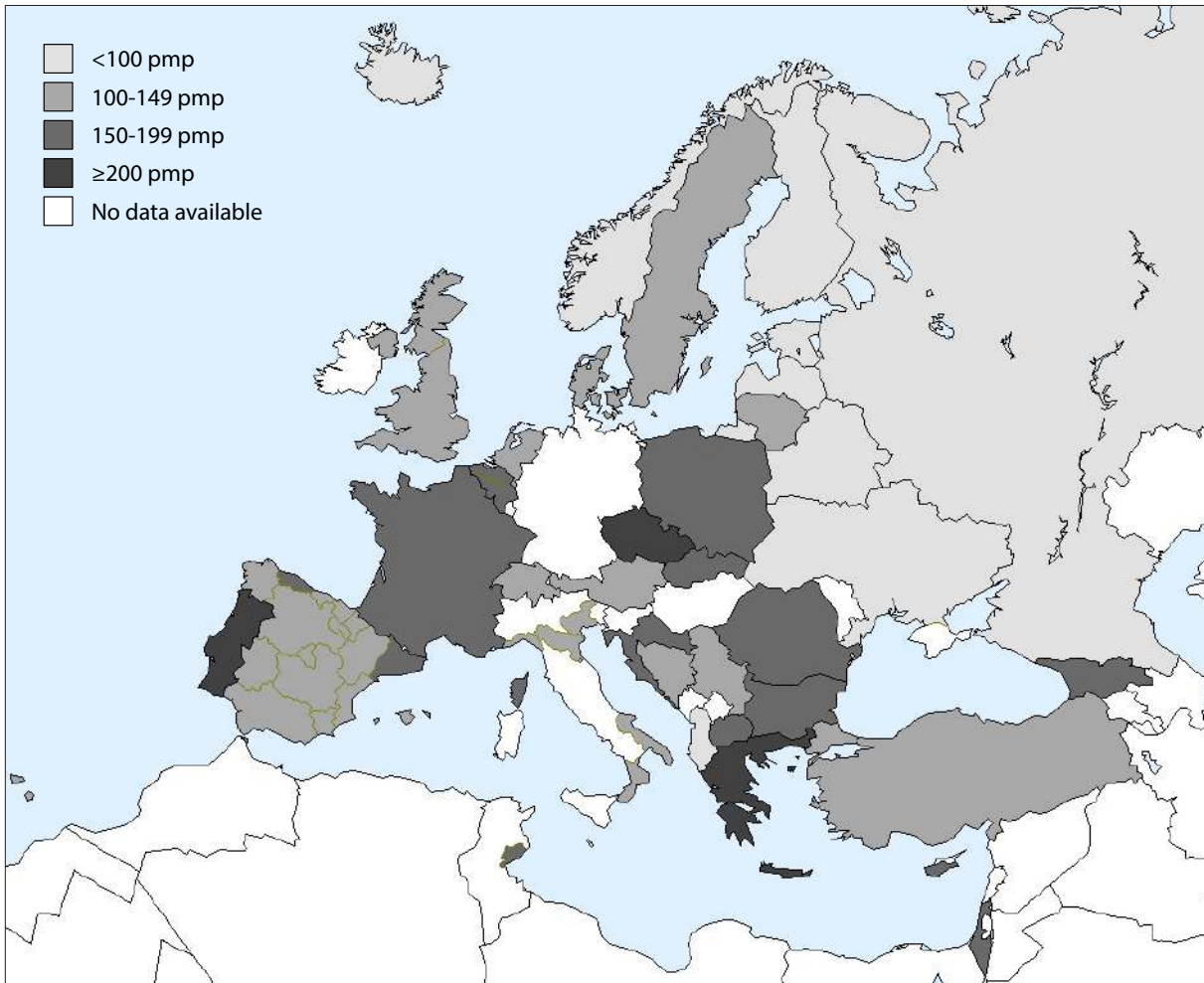
** Patients younger than 20 years of age are not reported. The true incidence counts are therefore slightly higher than the counts reported here*

† Data on incidence include dialysis patients only

‡ Data on incidence of primary renal disease (DM) is based on 1707 dialysis patients (14.7% of total)

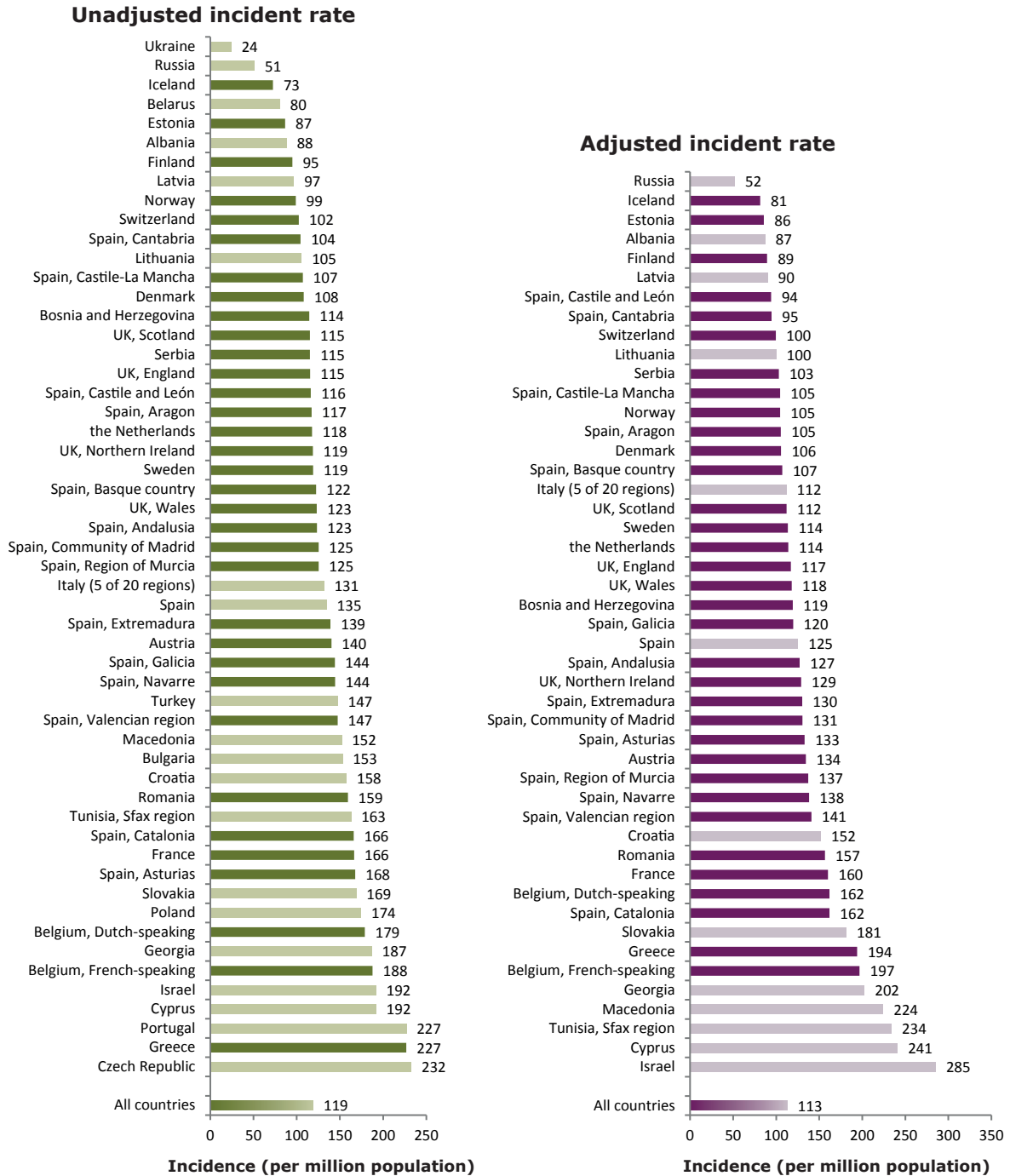
¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Figure A.1.1
Incident rates per million population by country / region, unadjusted
at day 1



Detailed information on the contents of this figure can be found in table B.2.2 for registries providing individual patient data, and in table C.2.2 for registries providing aggregated data.

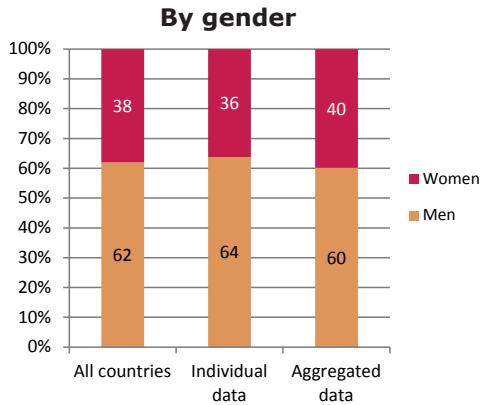
Figure A.1.2
Incident rates per million population by country / region, unadjusted and adjusted
at day 1



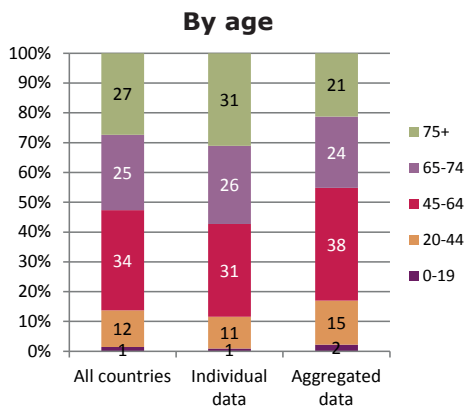
Registries providing individual patient data are shown as dark bars, and registries providing aggregated data as light bars.

Detailed information on the contents of this figure can be found in tables B.2.2 and B.2.4 for registries providing individual patient data, and in tables C.2.2 and C.2.4 for registries providing aggregated data. Adjustment of the incident rates was performed by standardising the rates to the age and gender distribution of the EU27 population.

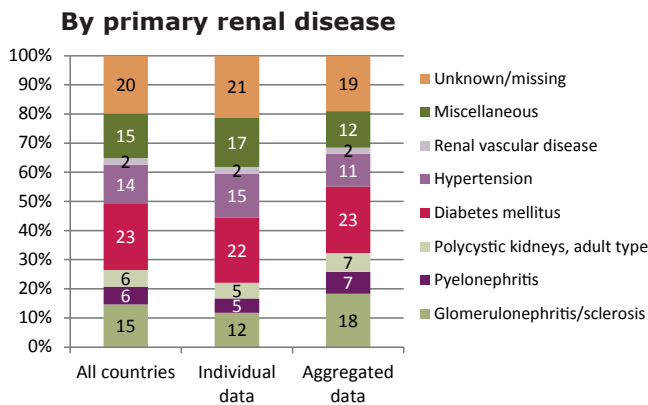
Figure A.1.3
Incident percentages by gender, age, and primary renal disease, unadjusted at day 1



This figure summarizes the data presented in tables B.2.3 and C.2.3.

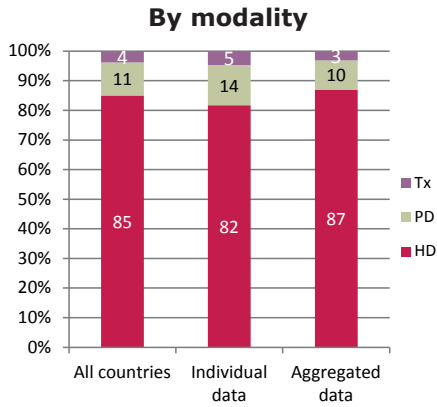


This figure summarizes the data presented in tables B.2.1 and C.2.1.



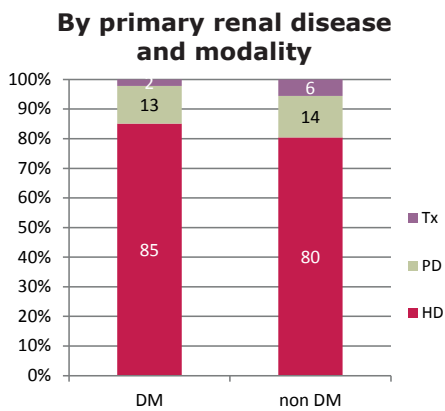
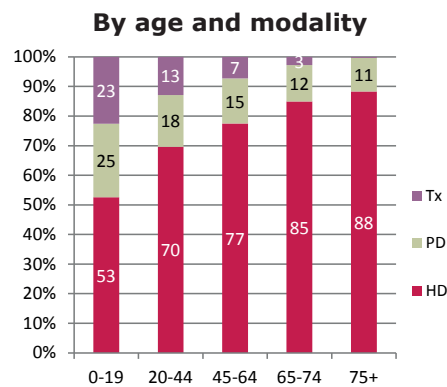
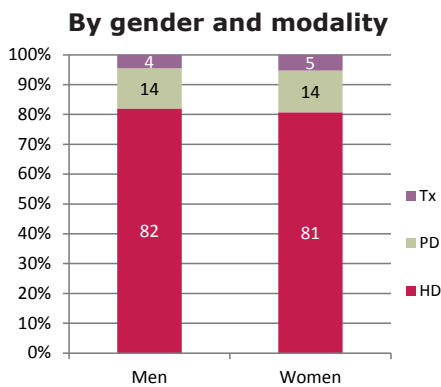
This figure summarizes the data presented in tables B.2.5 and C.2.5.

Figure A.1.4
Incident percentages of treatment modality by age, gender and primary renal disease, unadjusted
at day 1



This figure summarizes the data presented in tables B.2.10 and C.2.8.

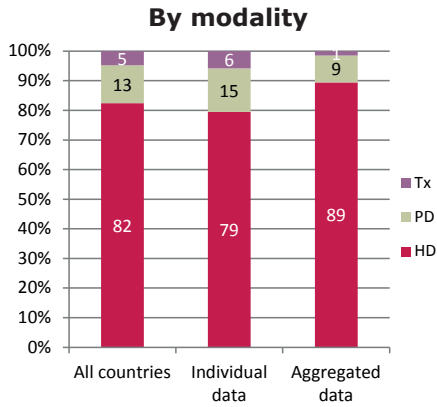
The figures below are only based on data from registries providing individual patient data



These figures summarize the data presented in table B.2.11.

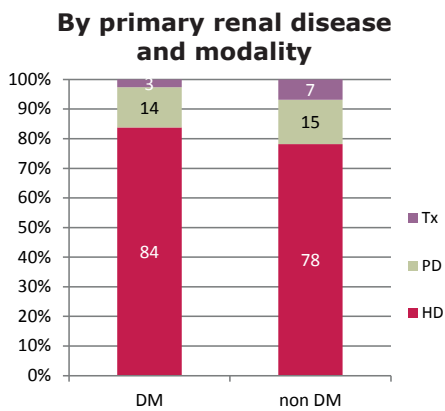
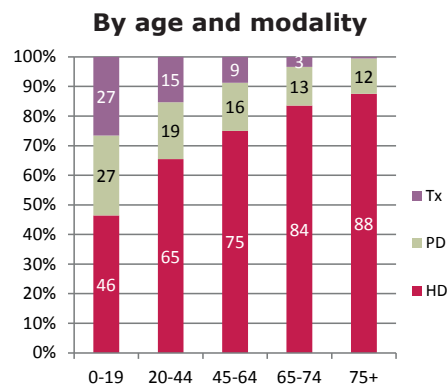
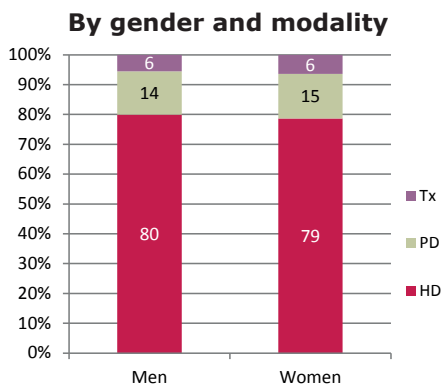
Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; DM: Diabetes Mellitus

Figure A.2.1
Incident percentages of treatment modality by age, gender and primary renal disease, unadjusted
at day 91



This figure summarizes the data presented in tables B.3.10 and C.3.8.

The figures below are only based on data from registries providing individual patient data



These figures summarize the data presented in table B.3.11.

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; DM: Diabetes Mellitus

Table A.3.1
Summary data on the prevalence of RRT at 31 December 2015, unadjusted

	General population covered by the registry in thousands	Prevalent patients on RRT in 2015				
		All N	All Pmp	Mean Age	DM N	DM Pmp
Albania	2851	1214	426	50.3	144	51
Austria	8585	9259	1079	61.0	1828	213
Belarus	9299	3204	345		444	48
Belgium, Dutch-speaking *	6473	8142	1258	65.8	1400	216
Belgium, French-speaking *	4802	6143	1279	64.8	1071	223
Bosnia and Herzegovina	3531	2653	751	59.4	512	145
Bulgaria	7154	4241	593			
Croatia	3427	2553	745	65.6	656	191
Cyprus	855					
Czech Republic	10293	11444	1112			
Denmark	5740	5190	904	58.4	878	153
Estonia	1315	869	661	57.8	163	124
Finland	5480	4679	854	58.8	1189	217
France	66624	83042	1246	63.0	13217	198
Georgia	3714	2327	627	56.5	483	130
Greece	10821	13359	1235	64.0	2485	230
Iceland	331	218	659	54.6	23	70
Israel &	8380	6442	769	65.6	2954	353
Italy (5 of 20 regions)	16986	17832	1050	62.2	2061	121
Latvia	1574	1007	640	55.9	95	60
Lithuania	2921	2203	754			
Macedonia	2022	1598	790	57.8	245	121
Norway	5189	4836	932	59.3	644	124
Poland	37967	30400	801			
Portugal +	10375	18928	1824	66.8	3392	327
Romania	19617	18977	967	60.5	1996	102
Russia	145080	43955	303	54.4	5318	37
Serbia	7095	5673	800	59.2	935	132
Slovakia &	5426	3337	615	63.3	1145	211
Spain (All)	46624	56354	1209	63.2	8863	190
Spain, Andalusia	8402	9640	1147	60.2	1476	176
Spain, Aragon	1323	1539	1164	62.7	238	180
Spain, Asturias	1050	1256	1196	62.8	206	196
Spain, Basque country	2165	2656	1227	61.8	286	132
Spain, Cantabria *	584	662	1134	62.2	89	152
Spain, Castile and León *	2466	2761	1119	64.3	476	193
Spain, Castile-La Mancha *	2056	2241	1090	62.0	341	166
Spain, Catalonia	7508	10171	1355	62.7	1414	188
Spain, Extremadura	1093	1256	1149	61.4	191	175
Spain, Galicia	2728	3559	1305	62.2	608	223
Spain, Community of Madrid	6437	7008	1089	61.5	1247	194
Spain, Region of Murcia	1467	1888	1287	61.8	257	175
Spain, Navarre *	637	799	1254	62.0	112	176
Spain, Valencian region	4981	6638	1333	62.8	883	177
Sweden	9799	9421	961	59.6	1668	170
Switzerland †	8282	7714	931	62.5	1166	141
the Netherlands	16940	16764	990	60.1	2122	125
Tunisia, Sfax region &	1186	923	778	58.3	184	155
Turkey ‡	78736	73660	936		2048	26
Ukraine	42759	7610	178	48.6	1137	27
United Kingdom, England * ¶	54786	50999	931	58.6	8483	155
United Kingdom, Northern Ireland *	1852	1693	914	58.4	258	139
United Kingdom, Scotland	5373	4923	916	56.6	781	145
United Kingdom, Wales *	3099	2997	967	59.4	509	164
All countries	683363	546783	801	60.8	70497	128

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

DM = diabetes mellitus as primary renal disease

* Patients younger than 20 years of age are not reported. The true prevalent counts are therefore slightly higher than the counts reported here

& Data on prevalence include dialysis patients only

+ Data on prevalence of primary renal disease (DM) include dialysis patients only

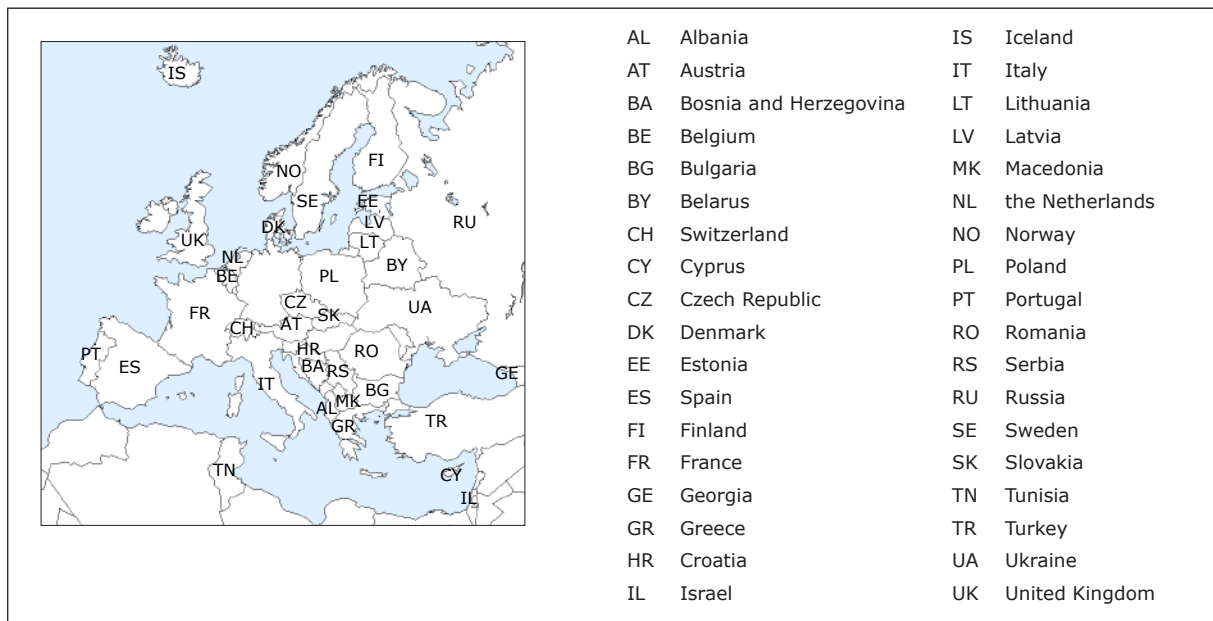
|| The prevalence is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

‡ Data on the prevalence of primary renal disease (DM) is based on 6400 dialysis patients (8.7% of total)

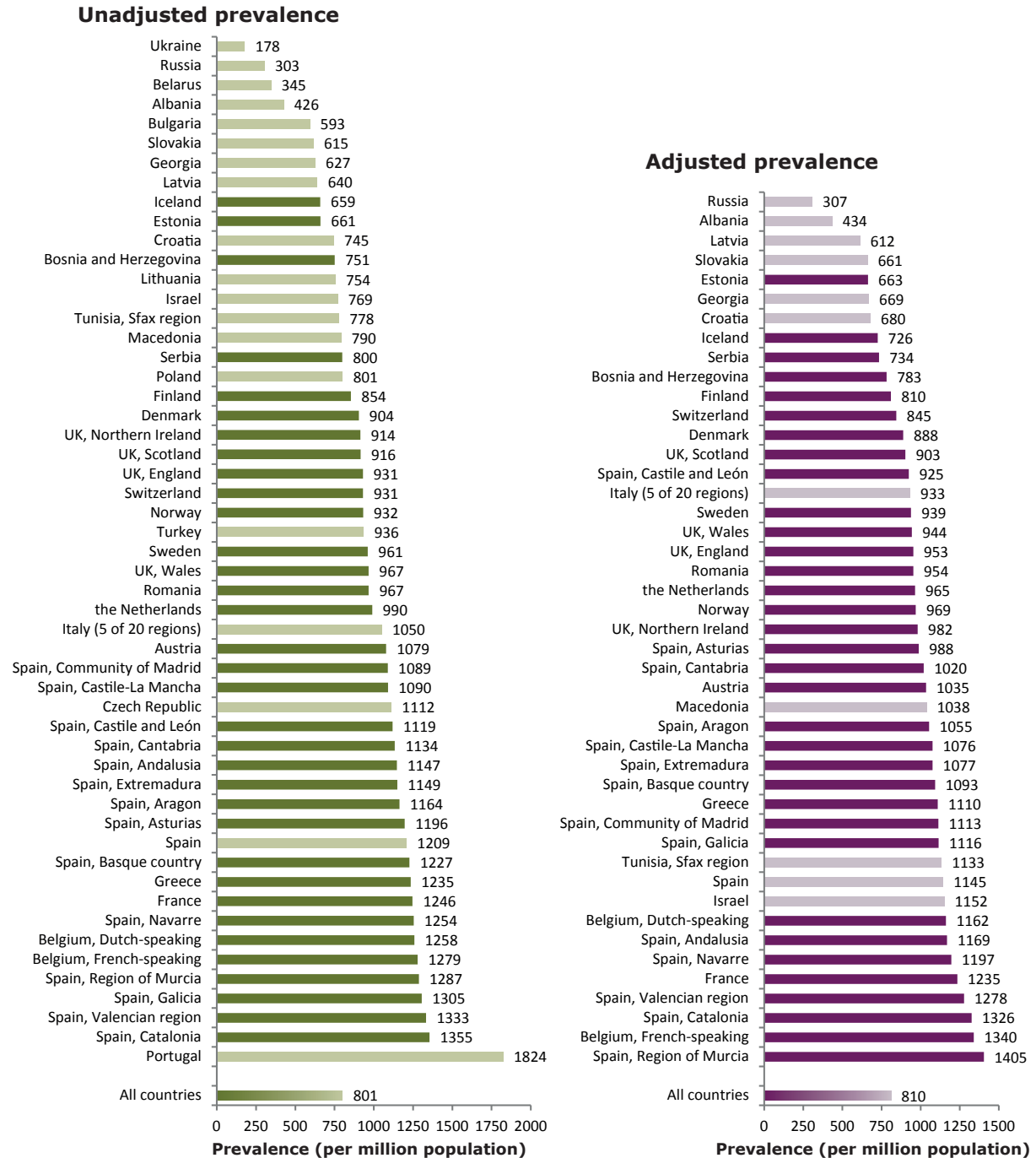
¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

Figure A.3.1
Prevalence per million population by country / region, unadjusted
prevalent patients on December 31



Detailed information on the contents of this figure can be found in table B.4.2 for registries providing individual patient data, and in table C.4.2 for registries providing aggregated data.

Figure A.3.2
Prevalence per million population by country / region, unadjusted and adjusted
prevalent patients on December 31

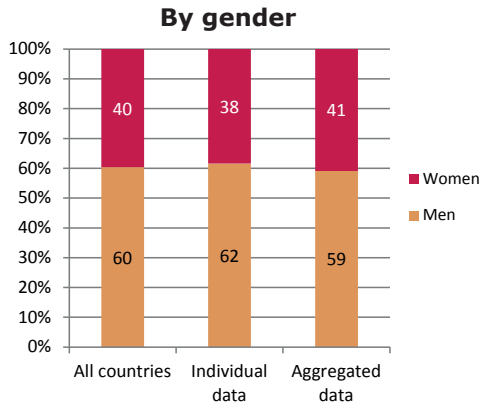


Registries providing individual patient data are shown as dark bars, and registries providing aggregated data as light bars.

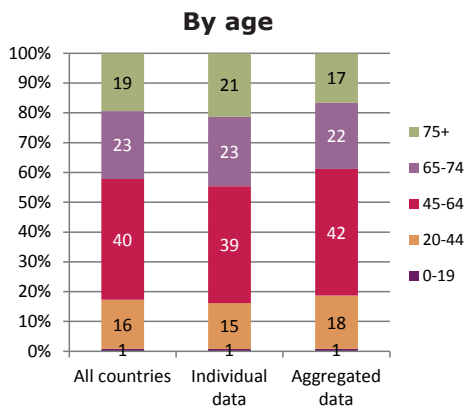
Detailed information on the contents of this figure can be found in tables B.4.2 and B.4.4 for registries providing individual patient data, and in tables C.4.2 and C.4.4 for registries providing aggregated data.

Adjustment of the prevalence was performed by standardising the prevalence to the age and gender distribution of the EU27 population.

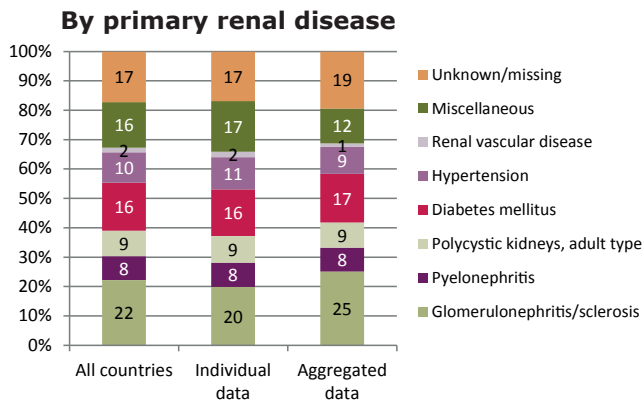
Figure A.3.3
Prevalent percentages by gender, age, and primary renal disease, unadjusted
prevalent patients on December 31



This figure summarizes the data presented in tables B.4.3 and C.4.3.

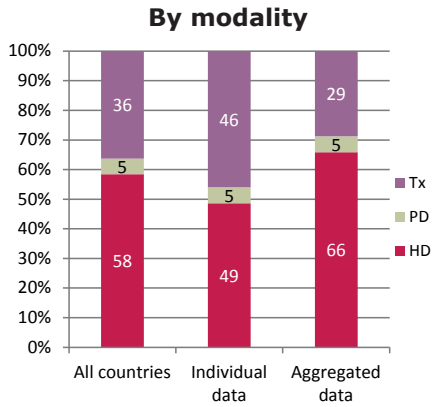


This figure summarizes the data presented in tables B.4.1 and C.4.1.



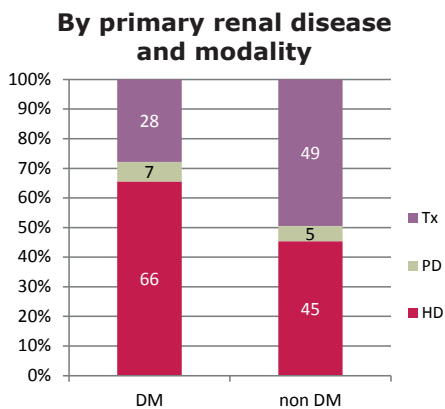
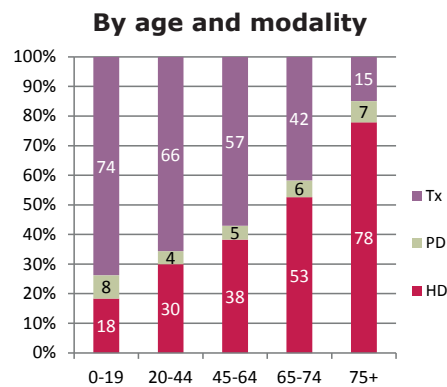
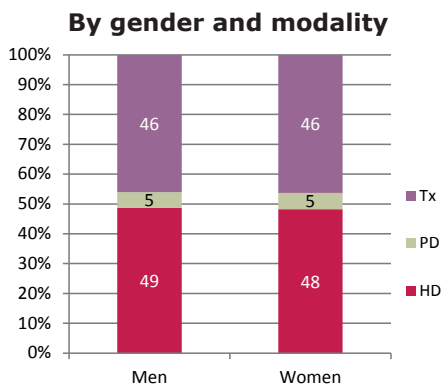
This figure summarizes the data presented in tables B.4.5 and C.4.5.

Figure A.3.4
Prevalent percentages of treatment modality by age, gender and primary renal disease, unadjusted
prevalent patients on December 31



This figure summarizes the data presented in tables B.4.10 and C.4.8.

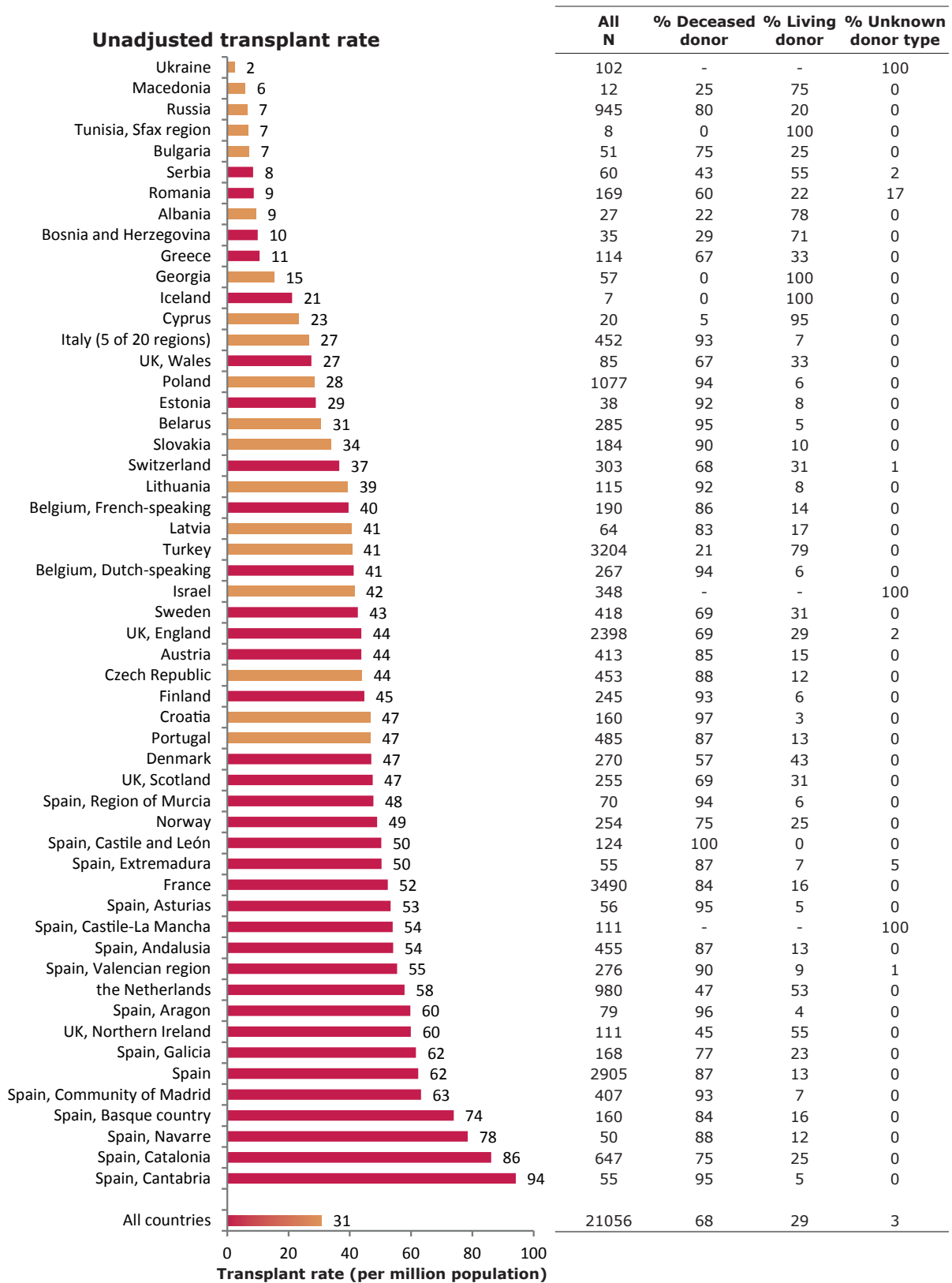
The figures below are only based on data from registries providing individual patient data.



These figures summarize the data presented in table B.4.11.

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; DM: Diabetes Mellitus

Figure A.4.1
Kidney transplant counts and per million population by country / region, unadjusted

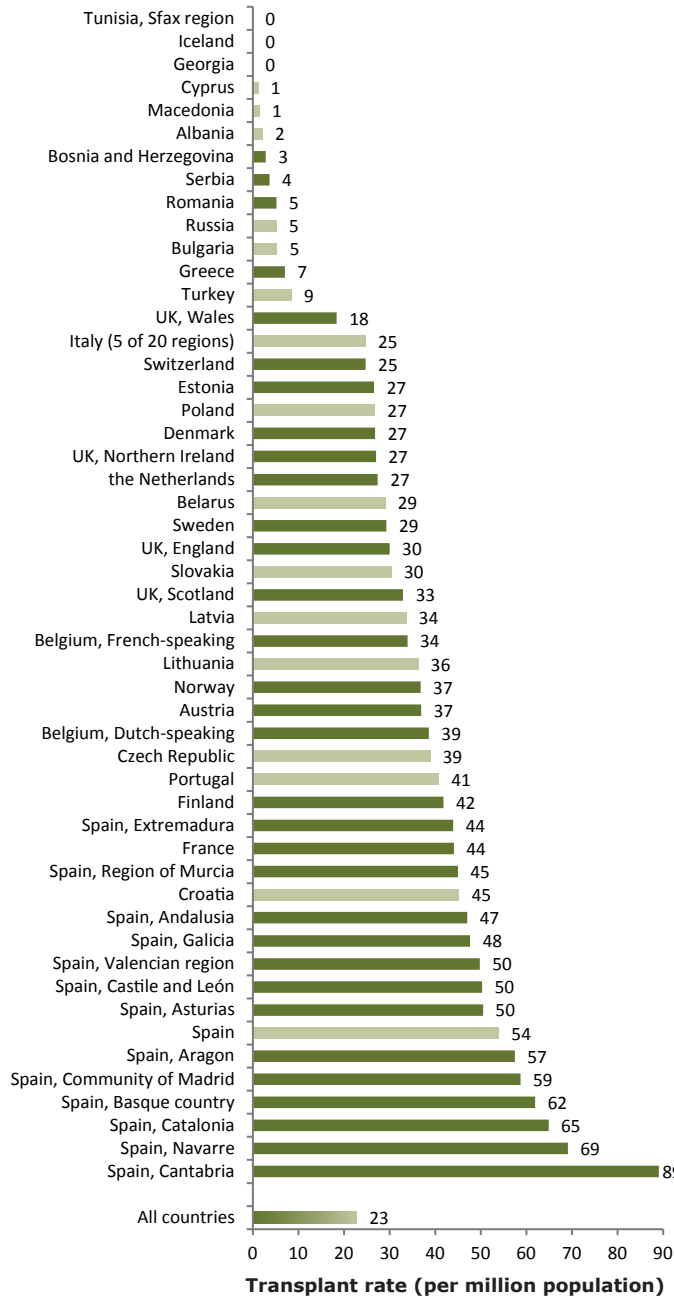


Registries providing individual patient data are shown as red bars, and registries providing aggregated data as orange bars.

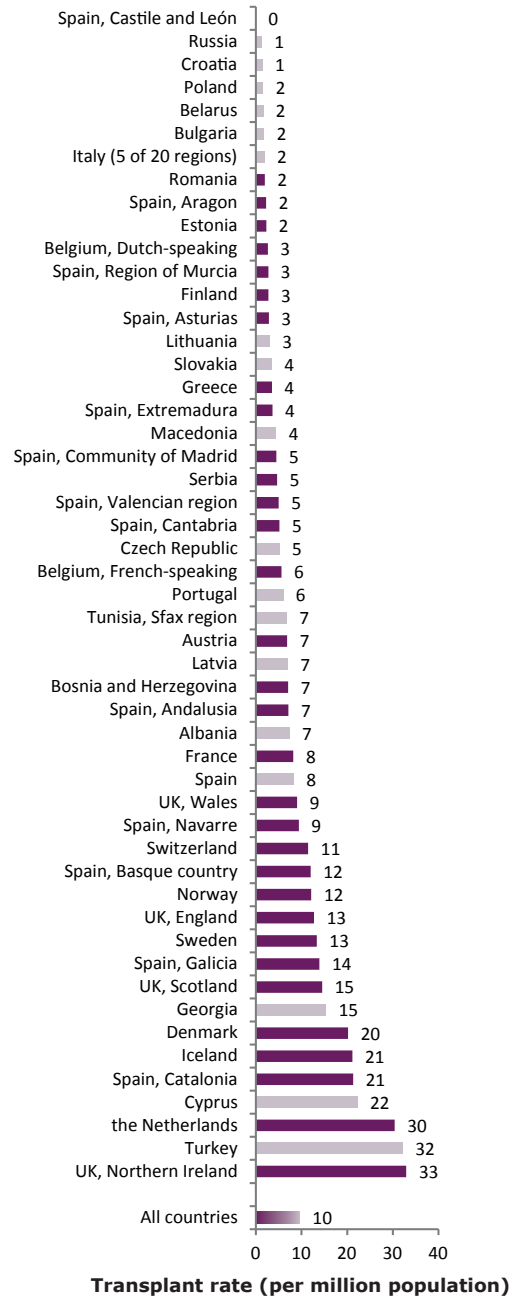
Detailed information on the contents of this figure can be found in tables B.5.1 and B.5.2 for registries providing individual patient data, and in tables C.5.1 and C.5.2 for registries providing aggregated data.

Figure A.4.2
Kidney transplants per million population by donor type and by country / region, unadjusted

Unadjusted deceased donor transplant rate



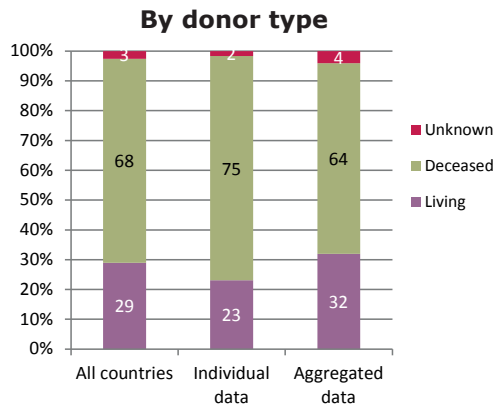
Unadjusted living donor transplant rate



Registries providing individual patient data are shown as dark bars, and registries providing aggregated data as light bars.

Detailed information on the contents of this figure can be found in table B.5.2 for registries providing individual patient data, and in table C.5.2 for registries providing aggregated data.

Figure A.4.3
Kidney transplant percentages by donor type, unadjusted



This figure summarizes the data presented in table B.5.1 for registries providing individual patient data, and in table C.5.1 for registries providing aggregated data.

Table A.5.1

One-, two- and five-year survival probabilities by treatment modality and cohort*from day 1 of RRT / dialysis, or from day of transplant*

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
Patient survival on RRT					
Unadjusted	83.2 (83.1-83.4)	72.7 (72.6-72.9)	50.0 (49.9-50.1)	84.4 (84.2-84.5)	74.3 (74.2-74.5)
Adjusted †	85.9 (85.8-86.1)	76.1 (75.9-76.3)	51.1 (50.8-51.4)	86.9 (86.7-87.1)	77.6 (77.4-77.9)
Patient survival on dialysis					
Unadjusted	82.2 (82.1-82.4)	70.4 (70.2-70.6)	41.8 (41.7-41.9)	83.3 (83.1-83.4)	71.9 (71.7-72.0)
Adjusted †	84.4 (84.2-84.6)	73.5 (73.3-73.7)	45.0 (44.7-45.4)	85.7 (85.5-85.9)	75.4 (75.2-75.6)
Patient survival after first kidney transplantation (deceased donor)					
Unadjusted	96.1 (95.9-96.4)	94.3 (94.1-94.6)	88.0 (87.6-88.3)	96.3 (96.1-96.5)	94.3 (94.0-94.5)
Adjusted ††	97.5 (97.3-97.6)	96.2 (96.0-96.4)	91.7 (91.3-92.1)	97.8 (97.7-98.0)	96.5 (96.3-96.7)
Graft survival after first kidney transplantation (deceased donor)					
Unadjusted	90.9 (90.5-91.2)	88.1 (87.8-88.5)	78.9 (78.5-79.3)	91.1 (90.8-91.3)	88.1 (87.7-88.4)
Adjusted ††	91.8 (91.4-92.1)	89.3 (88.9-89.7)	80.7 (80.2-81.2)	92.4 (92.1-92.7)	89.8 (89.4-90.1)
Patient survival after first kidney transplantation (living donor)					
Unadjusted	98.6 (98.3-98.8)	97.7 (97.4-98.0)	94.1 (93.6-94.6)	98.9 (98.7-99.1)	97.9 (97.6-98.2)
Adjusted ††	98.7 (98.5-99.0)	98.0 (97.7-98.3)	94.5 (94.0-95.0)	99.1 (98.9-99.2)	98.2 (98.0-98.5)
Graft survival after first kidney transplantation (living donor)					
Unadjusted	95.9 (95.4-96.3)	94.1 (93.6-94.5)	87.4 (86.7-88.0)	96.5 (96.2-96.8)	94.7 (94.3-95.1)
Adjusted ††	95.6 (95.2-96.1)	93.8 (93.2-94.3)	86.6 (85.8-87.4)	96.3 (95.9-96.7)	94.4 (93.9-94.9)

† Analyses were adjusted using fixed values: age (67 years), gender (63% men) and PRD (24% diabetes mellitus, 19% hypertension/renal vascular disease, 11% glomerulonephritis and 46% other causes).

†† Analyses were adjusted using fixed values: age (50 years), gender (63% men) and PRD (14% diabetes mellitus, 10% hypertension/renal vascular disease, 23% glomerulonephritis and 53% other causes).

This table summarizes the survival data presented in the tables B.6.1 to B.6.16, and is based on data from the following registries providing individual patient data: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Figure A.5.1
Adjusted patient survival by modality:
Incident dialysis patients
from day 91, adjusted for age, gender, and primary renal disease

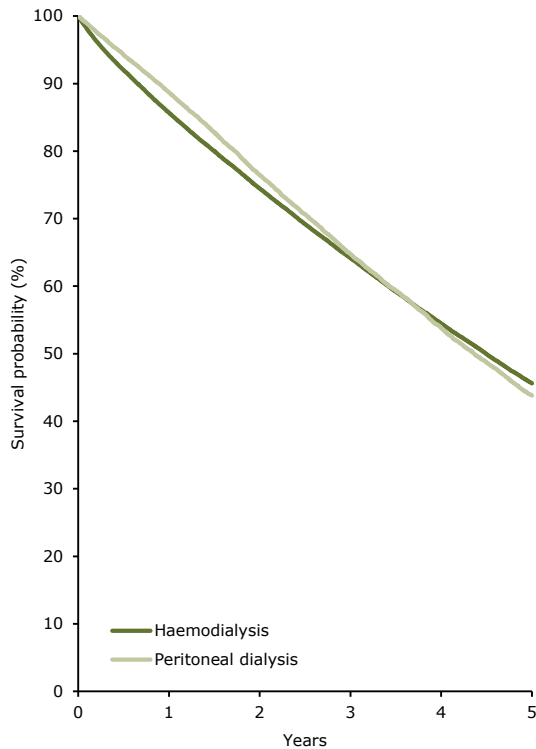
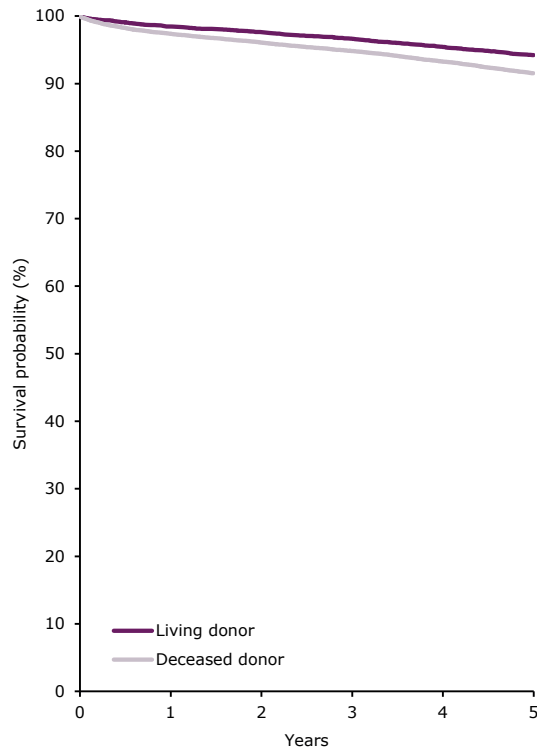


Figure A.5.2
Adjusted patient survival by donor type:
Patients receiving a first kidney transplant
from day of transplant, adjusted for age, gender, and primary renal disease

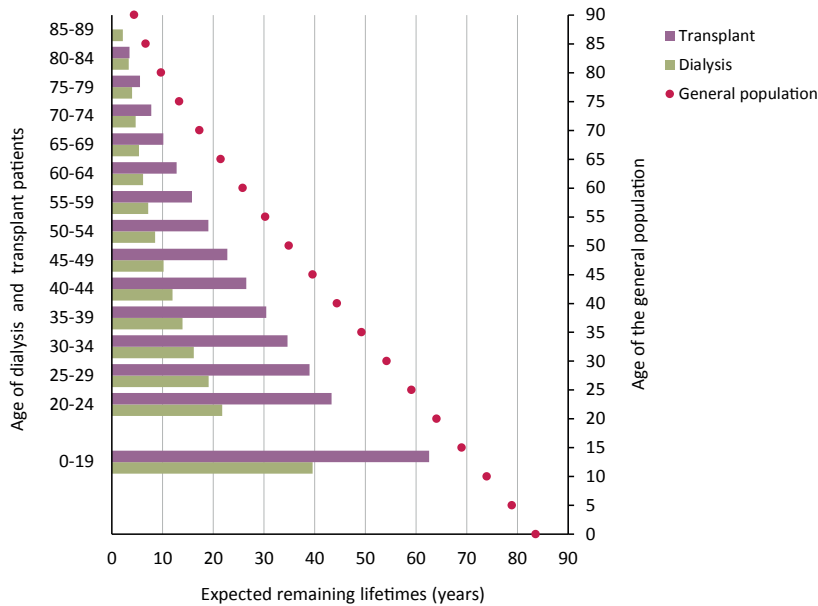


Survival on dialysis was adjusted using fixed values: age (67 years), gender (63% men) and PRD (24% diabetes mellitus, 19% hypertension/renal vascular disease, 11% glomerulonephritis and 46% other causes). Survival after transplantation was adjusted using fixed values: age (50 years), gender (63% men) and PRD (14% diabetes mellitus, 10% hypertension/renal vascular disease, 23% glomerulonephritis and 53% other causes).

These figures are based on patients starting dialysis or receiving a kidney transplant between 2006 and 2010 from the following registries providing individual patient data: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Figure A.6.1
Expected remaining lifetimes (years) of the general population (cohort 2011-2015) and of prevalent dialysis and transplant patients (cohort 2011-2015)
by age and gender

Expected remaining lifetimes of the general population and of prevalent dialysis and transplant patients



This figure summarizes the data presented in table B.7.1, and is based on data from the following registries providing individual patient data: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castille and León), Spain (Castille-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Section B: Individual patient data reference tables

Table B.1.1
General population data and number of renal centres

	General population of whole country/region in thousands	% Coverage of general population by the registry for individual patient data	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry for individual patient data
Austria	8585	100	80	80
Belgium, Dutch-speaking	6473	100	27	27
Belgium, French-speaking	4802	100	24	24
Bosnia and Herzegovina	3531	100	27	27
Denmark	5740	100	15	15
Estonia	1315	100	3	3
Finland	5480	100	30	30
France	66624	100	1255	1255
Greece	10821	100	172	172
Iceland	331	100	1	1
Norway	5189	100	25	25
Romania	19815	99.0	140	137
Serbia	7095	100	63	63
Spain, Andalusia	8402	100	61	61
Spain, Aragon	1323	100	10	10
Spain, Asturias	1050	100	10	10
Spain, Basque country	2165	100	10	10
Spain, Cantabria	584	100	2	2
Spain, Castile and León	2466	100	23	23
Spain, Castile-La Mancha	2056	100	12	12
Spain, Catalonia	7508	100	47	47
Spain, Extremadura	1093	100	12	12
Spain, Galicia	2728	100	25	25
Spain, Community of Madrid	6437	100	38	38
Spain, Region of Murcia	1467	100	13	13
Spain, Navarre	637	100	3	3
Spain, Valencian region	4981	100	48	48
Sweden	9799	100	66	66
Switzerland	8282	100	88	89
the Netherlands	16940	100	72	72
United Kingdom, All countries *	65110	100	72	72
United Kingdom, England *	54786	100	52	52
United Kingdom, Northern Ireland	1852	100	5	5
United Kingdom, Scotland	5373	100	10	10
United Kingdom, Wales	3099	100	5	5

* Due to delays in a small number of centres submitting individual patient-level data for some new patients in 2015, the percentage coverage might be different for the incidence, prevalence and transplant activity calculations (please see footnotes in the concerned tables)

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

	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	%	N	%
Austria	1204	783	421	6	0	3	0	3	1	111	9	79	10	32	8	387	32	252	32	135	32	382	32	258	33	124	29	318	26	191	24	127	30
Belgium, Dutch-speaking *	1158	714	444							79	7	52	7	27	6	247	21	165	23	82	18	297	26	196	27	101	23	535	46	301	42	234	53
Belgium, French-speaking *	902	552	350							73	8	43	8	30	9	261	29	169	31	92	26	241	27	169	31	72	21	327	36	171	31	156	45
Bosnia and Herzegovina	404	243	161	2	0	1	0	1	1	46	11	29	12	17	11	177	44	106	44	71	44	116	29	67	28	49	30	63	16	40	16	23	14
Denmark	621	389	232	11	2	9	2	2	1	96	15	55	14	41	18	188	30	110	28	78	34	185	30	127	33	58	25	141	23	88	23	53	23
Estonia	114	49	65	2	2	0	0	2	3	24	21	8	16	16	25	42	37	21	43	21	32	24	21	9	18	15	23	22	19	11	22	11	17
Finland	520	343	177	17	3	9	3	8	5	76	15	46	13	30	17	192	37	124	36	68	38	151	29	111	32	40	23	84	16	53	15	31	18
France	11084	7071	4013	133	1	70	1	63	2	964	9	596	8	368	9	2823	25	1763	25	1060	26	2743	25	1851	26	892	22	4421	40	2791	39	1630	41
Greece	2455	1621	834	18	1	8	0	10	1	149	6	102	6	47	6	596	24	424	26	172	21	592	24	431	27	161	19	1100	45	656	40	444	53
Iceland	24	17	7	0	0	0	0	0	0	7	29	5	29	2	29	7	29	5	29	2	29	6	25	4	24	2	29	4	17	3	18	1	14
Norway	514	341	173	12	2	8	2	4	2	67	13	44	13	23	13	158	31	104	30	54	31	139	27	91	27	48	28	138	27	94	28	44	25
Romania	3125	1848	1277	22	1	10	1	12	1	385	12	243	13	142	11	1323	42	815	44	508	40	830	27	456	25	374	29	565	18	324	18	241	19
Serbia	818	512	297	10	1	8	2	0	0	82	10	58	11	24	8	346	42	213	42	130	44	215	26	134	26	78	26	165	20	99	19	65	22
Spain, Andalusia	1037	673	364	22	2	11	2	11	3	124	12	78	12	46	13	361	35	241	36	120	33	268	26	180	27	88	24	262	25	163	24	99	27
Spain, Aragon	155	115	40	0	0	0	0	0	0	15	10	11	10	4	10	42	27	32	28	10	25	50	32	41	36	9	23	48	31	31	27	17	43
Spain, Asturias	176	121	55	0	0	0	0	0	0	18	10	13	11	5	9	61	35	43	36	18	33	39	22	28	23	11	20	58	33	37	31	21	38
Spain, Basque country	265	188	77	3	1	1	1	2	3	22	8	12	6	10	13	89	34	64	34	25	32	90	34	65	35	25	32	61	23	46	24	15	19
Spain, Cantabria *	61	48	13							5	8	3	6	2	15	21	34	16	33	5	38	22	36	17	35	5	38	13	21	12	25	1	8
Spain, Castile and León *	287	202	85							17	6	8	4	9	11	90	31	71	35	19	22	85	30	66	33	19	22	95	33	57	28	38	45
Spain, Castile-La Mancha *	220	144	76							23	10	14	10	9	12	83	38	57	40	26	34	50	23	29	20	21	28	64	29	44	31	20	26
Spain, Catalonia	1247	827	420	9	1	8	1	1	0	112	9	72	9	40	10	344	28	220	27	124	30	353	28	248	30	105	25	429	34	279	34	150	36
Spain, Extremadura	152	91	61	1	1	0	0	1	2	9	6	6	7	3	5	55	36	37	41	18	30	42	28	22	24	20	33	45	30	26	29	19	31
Spain, Galicia	393	271	122	0	0	0	0	0	0	35	9	20	7	15	12	129	33	95	35	34	28	119	30	92	34	27	22	110	28	64	24	46	38
Spain, Community of Madrid	807	543	264	16	2	9	2	7	3	73	9	48	9	25	9	240	30	163	30	77	29	231	29	152	28	79	30	247	31	171	31	76	29
Spain, Region of Murcia	184	119	65	1	1	0	0	1	2	21	11	15	13	6	9	72	39	40	34	32	49	58	32	41	34	17	26	32	17	23	19	9	14
Spain, Navarre *	92	65	27							15	16	11	17	4	15	27	29	20	31	7	26	22	24	14	22	8	30	28	30	20	31	8	30
Spain, Valencian region	734	495	239	6	1	3	1	3	1	87	12	56	11	31	13	228	31	152	31	76	32	186	25	127	26	59	25	227	31	157	32	70	29
Sweden	1166	774	392	23	2	10	1	13	3	143	12	97	13	46	12	329	28	213	28	116	30	340	29	229	30	111	28	331	28	225	29	106	27
Switzerland	848	549	299	17	2	9	2	8	3	81	10	48	9	33	11	249	29	162	30	87	29	248	29	166	30	82	27	253	30	164	30	89	30
the Netherlands	1996	1282	714	38	2	18	1	20	3	203	10	131	10	72	10	653	33	408	32	245	34	588	29	371	29	217	30	514	26	354	28	160	22
United Kingdom, All countries * ¶	7534	4696	2838							1115	15	642	14	473	17	2727	36	1664	35	1063	37	1887	25	1180	25	707	25	1805	24	1210	26	595	21
United Kingdom, England * ¶	6323	3978	2345							944	15	549	14	395	17	2256	36	1379	35	877	37	1581	25	1000	25	581	25	1542	24	1050	26	492	21
United Kingdom, Northern Ireland *	220	114	106							32	15	10	9	22	21	69	31	35	31	34	32	51	23	26	23	25	24	68	31	43	38	25	24
United Kingdom, Scotland	619	366	253	10	2	5	1	5	2	87	14	51	14	36	14	268	43	164	45	104	41	163	26	94	26	69	27	91	15	52	14	39	15
United Kingdom, Wales *	382	243	139							52	14	32	13	20	14	134	35	86	35	48	35	92	24	60	25	32	23	104	27	65	27	39	28

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

* Patients younger than 20 years of age are not reported

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.2
Incident rates per million (age-related) population by age and gender, unadjusted
at day 1

	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	140.2	186.4	96.0	3.6	3.5	3.7	38.8	54.8	22.5	157.7	206.9	109.3	448.5	652.5	271.7	434.3	682.0	280.9
Belgium, Dutch-speaking *	178.9	223.1	135.7				39.2	51.1	27.0	137.2	181.7	92.0	471.5	642.1	311.1	854.9	1192.4	626.7
Belgium, French-speaking *	187.9	235.2	142.6				44.9	52.6	37.2	210.6	275.4	147.1	592.0	895.9	329.6	851.3	1215.2	640.9
Bosnia and Herzegovina	114.4	140.3	89.5	2.5	2.5	2.6	37.6	46.6	28.3	173.7	213.4	135.9	394.5	519.7	296.8	302.9	498.6	180.0
Denmark	108.2	136.3	80.4	8.3	13.2	3.1	52.7	59.6	45.5	123.7	144.2	103.0	291.7	412.0	177.9	325.7	492.0	208.6
Estonia	86.7	79.6	92.9	7.4	0	15.2	53.2	34.5	72.8	121.8	130.4	114.2	188.3	180.9	192.9	181.8	321.4	126.8
Finland	94.9	127.2	63.6	14.2	14.7	13.6	44.7	52.8	36.2	130.4	169.1	92.0	240.1	372.8	120.8	175.6	293.5	104.1
France	166.4	219.1	116.8	8.1	8.3	7.9	47.0	58.6	35.6	163.0	208.9	119.3	434.7	624.4	266.6	726.3	1203.1	432.7
Greece	226.9	309.0	149.6	8.6	7.4	9.7	42.3	57.8	26.7	204.7	304.0	113.4	537.4	838.0	274.2	932.6	1323.8	649.2
Iceland	72.5	102.3	42.5	0	0	0	60.6	84.7	35.4	86.4	123.6	49.3	235.0	313.8	156.5	202.3	348.1	89.6
Norway	99.1	130.6	67.1	9.5	12.4	6.5	38.0	48.5	26.8	119.6	154.2	83.5	288.2	383.0	196.1	380.9	641.6	203.9
Romania	159.3	192.9	127.2	5.3	4.7	6.0	56.5	69.3	42.9	248.7	312.7	187.2	456.4	580.0	362.3	363.8	566.1	245.7
Serbia	115.3	148.2	81.6	7.2	11.2	0	35.0	48.7	20.8	169.9	215.9	123.8	287.3	399.7	188.9	284.2	432.8	184.7
Spain, Andalusia	123.4	162.0	85.7	12.1	11.8	12.5	41.8	51.8	31.5	160.3	215.3	105.9	373.5	532.2	232.0	400.9	632.4	250.1
Spain, Aragon	117.2	175.4	60.0	0	0	0	34.8	49.6	19.1	114.6	172.6	55.3	388.8	670.1	133.5	321.3	517.9	189.9
Spain, Asturias	167.6	240.9	100.5	0	0	0	55.3	79.2	31.0	190.9	276.1	109.9	330.0	514.4	172.6	432.8	746.0	248.8
Spain, Basque country	122.4	179.0	69.1	7.5	4.9	10.3	32.9	35.6	30.2	140.9	205.9	77.9	388.9	600.1	203.1	259.7	516.0	102.9
Spain, Cantabria *	104.5	168.2	43.5				26.4	31.2	21.4	122.5	187.9	57.9	380.1	623.9	163.2	210.2	511.5	26.0
Spain, Castile and León *	116.4	165.6	68.2				22.7	20.8	24.7	125.0	193.5	53.8	322.3	514.7	140.2	285.6	427.5	190.7
Spain, Castile-La Mancha *	107.0	139.3	74.4				32.3	37.9	26.2	152.7	204.2	98.4	293.6	354.4	237.4	307.9	511.4	164.2
Spain, Catalonia	166.1	224.0	110.1	5.9	10.2	1.4	42.3	53.5	30.8	174.2	224.9	124.4	512.8	771.9	286.1	637.2	1076.9	362.2
Spain, Extremadura	139.1	167.9	110.7	4.8	0	9.8	24.6	32.0	16.8	182.5	240.4	122.1	419.2	463.3	379.4	385.6	564.6	268.9
Spain, Galicia	144.1	205.6	86.6	0	0	0	40.2	45.5	34.8	168.1	252.2	87.0	382.8	632.1	163.3	316.4	477.0	215.5
Spain, Community of Madrid	125.4	175.9	78.8	12.3	13.5	11.0	31.0	41.3	21.0	140.8	200.6	86.4	413.3	603.2	257.4	474.1	882.4	232.2
Spain, Region of Murcia	125.4	161.8	88.8	3.0	0	6.1	38.7	53.3	23.0	196.6	217.5	175.5	516.0	778.1	284.7	298.4	532.5	140.5
Spain, Navarre *	144.4	205.8	84.1				71.7	103.3	39.0	154.9	226.4	81.5	365.6	480.8	257.7	450.8	815.9	212.7
Spain, Valencian region	147.4	201.2	94.8	6.1	5.9	6.3	50.2	63.2	36.6	169.2	227.6	111.9	384.2	558.2	229.9	527.1	912.4	270.7
Sweden	119.0	157.9	80.0	10.3	8.7	12.1	44.6	59.2	29.4	134.8	173.0	96.0	312.1	427.2	200.7	393.7	642.5	216.1
Switzerland	102.4	134.0	71.5	10.2	10.5	9.9	28.9	33.8	23.8	107.0	138.4	75.3	311.5	436.2	197.3	369.8	604.9	215.4
the Netherlands	117.8	152.7	83.6	9.9	9.2	10.7	38.3	49.2	27.3	136.8	170.5	102.9	335.4	430.8	243.3	397.4	676.6	207.8
United Kingdom, All countries * ¶	115.7	146.4	85.9				51.9	59.7	44.0	163.8	202.9	125.8	297.6	386.7	215.0	342.4	549.8	193.8
United Kingdom, England * ¶	115.4	147.2	84.5				51.9	60.2	43.5	162.5	201.3	124.7	299.1	392.8	212.1	348.4	566.0	191.4
United Kingdom, Northern Ireland *	118.8	125.4	112.5				52.6	33.3	71.4	147.3	151.5	143.3	313.6	334.4	294.5	526.3	822.7	324.9
United Kingdom, Scotland	115.2	140.2	91.6	8.6	8.4	8.8	49.7	59.2	40.5	181.0	227.7	136.7	298.9	362.4	241.4	207.9	295.0	149.2
United Kingdom, Wales *	123.3	159.3	88.3				54.6	66.9	42.2	164.2	215.6	115.1	265.8	356.8	179.8	373.2	554.4	241.6

* Patients younger than 20 years of age are not reported

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.3
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	65.0	14.7	67.5	65.0	64.6	14.6	67.1	35.0	65.7	15.0	68.2
Belgium, Dutch-speaking *	100	70.6	14.0	74.0	61.7	69.7	14.1	72.0	38.3	72.0	13.8	76.0
Belgium, French-speaking *	100	67.8	14.7	69.8	61.2	67.2	13.9	68.9	38.8	68.8	15.8	72.3
Bosnia and Herzegovina	100	61.4	13.7	63.2	60.1	61.0	14.1	62.9	39.9	61.9	13.0	63.2
Denmark	100	62.3	16.2	66.3	62.6	62.4	16.5	67.0	37.4	62.3	15.8	64.6
Estonia	100	58.6	17.3	62.1	43.0	60.8	15.1	61.7	57.0	57.0	18.7	62.5
Finland	100	59.6	16.9	62.9	66.0	60.3	16.3	63.7	34.0	58.3	18.0	60.6
France	100	67.9	16.4	70.8	63.8	68.2	16.0	70.9	36.2	67.5	17.2	70.8
Greece	100	69.6	14.8	72.9	66.0	68.7	14.4	71.3	34.0	71.3	15.4	76.2
Iceland	100	57.4	17.1	60.1	70.8	58.0	16.6	62.1	29.2	55.7	19.4	54.2
Norway	100	63.0	17.6	67.0	66.3	63.1	17.5	67.2	33.7	62.7	17.8	66.8
Romania	100	61.7	14.3	63.3	59.1	61.1	14.3	62.5	40.9	62.4	14.3	64.6
Serbia	100	62.4	14.1	64.2	62.6	61.8	14.3	63.9	36.3	63.6	12.8	64.5
Spain, Andalusia	100	62.6	15.9	65.5	64.9	62.9	15.4	65.4	35.1	62.1	16.9	66.2
Spain, Aragon	100	66.2	13.9	68.7	74.2	65.6	14.0	67.9	25.8	67.9	13.8	73.2
Spain, Asturias	100	66.6	14.0	67.8	68.8	66.4	14.0	66.6	31.3	67.1	14.0	69.2
Spain, Basque country	100	64.8	14.1	67.6	70.9	65.8	13.4	68.1	29.1	62.6	15.5	66.4
Spain, Cantabria *	100	65.6	12.1	68.0	78.7	66.3	12.4	68.1	21.3	62.8	10.8	63.6
Spain, Castile and León *	100	67.4	13.2	69.5	70.4	67.1	11.7	68.5	29.6	68.2	16.1	72.4
Spain, Castile-La Mancha *	100	64.0	14.4	66.3	65.5	64.4	13.9	65.7	34.5	63.2	15.4	66.6
Spain, Catalonia	100	66.9	15.0	69.9	66.3	66.9	14.9	69.6	33.7	67.0	15.0	70.7
Spain, Extremadura	100	66.2	12.9	67.5	59.9	66.3	12.2	66.3	40.1	66.1	14.0	69.7
Spain, Galicia	100	65.6	14.0	68.4	69.0	65.2	13.2	67.8	31.0	66.6	15.5	69.4
Spain, Community of Madrid	100	65.2	16.0	68.2	67.3	65.6	15.6	68.5	32.7	64.2	16.7	67.4
Spain, Region of Murcia	100	62.3	13.5	64.8	64.7	63.5	13.6	67.0	35.3	60.1	13.3	60.5
Spain, Navarre *	100	63.6	16.3	66.2	70.7	63.3	16.3	66.3	29.3	64.4	16.6	66.1
Spain, Valencian region	100	64.8	15.5	68.2	67.4	65.3	15.3	68.7	32.6	64.0	15.9	67.2
Sweden	100	63.7	16.6	68.1	66.4	64.1	16.4	68.3	33.6	63.0	17.2	67.1
Switzerland	100	64.6	16.8	68.5	64.7	65.0	16.2	68.5	35.3	63.8	17.9	68.8
the Netherlands	100	63.7	15.9	66.6	64.2	64.4	15.6	67.2	35.8	62.5	16.4	66.2
United Kingdom, All countries *	100	62.3	15.5	64.5	62.3	63.1	15.3	65.3	37.7	60.9	15.7	62.9
United Kingdom, England *	100	62.3	15.6	64.7	62.9	63.2	15.4	65.7	37.1	60.9	15.8	62.9
United Kingdom, Northern Ireland *	100	63.5	16.5	67.7	51.8	66.2	15.7	70.3	48.2	60.5	16.8	62.3
United Kingdom, Scotland	100	59.6	15.5	61.3	59.1	59.6	15.3	61.1	40.9	59.6	15.8	62.6
United Kingdom, Wales *	100	63.3	15.3	65.4	63.6	63.6	15.3	65.9	36.4	62.8	15.4	65.1

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

** Patients younger than 20 years of age are not reported*

Table B.2.4
Incident rates per million population, adjusted
at day 1, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Austria	134.5	177.0	94.0
Belgium, Dutch-speaking *	161.8	197.8	127.5
Belgium, French-speaking *	196.9	246.8	149.2
Bosnia and Herzegovina	119.4	147.9	92.1
Denmark	105.7	130.2	82.2
Estonia	85.7	82.4	88.9
Finland	89.5	118.2	62.1
France	160.2	207.4	115.2
Greece	194.0	258.8	132.2
Iceland	81.4	114.6	49.8
Norway	104.7	136.9	73.9
Romania	156.7	193.8	121.4
Serbia	103.0	134.5	73.0
Spain, Andalusia	127.3	166.9	89.5
Spain, Aragon	105.4	158.1	55.2
Spain, Asturias	133.0	187.7	80.9
Spain, Basque country	107.0	153.9	62.3
Spain, Cantabria *	94.7	151.6	40.4
Spain, Castile and León *	94.1	133.8	56.3
Spain, Castile-La Mancha *	104.6	134.4	76.2
Spain, Catalonia	161.9	217.1	109.3
Spain, Extremadura	130.3	155.0	106.8
Spain, Galicia	119.7	170.1	71.6
Spain, Community of Madrid	130.6	182.3	81.3
Spain, Region of Murcia	137.1	178.4	97.8
Spain, Navarre *	138.2	193.3	85.6
Spain, Valencian region	140.9	190.7	93.4
Sweden	113.6	147.9	80.8
Switzerland	99.6	128.5	72.1
the Netherlands	114.0	145.4	84.1
United Kingdom, All countries * ¶	116.9	145.5	89.7
United Kingdom, England * ¶	117.1	146.9	88.8
United Kingdom, Northern Ireland *	128.9	133.4	124.7
United Kingdom, Scotland	112.1	135.0	90.2
United Kingdom, Wales *	118.1	149.6	88.0

* Patients younger than 20 years of age are not reported

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.5
Incident rates per million population and percentages by primary renal disease, unadjusted
at day 1

	All		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	140.2	100	15.1	10.8	5.5	3.9	7.2	5.1	2.9	2.1	33.9	24.2	36.8	26.2	17.4	12.4	15.4	11.0	26.4	18.9	16.4	11.7	0	0
Belgium, Dutch-speaking *	178.9	100	18.1	10.1	7.0	3.9	8.8	4.9	4.3	2.4	31.8	17.8	36.2	20.2	19.3	10.8	11.0	6.1	64.0	35.8	14.7	8.2	0	0
Belgium, French-speaking *	187.9	100	17.3	9.2	9.2	4.9	6.5	3.4	4.0	2.1	37.1	19.7	41.0	21.8	33.7	18.0	1.2	0.7	59.4	31.6	19.6	10.4	0	0
Bosnia and Herzegovina	114.4	100	12.5	10.9	12.5	10.9	3.4	3.0	10.2	8.9	24.4	21.3	34.5	30.2	14.2	12.4	2.0	1.7	21.5	18.8	13.9	12.1	0	0
Denmark	108.2	100	11.8	11.0	5.4	5.0	7.5	6.9	8.2	7.6	23.0	21.3	31.2	28.8	14.5	13.4	0.9	0.8	16.7	15.5	20.2	18.7	0	0
Estonia	86.7	100	16.7	19.3	6.8	7.9	1.5	1.8	17.5	20.2	0	0	17.5	20.2	22.8	26.3	1.5	1.8	19.8	22.8	0	0	0	0
Finland	94.9	100	11.1	11.7	4.7	5.0	10.8	11.3	15.0	15.8	17.3	18.3	32.3	34.0	4.7	5.0	0.9	1.0	18.8	19.8	11.5	12.1	0	0
France	166.4	100	20.4	12.3	7.9	4.8	9.1	5.4			37.7	22.7	42.3	25.4	1.7	1.0	1.0		23.8	14.3	22.9	13.8	0.6	0.3
Greece	226.9	100	17.7	7.8	9.4	4.2	7.4	3.3	5.1	2.2	54.6	24.1	59.7	26.3	21.9	9.7	3.0	1.3	22.3	9.8	85.6	37.7	0	0
Iceland	72.5	100	12.1	16.7	0	0	15.1	20.8	6.0	8.3	9.1	12.5	15.1	20.8	9.1	12.5	3.0	4.2	18.1	25.0	0	0	0	0
Norway	99.1	100	11.9	12.1	4.8	4.9	9.3	9.3	4.6	4.7	12.7	12.8	17.3	17.5	29.3	29.6	1.2	1.2	23.1	23.3	2.1	2.1	0	0
Romania	159.3	100	19.3	12.1	6.3	3.9	3.4	2.1			18.1	11.4	10.4	6.5	1.0	0.6	0.6		27.9	17.5	71.9	45.1	1.0	0.6
Serbia	115.3	100	9.2	7.9	11.6	10.0	4.5	3.9	9.9	8.6	16.2	14.1	26.1	22.6	33.3	28.9	2.7	2.3	14.1	12.2	13.8	12.0	0.1	0.1
Spain, Andalusia	123.4	100	15.7	12.7	7.5	6.1	7.5	6.1			31.3	25.4	12.1	9.8	0.5	0.4	0.4		20.8	16.9	28.0	22.7	0	0
Spain, Aragon	117.2	100	3.0	2.6	3.0	2.6	0.8	0.6	0	0	4.5	3.9	4.5	3.9	2.3	1.9	0.8	0.6	2.3	1.9	100.6	85.8	0	0
Spain, Asturias	167.6	100	21.0	12.5	1.9	1.1	9.5	5.7	5.7	3.4	37.1	22.2	42.9	25.6	28.6	17.0	3.8	2.3	23.8	14.2	30.5	18.2	5.7	3.4
Spain, Basque country	122.4	100	17.1	14.0	2.8	2.3	9.7	7.9	2.8	2.3	24.0	19.6	26.8	21.9	23.6	19.2	2.8	2.3	18.0	14.7	21.7	17.7	0	0
Spain, Cantabria *	104.5	100	18.8	18.0	3.4	3.3	6.8	6.6	0	0	27.4	26.2	27.4	26.2	3.4	3.3	13.7	13.1	15.4	14.8	8.6	8.2	6.8	6.6
Spain, Castile and León * ‡	116.4	100	19.5	16.7	6.1	5.2	6.1	5.2	2.4	2.1	26.4	22.6	28.8	24.7	22.3	19.2	0	0	15.0	12.9	18.7	16.0	0	0
Spain, Castile-La Mancha *	107.0	100	19.9	18.6	13.1	12.3	8.8	8.2			22.9	21.4	7.3	6.8	4.4	4.1			11.7	10.9	19.0	17.7	0	0
Spain, Catalonia	166.1	100	16.5	9.9	8.9	5.4	10.0	6.0	3.5	2.1	24.6	14.8	28.4	17.1	13.3	8.0	4.8	2.9	18.6	11.2	65.5	39.5	0	0
Spain, Extremadura	139.1	100	19.2	13.8	6.4	4.6	11.9	8.6			31.1	22.4	18.3	13.2	3.7	2.6			13.7	9.9	33.9	24.3	0.9	0.7
Spain, Galicia	144.1	100	18.7	13.0	5.1	3.6	12.8	8.9	5.9	4.1	32.3	22.4	38.1	26.5	18.3	12.7	7.0	4.8	16.9	11.7	27.1	18.8	0	0
Spain, Community of Madrid	125.4	100	13.8	11.0	4.7	3.7	9.2	7.3	2.8	2.2	30.9	24.7	33.7	26.9	18.3	14.6	1.6	1.2	23.0	18.3	21.1	16.9	0	0
Spain, Region of Murcia	125.4	100	27.3	21.7	8.9	7.1	10.9	8.7			25.2	20.1	9.5	7.6	3.4	2.7			19.1	15.2	21.1	16.8	0	0
Spain, Navarre *	144.4	100	12.6	8.7	4.7	3.3	9.4	6.5	3.1	2.2	22.0	15.2	25.1	17.4	22.0	15.2	4.7	3.3	39.2	27.2	26.7	18.5	0	0
Spain, Valencian region	147.4	100	20.5	13.9	7.4	5.0	9.4	6.4			29.5	20.0	25.3	17.2	8.8	6.0			17.9	12.1	28.5	19.3	0	0
Sweden ‡	119.0	100	17.0	14.3	3.6	3.0	7.6	6.3	8.7	7.3	22.6	19.0	31.2	26.2	18.7	15.7	0.7	0.6	26.8	22.6	13.4	11.2	0	0
Switzerland	102.4	100	14.7	14.4	1.6	1.5	6.9	6.7	2.5	2.5	16.2	15.8	18.7	18.3	17.9	17.5	3.1	3.1	24.8	24.2	8.7	8.5	6.0	5.9
the Netherlands	117.8	100	10.4	8.9	4.0	3.4	4.7	4.0	3.8	3.2	18.4	15.6	22.1	18.8	13.8	11.7	13.4	11.4	20.0	16.9	10.7	9.1	18.6	15.8
United Kingdom, All countries * ¶	115.7	100	14.7	12.7	7.3	6.3	7.4	6.4			28.8	24.9	7.1	6.1	2.3	2.0			21.8	18.8	15.1	13.0	11.2	9.7
United Kingdom, England * ¶	115.4	100	13.9	12.0	7.2	6.2	7.1	6.2			28.2	24.5	7.6	6.6	2.4	2.1			20.9	18.1	15.3	13.3	12.9	11.2
United Kingdom, Northern Ireland *	118.8	100	17.8	15.0	10.3	8.6	7.0	5.9			27.5	23.2	5.9	5.0	0.5	0.5			21.6	18.2	16.7	14.1	11.3	9.5
United Kingdom, Scotland	115.2	100	17.7	15.3	6.7	5.8	10.2	8.9			32.2	27.9	4.8	4.2	2.0	1.8			28.5	24.7	13.0	11.3	0	0
United Kingdom, Wales *	123.3	100	24.2	19.6	9.4	7.6	7.4	6.0			33.6	27.2	3.5	2.9	2.3	1.8			28.1	22.8	14.2	11.5	0.6	0.5

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

‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.6
Incident rates per million population by primary renal disease, adjusted
at day 1, adjusted for age and gender

	All	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	134.5	14.5	5.3	6.9	2.9	32.5	35.4	16.4	14.6	25.7	15.7	0
Belgium, Dutch-speaking *	161.8	16.8	6.6	8.3	4.1	28.6	32.7	17.2	9.2	57.6	13.4	0
Belgium, French-speaking *	196.9	17.8	9.5	6.5	4.1	39.5	43.7	35.2	1.4	62.9	19.8	0
Bosnia and Herzegovina	119.4	12.4	13.7	3.3	10.0	24.7	34.8	15.9	2.2	22.5	14.5	0
Denmark	105.7	12.1	5.2	7.3	8.2	21.7	30.0	13.7	0.9	16.5	20.0	0
Estonia	85.7	16.6	6.7	1.3	16.6	0	16.6	23.5	1.4	19.5	0	0
Finland	89.5	10.5	4.4	10.1	15.8	15.1	30.9	4.6	0.8	17.4	10.6	0
France	160.2	20.5	7.7	9.1			36.8	38.9	1.6	23.4	21.6	0.6
Greece	194.0	16.4	8.0	7.1	5.0	46.3	51.3	18.0	2.5	19.6	71.2	0
Iceland	81.4	13.1	0	17.9	5.9	10.3	16.2	10.0	3.0	21.3	0	0
Norway	104.7	12.4	4.8	9.9	4.8	13.5	18.3	32.1	1.2	23.7	2.2	0
Romania	156.7	19.0	6.2	3.4			17.7	10.3	1.0	27.6	70.5	1.1
Serbia	103.0	8.5	10.6	4.1	8.4	13.7	22.1	30.2	2.2	12.6	12.5	0.2
Spain, Andalusia	127.3	15.8	7.7	7.4			32.4	12.7	0.5	21.5	29.1	0
Spain, Aragon	105.4	2.9	2.6	0.7	0	3.8	3.8	2.1	0.8	2.1	90.5	0
Spain, Asturias	133.0	17.9	1.4	7.8	5.0	29.3	34.3	21.6	2.9	19.8	22.4	5.0
Spain, Basque country	107.0	15.8	2.3	8.8	2.5	21.0	23.5	19.6	2.3	16.3	18.5	0
Spain, Cantabria *	94.7	17.5	3.0	6.1	0	23.7	23.7	3.3	13.1	13.5	8.7	5.8
Spain, Castile and León * ‡	94.1	16.3	5.4	5.2	2.3	20.9	23.2	16.5	0	12.3	15.2	0
Spain, Castile-La Mancha *	104.6	19.7	12.8	8.8			23.1	6.6	4.1	11.7	17.9	0
Spain, Catalonia	161.9	16.2	8.7	9.8	3.3	24.6	28.2	12.6	4.5	18.6	63.2	0
Spain, Extremadura	130.3	19.0	6.5	11.4			29.1	17.2	3.2	12.7	30.4	0.8
Spain, Galicia	119.7	16.3	4.2	11.3	5.4	26.6	32.0	14.3	5.4	14.6	21.6	0
Spain, Community of Madrid	130.6	14.3	4.8	9.1	2.7	33.0	35.7	19.0	1.6	24.0	22.0	0
Spain, Region of Murcia	137.1	28.7	9.8	11.8			28.2	11.1	4.1	21.0	22.5	0
Spain, Navarre *	138.2	12.5	4.6	8.6	3.0	21.0	24.0	19.8	4.5	38.2	25.9	0
Spain, Valencian region	140.9	19.9	7.1	8.9			28.1	23.9	8.3	17.7	27.0	0
Sweden ‡	113.6	17.0	3.3	7.8	8.7	20.4	29.1	17.1	0.7	26.0	12.7	0
Switzerland	99.6	14.4	1.6	6.6	2.4	15.7	18.1	17.3	3.1	24.3	8.5	5.8
the Netherlands	114.0	10.1	3.9	4.6	3.9	17.4	21.3	13.7	12.9	19.3	10.3	17.9
United Kingdom, All countries * ¶	116.9	15.0	7.3	7.6			29.2	7.1	2.2	22.0	15.2	11.3
United Kingdom, England * ¶	117.1	14.2	7.2	7.4			28.8	7.6	2.3	21.2	15.4	13.1
United Kingdom, Northern Ireland *	128.9	19.0	10.9	7.3			29.7	6.7	0.6	23.3	18.7	12.6
United Kingdom, Scotland	112.1	17.3	6.7	10.0			31.3	4.5	1.9	27.6	12.8	0
United Kingdom, Wales *	118.1	24.0	8.7	7.6			32.1	3.6	1.9	26.6	13.2	0.5

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

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Table B.2.7
Incident counts by treatment modality
at day 1

	All	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	1204	954	0	50	8	67	1079	26	66	5	97	16	12	0	28	0	0
Belgium, Dutch-speaking *	1158	836	2	0	3	202	1043	34	68	0	102	4	9	0	13	0	0
Belgium, French-speaking *	902	602	4	0	9	173	788	30	65	0	95	10	9	0	19	0	0
Bosnia and Herzegovina	404	381	0	0	0	7	388	0	16	0	16	0	0	0	0	0	0
Denmark &	621	372	0	0			372	77	108	0	185	29	35	0	64	0	0
Estonia	114	87	0	0	0	4	91	17	6	0	23	0	0	0	0	0	0
Finland	520	378	12	0	0	6	396	40	80	0	120	2	2	0	4	0	0
France	11084	7782	4	16	22	1678	9502	260	873	0	1133	161	288	0	449	0	0
Greece	2455	2274	0	0	0	28	2302	43	107	0	150	3	0	0	3	0	0
Iceland	24	20	0	0			20	0	1	0	1	3	0	0	3	0	0
Norway	514	339	0	0			339			117	117	24	34	0	58	0	0
Romania	3125	3021	0	0	3	1	3025	3	71	6	80	6	13	1	20	0	0
Serbia	818	698	0	1	0	1	700	4	87	0	91	15	3	0	18	9	0
Spain, Andalusia	1037	828	0	0			828			156	156	30	23	0	53	0	0
Spain, Aragon	155	109	0	0		12	121	1	31	0	32	2	0	0	2	0	0
Spain, Asturias	176	136	0	0		1	137	10	26	0	36	2	1	0	3	0	0
Spain, Basque country	265	184	0	0			184	2	61	0	63	15	3	0	18	0	0
Spain, Cantabria *	61	47	0	0			47	0	12	0	12	0	2	0	2	0	0
Spain, Castile and León *	287	231	0	0			231	16	35	0	51	0	5	0	5	0	0
Spain, Castile-La Mancha *	220	171	0	0			171	8	39	0	47			2	2	0	0
Spain, Catalonia	1247	777	0	0		211	988	31	134	0	165	68	26	0	94	0	0
Spain, Extremadura	152	134	0	0			134	8	10	0	18	0	0	0	0	0	0
Spain, Galicia	393	289	1	0	0	1	291	8	70	0	78	23	1	0	24	0	0
Spain, Community of Madrid	807	651	0	0			651	37	81	0	118	12	26	0	38	0	0
Spain, Region of Murcia	184	149	0	0	0	2	151	3	27	0	30	1	2	0	3	0	0
Spain, Navarre *	92	53	2	0			55	20	8	0	28	2	7	0	9	0	0
Spain, Valencian region	734	566	2	0			568	11	135	0	146	8	12	0	20	0	0
Sweden	1166	740	1	0			741			356	356	40	29	0	69	0	0
Switzerland	848	639	3	7	0	0	649	40	100	6	146	38	15	0	53	0	0
the Netherlands	1996	1431	0	0			1431	56	262	0	318	221	26	0	247	0	0
United Kingdom, All countries * ¶	7534	4829	17	5	12	643	5506	565	858	29	1452	263	274	39	576	0	0
United Kingdom, England * ¶	6323	3946	12	5	10	622	4595	474	748	25	1247	200	242	39	481	0	0
United Kingdom, Northern Ireland *	220	145	1	0	0	1	147	28	7	4	39	29	5	0	34	0	0
United Kingdom, Scotland	619	476	0	0			476	40	54	0	94	24	25	0	49	0	0
United Kingdom, Wales *	382	268	4	0	2	20	294	24	49	0	73	11	4	0	15	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, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

& No distinction is made between HD and HDF

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.8
Incident rates per million population by treatment modality, unadjusted
at day 1

	All	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	Pmp	Pmp	Pmp
Austria	140.2	111.1	0	5.8	0.9	7.8	125.7	3.0	7.7	0.6	11.3	1.9	1.4	0	3.3	0	0
Belgium, Dutch-speaking *	178.9	129.2	0.3	0	0.5	31.2	161.1	5.3	10.5	0	15.8	0.6	1.4	0	2.0	0	0
Belgium, French-speaking *	187.9	125.4	0.8	0	1.9	36.0	164.1	6.2	13.5	0	19.8	2.1	1.9	0	4.0	0	0
Bosnia and Herzegovina	114.4	107.9	0	0	0	2.0	109.9	0	4.5	0	4.5	0	0	0	0	0	0
Denmark &	108.2	64.8	0	0			64.8	13.4	18.8	0	32.2	5.1	6.1	0	11.2	0	0
Estonia	86.7	66.1	0	0	0	3.0	69.2	12.9	4.6	0	17.5	0	0	0	0	0	0
Finland	94.9	69.0	2.2	0	0	1.1	72.3	7.3	14.6	0	21.9	0.4	0.4	0	0.7	0	0
France	166.4	116.8	0.1	0.2	0.3	25.2	142.6	3.9	13.1	0	17.0	2.4	4.3	0	6.7	0	0
Greece	226.9	210.1	0	0	0	2.6	212.7	4.0	9.9	0	13.9	0.3	0	0	0.3	0	0
Iceland	72.5	60.5	0	0			60.5	0	3.0	0	3.0	9.1	0	0	9.1	0	0
Norway	99.1	65.3	0	0			65.3			22.5	22.5	4.6	6.6	0	11.2	0	0
Romania	159.3	154.0	0	0	0.2	0.1	154.2	0.2	3.6	0.3	4.1	0.3	0.7	0.1	1.0	0	0
Serbia	115.3	98.4	0	0.1	0	0.1	98.7	0.6	12.3	0	12.8	2.1	0.4	0	2.5	1.3	0
Spain, Andalusia	123.4	98.5	0	0			98.5			18.6	18.6	3.6	2.7	0	6.3	0	0
Spain, Aragon	117.2	82.4	0	0		9.1	91.5	0.8	23.4	0	24.2	1.5	0	0	1.5	0	0
Spain, Asturias	167.6	129.5	0	0		1.0	130.5	9.5	24.8	0	34.3	1.9	1.0	0	2.9	0	0
Spain, Basque country	122.4	85.0	0	0			85.0	0.9	28.2	0	29.1	6.9	1.4	0	8.3	0	0
Spain, Cantabria *	104.5	80.5	0	0			80.5	0	20.5	0	20.5	0	3.4	0	3.4	0	0
Spain, Castile and León *	116.4	93.7	0	0			93.7	6.5	14.2	0	20.7	0	2.0	0	2.0	0	0
Spain, Castile-La Mancha *	107.0	83.2	0	0			83.2	3.9	19.0	0	22.9			1.0	1.0	0	0
Spain, Catalonia	166.1	103.5	0	0		28.1	131.6	4.1	17.8	0	22.0	9.1	3.5	0	12.5	0	0
Spain, Extremadura	139.1	122.6	0	0			122.6	7.3	9.1	0	16.5	0	0	0	0	0	0
Spain, Galicia	144.1	106.0	0.4	0	0	0.4	106.7	2.9	25.7	0	28.6	8.4	0.4	0	8.8	0	0
Spain, Community of Madrid	125.4	101.1	0	0			101.1	5.7	12.6	0	18.3	1.9	4.0	0	5.9	0	0
Spain, Region of Murcia	125.4	101.5	0	0	0	1.4	102.9	2.0	18.4	0	20.4	0.7	1.4	0	2.0	0	0
Spain, Navarre *	144.4	83.2	3.1	0			86.3	31.4	12.6	0	44.0	3.1	11.0	0	14.1	0	0
Spain, Valencian region	147.4	113.6	0.4	0			114.0	2.2	27.1	0	29.3	1.6	2.4	0	4.0	0	0
Sweden	119.0	75.5	0.1	0			75.6			36.3	36.3	4.1	3.0	0	7.0	0	0
Switzerland	102.4	77.2	0.4	0.8	0	0	78.4	4.8	12.1	0.7	17.6	4.6	1.8	0	6.4	0	0
the Netherlands	117.8	84.5	0	0			84.5	3.3	15.5	0	18.8	13.0	1.5	0	14.6	0	0
United Kingdom, All countries * ¶	115.7	74.2	0.3	0.1	0.2	9.9	84.6	8.7	13.2	0.4	22.3	4.0	4.2	0.6	8.8	0	0
United Kingdom, England * ¶	115.4	72.0	0.2	0.1	0.2	11.4	83.9	8.7	13.7	0.5	22.8	3.7	4.4	0.7	8.8	0	0
United Kingdom, Northern Ireland *	118.8	78.3	0.5	0	0	0.5	79.4	15.1	3.8	2.2	21.1	15.7	2.7	0	18.4	0	0
United Kingdom, Scotland	115.2	88.6	0	0			88.6	7.4	10.1	0	17.5	4.5	4.7	0	9.1	0	0
United Kingdom, Wales *	123.3	86.5	1.3	0	0.6	6.5	94.9	7.7	15.8	0	23.6	3.5	1.3	0	4.8	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
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

& No distinction is made between HD and HDF

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.9
Incident rates per million population by treatment modality, adjusted
at day 1, adjusted for age and gender

	All																Unkn	Missing
	Haemodialysis							Peritoneal dialysis				Transplant						
	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx				
Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp			
Austria	134.5	106.6	0	5.5	0.9	7.3	120.4	2.9	7.5	0.5	10.9	1.8	1.3	0	3.1	0	0	
Belgium, Dutch-speaking *	161.8	115.9	0.3	0	0.5	28.5	145.1	5.0	9.8	0	14.8	0.6	1.3	0	1.9	0	0	
Belgium, French-speaking *	196.9	131.6	0.9	0	2.0	37.9	172.4	6.5	13.9	0	20.4	2.1	1.9	0	4.0	0	0	
Bosnia and Herzegovina	119.4	112.9	0	0	0	2.1	115.0	0	4.4	0	4.4	0	0	0	0	0	0	
Denmark &	105.7	63.1	0	0			63.1	13.3	18.0	0	31.3	5.2	6.0	0	11.3	0	0	
Estonia	85.7	65.5	0	0	0	2.8	68.3	13.1	4.3	0	17.4	0	0	0	0	0	0	
Finland	89.5	63.8	2.2	0	0	1.1	67.1	7.4	14.2	0	21.6	0.4	0.4	0	0.8	0	0	
France	160.2	112.2	0.1	0.2	0.3	24.2	137.0	3.9	12.3	0	16.3	2.5	4.5	0	7.0	0	0	
Greece	194.0	179.0	0	0	0	2.3	181.3	3.5	8.9	0	12.4	0.3	0	0	0.3	0	0	
Iceland	81.4	67.4	0	0			67.4	0	3.8	0	3.8	10.3	0	0	10.3	0	0	
Norway	104.7	69.1	0	0			69.1			24.1	24.1	4.6	6.8	0	11.4	0	0	
Romania	156.7	151.5	0	0	0.1	0	151.7	0.1	3.6	0.3	4.0	0.3	0.7	0.1	1.0	0	0	
Serbia	103.0	87.5	0	0.1	0	0.1	87.8	0.4	10.9	0	11.3	2.2	0.5	0	2.7	1.2	0	
Spain, Andalusia	127.3	102.4	0	0			102.4			18.7	18.7	3.5	2.7	0	6.2	0	0	
Spain, Aragon	105.4	72.8	0	0		8.2	81.0	0.7	22.0	0	22.7	1.7	0	0	1.7	0	0	
Spain, Asturias	133.0	101.3	0	0		0.8	102.1	8.5	20.0	0	28.4	1.8	0.7	0	2.5	0	0	
Spain, Basque country	107.0	73.4	0	0			73.4	0.8	24.2	0	25.1	7.1	1.4	0	8.5	0	0	
Spain, Cantabria *	94.7	73.4	0	0			73.4	0	18.4	0	18.4	0	2.9	0	2.9	0	0	
Spain, Castile and León *	94.1	74.2	0	0			74.2	5.7	12.4	0	18.2	0	1.8	0	1.8	0	0	
Spain, Castile-La Mancha *	104.6	81.5	0	0			81.5	3.8	18.4	0	22.2			1.0	1.0	0	0	
Spain, Catalonia	161.9	100.3	0	0		27.4	127.6	4.0	17.9	0	21.9	8.9	3.6	0	12.4	0	0	
Spain, Extremadura	130.3	114.3	0	0			114.3	7.0	9.0	0	16.0	0	0	0	0	0	0	
Spain, Galicia	119.7	86.0	0.3	0	0	0.3	86.7	3.0	21.6	0	24.7	8.0	0.3	0	8.3	0	0	
Spain, Community of Madrid	130.6	105.5	0	0			105.5	6.0	13.0	0	19.0	1.9	4.2	0	6.1	0	0	
Spain, Region of Murcia	137.1	112.3	0	0	0	1.4	113.8	2.1	19.5	0	21.6	0.5	1.3	0	1.8	0	0	
Spain, Navarre *	138.2	78.1	2.9	0			81.0	30.4	12.2	0	42.6	3.3	11.3	0	14.6	0	0	
Spain, Valencian region	140.9	108.2	0.4	0			108.6	2.1	26.2	0	28.3	1.6	2.3	0	3.9	0	0	
Sweden	113.6	71.2	0.1	0			71.3			35.1	35.1	4.2	3.0	0	7.2	0	0	
Switzerland	99.6	75.2	0.4	0.8	0	0	76.3	4.8	11.6	0.7	17.1	4.4	1.8	0	6.2	0	0	
the Netherlands	114.0	82.0	0	0			82.0	3.2	14.8	0	18.1	12.5	1.4	0	13.9	0	0	
United Kingdom, All countries * ¶	116.9	74.7	0.3	0.1	0.2	9.9	85.1	8.8	13.4	0.4	22.7	4.2	4.3	0.6	9.1	0	0	
United Kingdom, England * ¶	117.1	72.9	0.2	0.1	0.2	11.5	84.8	8.8	13.9	0.5	23.2	3.8	4.6	0.7	9.1	0	0	
United Kingdom, Northern Ireland *	128.9	86.2	0.6	0	0	0.6	87.4	16.4	3.9	2.3	22.6	16.2	2.7	0	18.9	0	0	
United Kingdom, Scotland	112.1	85.7	0	0			85.7	7.3	9.9	0	17.2	4.5	4.7	0	9.1	0	0	
United Kingdom, Wales *	118.1	81.6	1.2	0	0.6	6.1	89.5	7.9	15.7	0	23.7	3.6	1.3	0	4.9	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
 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

& No distinction is made between HD and HDF

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.2.10
Percentages of treatment modality, unadjusted
at day 1

	All	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	79.2	0	4.2	0.7	5.6	89.6	2.2	5.5	0.4	8.1	1.3	1.0	0	2.3	0	0
Belgium, Dutch-speaking *	100	72.2	0.2	0	0.3	17.4	90.1	2.9	5.9	0	8.8	0.3	0.8	0	1.1	0	0
Belgium, French-speaking *	100	66.7	0.4	0	1.0	19.2	87.4	3.3	7.2	0	10.5	1.1	1.0	0	2.1	0	0
Bosnia and Herzegovina	100	94.3	0	0	0	1.7	96.0	0	4.0	0	4.0	0	0	0	0	0	0
Denmark &	100	59.9	0	0			59.9	12.4	17.4	0	29.8	4.7	5.6	0	10.3	0	0
Estonia	100	76.3	0	0	0	3.5	79.8	14.9	5.3	0	20.2	0	0	0	0	0	0
Finland	100	72.7	2.3	0	0	1.2	76.2	7.7	15.4	0	23.1	0.4	0.4	0	0.8	0	0
France	100	70.2	0	0.1	0.2	15.1	85.7	2.3	7.9	0	10.2	1.5	2.6	0	4.1	0	0
Greece	100	92.6	0	0	0	1.1	93.8	1.8	4.4	0	6.1	0.1	0	0	0.1	0	0
Iceland	100	83.3	0	0			83.3	0	4.2	0	4.2	12.5	0	0	12.5	0	0
Norway	100	66.0	0	0			66.0			22.8	22.8	4.7	6.6	0	11.3	0	0
Romania	100	96.7	0	0	0.1	0	96.8	0.1	2.3	0.2	2.6	0.2	0.4	0	0.6	0	0
Serbia	100	85.3	0	0.1	0	0.1	85.6	0.5	10.6	0	11.1	1.8	0.4	0	2.2	1.1	0
Spain, Andalusia	100	79.8	0	0			79.8			15.0	15.0	2.9	2.2	0	5.1	0	0
Spain, Aragon	100	70.3	0	0		7.7	78.1	0.6	20.0	0	20.6	1.3	0	0	1.3	0	0
Spain, Asturias	100	77.3	0	0		0.6	77.8	5.7	14.8	0	20.5	1.1	0.6	0	1.7	0	0
Spain, Basque country	100	69.4	0	0			69.4	0.8	23.0	0	23.8	5.7	1.1	0	6.8	0	0
Spain, Cantabria *	100	77.0	0	0			77.0	0	19.7	0	19.7	0	3.3	0	3.3	0	0
Spain, Castile and León *	100	80.5	0	0			80.5	5.6	12.2	0	17.8	0	1.7	0	1.7	0	0
Spain, Castile-La Mancha *	100	77.7	0	0			77.7	3.6	17.7	0	21.4			0.9	0.9	0	0
Spain, Catalonia	100	62.3	0	0		16.9	79.2	2.5	10.7	0	13.2	5.5	2.1	0	7.5	0	0
Spain, Extremadura	100	88.2	0	0			88.2	5.3	6.6	0	11.8	0	0	0	0	0	0
Spain, Galicia	100	73.5	0.3	0	0	0.3	74.0	2.0	17.8	0	19.8	5.9	0.3	0	6.1	0	0
Spain, Community of Madrid	100	80.7	0	0			80.7	4.6	10.0	0	14.6	1.5	3.2	0	4.7	0	0
Spain, Region of Murcia	100	81.0	0	0	0	1.1	82.1	1.6	14.7	0	16.3	0.5	1.1	0	1.6	0	0
Spain, Navarre *	100	57.6	2.2	0			59.8	21.7	8.7	0	30.4	2.2	7.6	0	9.8	0	0
Spain, Valencian region	100	77.1	0.3	0			77.4	1.5	18.4	0	19.9	1.1	1.6	0	2.7	0	0
Sweden	100	63.5	0.1	0			63.6			30.5	30.5	3.4	2.5	0	5.9	0	0
Switzerland	100	75.4	0.4	0.8	0	0	76.5	4.7	11.8	0.7	17.2	4.5	1.8	0	6.3	0	0
the Netherlands	100	71.7	0	0			71.7	2.8	13.1	0	15.9	11.1	1.3	0	12.4	0	0
United Kingdom, All countries *	100	64.1	0.2	0.1	0.2	8.5	73.1	7.5	11.4	0.4	19.3	3.5	3.6	0.5	7.6	0	0
United Kingdom, England *	100	62.4	0.2	0.1	0.2	9.8	72.7	7.5	11.8	0.4	19.7	3.2	3.8	0.6	7.6	0	0
United Kingdom, Northern Ireland *	100	65.9	0.5	0	0	0.5	66.8	12.7	3.2	1.8	17.7	13.2	2.3	0	15.5	0	0
United Kingdom, Scotland	100	76.9	0	0			76.9	6.5	8.7	0	15.2	3.9	4.0	0	7.9	0	0
United Kingdom, Wales *	100	70.2	1.0	0	0.5	5.2	77.0	6.3	12.8	0	19.1	2.9	1.0	0	3.9	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
 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

& No distinction is made between HD and HDF

Table B.2.11
Percentages of treatment modality by age, gender, and primary renal disease, unadjusted
at day 1

	All				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	90	8	2	0	50	33	17	0	79	13	8	0	87	9	4	0	91	8	1	0	96	4	0	0	89	8	3	0	90	8	2	0	93	6	1	0	89	9	3	0
Belgium, Dutch-speaking *	90	9	1	0					80	18	3	0	78	18	4	0	93	7	0	0	96	4	0	0	90	9	2	0	91	9	0	0	93	6	1	0	89	10	1	0
Belgium, French-speaking *	87	11	2	0					75	14	11	0	86	11	3	0	88	10	2	0	91	9	0	0	86	13	2	0	90	7	3	0	90	10	0	0	87	11	3	0
Bosnia and Herzegovina	96	4	0	0	100	0	0	0	93	7	0	0	94	6	0	0	98	2	0	0	98	2	0	0	97	3	0	0	94	6	0	0	94	6	0	0	97	3	0	0
Denmark	60	30	10	0	64	9	27	0	49	26	25	0	57	30	13	0	61	34	6	0	70	29	1	0	60	30	10	0	60	29	10	0	63	31	6	0	59	29	12	0
Estonia	80	20	0	0	100	0	0	0	71	29	0	0	81	19	0	0	83	17	0	0	82	18	0	0	76	24	0	0	83	17	0	0	83	17	0	0	79	21	0	0
Finland	76	23	1	0	41	53	6	0	68	30	1	0	74	25	1	0	83	17	0	0	83	17	0	0	78	21	1	0	72	27	1	0	75	25	0	0	77	22	1	0
France	86	10	4	0	53	27	20	0	76	12	12	0	83	10	8	0	89	8	2	0	89	11	1	0	87	10	4	0	84	11	5	0	89	9	2	0	85	11	5	0
Greece	94	6	0	0	44	56	0	0	89	10	1	0	93	7	0	0	94	6	0	0	96	4	0	0	93	7	0	0	95	5	0	0	95	5	0	0	93	6	0	0
Iceland	83	4	13	0	0	0	0	0	57	0	43	0	100	0	0	0	83	17	0	0	100	0	0	0	82	6	12	0	86	0	14	0	80	20	0	0	84	0	16	0
Norway	66	23	11	0	8	33	58	0	58	24	18	0	64	21	15	0	72	18	10	0	71	28	1	0	69	22	10	0	61	25	14	0	68	26	7	0	66	22	12	0
Romania	97	3	1	0	95	5	0	0	93	3	4	0	98	2	0	0	97	3	0	0	98	2	0	0	97	2	1	0	96	3	1	0	97	3	0	0	97	3	1	0
Serbia	86	11	2	1	70	20	10	0	62	15	20	4	86	13	0	1	91	9	0	0	91	8	0	1	86	11	2	1	84	12	2	2	85	13	1	1	86	11	3	1
Spain, Andalusia	80	15	5	0	55	0	45	0	60	25	15	0	75	20	5	0	86	11	3	0	91	9	0	0	79	16	5	0	80	13	6	0	89	10	2	0	77	17	6	0
Spain, Aragon	78	21	1	0	0	0	0	0	67	27	7	0	79	19	2	0	88	22	0	0	81	19	0	0	75	23	2	0	88	13	0	0	67	33	0	0	79	20	1	0
Spain, Asturias	78	20	2	0	0	0	0	0	50	39	11	0	80	20	0	0	77	21	3	0	84	16	0	0	77	21	2	0	80	20	0	0	76	24	0	0	79	19	2	0
Spain, Basque country	69	24	7	0	0	0	100	0	41	18	41	0	70	26	4	0	74	23	2	0	75	25	0	0	69	27	4	0	70	17	13	0	72	24	3	0	69	24	8	0
Spain, Cantabria *	77	20	3	0					60	40	0	0	71	29	0	0	77	14	9	0	92	8	0	0	77	21	2	0	77	15	8	0	75	25	0	0	78	18	4	0
Spain, Castile and León *	80	18	2	0					76	24	0	0	63	33	3	0	84	14	2	0	95	5	0	0	81	17	2	0	80	20	0	0	87	13	0	0	78	19	2	0
Spain, Castile-La Mancha *	78	21	1	0					52	48	0	0	70	28	2	0	84	16	0	0	92	8	0	0	79	19	1	0	75	25	0	0	87	11	2	0	75	24	1	0
Spain, Catalonia	79	13	8	0	33	11	56	0	58	17	25	0	67	20	13	0	83	14	3	0	93	6	1	0	79	14	7	0	80	12	8	0	80	15	6	0	79	13	8	0
Spain, Extremadura	88	12	0	0	100	0	0	0	67	33	0	0	82	18	0	0	93	7	0	0	96	4	0	0	87	13	0	0	90	10	0	0	94	6	0	0	86	14	0	0
Spain, Galicia	74	20	6	0	0	0	0	0	51	17	31	0	66	26	8	0	79	18	3	0	85	15	0	0	74	20	6	0	74	19	7	0	76	22	2	0	73	19	8	0
Spain, Community of Madrid	81	15	5	0	69	0	31	0	75	19	5	0	76	16	8	0	79	18	3	0	89	10	2	0	81	14	5	0	79	17	4	0	84	13	2	0	79	15	6	0
Spain, Region of Murcia	82	16	2	0	100	0	0	0	67	24	10	0	75	24	1	0	91	9	0	0	91	9	0	0	83	15	2	0	80	18	2	0	95	3	3	0	79	20	1	0
Spain, Navarre *	60	30	10	0					40	27	33	0	52	33	15	0	86	14	0	0	57	43	0	0	68	26	6	0	41	41	19	0	81	6	13	0	55	36	9	0
Spain, Valencian region	77	20	3	0	33	33	33	0	60	30	10	0	71	27	2	0	78	19	3	0	91	9	0	0	77	20	3	0	78	19	3	0	86	12	1	0	75	22	3	0
Sweden	64	31	6	0	22	43	35	0	50	37	13	0	56	33	11	0	70	29	2	0	73	27	0	0	64	29	6	0	62	33	6	0	69	27	4	0	62	32	7	0
Switzerland	77	17	6	0	24	41	35	0	60	22	17	0	68	20	11	0	81	17	2	0	89	11	0	0	76	17	7	0	78	17	6	0	86	14	0	0	74	18	8	0
the Netherlands	72	16	12	0	34	26	39	0	60	15	25	0	67	15	19	0	73	17	10	0	84	15	1	0	72	16	12	0	71	16	13	0	78	19	3	0	70	15	15	0
United Kingdom, All countries *	73	19	8	0					57	26	17	0	68	21	10	0	79	16	5	0	84	15	0	0	74	19	7	0	72	19	9	0	78	18	4	0	72	20	9	0
United Kingdom, England *	73	20	8	0					57	26	17	0	67	22	10	0	79	16	5	0	83	16	1	0	73	20	7	0	71	20	9	0	77	19	4	0	71	20	9	0
United Kingdom, Northern Ireland *	67	18	15	0					44	28	28	0	58	19	23	0	67	16	18	0	87	13	0	0	68	18	14	0	66	17	17	0	84	8	8	0	62	21	18	0
United Kingdom, Scotland	77	15	8	0	60	10	30	0	61	22	17	0	76	14	10	0	82	15	2	0	88	12	0	0	76	15	8	0	78	15	7	0	79	17	5	0	76	15	9	0
United Kingdom, Wales *	77	19	4	0					62	31	8	0	70	25	5	0	80	15	4	0	90	10	0	0	80	16	4	0	72	24	4	0	80	18	2	0	76	19	5	0

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; Un: unknown; DM: diabetes mellitus

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

* Patients younger than 20 years of age are not reported

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

	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	1086	720	366	6	1	3	0	3	1	106	10	76	11	30	8	357	33	234	33	123	34	340	31	237	33	103	28	277	26	170	24	107	29
Belgium, Dutch-speaking *	1067	657	410							72	7	48	7	24	6	233	22	153	23	80	20	270	25	184	28	86	21	492	46	272	41	220	54
Belgium, French-speaking *	822	503	319							65	8	37	7	28	9	244	30	158	31	86	27	227	28	157	31	70	22	286	35	151	30	135	42
Bosnia and Herzegovina	395	240	155	2	1	1	0	1	1	44	11	28	12	16	10	173	44	105	44	68	44	114	29	68	28	46	30	62	16	38	16	24	15
Denmark †	589	366	223	10	2	8	2	2	1	96	16	55	15	41	18	180	31	109	30	71	32	173	29	115	31	58	26	130	22	80	22	50	22
Estonia	107	46	61	2	2	0	0	2	3	24	22	8	17	16	26	36	34	19	41	17	28	26	24	9	20	17	28	19	18	10	22	9	15
Finland	507	333	174	16	3	9	3	7	4	74	15	44	13	30	17	189	37	122	37	67	39	144	28	105	32	39	22	84	17	53	16	31	18
France †	10296	6583	3713	132	1	69	1	63	2	941	9	584	9	357	10	2702	26	1696	26	1005	27	2563	25	1739	26	824	22	3958	38	2495	38	1463	39
Greece	2189	1461	728	16	1	7	0	9	1	149	7	101	7	48	7	544	25	388	27	156	21	549	25	396	27	153	21	931	43	569	39	362	50
Iceland	23	16	7	0	0	0	0	0	0	7	30	5	31	2	29	7	30	5	31	2	29	6	26	4	25	2	29	3	13	2	13	1	14
Norway	491	321	170	12	2	8	2	4	2	66	13	43	13	23	14	152	31	100	31	52	31	127	26	77	24	50	29	134	27	93	29	41	24
Romania	2590	1541	1049	19	1	7	0	12	1	343	13	217	14	126	12	1108	43	688	45	420	40	693	27	378	25	315	30	427	16	251	16	176	17
Serbia †	746	469	268	10	1	8	2	0	0	78	10	55	12	23	9	310	42	190	41	117	44	204	27	131	28	70	26	144	19	84	18	58	22
Spain, Andalusia †	1012	653	359	22	2	11	2	11	3	127	13	81	12	46	13	346	34	230	35	116	32	263	26	173	26	89	25	254	25	158	24	96	27
Spain, Aragon †	148	110	39	0	0	0	0	0	0	15	10	11	10	4	10	41	28	31	28	10	26	46	31	37	34	9	23	47	32	31	28	16	41
Spain, Asturias †	165	112	54	0	0	0	0	0	0	18	11	13	12	5	9	60	36	42	38	18	33	36	22	25	22	11	20	51	31	32	29	20	37
Spain, Basque country	254	178	76	3	1	1	1	2	3	22	9	12	7	10	13	83	33	58	33	25	33	83	33	61	34	22	29	63	25	46	26	17	22
Spain, Cantabria *	54	42	12							4	7	3	7	1	8	19	35	14	33	5	42	18	33	14	33	4	33	13	24	11	26	2	17
Spain, Castile and León *	279	197	82							16	6	8	4	8	10	88	32	69	35	19	23	80	29	62	31	18	22	95	34	58	29	37	45
Spain, Castile-La Mancha * †	209	141	68							23	11	14	10	9	13	78	37	54	38	23	34	45	22	28	20	17	25	64	31	45	32	19	28
Spain, Catalonia †	1188	786	403	9	1	8	1	1	0	111	9	72	9	39	10	333	28	212	27	121	30	330	28	232	30	98	24	405	34	262	33	143	35
Spain, Extremadura †	147	88	58	1	1	0	0	1	2	9	6	6	7	3	5	56	38	38	43	18	31	39	27	21	24	19	33	41	28	23	26	18	31
Spain, Galicia †	388	267	121	0	0	0	0	0	0	36	9	21	8	15	12	128	33	95	36	33	27	112	29	83	31	30	25	111	29	68	25	43	36
Spain, Community of Madrid †	770	519	251	16	2	9	2	7	3	70	9	47	9	24	10	233	30	159	31	74	29	218	28	141	27	76	30	232	30	163	31	69	27
Spain, Region of Murcia	179	116	63	1	1	0	0	1	2	20	11	14	12	6	10	69	39	39	34	30	48	56	31	40	34	16	25	33	18	23	20	10	16
Spain, Navarre *	88	64	24							14	16	11	17	3	13	27	31	20	31	7	29	20	23	13	20	7	29	27	31	20	31	7	29
Spain, Valencian region	708	473	235	6	1	3	1	3	1	85	12	55	12	30	13	220	31	143	30	77	33	180	25	122	26	58	25	217	31	150	32	67	29
Sweden	1054	703	351	22	2	10	1	12	3	134	13	90	13	44	13	314	30	205	29	109	31	288	27	197	28	91	26	296	28	201	29	95	27
Switzerland †	808	528	280	16	2	9	2	7	3	78	10	45	9	33	12	244	30	161	30	83	30	237	29	163	31	74	26	233	29	149	28	84	30
the Netherlands †	1863	1195	667	34	2	17	1	17	3	191	10	124	10	67	10	622	33	395	33	228	34	536	29	336	28	200	30	479	26	323	27	156	23
United Kingdom, All countries * † ¶	7087	4411	2677							1076	15	626	14	450	17	2604	37	1588	36	1016	38	1742	25	1096	25	646	24	1665	23	1101	25	564	21
United Kingdom, England * † ¶	5922	3713	2209							904	15	532	14	372	17	2144	36	1307	35	837	38	1461	25	924	25	537	24	1413	24	950	26	463	21
United Kingdom, Northern Ireland * †	207	109	98							32	15	10	9	22	22	68	33	35	32	33	34	40	19	25	23	16	16	67	32	39	36	28	29
United Kingdom, Scotland	593	353	240	10	2	5	1	5	2	86	15	50	14	36	15	257	43	158	45	99	41	151	25	87	25	64	27	89	15	53	15	36	15
United Kingdom, Wales * †	369	234	135							52	14	32	14	20	15	130	35	83	35	47	35	87	24	57	24	29	21	100	27	61	26	39	29

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

* Patients younger than 20 years of age are not reported

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

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.3.2
Incident rates per million (age-related) population by age and gender, unadjusted
at day 91

	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	126.5	171.4	83.5	3.6	3.5	3.7	37.1	52.8	21.1	145.5	192.1	99.6	399.2	599.4	225.7	378.3	607.0	236.7
Belgium, Dutch-speaking *	164.9	205.3	125.3				35.7	47.2	24.0	129.5	168.5	89.7	428.6	602.8	264.9	786.2	1077.5	589.2
Belgium, French-speaking *	171.2	214.4	129.9				40.0	45.3	34.7	196.9	257.5	137.5	557.6	832.3	320.4	744.5	1073.1	554.6
Bosnia and Herzegovina	111.9	138.5	86.2	2.5	2.5	2.6	36.0	45.0	26.6	169.7	211.4	130.1	387.7	527.5	278.6	298.1	473.7	187.9
Denmark †	102.6	128.4	77.2	7.3	11.3	3.1	52.7	59.6	45.5	118.4	142.5	94.2	272.8	373.1	177.9	301.0	447.2	198.1
Estonia	81.3	74.7	87.2	7.4	0	15.2	53.2	34.5	72.8	104.4	118.0	92.5	203.9	180.9	218.7	157.0	292.2	103.7
Finland	92.5	123.5	62.5	13.3	14.7	11.9	43.5	50.5	36.2	128.3	166.4	90.6	229.0	352.6	117.8	175.6	293.5	104.1
France †	154.5	204.0	108.1	8.0	8.2	7.9	45.9	57.4	34.5	156.0	201.0	113.2	406.2	586.6	246.3	650.3	1075.5	388.4
Greece	202.3	278.5	130.6	7.6	6.5	8.8	42.3	57.2	27.3	186.8	278.1	102.8	498.4	770.0	260.6	789.3	1148.2	529.3
Iceland	69.5	96.3	42.5	0	0	0	60.6	84.7	35.4	86.4	123.6	49.3	235.0	313.8	156.5	151.7	232.0	89.6
Norway	94.6	122.9	66.0	9.5	12.4	6.5	37.4	47.4	26.8	115.1	148.2	80.4	263.3	324.1	204.3	369.9	634.8	190.0
Romania	132.0	160.8	104.5	4.6	3.3	6.0	50.4	61.9	38.1	208.3	264.0	154.8	381.0	480.8	305.1	274.9	438.5	179.4
Serbia †	105.1	135.8	73.5	7.2	11.2	0	33.3	46.4	19.7	152.2	192.9	111.1	273.1	391.7	169.5	247.5	368.7	165.8
Spain, Andalusia †	120.4	157.2	84.4	12.1	11.8	12.5	42.7	53.6	31.5	153.8	205.8	102.4	366.1	512.5	235.5	388.6	611.8	243.4
Spain, Aragon †	112.2	167.3	58.0	0	0	0	34.8	49.6	19.1	111.0	165.4	55.3	357.7	604.7	133.5	312.4	517.9	175.0
Spain, Asturias †	157.5	222.3	98.0	0	0	0	55.3	79.2	31.0	186.7	267.5	109.9	307.4	465.4	172.6	383.1	638.5	233.0
Spain, Basque country	117.3	169.5	68.2	7.5	4.9	10.3	32.9	35.6	30.2	131.4	186.6	77.9	358.7	563.2	178.7	268.2	516.0	116.6
Spain, Cantabria *	92.5	147.2	40.2				21.1	31.2	10.7	110.8	164.4	57.9	311.0	513.8	130.6	210.2	468.9	52.1
Spain, Castile and León *	113.1	161.5	65.8				21.3	20.8	21.9	122.3	188.1	53.8	303.4	483.5	132.9	285.6	435.0	185.6
Spain, Castile-La Mancha * †	101.8	136.7	66.5				32.3	37.9	26.2	142.9	194.7	88.3	262.3	338.1	192.2	307.9	526.9	153.2
Spain, Catalonia †	158.3	212.8	105.5	5.9	10.2	1.4	41.8	53.5	29.8	168.8	216.7	121.7	479.9	722.1	267.9	601.6	1010.0	346.1
Spain, Extremadura †	134.2	163.0	105.9	4.8	0	9.8	24.6	32.0	16.8	186.9	249.1	122.1	392.6	435.2	354.1	351.3	506.7	250.0
Spain, Galicia †	142.1	202.5	85.6	0	0	0	41.7	48.6	34.8	166.4	252.2	83.6	361.3	567.9	179.4	320.2	506.8	203.0
Spain, Community of Madrid †	119.6	168.1	74.8	12.3	13.5	11.0	29.9	40.2	19.9	136.9	195.7	83.4	389.5	560.9	248.7	445.9	841.2	211.9
Spain, Region of Murcia	122.0	157.7	86.1	3.0	0	6.1	36.9	49.8	23.0	188.4	212.0	164.5	498.2	759.1	268.0	307.7	532.5	156.1
Spain, Navarre *	138.2	202.7	74.7				66.9	103.3	29.2	154.9	226.4	81.5	332.4	446.4	225.5	434.7	815.9	186.2
Spain, Valencian region	142.1	192.2	93.3	6.1	5.9	6.3	49.1	62.1	35.5	163.3	214.1	113.4	371.8	536.2	226.0	503.9	871.7	259.1
Sweden	107.6	143.4	71.7	9.9	8.7	11.1	41.8	54.9	28.1	128.7	166.5	90.2	264.4	367.5	164.5	352.0	573.9	193.6
Switzerland †	97.6	128.8	67.0	9.4	10.5	8.2	27.9	32.0	23.8	104.7	137.3	71.8	298.1	429.2	178.1	340.5	550.8	202.5
the Netherlands †	110.0	142.4	78.1	8.9	8.5	9.3	36.1	46.7	25.3	130.4	164.9	95.7	305.7	390.6	223.8	370.6	618.0	202.6
United Kingdom, All countries * † ¶	108.9	137.5	81.0				50.1	58.2	41.9	156.4	193.7	120.3	274.7	359.2	196.3	315.9	500.1	183.8
United Kingdom, England * † ¶	108.1	137.4	79.6				49.7	58.3	41.0	154.4	190.8	119.0	276.4	362.9	196.0	319.2	512.1	180.0
United Kingdom, Northern Ireland * †	111.6	119.5	104.0				52.6	33.3	71.4	144.5	151.5	137.7	248.0	317.3	184.6	516.0	746.2	359.6
United Kingdom, Scotland	110.4	135.2	86.9	8.6	8.4	8.8	49.2	58.0	40.5	173.5	219.4	130.1	276.9	335.4	223.9	203.3	300.7	137.7
United Kingdom, Wales * †	119.0	153.2	85.8				54.6	66.9	42.2	159.3	208.9	111.9	250.4	341.0	164.8	358.8	520.3	241.6

* 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)

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.3.3
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	64.6	14.9	67.1	66.3	64.3	14.7	66.9	33.7	65.2	15.3	67.7
Belgium, Dutch-speaking *	100	70.4	14.0	73.4	61.6	69.5	14.1	71.9	38.4	72.0	13.9	76.0
Belgium, French-speaking *	100	67.7	14.5	69.6	61.2	67.3	13.8	69.0	38.8	68.3	15.6	71.3
Bosnia and Herzegovina	100	61.4	13.7	63.2	60.8	61.1	14.0	63.0	39.2	62.0	13.1	63.5
Denmark †	100	61.8	16.4	65.8	62.2	61.8	16.5	66.8	37.8	61.7	16.3	63.8
Estonia	100	58.3	17.4	61.9	43.0	60.8	15.2	61.9	57.0	56.4	18.8	60.5
Finland	100	59.6	17.0	62.3	65.7	60.3	16.4	63.5	34.3	58.4	18.1	60.8
France †	100	67.5	16.6	70.5	63.9	67.8	16.1	70.5	36.1	67.1	17.3	70.4
Greece	100	68.9	14.9	71.6	66.7	68.2	14.5	70.8	33.3	70.1	15.6	74.8
Iceland	100	56.6	16.7	58.4	69.6	56.8	16.0	60.4	30.4	56.0	19.4	54.4
Norway	100	62.8	17.7	66.4	65.4	62.9	17.7	66.3	34.6	62.6	17.8	66.6
Romania	100	61.0	14.3	62.8	59.5	60.5	14.2	61.9	40.5	61.6	14.4	64.0
Serbia †	100	62.2	13.9	64.1	62.9	61.3	14.1	63.5	35.9	64.2	12.3	65.0
Spain, Andalusia †	100	61.9	16.5	64.8	64.5	61.6	16.3	64.3	35.5	62.5	16.9	66.5
Spain, Aragon †	100	66.2	14.1	68.6	73.9	66.4	14.0	68.4	26.1	65.2	14.9	71.4
Spain, Asturias †	100	65.8	13.7	66.0	67.5	65.5	13.7	65.1	32.5	66.5	13.8	67.2
Spain, Basque country	100	65.3	14.2	68.0	70.1	66.3	13.5	68.6	29.9	62.7	15.6	66.6
Spain, Cantabria *	100	65.3	12.4	68.3	77.8	66.0	12.8	68.3	22.2	63.0	11.3	66.2
Spain, Castile and León *	100	67.5	13.2	69.5	70.6	67.1	11.8	68.5	29.4	68.5	16.1	72.8
Spain, Castile-La Mancha * †	100	63.6	14.3	64.8	67.5	64.8	13.8	66.4	32.5	61.3	15.0	61.2
Spain, Catalonia †	100	66.8	15.0	69.5	66.1	66.9	14.9	69.6	33.9	66.5	15.3	69.0
Spain, Extremadura †	100	65.9	11.7	67.2	60.2	66.2	11.7	65.5	39.8	65.5	11.9	69.8
Spain, Galicia †	100	65.2	13.6	67.4	68.9	65.0	12.8	67.4	31.1	65.6	15.4	68.0
Spain, Community of Madrid †	100	64.8	16.3	67.5	67.4	65.2	15.8	67.6	32.6	63.9	17.2	67.5
Spain, Region of Murcia	100	62.3	13.5	64.0	64.8	63.4	13.5	66.7	35.2	60.5	13.3	60.8
Spain, Navarre *	100	63.7	16.5	66.2	72.7	63.4	16.4	66.3	27.3	64.4	17.1	66.2
Spain, Valencian region	100	64.7	15.5	67.8	66.8	65.1	15.4	68.5	33.2	63.9	15.9	67.1
Sweden	100	63.1	16.9	67.4	66.7	63.5	16.6	68.0	33.3	62.2	17.5	66.2
Switzerland †	100	65.4	15.9	68.8	65.3	66.2	15.2	69.2	34.7	63.9	17.0	67.3
the Netherlands †	100	63.8	15.6	66.8	64.2	64.5	15.0	67.1	35.8	62.6	16.5	66.6
United Kingdom, All countries * †	100	62.2	15.6	64.3	62.2	63.0	15.4	65.4	37.8	60.8	15.7	62.4
United Kingdom, England * †	100	62.3	15.7	64.6	62.7	63.1	15.5	65.6	37.3	60.8	15.8	62.7
United Kingdom, Northern Ireland * †	100	62.8	16.4	67.3	52.6	65.0	15.7	67.7	47.4	60.5	16.9	61.5
United Kingdom, Scotland	100	59.5	15.6	61.3	59.5	59.6	15.4	61.3	40.5	59.3	15.9	61.3
United Kingdom, Wales * †	100	64.1	15.1	66.2	63.4	64.9	14.3	68.0	36.6	62.6	16.3	65.8

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

* 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)

Table B.3.4
Incident rates per million population, adjusted
at day 91, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Austria	121.3	162.8	81.7
Belgium, Dutch-speaking *	149.3	182.3	117.8
Belgium, French-speaking *	180.2	226.3	136.2
Bosnia and Herzegovina	116.8	146.0	88.9
Denmark †	100.5	123.1	78.9
Estonia	80.4	77.1	83.5
Finland	87.3	115.0	60.9
France †	149.2	193.7	106.7
Greece	173.9	234.7	116.0
Iceland	77.8	107.9	49.1
Norway	99.9	129.2	71.9
Romania	129.6	161.2	99.5
Serbia †	94.0	123.4	66.1
Spain, Andalusia †	124.0	161.6	88.3
Spain, Aragon †	100.6	150.0	53.4
Spain, Asturias †	125.4	173.6	79.3
Spain, Basque country	102.2	144.8	61.6
Spain, Cantabria *	84.4	133.1	38.0
Spain, Castile and León *	90.7	129.8	53.4
Spain, Castile-La Mancha * †	98.2	130.6	67.3
Spain, Catalonia †	154.0	206.0	104.3
Spain, Extremadura †	126.3	150.9	102.7
Spain, Galicia †	118.2	167.6	71.1
Spain, Community of Madrid †	124.5	174.3	77.1
Spain, Region of Murcia	134.0	174.3	95.6
Spain, Navarre *	131.4	189.5	75.9
Spain, Valencian region	135.8	182.2	91.6
Sweden	103.2	135.1	72.8
Switzerland †	94.8	123.3	67.7
the Netherlands †	106.5	135.7	78.7
United Kingdom, All countries * † ¶	110.1	136.9	84.6
United Kingdom, England * † ¶	109.8	137.3	83.6
United Kingdom, Northern Ireland * †	121.4	127.4	115.7
United Kingdom, Scotland	107.6	130.5	85.9
United Kingdom, Wales * †	114.4	144.8	85.4

* 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)

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.3.5
Incident rates per million population and percentages by primary renal disease, unadjusted
at day 91

	All		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	126.5	100	14.3	11.3	4.8	3.8	7.2	5.7	3.0	2.4	31.0	24.5	34.0	26.9	16.0	12.6	14.3	11.3	21.9	17.3	14.0	11.0	0	0
Belgium, Dutch-speaking *	164.9	100	17.0	10.3	6.3	3.8	8.5	5.2	4.2	2.5	30.0	18.2	34.1	20.7	17.8	10.8	10.0	6.1	57.3	34.8	13.8	8.3	0	0
Belgium, French-speaking *	171.2	100	16.0	9.4	8.1	4.7	6.2	3.6	4.0	2.3	35.2	20.6	39.2	22.9	31.2	18.2	1.2	0.7	51.0	29.8	18.1	10.6	0	0
Bosnia and Herzegovina	111.9	100	12.5	11.1	11.6	10.4	3.4	3.0	9.9	8.9	24.1	21.5	34.0	30.4	14.2	12.7	2.0	1.8	20.7	18.5	13.6	12.2	0	0
Denmark †	102.6	100	11.6	11.3	5.2	5.0	7.3	7.1	7.7	7.5	20.9	20.4	28.6	27.9	14.0	13.6	0.6	0.6	15.6	15.2	19.7	19.2	0	0
Estonia	81.3	100	16.7	20.6	6.8	8.4	1.5	1.9	17.5	21.5	0	0	17.5	21.5	21.3	26.2	0.8	0.9	16.7	20.6	0	0	0	0
Finland	92.5	100	11.1	12.0	4.6	4.9	10.8	11.6	14.6	15.8	16.2	17.6	30.8	33.3	4.7	5.1	0.9	1.0	18.2	19.7	11.3	12.2	0	0
France †	154.5	100	19.5	12.6	7.3	4.7	8.9	5.8			35.6	23.0	39.1	25.3	1.6	1.1	21.4	13.8	20.5	13.3	0.5	0.3		
Greece	202.3	100	17.0	8.4	8.6	4.2	7.1	3.5	4.8	2.4	50.6	25.0	55.4	27.4	19.7	9.7	1.8	0.9	19.4	9.6	73.2	36.2	0	0
Iceland	69.5	100	12.1	17.4	0	0	15.1	21.7	6.0	8.7	9.1	13.0	15.1	21.7	9.1	13.0	3.0	4.3	15.1	21.7	0	0	0	0
Norway	94.6	100	11.8	12.4	4.6	4.9	9.3	9.8	4.4	4.7	12.1	12.8	16.6	17.5	28.1	29.7	1.0	1.0	21.2	22.4	2.1	2.2	0	0
Romania	132.0	100	17.1	12.9	4.8	3.7	3.2	2.4			15.2	11.5	7.9	6.0	0.7	0.5	20.2	15.3	62.0	46.9	1.0	0.7		
Serbia †	105.1	100	8.6	8.2	9.5	9.0	4.5	4.3	8.6	8.1	15.5	14.7	24.0	22.8	31.6	30.0	1.4	1.3	13.5	12.9	11.9	11.3	0.1	0.1
Spain, Andalusia †	120.4	100	15.9	13.2	7.8	6.5	7.7	6.4			30.3	25.2	11.7	9.7	0.5	0.4	19.7	16.4	26.9	22.3	0	0		
Spain, Aragon †	112.2	100	3.0	2.7	3.0	2.7	0.8	0.7	0	0	4.5	4.0	4.5	4.0	2.3	2.0	0.8	0.7	2.3	2.0	95.5	85.2	0	0
Spain, Asturias †	157.5	100	21.0	13.3	1.9	1.2	9.5	6.0	5.7	3.6	35.9	22.8	41.6	26.4	24.8	15.7	3.8	2.4	20.0	12.7	29.2	18.5	5.7	3.6
Spain, Basque country	117.3	100	16.6	14.2	2.8	2.4	9.7	8.3	2.8	2.4	23.6	20.1	26.3	22.4	23.6	20.1	2.3	2.0	16.2	13.8	19.9	16.9	0	0
Spain, Cantabria *	92.5	100	15.4	16.7	3.4	3.7	5.1	5.6	0	0	25.7	27.8	25.7	27.8	3.4	3.7	13.7	14.8	13.7	14.8	8.6	9.3	3.4	3.7
Spain, Castile and León * ‡	113.1	100	19.5	17.2	5.7	5.0	6.1	5.4	2.4	2.2	25.9	22.9	28.4	25.1	21.5	19.0	0	0	14.6	12.9	17.4	15.4	0	0
Spain, Castile-La Mancha * †	101.8	100	18.6	18.3	13.1	12.9	8.8	8.6			21.6	21.2	7.3	7.2	4.4	4.3	10.4	10.2	17.7	17.4	0	0		
Spain, Catalonia †	158.3	100	16.0	10.1	8.6	5.4	10.0	6.3	3.5	2.2	24.1	15.2	27.8	17.6	12.8	8.1	4.8	3.0	16.9	10.7	61.4	38.8	0	0
Spain, Extremadura †	134.2	100	19.2	14.3	6.4	4.8	11.9	8.9			29.9	22.3	19.5	14.5	3.7	2.7	11.3	8.4	31.4	23.4	0.9	0.7		
Spain, Galicia †	142.1	100	18.7	13.2	5.1	3.6	12.8	9.0	5.9	4.1	31.8	22.4	37.6	26.5	18.3	12.9	7.0	4.9	15.9	11.2	26.6	18.7	0	0
Spain, Community of Madrid †	119.6	100	13.0	10.9	4.5	3.7	9.0	7.5	2.8	2.3	29.9	25.0	32.7	27.3	18.1	15.2	1.6	1.3	20.7	17.3	20.1	16.8	0	0
Spain, Region of Murcia	122.0	100	27.3	22.3	8.2	6.7	10.9	8.9			24.5	20.1	9.5	7.8	3.4	2.8	17.7	14.5	20.4	16.8	0	0		
Spain, Navarre *	138.2	100	12.6	9.1	3.1	2.3	9.4	6.8	3.1	2.3	22.0	15.9	25.1	18.2	22.0	15.9	4.7	3.4	36.1	26.1	25.1	18.2	0	0
Spain, Valencian region	142.1	100	20.1	14.1	6.8	4.8	9.4	6.6			28.5	20.1	24.3	17.1	8.4	5.9	16.9	11.9	27.7	19.5	0	0		
Sweden ‡	107.6	100	16.4	15.3	3.4	3.1	7.4	6.9	7.8	7.2	19.8	18.4	27.6	25.6	16.5	15.4	0.6	0.6	23.3	21.6	12.3	11.5	0	0
Switzerland †	97.6	100	14.2	14.6	1.6	1.6	6.9	7.1	2.5	2.6	15.9	16.3	18.4	18.9	17.5	18.0	2.8	2.9	21.7	22.2	8.4	8.6	6.0	6.2
the Netherlands †	110.0	100	9.5	8.6	3.9	3.5	4.6	4.2	3.6	3.3	17.7	16.1	21.3	19.3	13.2	12.0	12.5	11.4	17.3	15.7	10.3	9.3	17.5	15.9
United Kingdom, All countries * † ¶	108.9	100	14.3	13.2	7.1	6.5	7.3	6.7			27.4	25.2	7.0	6.4	2.1	1.9	20.0	18.3	14.1	13.0	9.6	8.8		
United Kingdom, England * † ¶	108.1	100	13.4	12.4	6.9	6.4	7.0	6.5			26.8	24.8	7.4	6.9	2.1	2.0	19.0	17.6	14.2	13.2	11.1	10.3		
United Kingdom, Northern Ireland * †	111.6	100	17.8	16.0	10.3	9.2	6.3	5.6			25.4	22.7	5.9	5.3	0.5	0.5	20.2	18.1	16.0	14.4	9.2	8.2		
United Kingdom, Scotland	110.4	100	17.3	15.7	6.5	5.9	10.2	9.3			30.9	28.0	4.8	4.4	1.9	1.7	25.9	23.4	12.8	11.6	0	0		
United Kingdom, Wales * †	119.0	100	23.8	20.0	9.8	8.2	7.9	6.6			32.3	27.1	3.5	3.0	1.8	1.5	26.8	22.5	12.9	10.8	0.2	0.2		

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)

‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.3.6
Incident rates per million population by primary renal disease, adjusted
at day 91, adjusted for age and gender

	All	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	121.3	13.7	4.6	6.9	3.0	29.7	32.7	15.1	13.6	21.3	13.4	0
Belgium, Dutch-speaking *	149.3	15.9	6.1	8.0	3.9	26.9	30.9	15.9	8.4	51.5	12.6	0
Belgium, French-speaking *	180.2	16.7	8.7	6.3	4.1	37.4	41.5	32.7	1.4	54.6	18.4	0
Bosnia and Herzegovina	116.8	12.4	12.7	3.3	9.7	24.5	34.2	15.9	2.2	21.6	14.3	0
Denmark †	100.5	11.9	5.0	7.0	7.9	19.8	27.6	13.4	0.7	15.4	19.5	0
Estonia	80.4	16.5	6.7	1.3	16.7	0	16.7	22.0	0.8	16.5	0	0
Finland	87.3	10.5	4.3	10.1	15.5	14.2	29.7	4.6	0.8	17.0	10.4	0
France †	149.2	19.7	7.2	9.0			34.7	36.0	1.6	21.1	19.4	0.6
Greece	173.9	15.8	7.4	6.9	4.7	43.0	47.8	16.3	1.5	17.1	61.1	0
Iceland	77.8	13.1	0	17.9	5.9	9.9	15.8	10.1	3.0	17.8	0	0
Norway	99.9	12.2	4.7	9.9	4.6	12.9	17.5	30.6	1.0	21.9	2.2	0
Romania	129.6	16.9	4.7	3.2			14.8	7.7	0.7	19.9	60.7	1.0
Serbia †	94.0	8.1	8.7	4.1	7.4	13.1	20.5	28.5	1.3	12.1	10.9	0.2
Spain, Andalusia †	124.0	16.0	8.0	7.6			31.4	12.2	0.5	20.3	27.9	0
Spain, Aragon †	100.6	2.9	2.6	0.7	0	3.8	3.8	2.1	0.8	2.1	85.7	0
Spain, Asturias †	125.4	17.8	1.4	7.8	5.0	28.3	33.2	18.9	2.9	17.0	21.6	5.0
Spain, Basque country	102.2	15.3	2.4	8.8	2.5	20.5	23.0	19.5	1.9	14.6	16.8	0
Spain, Cantabria *	84.4	14.4	3.0	4.5	0	22.3	22.3	3.1	13.4	12.3	8.7	2.7
Spain, Castile and León * ‡	90.7	16.3	5.0	5.2	2.3	20.3	22.6	15.6	0	12.0	14.1	0
Spain, Castile-La Mancha * †	98.2	18.4	12.8	8.8			21.7	6.3	4.1	10.2	16.2	0
Spain, Catalonia †	154.0	15.6	8.3	9.8	3.3	24.1	27.7	12.1	4.5	16.8	59.1	0
Spain, Extremadura †	126.3	18.9	6.4	11.4			28.4	18.5	3.2	10.4	28.3	0.8
Spain, Galicia †	118.2	16.2	4.2	11.2	5.4	26.3	31.7	14.2	5.4	13.9	21.3	0
Spain, Community of Madrid †	124.5	13.4	4.6	8.9	2.7	32.0	34.7	18.9	1.6	21.6	20.9	0
Spain, Region of Murcia	134.0	28.6	9.1	11.9			27.5	11.1	4.1	19.7	22.0	0
Spain, Navarre *	131.4	12.5	3.1	8.6	3.0	21.1	24.0	19.4	4.5	35.0	24.2	0
Spain, Valencian region	135.8	19.5	6.5	8.9			27.3	23.0	7.9	16.6	26.2	0
Sweden ‡	103.2	16.4	3.1	7.6	7.8	18.0	25.8	15.3	0.6	22.6	11.8	0
Switzerland †	94.8	13.9	1.6	6.6	2.4	15.4	17.8	17.0	2.8	21.2	8.2	5.8
the Netherlands †	106.5	9.2	3.7	4.4	3.7	16.7	20.4	13.1	12.1	16.7	9.9	16.8
United Kingdom, All countries * † ¶	110.1	14.6	7.1	7.6			27.8	7.0	2.0	20.2	14.2	9.7
United Kingdom, England * † ¶	109.8	13.7	6.9	7.3			27.3	7.5	2.1	19.3	14.4	11.2
United Kingdom, Northern Ireland * †	121.4	19.1	11.0	6.6			27.5	6.7	0.6	21.8	17.9	10.6
United Kingdom, Scotland	107.6	16.9	6.5	10.0			30.1	4.5	1.8	25.3	12.5	0
United Kingdom, Wales * †	114.4	23.9	9.1	8.1			30.6	3.5	1.6	25.5	12.1	0.3

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; 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)

‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

Table B.3.7
Incident counts by treatment modality
at day 91

	All	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	1086	831	1	2	0	100	934	44	61	4	109	31	12	0	43	0	0
Belgium, Dutch-speaking *	1067	671	2	0	2	263	938	67	45	0	112	4	13	0	17	0	0
Belgium, French-speaking *	822	509	5	0	6	189	709	35	56	0	91	10	12	0	22	0	0
Bosnia and Herzegovina	395	367	0	0	0	7	374	0	20	0	20	0	1	0	1	0	0
Denmark † &	589	336	0	0			336	90	84	0	174	38	40	0	79	0	0
Estonia	107	80	0	0	0	4	84	16	6	0	22	0	1	0	1	0	0
Finland	507	308	23	0	0	44	375	68	53	0	121	4	7	0	11	0	0
France †	10296	6842	5	13	13	1759	8633	365	792	0	1157	181	321	0	502	4	0
Greece	2189	1915	0	0	0	113	2028	77	78	0	155	5	1	0	6	0	0
Iceland	23	18	0	0			18	0	1	0	1	3	1	0	4	0	0
Norway	491	320	0	0			320			109	109	26	36	0	62	0	0
Romania	2590	2475	0	0	0	2	2477	9	64	4	77	14	19	3	36	0	0
Serbia †	746	622	0	0	0	9	631	4	83	0	87	15	3	0	18	10	0
Spain, Andalusia †	1012	784	0	0			784			161	161	30	36	0	66	0	0
Spain, Aragon †	148	96	0	0		13	109	2	35	0	37	2	0	0	2	0	0
Spain, Asturias †	165	124	0	0		1	125	13	25	0	37	2	1	0	3	0	0
Spain, Basque country	254	170	0	0			170	2	64	0	66	15	3	0	18	0	0
Spain, Cantabria *	54	40	0	0			40	0	11	0	11	0	3	0	3	0	0
Spain, Castile and León *	279	221	0	0			221	16	36	0	52	0	6	0	6	0	0
Spain, Castile-La Mancha * †	209	158	0	0			158	8	39	0	47			5	5	0	0
Spain, Catalonia †	1188	473	0	0		432	905	54	121	0	174	73	35	0	109	0	0
Spain, Extremadura †	147	129	0	0			129	8	10	0	18	0	0	0	0	0	0
Spain, Galicia †	388	276	1	0	0	1	278	13	69	0	82	27	1	0	28	0	0
Spain, Community of Madrid †	770	607	0	0			607	38	82	0	121	12	30	0	42	0	0
Spain, Region of Murcia	179	107	0	0	0	35	142	2	32	0	34	1	2	0	3	0	0
Spain, Navarre *	88	47	1	0			48	21	7	0	28	2	10	0	12	0	0
Spain, Valencian region	708	530	3	0			533	12	137	0	149	9	17	0	26	0	0
Sweden	1054	634	2	0			636			339	339	47	32	0	79	0	0
Switzerland †	808	599	3	6	0	0	608	43	95	5	142	43	15	0	58	0	0
the Netherlands †	1863	1274	0	0			1274	125	198	0	323	237	29	0	266	0	0
United Kingdom, All countries * † ¶ §	7087	4274	33	4	8	718	5037	713	671	20	1404	296	311	39	647	0	0
United Kingdom, England * † ¶	5922	3457	25	4	6	699	4191	594	589	17	1200	225	267	38	530	0	0
United Kingdom, Northern Ireland * †	207	121	1	0	0	0	123	37	2	3	43	33	8	0	41	0	0
United Kingdom, Scotland	593	445	1	0			446	46	43	0	89	27	31	0	58	0	0
United Kingdom, Wales * †	369	246	5	0	2	19	273	31	42	0	73	14	8	1	23	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
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)

& No distinction is made between HD and HDF

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK

Table B.3.8
Incident rates per million population by treatment modality, unadjusted
at day 91

	All	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	Pmp	Pmp	Pmp
Austria	126.5	96.8	0.1	0.2	0	11.6	108.8	5.1	7.1	0.5	12.7	3.6	1.4	0	5.0	0	0
Belgium, Dutch-speaking *	164.9	103.7	0.3	0	0.3	40.6	144.9	10.4	7.0	0	17.3	0.6	2.0	0	2.6	0	0
Belgium, French-speaking *	171.2	106.0	1.0	0	1.2	39.4	147.7	7.3	11.7	0	19.0	2.1	2.5	0	4.6	0	0
Bosnia and Herzegovina	111.9	103.9	0	0	0	2.0	105.9	0	5.7	0	5.7	0	0.3	0	0.3	0	0
Denmark † &	102.6	58.5	0	0			58.5	15.7	14.6	0	30.4	6.7	7.0	0	13.7	0	0
Estonia	81.3	60.8	0	0	0	3.0	63.9	12.2	4.6	0	16.7	0	0.8	0	0.8	0	0
Finland	92.5	56.2	4.2	0	0	8.0	68.4	12.4	9.7	0	22.1	0.7	1.3	0	2.0	0	0
France †	154.5	102.7	0.1	0.2	0.2	26.4	129.6	5.5	11.9	0	17.4	2.7	4.8	0	7.5	0.1	0
Greece	202.3	177.0	0	0	0	10.4	187.4	7.1	7.2	0	14.3	0.5	0.1	0	0.6	0	0
Iceland	69.5	54.4	0	0			54.4	0	3.0	0	3.0	9.1	3.0	0	12.1	0	0
Norway	94.6	61.7	0	0			61.7			21.0	21.0	5.0	6.9	0	11.9	0	0
Romania	132.0	126.2	0	0	0	0.1	126.3	0.5	3.3	0.2	3.9	0.7	1.0	0.2	1.8	0	0
Serbia †	105.1	87.7	0	0	0	1.3	88.9	0.6	11.7	0	12.3	2.1	0.4	0	2.5	1.5	0
Spain, Andalusia †	120.4	93.3	0	0			93.3			19.2	19.2	3.6	4.3	0	7.9	0	0
Spain, Aragon †	112.2	72.3	0	0		10.1	82.4	1.8	26.5	0	28.2	1.5	0	0	1.5	0	0
Spain, Asturias †	157.5	118.1	0	0		1.0	119.1	12.1	23.5	0	35.6	1.9	1.0	0	2.9	0	0
Spain, Basque country	117.3	78.5	0	0			78.5	0.9	29.6	0	30.5	6.9	1.4	0	8.3	0	0
Spain, Cantabria *	92.5	68.5	0	0			68.5	0	18.8	0	18.8	0	5.1	0	5.1	0	0
Spain, Castile and León *	113.1	89.6	0	0			89.6	6.5	14.6	0	21.1	0	2.4	0	2.4	0	0
Spain, Castile-La Mancha * †	101.8	76.7	0	0			76.7	3.9	19.0	0	22.9			2.3	2.3	0	0
Spain, Catalonia †	158.3	63.0	0	0		57.6	120.6	7.1	16.1	0	23.2	9.8	4.7	0	14.5	0	0
Spain, Extremadura †	134.2	117.7	0	0			117.7	7.3	9.1	0	16.5	0	0	0	0	0	0
Spain, Galicia †	142.1	101.1	0.4	0	0	0.4	101.8	4.9	25.2	0	30.1	9.9	0.4	0	10.3	0	0
Spain, Community of Madrid †	119.6	94.3	0	0			94.3	6.0	12.8	0	18.7	1.9	4.7	0	6.5	0	0
Spain, Region of Murcia	122.0	72.9	0	0	0	23.9	96.8	1.4	21.8	0	23.2	0.7	1.4	0	2.0	0	0
Spain, Navarre *	138.2	73.8	1.6	0			75.4	33.0	11.0	0	44.0	3.1	15.7	0	18.8	0	0
Spain, Valencian region	142.1	106.4	0.6	0			107.0	2.4	27.5	0	29.9	1.8	3.4	0	5.2	0	0
Sweden	107.6	64.7	0.2	0			64.9			34.6	34.6	4.8	3.3	0	8.1	0	0
Switzerland †	97.6	72.3	0.4	0.7	0	0	73.4	5.2	11.4	0.6	17.1	5.2	1.8	0	7.0	0	0
the Netherlands †	110.0	75.2	0	0			75.2	7.4	11.7	0	19.1	14.0	1.7	0	15.7	0	0
United Kingdom, All countries * † ¶ §	108.9	65.6	0.5	0.1	0.1	11.0	77.4	11.0	10.3	0.3	21.6	4.6	4.8	0.6	9.9	0	0
United Kingdom, England * † ¶	108.1	63.1	0.5	0.1	0.1	12.8	76.5	10.8	10.8	0.3	21.9	4.1	4.9	0.7	9.7	0	0
United Kingdom, Northern Ireland * †	111.6	65.5	0.5	0	0	0	66.4	19.8	0.9	1.4	23.2	17.8	4.1	0	22.0	0	0
United Kingdom, Scotland	110.4	82.8	0.2	0			83.0	8.6	8.0	0	16.6	5.0	5.8	0	10.8	0	0
United Kingdom, Wales * †	119.0	79.3	1.7	0	0.6	6.0	88.0	9.9	13.7	0	23.6	4.4	2.6	0.4	7.4	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
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)

& No distinction is made between HD and HDF

¶ The incidence is underestimated by approximately 4% due to a small number of centres not submitting complete data for 2015

§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK

Table B.3.9
Incident rates per million population by treatment modality, adjusted
at day 91, adjusted for age and gender

	Incident rates per million population by treatment modality, adjusted at day 91, adjusted for age and gender																Unkn	Missing
	All	Haemodialysis						Peritoneal dialysis				Transplant						
	Pmp	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx			
Austria	121.3	92.8	0.1	0.2	0	11.0	104.1	5.0	6.9	0.4	12.3	3.5	1.4	0	4.9	0	0	
Belgium, Dutch-speaking *	149.3	92.8	0.4	0	0.3	36.9	130.4	9.9	6.5	0	16.4	0.6	1.8	0	2.5	0	0	
Belgium, French-speaking *	180.2	111.6	1.1	0	1.3	41.6	155.6	7.7	12.2	0	19.9	2.1	2.6	0	4.7	0	0	
Bosnia and Herzegovina	116.8	109.0	0	0	0	2.1	111.1	0	5.4	0	5.4	0	0.2	0	0.2	0	0	
Denmark † &	301.4	0.5	0	0			0.5	3.0	0	0	1.1	1.8	1.0	0	2.7	0	0	
Estonia	80.4	60.2	0	0	0	2.8	63.0	12.2	4.3	0	16.5	0	0.8	0	0.8	0	0	
Finland	87.3	51.9	4.1	0	0	7.5	63.5	12.6	9.1	0	21.7	0.7	1.4	0	2.1	0	0	
France †	447.6	0	0	0	0	1.6	0	1.7	0.2	0	0.8	0.4	0.6	0	1.0	0.1	0	
Greece	173.9	150.6	0	0	0	9.8	160.4	6.5	6.5	0	12.9	0.5	0.1	0	0.6	0	0	
Iceland	77.8	60.8	0	0			60.8	0	3.8	0	3.8	10.3	2.9	0	13.2	0	0	
Norway	99.9	65.3	0	0			65.3			22.4	22.4	5.0	7.2	0	12.2	0	0	
Romania	129.6	123.9	0	0	0	0.1	124.0	0.5	3.2	0.2	3.9	0.7	0.9	0.2	1.8	0	0	
Serbia †	282.1	0.2	0	0	0	1.1	0.2	0	0.3	0	0.3	0	0	0	0	0.2	0	
Spain, Andalusia †	372.1	0.5	0	0			0.5			1.2	1.2	0	1.5	0	1.5	0	0	
Spain, Aragon †	301.8	0	0	0		0.9	0	0.9	3.3	0	4.2	0	0	0	0	0	0	
Spain, Asturias †	376.1	1.0	0	0		0	1.0	2.0	1.2	0	3.2	0	0	0	0	0	0	
Spain, Basque country	102.2	67.4	0	0			67.4	0.8	25.5	0	26.3	7.1	1.4	0	8.5	0	0	
Spain, Cantabria *	84.4	62.9	0	0			62.9	0	16.8	0	16.8	0	4.8	0	4.8	0	0	
Spain, Castile and León *	90.7	70.1	0	0			70.1	5.7	12.8	0	18.5	0	2.1	0	2.1	0	0	
Spain, Castile-La Mancha * †	294.6	1.0	0	0			1.0	0	1.3	0	1.3			1.5	1.5	0	0	
Spain, Catalonia †	461.9	0	0	0		28.1	0	3.2	0.5	0	1.9	0.7	1.3	0	2.0	0	0	
Spain, Extremadura †	378.8	2.4	0	0			2.4	0	1.1	0	1.1	0	0	0	0	0	0	
Spain, Galicia †	354.7	1.7	0	0	0	0	1.7	1.5	1.5	0	2.2	1.6	0	0	1.6	0	0	
Spain, Community of Madrid †	373.5	0.2	0	0			0.2	0.6	0.3	0	1.0	0	0.7	0	0.7	0	0	
Spain, Region of Murcia	134.0	82.0	0	0	0	25.8	107.8	1.2	23.2	0	24.4	0.5	1.3	0	1.8	0	0	
Spain, Navarre *	131.4	68.4	1.5	0			69.9	31.7	10.8	0	42.6	3.3	15.6	0	18.9	0	0	
Spain, Valencian region	135.8	101.5	0.5	0			102.0	2.3	26.6	0	28.8	1.8	3.2	0	5.0	0	0	
Sweden	103.2	61.1	0.2	0			61.3			33.5	33.5	5.0	3.4	0	8.3	0	0	
Switzerland †	284.4	0.2	0	0	0	0	0.2	0.5	0.5	0	0.5	0.6	0	0	0.6	0	0	
the Netherlands †	319.6	0.1	0	0			0.1	4.1	0.2	0	1.3	1.0	0.3	0	1.3	0	0	
United Kingdom, All countries * † ¶ §	330.4	0	0.2	0	0	1.4	0	2.4	0	0	0.3	0.6	0.6	0.1	1.2	0	0	
United Kingdom, England * † ¶	329.4	0	0.2	0	0	1.7	0	2.3	0.1	0.1	0.3	0.5	0.5	0.1	1.0	0	0	
United Kingdom, Northern Ireland * †	364.2	0	0	0	0	0	0	6.9	0	0	4.8	2.3	1.6	0	3.8	0	0	
United Kingdom, Scotland	107.6	80.4	0.2	0			80.6	8.3	8.0	0	16.3	5.1	5.7	0	10.8	0	0	
United Kingdom, Wales * †	343.2	1.2	0.4	0	0	0	0.8	3.9	1.8	0	2.3	1.0	1.3	0.5	2.7	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
 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)

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Table B.3.10
Percentages of treatment modality, unadjusted
at day 91

	All	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	76.5	0.1	0.2	0	9.2	86.0	4.1	5.6	0.4	10.0	2.9	1.1	0	4.0	0	0
Belgium, Dutch-speaking *	100	62.9	0.2	0	0.2	24.6	87.9	6.3	4.2	0	10.5	0.4	1.2	0	1.6	0	0
Belgium, French-speaking *	100	61.9	0.6	0	0.7	23.0	86.3	4.3	6.8	0	11.1	1.2	1.5	0	2.7	0	0
Bosnia and Herzegovina	100	92.9	0	0	0	1.8	94.7	0	5.1	0	5.1	0	0.3	0	0.3	0	0
Denmark † &	100	57.0	0	0			57.0	15.3	14.3	0	29.6	6.5	6.8	0	13.4	0	0
Estonia	100	74.8	0	0	0	3.7	78.5	15.0	5.6	0	20.6	0	0.9	0	0.9	0	0
Finland	100	60.7	4.5	0	0	8.7	74.0	13.4	10.5	0	23.9	0.8	1.4	0	2.2	0	0
France †	100	66.5	0.1	0.1	0.1	17.1	83.8	3.5	7.7	0	11.2	1.8	3.1	0	4.9	0	0
Greece	100	87.5	0	0	0	5.2	92.6	3.5	3.6	0	7.1	0.2	0	0	0.3	0	0
Iceland	100	78.3	0	0			78.3	0	4.3	0	4.3	13.0	4.3	0	17.4	0	0
Norway	100	65.2	0	0			65.2			22.2	22.2	5.3	7.3	0	12.6	0	0
Romania	100	95.6	0	0	0	0.1	95.6	0.3	2.5	0.2	3.0	0.5	0.7	0.1	1.4	0	0
Serbia †	100	83.4	0	0	0	1.2	84.5	0.5	11.1	0	11.7	2.0	0.4	0	2.4	1.4	0
Spain, Andalusia †	100	77.5	0	0			77.5			15.9	15.9	3.0	3.6	0	6.6	0	0
Spain, Aragon †	100	64.5	0	0		9.0	73.5	1.6	23.6	0	25.2	1.3	0	0	1.3	0	0
Spain, Asturias †	100	75.0	0	0		0.6	75.6	7.7	14.9	0	22.6	1.2	0.6	0	1.8	0	0
Spain, Basque country	100	66.9	0	0			66.9	0.8	25.2	0	26.0	5.9	1.2	0	7.1	0	0
Spain, Cantabria *	100	74.1	0	0			74.1	0	20.4	0	20.4	0	5.6	0	5.6	0	0
Spain, Castile and León *	100	79.2	0	0			79.2	5.7	12.9	0	18.6	0	2.2	0	2.2	0	0
Spain, Castile-La Mancha * †	100	75.3	0	0			75.3	3.8	18.6	0	22.5			2.2	2.2	0	0
Spain, Catalonia †	100	39.8	0	0		36.4	76.2	4.5	10.2	0	14.7	6.2	3.0	0	9.1	0	0
Spain, Extremadura †	100	87.7	0	0			87.7	5.5	6.8	0	12.3	0	0	0	0	0	0
Spain, Galicia †	100	71.1	0.3	0	0	0.3	71.6	3.4	17.7	0	21.2	7.0	0.3	0	7.2	0	0
Spain, Community of Madrid †	100	78.9	0	0			78.9	5.0	10.7	0	15.7	1.6	3.9	0	5.5	0	0
Spain, Region of Murcia	100	59.8	0	0	0	19.6	79.3	1.1	17.9	0	19.0	0.6	1.1	0	1.7	0	0
Spain, Navarre *	100	53.4	1.1	0			54.5	23.9	8.0	0	31.8	2.3	11.4	0	13.6	0	0
Spain, Valencian region	100	74.9	0.4	0			75.3	1.7	19.4	0	21.0	1.3	2.4	0	3.7	0	0
Sweden	100	60.2	0.2	0			60.3			32.2	32.2	4.5	3.0	0	7.5	0	0
Switzerland †	100	74.1	0.4	0.7	0	0	75.2	5.3	11.7	0.6	17.6	5.4	1.9	0	7.2	0	0
the Netherlands †	100	68.4	0	0			68.4	6.7	10.6	0	17.4	12.7	1.5	0	14.3	0	0
United Kingdom, All countries * † §	100	60.3	0.5	0.1	0.1	10.1	71.1	10.1	9.5	0.3	19.8	4.2	4.4	0.6	9.1	0	0
United Kingdom, England * †	100	58.4	0.4	0.1	0.1	11.8	70.8	10.0	10.0	0.3	20.3	3.8	4.5	0.6	9.0	0	0
United Kingdom, Northern Ireland * †	100	59.2	0.5	0	0	0	59.5	18.7	0.8	1.3	20.8	16.0	3.7	0	19.7	0	0
United Kingdom, Scotland	100	75.0	0.2	0			75.2	7.8	7.3	0	15.0	4.6	5.2	0	9.8	0	0
United Kingdom, Wales * †	100	66.9	1.4	0	0.5	5.1	74.0	8.3	11.5	0	19.8	3.7	2.2	0.4	6.2	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
 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)

& No distinction is made between HD and HDF

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Table B.4.2
Prevalence per million (age-related) population by age and gender, unadjusted
prevalent patients on December 31

	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	1078.5	1409.6	761.3	54.5	73.9	34.1	439.4	539.4	338.0	1548.7	1997.2	1106.5	2780.2	3973.2	1746.5	2379.2	3842.1	1473.0
Belgium, Dutch-speaking *	1257.9	1513.7	1007.8				428.5	516.9	338.4	1499.7	1810.2	1183.4	3095.7	3963.9	2279.4	4201.0	5799.6	3120.2
Belgium, French-speaking *	1279.3	1662.0	913.6				443.8	553.3	333.1	1720.5	2209.8	1240.5	3829.6	5375.2	2494.8	4506.3	7661.0	2682.7
Bosnia and Herzegovina	751.3	912.1	596.5	28.0	37.1	18.3	372.7	453.0	289.5	1084.1	1372.8	809.6	2183.5	2776.9	1720.1	2058.0	3029.0	1448.2
Denmark	904.2	1141.2	669.9	64.7	80.7	47.9	533.2	654.5	408.8	1376.8	1695.2	1056.2	1980.5	2602.0	1392.9	1808.5	2812.1	1102.0
Estonia	660.6	781.2	554.5	22.2	21.6	22.8	394.3	392.7	396.1	1093.1	1409.6	815.9	1396.2	1869.5	1093.3	1074.4	1957.9	726.0
Finland	853.9	1108.8	606.9	100.0	110.8	88.6	405.5	510.6	294.8	1345.0	1695.1	997.9	1968.3	2700.3	1310.3	1361.1	2380.9	742.4
France	1246.4	1571.7	940.9	55.2	63.2	46.7	572.6	699.5	448.1	1756.6	2210.0	1326.0	3028.6	4050.1	2123.3	3425.3	5356.3	2236.3
Greece	1234.6	1641.0	852.1	48.5	54.8	41.9	452.3	584.7	319.4	1594.9	2209.4	1029.8	2839.7	3974.3	1846.0	3299.0	4826.9	2191.9
Iceland	659.0	806.1	510.4	67.5	88.2	46.0	527.8	558.8	495.3	987.2	1285.8	689.7	1919.2	2431.6	1408.2	1112.4	1624.3	717.0
Norway	932.0	1206.6	653.8	63.5	72.7	53.8	476.4	584.6	361.8	1465.5	1882.6	1030.3	2417.5	3207.3	1650.8	2246.7	3699.5	1260.4
Romania	967.4	1118.9	822.7	28.4	27.9	29.0	438.6	519.6	352.9	1484.6	1752.5	1227.2	2465.5	3128.8	1960.4	2246.9	3167.5	1709.7
Serbia	799.5	990.6	609.6	34.0	32.3	22.3	396.1	473.2	314.8	1258.2	1580.0	948.3	1818.9	2445.6	1290.7	1331.4	1997.9	886.8
Spain, Andalusia	1147.3	1421.8	878.8	54.1	64.3	43.2	533.9	659.9	404.0	1724.8	2203.4	1251.9	3164.9	4077.2	2351.5	2758.8	3911.1	2008.5
Spain, Aragon	1163.6	1534.6	799.1	36.4	31.4	41.7	464.2	523.5	401.4	1632.2	2173.9	1077.4	2698.1	3906.1	1601.8	2577.1	4076.2	1574.8
Spain, Asturias	1196.3	1626.3	801.8	52.3	76.4	26.9	418.0	542.4	291.4	1677.6	2260.2	1123.5	2547.0	3729.6	1537.3	2052.1	3367.1	1279.5
Spain, Basque country	1227.0	1625.4	851.6	67.9	68.5	67.3	572.7	717.1	425.6	1568.6	2052.7	1099.8	2964.4	4071.6	1990.3	2422.0	4172.6	1351.4
Spain, Cantabria *	1133.7	1594.4	693.3				464.3	541.1	385.4	1557.5	2137.7	985.1	3040.8	4624.2	1632.3	2117.8	4049.6	937.6
Spain, Castile and León *	1119.4	1505.9	741.2				409.5	524.6	288.0	1472.7	1943.3	983.4	2468.7	3423.6	1564.9	2233.7	3622.9	1304.5
Spain, Castile-La Mancha *	1090.0	1332.7	844.5				433.8	508.9	352.8	1693.0	2139.0	1222.1	2918.5	3727.0	2170.5	2477.8	3347.4	1863.6
Spain, Catalonia	1354.7	1732.8	988.9	76.6	86.4	66.2	503.3	630.8	371.1	1877.9	2393.9	1371.4	3748.0	5203.8	2473.7	3615.3	5658.8	2337.1
Spain, Extremadura	1149.1	1431.5	871.3	19.2	9.4	29.5	477.8	591.4	358.5	1788.5	2300.2	1254.5	2674.8	3580.2	1859.2	2313.4	3040.2	1839.8
Spain, Galicia	1304.8	1724.8	911.9	37.1	44.9	28.8	535.2	635.3	433.3	1838.8	2423.9	1274.8	2901.5	4074.1	1869.1	2197.5	3569.8	1335.0
Spain, Community of Madrid	1088.7	1433.4	771.1	63.8	69.0	58.3	432.4	507.7	358.9	1599.5	2157.2	1091.3	2927.3	4230.5	1857.3	2967.2	5005.7	1760.1
Spain, Region of Murcia	1286.7	1649.4	922.3	38.4	57.4	18.2	462.7	554.5	363.8	2066.8	2571.7	1557.5	4092.7	6053.9	2361.7	3795.3	5904.0	2373.2
Spain, Navarre *	1254.4	1634.1	881.1				545.0	666.8	418.8	1824.6	2331.6	1303.3	3307.3	4429.8	2254.5	2704.7	4487.6	1542.4
Spain, Valencian region	1332.7	1692.5	981.4	63.8	86.7	39.6	503.0	617.7	382.9	1803.8	2271.1	1344.2	3372.7	4610.6	2275.3	3810.5	5857.7	2448.0
Sweden	961.4	1234.5	688.1	79.6	90.8	67.7	473.4	566.4	376.0	1525.1	1924.7	1117.9	2214.4	2958.6	1493.2	1895.8	3035.2	1082.4
Switzerland †	931.4	1177.5	689.2	54.5	57.1	50.5	326.8	395.6	255.8	1170.0	1454.1	880.6	2246.1	3056.1	1501.8	2484.5	3824.9	1604.8
the Netherlands	989.6	1200.0	782.9	60.7	72.1	48.8	496.3	591.8	399.8	1404.7	1676.3	1131.5	2346.6	2911.1	1801.5	2385.4	3516.8	1616.7
United Kingdom, All countries * ¶	929.8	1149.2	716.7				554.0	659.9	448.0	1581.6	1946.1	1228.0	1975.6	2494.0	1494.6	1853.6	2815.1	1164.3
United Kingdom, England * ¶	930.9	1149.8	717.7				548.8	655.2	442.0	1592.8	1957.1	1238.0	2006.0	2524.3	1524.2	1875.8	2843.9	1177.1
United Kingdom, Northern Ireland *	914.3	1128.6	707.7				596.1	675.2	519.0	1486.3	1848.6	1133.6	1980.1	2534.0	1472.7	2414.8	3807.4	1468.7
United Kingdom, Scotland	916.2	1110.1	733.0	64.7	82.6	45.9	573.3	680.1	469.7	1539.6	1858.1	1238.1	1751.4	2220.4	1325.8	1393.6	1979.9	998.3
United Kingdom, Wales *	967.1	1249.4	693.3				590.5	704.4	475.3	1523.6	1972.7	1093.7	1863.6	2438.3	1320.6	1962.9	3173.0	1084.0

* Patients younger than 20 years of age are not reported

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

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

Table B.4.3
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	61.0	15.3	62.6	63.9	61.0	15.1	62.7	36.1	61.0	15.6	62.5
Belgium, Dutch-speaking *	100	65.8	15.3	67.6	59.5	65.3	15.1	67.0	40.5	66.5	15.5	68.5
Belgium, French-speaking *	100	64.8	15.3	66.3	63.5	64.8	15.1	66.3	36.5	64.8	15.8	66.3
Bosnia and Herzegovina	100	59.4	15.1	61.5	59.6	58.9	15.0	60.7	40.4	60.2	15.2	62.5
Denmark	100	58.4	16.1	59.9	62.8	58.6	16.2	60.2	37.2	58.1	16.1	59.5
Estonia	100	57.8	15.3	58.3	55.4	57.7	14.8	57.1	44.6	57.8	15.9	59.8
Finland	100	58.8	16.3	61.2	63.9	59.2	16.2	61.7	36.1	58.2	16.5	60.2
France	100	63.0	16.5	65.0	61.1	62.9	16.3	65.0	38.9	63.0	16.8	65.0
Greece	100	64.0	15.7	66.1	64.4	63.7	15.4	65.7	35.6	64.6	16.1	66.9
Iceland	100	54.6	17.2	55.4	61.5	55.2	17.3	55.7	38.5	53.6	17.1	54.9
Norway	100	59.3	16.2	61.3	65.2	59.5	16.1	61.6	34.8	58.9	16.4	60.7
Romania	100	60.5	15.2	62.3	56.5	59.9	15.1	61.5	43.5	61.4	15.2	63.2
Serbia	100	59.2	14.4	61.3	60.3	59.3	14.2	61.4	39.1	59.2	14.4	60.9
Spain, Andalusia	100	60.2	15.6	61.6	61.3	59.7	15.4	60.8	38.7	61.0	15.9	63.0
Spain, Aragon	100	62.7	15.3	64.0	65.4	63.1	14.8	64.3	34.6	62.1	16.2	62.9
Spain, Asturias	100	62.8	14.3	63.2	65.0	62.7	14.2	63.1	35.0	62.8	14.6	63.4
Spain, Basque country	100	61.8	15.5	63.8	64.3	62.1	15.3	64.0	35.7	61.2	15.8	63.0
Spain, Cantabria *	100	62.2	14.5	63.5	68.7	63.0	14.3	64.2	31.3	60.4	14.9	60.4
Spain, Castile and León *	100	64.3	14.6	65.3	66.5	64.1	14.4	65.0	33.5	64.6	14.9	65.5
Spain, Castile-La Mancha *	100	62.0	14.6	62.7	61.5	61.7	14.3	62.2	38.5	62.5	15.1	64.2
Spain, Catalonia	100	62.7	15.8	64.7	62.9	62.5	15.5	64.6	37.1	63.0	16.1	64.9
Spain, Extremadura	100	61.4	15.0	61.8	61.8	60.8	14.3	61.3	38.2	62.3	15.9	64.0
Spain, Galicia	100	62.2	14.8	63.8	63.9	62.4	14.4	63.9	36.1	62.1	15.4	63.6
Spain, Community of Madrid	100	61.5	15.8	62.8	63.1	61.9	15.5	63.3	36.9	60.9	16.3	62.1
Spain, Region of Murcia	100	61.8	15.2	63.2	64.2	62.0	15.0	63.8	35.8	61.5	15.5	61.9
Spain, Navarre *	100	62.0	14.6	63.6	64.6	62.4	14.3	63.9	35.4	61.4	15.1	62.7
Spain, Valencian region	100	62.8	15.7	64.7	62.7	62.8	15.7	64.7	37.3	62.9	15.6	64.7
Sweden	100	59.6	16.2	61.8	64.2	60.1	16.1	62.5	35.8	58.8	16.4	60.8
Switzerland	100	62.5	15.9	64.4	62.5	62.6	15.7	64.5	37.4	62.3	16.3	63.9
the Netherlands	100	60.1	16.0	62.1	60.1	60.1	16.0	62.2	39.9	60.1	16.0	62.0
United Kingdom, All countries *	100	58.6	15.5	59.0	60.9	58.9	15.5	59.4	39.1	58.1	15.4	58.5
United Kingdom, England *	100	58.6	15.5	59.1	60.9	58.9	15.5	59.4	39.1	58.2	15.4	58.7
United Kingdom, Northern Ireland *	100	58.4	16.1	58.0	60.6	59.0	15.8	59.0	39.4	57.5	16.4	57.1
United Kingdom, Scotland	100	56.6	15.7	57.3	58.9	56.6	15.7	57.6	41.1	56.6	15.6	56.9
United Kingdom, Wales *	100	59.4	15.7	60.0	63.6	59.9	15.7	60.7	36.4	58.4	15.7	59.4

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

** Patients younger than 20 years of age are not reported*

Table B.4.4
Prevalence per million population, adjusted
prevalent patients on December 31, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Austria	1035.3	1343.2	741.6
Belgium, Dutch-speaking *	1161.9	1371.7	961.7
Belgium, French-speaking *	1340.1	1741.9	957.0
Bosnia and Herzegovina	782.8	959.6	614.2
Denmark	888.2	1111.4	675.3
Estonia	663.3	803.6	529.4
Finland	809.6	1043.4	586.7
France	1234.6	1538.6	944.7
Greece	1110.0	1453.2	782.6
Iceland	726.1	883.7	575.8
Norway	969.5	1248.3	703.6
Romania	954.2	1121.7	794.5
Serbia	733.6	916.5	559.2
Spain, Andalusia	1168.9	1441.8	908.6
Spain, Aragon	1054.9	1383.6	741.4
Spain, Asturias	988.0	1317.0	674.2
Spain, Basque country	1092.6	1423.6	777.0
Spain, Cantabria *	1020.1	1418.3	640.3
Spain, Castile and León *	924.6	1225.1	638.0
Spain, Castile-La Mancha *	1076.3	1308.9	854.5
Spain, Catalonia	1325.9	1687.5	981.1
Spain, Extremadura	1076.9	1336.6	829.2
Spain, Galicia	1115.6	1448.5	798.0
Spain, Community of Madrid	1113.4	1460.3	782.5
Spain, Region of Murcia	1405.0	1814.4	1014.6
Spain, Navarre *	1197.0	1541.2	868.7
Spain, Valencian region	1277.5	1612.6	958.0
Sweden	939.0	1192.2	697.4
Switzerland †	844.7	1054.2	644.9
the Netherlands	964.8	1153.0	785.3
United Kingdom, All countries * ¶	947.5	1159.6	745.3
United Kingdom, England * ¶	953.1	1165.4	750.6
United Kingdom, Northern Ireland *	981.6	1204.5	769.1
United Kingdom, Scotland	902.8	1084.9	729.1
United Kingdom, Wales *	944.1	1206.3	694.0

* Patients younger than 20 years of age are not reported

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

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

Table B.4.5
Prevalence per million population and percentages by primary renal disease, unadjusted
prevalent patients on December 31

	All		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	1078.5	100	246.5	22.9	77.2	7.2	77.3	7.2	57.7	5.3	155.3	14.4	212.9	19.7	92.8	8.6	73.5	6.8	194.3	18.0	103.9	9.6	0	0
Belgium, Dutch-speaking *	1257.9	100	220.3	17.5	90.2	7.2	125.6	10.0	52.5	4.2	163.8	13.0	216.3	17.2	100.3	8.0	61.2	4.9	324.9	25.8	119.1	9.5	0	0
Belgium, French-speaking *	1279.3	100	211.2	16.5	101.8	8.0	99.5	7.8	35.8	2.8	187.2	14.6	223.0	17.4	197.2	15.4	30.4	2.4	330.7	25.9	85.4	6.7	0	0
Bosnia and Herzegovina	751.3	100	148.7	19.8	114.1	15.2	39.1	5.2	94.6	12.6	50.4	6.7	145.0	19.3	81.6	10.9	7.4	1.0	142.2	18.9	73.3	9.8	0	0
Denmark	904.2	100	184.9	20.4	61.3	6.8	87.5	9.7	80.3	8.9	72.7	8.0	153.0	16.9	91.3	10.1	0.3	0	145.7	16.1	180.3	19.9	0	0
Estonia	660.6	100	175.6	26.6	103.4	15.7	62.3	9.4	123.9	18.8	0	0	123.9	18.8	40.3	6.1	77.5	11.7	77.5	11.7	0	0	0	0
Finland	853.9	100	179.4	21.0	73.9	8.7	116.4	13.6	134.7	15.8	82.3	9.6	217.0	25.4	31.8	3.7	4.7	0.6	149.6	17.5	81.0	9.5	0	0
France	1246.4	100	259.0	20.8	92.2	7.4	122.2	9.8					198.4	15.9	203.5	16.3	11.5	0.9	220.8	17.7	112.6	9.0	26.3	2.1
Greece	1234.6	100	218.8	17.7	78.1	6.3	98.6	8.0	26.6	2.2	203.0	16.4	229.6	18.6	113.4	9.2	17.1	1.4	119.2	9.7	359.7	29.1	0	0
Iceland	659.0	100	178.3	27.1	57.4	8.7	69.5	10.6	48.4	7.3	21.2	3.2	69.5	10.6	96.7	14.7	6.0	0.9	154.2	23.4	27.2	4.1	0	0
Norway	932.0	100	262.1	28.1	71.7	7.7	100.6	10.8					124.1	13.3	164.2	17.6	6.6	0.7	180.8	19.4	21.8	2.3	0.2	0
Romania	967.4	100	195.2	20.2	90.2	9.3	48.2	5.0					101.7	10.5	51.2	5.3	6.0	0.6	140.9	14.6	333.0	34.4	1.0	0.1
Serbia	799.5	100	153.1	19.1	84.8	10.6	53.6	6.7	50.6	6.3	81.2	10.2	131.8	16.5	195.3	24.4	8.6	1.1	107.7	13.5	62.3	7.8	2.4	0.3
Spain, Andalusia	1147.3	100	152.7	13.3	117.0	10.2	110.1	9.6					175.7	15.3	89.9	7.8	0.5	0	161.0	14.0	340.5	29.7	0	0
Spain, Aragon	1163.6	100	208.7	17.9	65.8	5.7	95.3	8.2	70.3	6.0	109.6	9.4	180.0	15.5	111.1	9.6	25.7	2.2	142.9	12.3	334.2	28.7	0	0
Spain, Asturias	1196.3	100	243.8	20.4	80.0	6.7	132.4	11.1	55.2	4.6	141.0	11.8	196.2	16.4	155.3	13.0	14.3	1.2	181.0	15.1	186.7	15.6	6.7	0.6
Spain, Basque country	1227.0	100	203.7	16.6	95.2	7.8	147.4	12.0	41.1	3.4	91.0	7.4	132.1	10.8	135.8	11.1	41.1	3.4	172.8	14.1	298.9	24.4	0	0
Spain, Cantabria *	1133.7	100	368.2	32.5	97.6	8.6	111.3	9.8	46.2	4.1	106.2	9.4	152.4	13.4	118.2	10.4	80.5	7.1	135.3	11.9	58.2	5.1	12.0	1.1
Spain, Castile and León ‡	1119.4	100	195.0	17.4	67.7	6.0	98.5	8.8	68.5	6.1	124.5	11.1	193.0	17.2	141.1	12.6	0	0	135.8	12.1	288.3	25.8	0	0
Spain, Castile-La Mancha *	1090.0	100	226.7	20.8	132.3	12.1	125.0	11.5					165.9	15.2	68.1	6.2	18.5	1.7	120.6	11.1	229.1	21.0	3.9	0.4
Spain, Catalonia	1354.7	100	273.3	20.2	133.5	9.9	137.6	10.2	36.4	2.7	149.0	11.0	188.3	13.9	115.2	8.5	38.8	2.9	147.2	10.9	320.9	23.7	0	0
Spain, Extremadura	1149.1	100	222.3	19.3	86.9	7.6	114.4	10.0					174.7	15.2	79.6	6.9	18.3	1.6	123.5	10.7	316.6	27.5	12.8	1.1
Spain, Galicia	1304.8	100	256.6	19.7	86.9	6.7	144.4	11.1	58.7	4.5	164.2	12.6	222.9	17.1	106.3	8.1	35.6	2.7	184.8	14.2	267.3	20.5	0	0
Spain, Community of Madrid	1088.7	100	234.3	21.5	85.9	7.9	116.2	10.7	45.2	4.2	148.5	13.6	193.7	17.8	120.7	11.1	15.7	1.4	183.9	16.9	138.3	12.7	0	0
Spain, Region of Murcia	1286.7	100	341.4	26.5	107.7	8.4	78.4	6.1					175.2	13.6	72.2	5.6	59.3	4.6	186.7	14.5	265.8	20.7	0	0
Spain, Navarre *	1254.4	100	235.5	18.8	42.4	3.4	166.4	13.3	67.5	5.4	108.3	8.6	175.8	14.0	180.5	14.4	4.7	0.4	262.2	20.9	186.8	14.9	0	0
Spain, Valencian region	1332.7	100	250.2	18.8	128.7	9.7	117.3	8.8					177.3	13.3	174.3	13.1	46.6	3.5	155.0	11.6	283.5	21.3	0	0
Sweden ‡	961.4	100	245.0	25.5	49.7	5.2	100.2	10.4					170.2	17.7	88.6	9.2	1.0	0.1	201.0	20.9	105.6	11.0	0	0
Switzerland †	931.4	100	210.2	22.6	34.3	3.7	34.4	3.7	43.0	4.6	97.8	10.5	140.8	15.1	102.0	11.0	26.4	2.8	261.3	28.1	74.6	8.0	47.3	5.1
the Netherlands	989.6	100	158.0	16.0	68.5	6.9	80.2	8.1	38.4	3.9	86.8	8.8	125.3	12.7	109.4	11.1	61.0	6.2	189.5	19.1	113.4	11.5	84.4	8.5
United Kingdom, All countries * ¶	929.8	100	177.7	19.1	98.0	10.5	90.0	9.7					154.1	16.6	57.2	6.1	15.0	1.6	167.2	18.0	145.5	15.6	25.1	2.7
United Kingdom, England * ¶	930.9	100	172.3	18.5	93.9	10.1	87.4	9.4					154.8	16.6	60.8	6.5	14.9	1.6	167.2	18.0	150.2	16.1	29.3	3.2
United Kingdom, Northern Ireland *	914.3	100	176.6	19.3	144.2	15.8	108.6	11.9					139.3	15.2	37.8	4.1	12.4	1.4	176.1	19.3	109.1	11.9	10.3	1.1
United Kingdom, Scotland	916.2	100	201.6	22.0	121.3	13.2	106.6	11.6					145.4	15.9	35.9	3.9	13.4	1.5	180.0	19.6	111.9	12.2	0.2	0
United Kingdom, Wales *	967.1	100	236.2	24.4	107.1	11.1	96.2	9.9					164.2	17.0	40.7	4.2	21.3	2.2	155.9	16.1	142.9	14.8	2.6	0.3

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

* Patients younger than 20 years of age are not reported

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

‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

Table B.4.6
Prevalence per million population by primary renal disease, adjusted
prevalent patients on December 31, adjusted for age and gender

	All	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	1035.3	236.2	75.0	73.5	55.3	148.4	203.7	88.6	69.7	188.5	100.0	0
Belgium, Dutch-speaking *	1161.9	207.3	85.3	117.4	49.5	146.4	195.8	89.6	52.7	302.1	111.5	0
Belgium, French-speaking *	1340.1	220.8	107.1	104.4	37.6	199.4	237.1	204.9	31.6	345.0	89.1	0
Bosnia and Herzegovina	782.8	148.4	120.0	38.4	98.3	51.8	150.2	86.9	9.0	154.7	75.2	0
Denmark	888.2	184.7	61.8	83.1	79.8	68.1	148.0	87.4	0.4	145.5	177.4	0
Estonia	663.3	179.1	100.8	59.0	127.4	0	127.4	40.6	77.2	79.1	0	0
Finland	809.6	169.3	70.8	104.5	136.8	71.9	208.7	29.4	4.3	146.3	76.3	0
France	1234.6	263.2	94.0	121.0			194.4	190.7	11.0	224.1	109.7	26.4
Greece	1110.0	207.6	72.5	92.0	26.2	173.7	199.9	97.0	14.9	111.4	314.7	0
Iceland	726.1	195.5	64.9	79.3	51.1	22.6	73.7	110.4	7.1	164.5	30.7	0
Norway	969.5	270.0	74.8	105.4			128.3	174.3	6.7	187.4	22.4	0.2
Romania	954.2	192.5	88.9	46.8			99.0	51.2	6.0	139.6	329.3	1.0
Serbia	733.6	145.7	79.4	47.4	47.1	71.2	118.3	176.7	7.4	98.5	57.9	2.3
Spain, Andalusia	1168.9	151.8	118.7	113.4			180.9	92.8	0.5	163.5	347.3	0
Spain, Aragon	1054.9	193.8	61.3	88.6	65.6	96.7	162.3	92.5	20.7	133.8	301.9	0
Spain, Asturias	988.0	205.8	71.2	109.1	48.1	112.4	160.5	115.6	11.1	158.8	149.4	6.5
Spain, Basque country	1092.6	186.0	85.5	128.4	37.5	78.9	116.4	114.5	34.4	163.0	264.4	0
Spain, Cantabria *	1020.1	331.6	88.9	98.0	42.6	95.5	138.1	101.5	72.1	127.1	52.1	10.8
Spain, Castile and León * ‡	924.6	168.4	58.4	84.2	59.8	95.5	155.3	101.8	0	115.2	241.3	0
Spain, Castile-La Mancha *	1076.3	226.9	128.8	127.4			167.3	64.4	17.5	119.5	220.7	3.8
Spain, Catalonia	1325.9	269.4	129.7	137.5	35.2	147.8	186.1	111.3	37.5	145.1	309.2	0
Spain, Extremadura	1076.9	213.2	81.4	111.3			161.7	72.8	16.0	118.5	289.6	12.5
Spain, Galicia	1115.6	228.5	77.5	125.1	54.5	131.0	185.4	83.7	26.6	168.7	220.0	0
Spain, Community of Madrid	1113.4	237.7	85.4	120.5	43.8	158.4	202.2	124.7	16.2	185.9	140.7	0
Spain, Region of Murcia	1405.0	367.9	114.8	85.3			193.8	80.4	66.1	202.6	294.0	0
Spain, Navarre *	1197.0	228.2	42.6	159.2	63.6	105.9	169.5	163.5	4.5	254.0	175.4	0
Spain, Valencian region	1277.5	241.4	124.2	113.4			170.2	164.3	44.2	150.6	269.3	0
Sweden ‡	939.0	242.2	49.1	97.5			164.6	82.0	1.0	198.5	104.1	0
Switzerland †	844.7	187.2	31.7	33.7	36.0	93.1	129.1	96.0	25.1	223.7	72.1	46.2
the Netherlands	964.8	153.4	67.7	75.6	37.6	83.0	120.6	107.2	59.6	186.7	112.1	82.0
United Kingdom, All countries * ¶	947.5	181.9	100.7	91.8			156.7	57.7	14.6	171.1	147.6	25.4
United Kingdom, England * ¶	953.1	177.1	96.6	89.9			158.4	61.8	14.6	171.7	153.1	29.8
United Kingdom, Northern Ireland *	981.6	188.4	153.6	115.2			149.5	42.1	13.9	189.6	118.0	11.3
United Kingdom, Scotland	902.8	199.6	121.3	101.9			142.9	34.6	12.9	178.4	111.1	0.2
United Kingdom, Wales *	944.1	233.4	109.8	92.6			159.0	38.2	18.8	153.2	136.7	2.4

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

‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

Table B.4.7
Prevalent counts by treatment modality
prevalent patients on December 31

	All	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	9259	2975	2	3	2	1077	4059	200	189	8	397	750	4048	5	4803	0	0
Belgium, Dutch-speaking *	8142	2583	56	0	6	1635	4280	238	104	0	342	211	3303	6	3520	0	0
Belgium, French-speaking *	6143	2370	55	0	31	870	3326	136	151	0	287	205	2050	266	2521	9	0
Bosnia and Herzegovina	2653	2030	0	0	0	256	2286	3	87	1	91	186	85	5	276	0	0
Denmark &	5190	1815	145	0		1960	305	208	14	527	1066	1634	2	2702	1	0	
Estonia	869	310	0	0	1	12	323	41	8	0	49	5	492	0	497	0	0
Finland	4679	872	132	0	0	505	1509	203	130	0	333	215	2610	12	2837	0	0
France	83042	29973	231	155	72	12275	42706	1181	1851	0	3032	3642	30973	2306	36921	383	0
Greece	13359	7240	0	0	1	2788	10029	451	256	0	707	1068	1555	0	2623	0	0
Iceland	218	53	0	0		53	3	6	0	9	104	52	0	156	0	0	
Norway	4836	1158	17	1		1176				214	214	1366	2074	6	3446	0	0
Romania	18977	15850	6	2	8	73	15939	78	1324	4	1406	324	558	737	1619	13	0
Serbia	5673	3728	28	3	19	603	4381	37	478	4	519	471	285	0	756	17	0
Spain, Andalusia	9640	4121	9	0		4130				406	406	406	4698	0	5104	0	0
Spain, Aragon	1539	422	1	0		90	513	14	73	0	87	70	867	0	937	2	0
Spain, Asturias	1256	455	1	0	0	2	458	42	74	0	116	33	649	0	682	0	0
Spain, Basque country	2656	804	3	0		807	22	160	0	182	117	1545	0	1662	5	0	
Spain, Cantabria *	662	178	0	0		178	0	31	0	31	27	425	0	452	1	0	
Spain, Castile and León *	2761	1075	2	0		1077	70	105	0	175	0	1509	0	1509	0	0	
Spain, Castile-La Mancha *	2241	842	2	0		844	32	85	0	117			1277	1277	3	0	
Spain, Catalonia	10171	1533	3	0		2719	4255	215	205	0	420	1082	4414	0	5496	0	0
Spain, Extremadura	1256	595	10	0		605	39	35	0	74	20	257	300	577	0	0	
Spain, Galicia	3559	1557	10	0	0	10	1577	104	158	0	262	189	1488	41	1718	2	0
Spain, Community of Madrid	7008	2561	21	57		2639	126	226	15	367	249	3752	0	4001	1	0	
Spain, Region of Murcia	1888	458	0	0	0	495	953	10	92	0	102	51	782	0	833	0	0
Spain, Navarre *	799	268	14	0		282	32	10	0	42	29	446	0	475	0	0	
Spain, Valencian region	6638	3374	17	0		3391	50	391	0	441	98	2008	697	2803	3	0	
Sweden	9421	2963	137	0		3100				841	841	2336	3143	0	5479	1	0
Switzerland †	7714	3134	33	14	0	0	3181	123	266	6	395	1352	2702	78	4132	6	0
the Netherlands	16764	5340	279	0		5619	459	405	0	864	4960	5308	13	10281	0	0	
United Kingdom, All countries * ¶ §	60537	20355	1207	32	15	3052	24661	1951	1559	68	3578	10092	21189	1007	32288	10	0
United Kingdom, England * ¶	50999	16931	1042	16	13	2983	20985	1636	1361	66	3063	8485	17546	910	26941	10	0
United Kingdom, Northern Ireland *	1693	563	21	16	0	23	623	79	4	1	84	376	548	62	986	0	0
United Kingdom, Scotland	4923	1868	53	0		1921	152	75	0	227	806	1948	21	2775	0	0	
United Kingdom, Wales *	2997	1003	91	0	2	46	1142	89	119	1	209	458	1174	14	1646	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, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

& No distinction is made between HD and HDF

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

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK

Table B.4.8
Prevalence per million population by treatment modality, unadjusted
prevalent patients on December 31

	All																Unkn	Missing
	Haemodialysis							Peritoneal dialysis				Transplant						
	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx				
Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp			
Austria	1078.5	346.5	0.2	0.3	0.2	125.5	472.8	23.3	22.0	0.9	46.2	87.4	471.5	0.6	559.5	0	0	
Belgium, Dutch-speaking *	1257.9	399.1	8.7	0	0.9	252.6	661.3	36.8	16.1	0	52.8	32.6	510.3	0.9	543.8	0	0	
Belgium, French-speaking *	1279.3	493.6	11.5	0	6.5	181.2	692.7	28.3	31.4	0	59.8	42.7	426.9	55.4	525.0	1.9	0	
Bosnia and Herzegovina	751.3	574.9	0	0	0	72.5	647.4	0.8	24.6	0.3	25.8	52.7	24.1	1.4	78.2	0	0	
Denmark &	904.2	316.2	25.3	0			341.5	53.1	36.2	2.4	91.8	185.7	284.7	0.3	470.8	0.2	0	
Estonia	660.6	235.7	0	0	0.8	9.1	245.6	31.2	6.1	0	37.3	3.8	374.0	0	377.8	0	0	
Finland	853.9	159.1	24.1	0	0	92.2	275.4	37.0	23.7	0	60.8	39.2	476.3	2.2	517.7	0	0	
France	1246.4	449.9	3.5	2.3	1.1	184.2	641.0	17.7	27.8	0	45.5	54.7	464.9	34.6	554.2	5.7	0	
Greece	1234.6	669.1	0	0	0.1	257.6	926.8	41.7	23.7	0	65.3	98.7	143.7	0	242.4	0	0	
Iceland	659.0	160.2	0	0			160.2	9.1	18.1	0	27.2	314.4	157.2	0	471.6	0	0	
Norway	932.0	223.2	3.3	0.2			226.7			41.2	41.2	263.3	399.7	1.2	664.1	0	0	
Romania	967.4	808.0	0.3	0.1	0.4	3.7	812.5	4.0	67.5	0.2	71.7	16.5	28.4	37.6	82.5	0.7	0	
Serbia	799.5	525.4	3.9	0.4	2.7	85.0	617.4	5.2	67.4	0.6	73.1	66.4	40.2	0	106.5	2.4	0	
Spain, Andalusia	1147.3	490.5	1.1	0			491.5			48.3	48.3	48.3	559.1	0	607.4	0	0	
Spain, Aragon	1163.6	319.1	0.8	0		68.0	387.9	10.6	55.2	0	65.8	52.9	655.5	0	708.5	1.5	0	
Spain, Asturias	1196.3	433.4	1.0	0	0	1.9	436.2	40.0	70.5	0	110.5	31.4	618.2	0	649.6	0	0	
Spain, Basque country	1227.0	371.4	1.4	0			372.8	10.2	73.9	0	84.1	54.1	713.8	0	767.8	2.3	0	
Spain, Cantabria *	1133.7	304.8	0	0			304.8	0	53.1	0	53.1	46.2	727.8	0	774.0	1.7	0	
Spain, Castile and León *	1119.4	435.8	0.8	0			436.7	28.4	42.6	0	71.0	0	611.8	0	611.8	0	0	
Spain, Castile-La Mancha *	1090.0	409.5	1.0	0			410.5	15.6	41.3	0	56.9		621.1	621.1	1.5	0	0	
Spain, Catalonia	1354.7	204.2	0.4	0		362.1	566.7	28.6	27.3	0	55.9	144.1	587.9	0	732.0	0	0	
Spain, Extremadura	1149.1	544.4	9.1	0			553.5	35.7	32.0	0	67.7	18.3	235.1	274.5	527.9	0	0	
Spain, Galicia	1304.8	570.8	3.7	0	0	3.7	578.2	38.1	57.9	0	96.1	69.3	545.5	15.0	629.9	0.7	0	
Spain, Community of Madrid	1088.7	397.9	3.3	8.9			410.0	19.6	35.1	2.3	57.0	38.7	582.9	0	621.6	0.2	0	
Spain, Region of Murcia	1286.7	312.1	0	0	0	337.4	649.5	6.8	62.7	0	69.5	34.8	533.0	0	567.7	0	0	
Spain, Navarre *	1254.4	420.7	22.0	0			442.7	50.2	15.7	0	65.9	45.5	700.2	0	745.7	0	0	
Spain, Valencian region	1332.7	677.4	3.4	0			680.8	10.0	78.5	0	88.5	19.7	403.2	139.9	562.8	0.6	0	
Sweden	961.4	302.4	14.0	0			316.4			85.8	85.8	238.4	320.7	0	559.1	0.1	0	
Switzerland †	931.4	378.4	4.0	1.7	0	0	384.1	14.9	32.1	0.7	47.7	163.2	326.2	9.4	498.9	0.7	0	
the Netherlands	989.6	315.2	16.5	0			331.7	27.1	23.9	0	51.0	292.8	313.3	0.8	606.9	0	0	
United Kingdom, All countries * ¶ §	929.8	312.6	18.5	0.5	0.2	46.9	378.8	30.0	23.9	1.0	55.0	155.0	325.4	15.5	495.9	0.2	0	
United Kingdom, England * ¶	930.9	309.0	19.0	0.3	0.2	54.4	383.0	29.9	24.8	1.2	55.9	154.9	320.3	16.6	491.7	0.2	0	
United Kingdom, Northern Ireland *	914.3	304.1	11.3	8.6	0	12.4	336.5	42.7	2.2	0.5	45.4	203.1	296.0	33.5	532.5	0	0	
United Kingdom, Scotland	916.2	347.7	9.9	0			357.5	28.3	14.0	0	42.2	150.0	362.6	3.9	516.5	0	0	
United Kingdom, Wales *	967.1	323.6	29.4	0	0.6	14.8	368.5	28.7	38.4	0.3	67.4	147.8	378.8	4.5	531.1	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
 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

& No distinction is made between HD and HDF

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

† The prevalence is underestimated by approximately 6% due to an estimated 11% underreporting of patients living on a functioning graft

¶ The prevalence is underestimated by approximately 1% due to a small number of centres not submitting complete data for 2015

§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK

Table B.4.9
Prevalence per million population by treatment modality, adjusted
prevalent patients on December 31, adjusted for age and gender

	All																Unkn	Missing
	Haemodialysis							Peritoneal dialysis				Transplant						
	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx				
Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp			
Austria	1035.3	331.4	0.2	0.3	0.2	119.2	451.4	22.6	21.1	0.9	44.6	85.4	453.2	0.6	539.2	0	0	
Belgium, Dutch-speaking *	1161.9	355.9	8.0	0	0.8	225.9	590.5	34.6	15.2	0	49.9	33.3	487.3	0.9	521.5	0	0	
Belgium, French-speaking *	1340.1	514.7	12.0	0	6.8	191.4	724.9	29.8	33.6	0	63.4	44.1	447.8	58.2	550.0	1.9	0	
Bosnia and Herzegovina	782.8	607.4	0	0	0	72.7	680.1	0.8	24.9	0.3	25.9	52.0	23.4	1.4	76.8	0	0	
Denmark &	888.2	307.3	25.0	0			332.2	51.2	34.7	2.3	88.3	188.6	278.6	0.4	467.5	0.2	0	
Estonia	663.3	235.0	0	0	0.8	8.7	244.5	30.9	5.6	0	36.5	4.0	378.3	0	382.3	0	0	
Finland	809.6	147.7	23.8	0	0	85.7	257.2	35.4	22.1	0	57.6	38.6	454.1	2.2	494.8	0	0	
France	1234.6	434.7	3.6	2.4	1.1	176.7	618.4	17.5	25.9	0	43.4	57.8	474.6	34.7	567.1	5.8	0	
Greece	1110.0	573.5	0	0	0.1	239.9	813.5	38.3	21.1	0	59.3	98.8	138.4	0	237.1	0	0	
Iceland	726.1	183.9	0	0			183.9	9.7	23.1	0	32.8	340.1	169.3	0	509.5	0	0	
Norway	969.5	235.2	3.3	0.2			238.7			44.4	44.4	269.0	416.2	1.2	686.3	0	0	
Romania	954.2	796.7	0.3	0.1	0.4	3.7	801.2	4.1	66.6	0.2	70.8	16.2	28.1	37.2	81.6	0.6	0	
Serbia	733.6	472.1	3.5	0.4	2.4	79.8	558.3	4.7	61.4	0.5	66.7	67.6	38.8	0	106.4	2.3	0	
Spain, Andalusia	1168.9	506.8	1.0	0			507.9			49.4	49.4	47.9	563.8	0	611.7	0	0	
Spain, Aragon	1054.9	267.4	0.7	0		60.7	328.8	9.1	51.0	0	60.1	52.8	611.7	0	664.5	1.5	0	
Spain, Asturias	988.0	338.9	0.8	0	0	1.4	341.1	33.9	56.4	0	90.4	28.7	527.8	0	556.6	0	0	
Spain, Basque country	1092.6	312.2	1.2	0			313.4	9.2	63.8	0	73.0	53.2	651.0	0	704.1	2.1	0	
Spain, Cantabria *	1020.1	264.8	0	0			264.8	0	47.4	0	47.4	46.5	659.6	0	706.1	1.7	0	
Spain, Castile and León *	924.6	324.3	0.9	0			325.3	23.9	34.2	0	58.1	0	541.2	0	541.2	0	0	
Spain, Castile-La Mancha *	1076.3	391.4	0.8	0			392.2	15.2	40.3	0	55.5		627.1	627.1	1.5	0	0	
Spain, Catalonia	1325.9	196.0	0.4	0		348.4	544.8	28.2	26.9	0	55.1	141.1	584.9	0	726.0	0	0	
Spain, Extremadura	1076.9	494.2	8.9	0			503.2	33.5	29.8	0	63.2	18.1	228.5	263.9	510.5	0	0	
Spain, Galicia	1115.6	454.3	3.3	0	0	3.3	461.0	34.0	47.8	0	81.8	66.9	488.9	16.1	571.9	0.9	0	
Spain, Community of Madrid	1113.4	409.3	3.2	9.3			421.8	20.0	35.8	2.3	58.1	38.7	594.6	0	633.3	0.2	0	
Spain, Region of Murcia	1405.0	346.1	0	0	0	372.7	718.8	6.9	68.6	0	75.5	35.8	574.9	0	610.7	0	0	
Spain, Navarre *	1197.0	393.9	20.7	0			414.7	47.4	14.8	0	62.2	43.7	676.5	0	720.1	0	0	
Spain, Valencian region	1277.5	643.1	3.3	0			646.5	9.8	75.5	0	85.3	19.4	389.9	135.9	545.2	0.6	0	
Sweden	939.0	286.4	14.2	0			300.6			81.5	81.5	241.7	315.1	0	556.7	0.1	0	
Switzerland †	844.7	366.4	3.8	1.6	0	0	371.8	14.6	31.3	0.7	46.6	141.0	275.5	9.2	425.7	0.7	0	
the Netherlands	964.8	311.2	16.0	0			327.1	26.8	23.1	0	49.9	285.6	301.4	0.8	587.7	0	0	
United Kingdom, All countries * ¶ §	947.5	314.2	19.0	0.5	0.2	47.1	381.0	30.3	24.1	1.0	55.4	160.7	334.2	16.0	510.9	0.2	0	
United Kingdom, England * ¶	953.1	312.4	19.6	0.3	0.2	55.0	387.5	30.3	25.2	1.2	56.7	161.0	330.4	17.3	508.6	0.2	0	
United Kingdom, Northern Ireland *	981.6	331.6	12.0	9.8	0	13.6	367.0	46.2	2.4	0.5	49.1	214.8	315.6	35.1	565.5	0	0	
United Kingdom, Scotland	902.8	337.6	9.6	0			347.2	27.6	13.7	0	41.3	151.2	359.1	4.0	514.3	0	0	
United Kingdom, Wales *	944.1	300.0	29.4	0	0.7	13.9	344.0	27.8	35.9	0.3	64.0	153.6	378.0	4.5	536.1	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
 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

& No distinction is made between HD and HDF

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

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§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK

Table B.4.10
Percentages of treatment modality, unadjusted
prevalent patients on December 31

	All	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	32.1	0	0	0	11.6	43.8	2.2	2.0	0.1	4.3	8.1	43.7	0.1	51.9	0	0
Belgium, Dutch-speaking *	100	31.7	0.7	0	0.1	20.1	52.6	2.9	1.3	0	4.2	2.6	40.6	0.1	43.2	0	0
Belgium, French-speaking *	100	38.6	0.9	0	0.5	14.2	54.1	2.2	2.5	0	4.7	3.3	33.4	4.3	41.0	0.1	0
Bosnia and Herzegovina	100	76.5	0	0	0	9.6	86.2	0.1	3.3	0	3.4	7.0	3.2	0.2	10.4	0	0
Denmark &	100	35.0	2.8	0			37.8	5.9	4.0	0.3	10.2	20.5	31.5	0	52.1	0	0
Estonia	100	35.7	0	0	0.1	1.4	37.2	4.7	0.9	0	5.6	0.6	56.6	0	57.2	0	0
Finland	100	18.6	2.8	0	0	10.8	32.3	4.3	2.8	0	7.1	4.6	55.8	0.3	60.6	0	0
France	100	36.1	0.3	0.2	0.1	14.8	51.4	1.4	2.2	0	3.7	4.4	37.3	2.8	44.5	0.5	0
Greece	100	54.2	0	0	0	20.9	75.1	3.4	1.9	0	5.3	8.0	11.6	0	19.6	0	0
Iceland	100	24.3	0	0			24.3	1.4	2.8	0	4.1	47.7	23.9	0	71.6	0	0
Norway	100	23.9	0.4	0			24.3			4.4	4.4	28.2	42.9	0.1	71.3	0	0
Romania	100	83.5	0	0	0	0.4	84.0	0.4	7.0	0	7.4	1.7	2.9	3.9	8.5	0.1	0
Serbia	100	65.7	0.5	0.1	0.3	10.6	77.2	0.7	8.4	0.1	9.1	8.3	5.0	0	13.3	0.3	0
Spain, Andalusia	100	42.7	0.1	0			42.8			4.2	4.2	4.2	48.7	0	52.9	0	0
Spain, Aragon	100	27.4	0.1	0		5.8	33.3	0.9	4.7	0	5.7	4.5	56.3	0	60.9	0.1	0
Spain, Asturias	100	36.2	0.1	0	0	0.2	36.5	3.3	5.9	0	9.2	2.6	51.7	0	54.3	0	0
Spain, Basque country	100	30.3	0.1	0			30.4	0.8	6.0	0	6.9	4.4	58.2	0	62.6	0.2	0
Spain, Cantabria *	100	26.9	0	0			26.9	0	4.7	0	4.7	4.1	64.2	0	68.3	0.2	0
Spain, Castile and León *	100	38.9	0.1	0			39.0	2.5	3.8	0	6.3	0	54.7	0	54.7	0	0
Spain, Castile-La Mancha *	100	37.6	0.1	0			37.7	1.4	3.8	0	5.2		57.0	0	57.0	0.1	0
Spain, Catalonia	100	15.1	0	0		26.7	41.8	2.1	2.0	0	4.1	10.6	43.4	0	54.0	0	0
Spain, Extremadura	100	47.4	0.8	0			48.2	3.1	2.8	0	5.9	1.6	20.5	23.9	45.9	0	0
Spain, Galicia	100	43.7	0.3	0	0	0.3	44.3	2.9	4.4	0	7.4	5.3	41.8	1.2	48.3	0.1	0
Spain, Community of Madrid	100	36.5	0.3	0.8			37.7	1.8	3.2	0.2	5.2	3.6	53.5	0	57.1	0	0
Spain, Region of Murcia	100	24.3	0	0	0	26.2	50.5	0.5	4.9	0	5.4	2.7	41.4	0	44.1	0	0
Spain, Navarre *	100	33.5	1.8	0			35.3	4.0	1.3	0	5.3	3.6	55.8	0	59.4	0	0
Spain, Valencian region	100	50.8	0.3	0			51.1	0.8	5.9	0	6.6	1.5	30.3	10.5	42.2	0	0
Sweden	100	31.5	1.5	0			32.9			8.9	8.9	24.8	33.4	0	58.2	0	0
Switzerland	100	40.6	0.4	0.2	0	0	41.2	1.6	3.4	0.1	5.1	17.5	35.0	1.0	53.6	0.1	0
the Netherlands	100	31.9	1.7	0			33.5	2.7	2.4	0	5.2	29.6	31.7	0.1	61.3	0	0
United Kingdom, All countries * §	100	33.6	2.0	0.1	0	5.0	40.7	3.2	2.6	0.1	5.9	16.7	35.0	1.7	53.3	0	0
United Kingdom, England *	100	33.2	2.0	0	0	5.8	41.1	3.2	2.7	0.1	6.0	16.6	34.4	1.8	52.8	0	0
United Kingdom, Northern Ireland *	100	33.3	1.2	0.9	0	1.4	36.8	4.7	0.2	0.1	5.0	22.2	32.4	3.7	58.2	0	0
United Kingdom, Scotland	100	37.9	1.1	0			39.0	3.1	1.5	0	4.6	16.4	39.6	0.4	56.4	0	0
United Kingdom, Wales *	100	33.5	3.0	0	0.1	1.5	38.1	3.0	4.0	0	7.0	15.3	39.2	0.5	54.9	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
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Table B.4.11
Percentages of treatment modality by age, gender, and primary renal disease, unadjusted
prevalent patients on December 31

	All				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un	HD	PD	Tx	Un
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	44	4	52	0	9	4	87	0	27	5	68	0	35	5	61	0	48	4	48	0	72	4	24	0	44	4	51	0	43	4	53	0	58	4	38	0	40	4	55	0
Belgium, Dutch-speaking *	53	4	43	0					28	7	66	0	31	4	65	0	51	4	45	0	84	3	12	0	52	4	44	0	53	4	43	0	71	4	25	0	49	4	47	0
Belgium, French-speaking *	54	5	41	0					34	5	61	0	40	4	56	0	54	5	41	0	79	5	15	0	54	5	41	0	54	5	42	0	72	5	22	0	50	5	45	0
Bosnia and Herzegovina	86	3	10	0	50	14	36	0	64	4	32	0	87	4	10	0	95	3	2	0	98	2	0	0	85	3	12	0	88	4	8	0	90	6	4	0	85	3	12	0
Denmark	38	10	52	0	8	2	90	0	20	5	75	0	30	7	63	0	46	14	40	0	70	19	10	0	38	11	51	0	37	9	54	0	52	13	35	0	35	10	56	0
Estonia	37	6	57	0	33	0	67	0	26	5	69	0	26	5	69	0	46	5	49	0	72	11	17	0	34	5	61	0	41	7	53	0	32	7	61	0	38	5	56	0
Finland	32	7	61	0	5	9	86	0	24	6	70	0	26	7	67	0	35	6	58	0	61	10	30	0	34	7	58	0	29	7	64	0	40	9	51	0	30	6	64	0
France	51	4	44	0	18	6	76	0	31	2	66	0	39	3	58	1	54	3	42	0	81	6	13	0	51	3	45	0	52	4	44	0	73	4	22	0	47	4	49	0
Greece	75	5	20	0	24	23	54	0	51	6	43	0	66	5	29	0	80	6	14	0	93	5	3	0	76	5	20	0	74	6	20	0	90	6	4	0	72	5	23	0
Iceland	24	4	72	0	17	0	83	0	16	3	80	0	15	3	83	0	29	8	63	0	73	5	23	0	25	3	72	0	23	6	71	0	22	4	74	0	25	4	71	0
Norway	24	4	71	0	3	5	93	0	17	2	81	0	17	3	80	0	26	5	69	0	49	10	41	0	25	4	71	0	23	5	72	0	34	5	60	0	23	4	73	0
Romania	84	7	9	0	60	23	17	0	68	6	25	0	84	7	10	0	90	8	2	0	91	9	0	0	83	7	10	0	85	8	7	0	88	9	3	0	84	7	9	0
Serbia	77	9	13	0	43	6	51	0	53	9	38	1	77	9	14	0	88	10	2	0	90	9	0	1	78	8	14	0	75	11	13	0	77	16	6	0	77	8	15	0
Spain, Andalusia	43	4	53	0	14	1	85	0	25	4	71	0	31	4	64	0	48	4	48	0	79	4	17	0	42	4	54	0	44	4	51	0	64	4	31	0	39	4	57	0
Spain, Aragon	33	6	61	0	0	11	89	0	16	6	79	0	23	6	71	0	32	5	63	0	61	6	34	0	34	6	60	0	33	5	62	0	45	5	50	0	31	6	63	0
Spain, Asturias	36	9	54	0	13	0	88	0	23	8	69	0	29	9	63	0	33	11	56	0	63	9	28	0	37	10	53	0	35	8	58	0	50	13	38	0	34	9	58	0
Spain, Basque country	30	7	63	0	0	0	100	0	14	4	82	1	21	7	72	0	32	8	59	0	57	8	35	0	32	7	61	0	28	7	65	0	54	11	35	0	28	6	66	0
Spain, Cantabria *	27	5	68	0					13	6	82	0	17	3	80	0	29	5	66	0	53	8	38	1	29	5	65	0	22	4	74	0	47	6	47	0	24	5	72	0
Spain, Castile and León *	39	6	55	0					20	5	75	0	23	7	70	0	38	6	56	0	71	6	23	0	40	6	53	0	36	6	57	0	56	7	36	0	35	6	58	0
Spain, Castile-La Mancha *	38	5	57	0					21	8	71	0	28	7	65	0	35	3	62	0	68	3	29	0	38	5	56	0	37	5	58	0	56	6	39	0	34	5	60	0
Spain, Catalonia	42	4	54	0	5	2	93	0	20	3	77	0	27	4	69	0	42	5	53	0	77	4	19	0	42	4	54	0	42	4	55	0	61	5	34	0	39	4	57	0
Spain, Extremadura	48	6	46	0	25	0	75	0	25	6	69	0	37	7	55	0	54	4	41	0	80	4	16	0	47	6	47	0	50	5	45	0	71	6	23	0	44	6	50	0
Spain, Galicia	44	7	48	0	0	6	94	0	26	5	69	0	31	7	62	0	47	8	45	0	79	8	13	0	45	8	47	0	43	7	50	0	63	10	27	0	40	7	53	0
Spain, Community of Madrid	38	5	57	0	17	5	78	0	23	6	72	0	26	5	68	0	39	6	55	0	68	4	28	0	39	5	56	0	36	5	59	0	56	6	37	0	34	5	61	0
Spain, Region of Murcia	50	5	44	0	0	8	92	0	33	6	61	0	36	6	59	0	53	6	40	0	87	3	10	0	51	6	43	0	50	5	45	0	72	5	23	0	47	5	47	0
Spain, Navarre *	35	5	59	0					15	6	79	0	26	5	69	0	36	2	62	0	65	10	26	0	37	5	57	0	32	5	63	0	53	3	45	0	32	6	62	0
Spain, Valencian region	51	7	42	0	19	10	71	0	28	7	65	0	38	8	54	0	51	7	42	0	84	4	12	0	52	7	41	0	50	6	44	0	70	6	24	0	48	7	45	0
Sweden	33	9	58	0	6	7	88	0	20	7	73	0	24	7	69	0	35	10	55	0	65	15	20	0	34	9	57	0	32	9	60	0	45	11	43	0	30	8	61	0
Switzerland	41	5	54	0	7	8	86	0	26	6	68	0	31	5	64	0	47	5	47	0	73	7	21	0	42	5	53	0	40	5	55	0	55	5	39	0	39	5	56	0
the Netherlands	34	5	61	0	9	5	86	0	17	3	79	0	23	4	73	0	36	6	59	0	69	9	22	0	33	5	62	0	34	5	61	0	55	7	38	0	30	5	65	0
United Kingdom, All countries *	41	6	53	0					23	4	72	0	32	5	63	0	48	7	45	0	77	9	15	0	41	6	53	0	40	6	54	0	58	8	35	0	37	6	57	0
United Kingdom, England *	41	6	53	0					24	4	72	0	32	5	63	0	48	7	45	0	77	9	14	0	42	6	52	0	41	6	54	0	58	8	34	0	38	6	57	0
United Kingdom, Northern Ireland *	37	5	58	0					16	3	80	0	24	4	72	0	49	5	46	0	77	9	14	0	37	5	59	0	37	5	58	0	60	6	34	0	33	5	63	0
United Kingdom, Scotland	39	5	56	0	13	7	80	0	21	4	76	0	32	4	64	0	54	5	41	0	76	6	17	0	39	4	57	0	40	5	56	0	58	7	35	0	35	4	60	0
United Kingdom, Wales *	38	7	55	0					23	6	72	0	27	6	66	0	41	9	51	0	75	8	17	0	38	7	55	0	38	7	55	0	52	8	40	0	35	7	58	0

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; Un: unknown; DM: diabetes mellitus

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

* Patients younger than 20 years of age are not reported

Table B.5.1
Kidney transplant counts and percentages by donor type

	All		Living						Deceased		Donor type Unkn			
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Austria §	413	100	36	8.7	25	6.1	0	0	61	14.8	352	85.2	0	0
Belgium, Dutch-speaking *	267	100	5	1.9	12	4.5	0	0	17	6.4	250	93.6	0	0
Belgium, French-speaking *	190	100	15	7.9	12	6.3	0	0	27	14.2	163	85.8	0	0
Bosnia and Herzegovina	35	100	19	54.3	4	11.4	2	5.7	25	71.4	10	28.6	0	0
Denmark	270	100	70	25.9	46	17.0	0	0	116	43.0	154	57.0	0	0
Estonia	38	100	3	7.9	0	0	0	0	3	7.9	35	92.1	0	0
Finland	245	100	14	5.7	1	0.4	0	0	15	6.1	229	93.5	1	0.4
France	3490	100	547	15.7	0	0	0	0	547	15.7	2939	84.2	4	0.1
Greece	114	100	33	28.9	5	4.4	0	0	38	33.3	76	66.7	0	0
Iceland	7	100	5	71.4	2	28.6	0	0	7	100	0	0	0	0
Norway	254	100	40	15.7	23	9.1	0	0	63	24.8	191	75.2	0	0
Romania	169	100	35	20.7	0	0	3	1.8	38	22.5	102	60.4	29	17.2
Serbia	60	100	16	26.7	0	0	17	28.3	33	55.0	26	43.3	1	1.7
Spain, Andalusia	455	100	36	7.9	24	5.3	0	0	60	13.2	395	86.8	0	0
Spain, Aragon	79	100	2	2.5	1	1.3	0	0	3	3.8	76	96.2	0	0
Spain, Asturias	56	100	3	5.4	0	0	0	0	3	5.4	53	94.6	0	0
Spain, Basque country	160	100	0	0	0	0	26	16.3	26	16.3	134	83.8	0	0
Spain, Cantabria *	55	100	3	5.5	0	0	0	0	3	5.5	52	94.5	0	0
Spain, Castile and León *	124	100	0	0	0	0	0	0	0	0	124	100	0	0
Spain, Castile-La Mancha *	111	100											111	100
Spain, Catalonia	647	100	160	24.7	0	0	0	0	160	24.7	487	75.3	0	0
Spain, Extremadura	55	100	1	1.8	3	5.5	0	0	4	7.3	48	87.3	3	5.5
Spain, Galicia	168	100	22	13.1	16	9.5	0	0	38	22.6	130	77.4	0	0
Spain, Community of Madrid	407	100	23	5.7	6	1.5	0	0	29	7.1	378	92.9	0	0
Spain, Region of Murcia	70	100	2	2.9	2	2.9	0	0	4	5.7	66	94.3	0	0
Spain, Navarre *	50	100	0	0	0	0	6	12.0	6	12.0	44	88.0	0	0
Spain, Valencian region	276	100	19	6.9	5	1.8	1	0.4	25	9.1	248	89.9	3	1.1
Sweden	418	100	80	19.1	51	12.2	0	0	131	31.3	287	68.7	0	0
Switzerland †	303	100	25	8.3	17	5.6	53	17.5	95	31.4	205	67.7	3	1.0
the Netherlands	980	100					515	52.6	515	52.6	464	47.3	1	0.1
United Kingdom, All countries * ¶	2842	100	388	13.7	266	9.4	208	7.3	862	30.3	1924	67.7	56	2.0
United Kingdom, England * ¶	2398	100	331	13.8	227	9.5	140	5.8	698	29.1	1644	68.6	56	2.3
United Kingdom, Northern Ireland *	111	100	38	34.2	22	19.8	1	0.9	61	55.0	50	45.0	0	0
United Kingdom, Scotland	255	100	7	2.7	1	0.4	70	27.5	78	30.6	177	69.4	0	0
United Kingdom, Wales *	85	100	12	14.1	16	18.8	0	0	28	32.9	57	67.1	0	0

Categories may not add up because of rounding off; 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

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

† The transplant activity reflects 94% of the total transplant activity in the country

¶ The transplant activity is underestimated by approximately 7% due to one centre not submitting complete data for 2015

Table B.5.2
Kidney transplants per million population by donor type, unadjusted

	All	Living			Deceased	Donor type Unkn	
	Pmp	Related	Unrelated	Type Unkn	All	Pmp	
		Pmp	Pmp	Pmp	Pmp		
Austria §	43.8	4.0	2.9	0	6.9	36.9	0
Belgium, Dutch-speaking *	41.3	0.8	1.9	0	2.6	38.6	0
Belgium, French-speaking *	39.6	3.1	2.5	0	5.6	33.9	0
Bosnia and Herzegovina	9.9	5.4	1.1	0.6	7.1	2.8	0
Denmark	47.0	12.2	8.0	0	20.2	26.8	0
Estonia	28.9	2.3	0	0	2.3	26.6	0
Finland	44.7	2.6	0.2	0	2.7	41.8	0.2
France	52.4	8.2	0	0	8.2	44.1	0.1
Greece	10.5	3.0	0.5	0	3.5	7.0	0
Iceland	21.2	15.1	6.0	0	21.2	0	0
Norway	49.0	7.7	4.4	0	12.1	36.8	0
Romania	8.6	1.8	0	0.2	1.9	5.2	1.5
Serbia	8.5	2.3	0	2.4	4.7	3.7	0.1
Spain, Andalusia	54.2	4.3	2.9	0	7.1	47.0	0
Spain, Aragon	59.7	1.5	0.8	0	2.3	57.5	0
Spain, Asturias	53.3	2.9	0	0	2.9	50.5	0
Spain, Basque country	73.9	0	0	12.0	12.0	61.9	0
Spain, Cantabria *	94.2	5.1	0	0	5.1	89.0	0
Spain, Castile and León *	50.3	0	0	0	0	50.3	0
Spain, Castile-La Mancha *	54.0						54.0
Spain, Catalonia	86.2	21.3	0	0	21.3	64.9	0
Spain, Extremadura	50.3	0.9	2.7	0	3.7	43.9	2.7
Spain, Galicia	61.6	8.1	5.9	0	13.9	47.7	0
Spain, Community of Madrid	63.2	3.6	0.9	0	4.5	58.7	0
Spain, Region of Murcia	47.7	1.4	1.4	0	2.7	45.0	0
Spain, Navarre *	78.5	0	0	9.4	9.4	69.1	0
Spain, Valencian region	55.4	3.8	1.0	0.2	5.0	49.8	0.6
Sweden	42.7	8.2	5.2	0	13.4	29.3	0
Switzerland †	36.6	3.0	2.1	6.4	11.5	24.8	0.4
the Netherlands	57.9			30.4	30.4	27.4	0.1
United Kingdom, All countries * ¶	43.6	6.0	4.1	3.2	13.2	29.5	0.9
United Kingdom, England * ¶	43.8	6.0	4.1	2.6	12.7	30.0	1.0
United Kingdom, Northern Ireland *	59.9	20.5	11.9	0.5	32.9	27.0	0
United Kingdom, Scotland	47.5	1.3	0.2	13.0	14.5	32.9	0
United Kingdom, Wales *	27.4	3.9	5.2	0	9.0	18.4	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 B.5.1 as non-residents are excluded for this analysis

* Patients younger than 20 years of age are not reported

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

† The transplant activity reflects 94% of the total transplant activity in the country

¶ The transplant activity is underestimated by approximately 7% due to one centre not submitting complete data for 2015

Table B.6.1
Incident RRT patients, from day 1, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)						
	cohort 2006 - 2010				cohort 2009 - 2013		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.2 (98.7-99.6)	97.1 (96.2-97.8)	96.1 (95.1-97.0)	94.4 (93.2-95.4)	99.3 (98.8-99.6)	97.7 (96.9-98.4)	96.4 (95.4-97.2)
20-44	99.1 (99.0-99.2)	96.9 (96.7-97.2)	94.4 (94.1-94.7)	89.0 (88.5-89.4)	99.2 (99.1-99.3)	97.2 (97.0-97.5)	94.9 (94.6-95.2)
45-64	96.9 (96.8-97.1)	90.5 (90.3-90.7)	83.7 (83.4-84.0)	67.2 (66.9-67.5)	97.3 (97.2-97.4)	91.3 (91.1-91.5)	85.2 (85.0-85.5)
65-74	93.7 (93.5-94.0)	81.5 (81.2-81.8)	69.6 (69.3-69.9)	42.3 (42.1-42.5)	94.4 (94.2-94.6)	83.5 (83.2-83.8)	72.4 (72.1-72.7)
75+	89.7 (89.4-89.9)	72.0 (71.7-72.3)	55.7 (55.5-56.0)	23.4 (23.3-23.5)	90.5 (90.3-90.7)	73.8 (73.6-74.1)	58.1 (57.9-58.4)
Men	94.2 (94.1-94.4)	83.2 (83.0-83.4)	72.5 (72.3-72.7)	49.3 (49.2-49.5)	94.6 (94.4-94.7)	84.3 (84.1-84.5)	74.1 (73.9-74.3)
Women	93.9 (93.8-94.1)	83.3 (83.0-83.5)	73.1 (72.8-73.3)	51.2 (51.0-51.4)	94.6 (94.4-94.8)	84.5 (84.2-84.7)	74.9 (74.6-75.1)
Diabetes	94.9 (94.7-95.1)	83.6 (83.3-84.0)	71.0 (70.6-71.3)	42.6 (42.4-42.9)	95.4 (95.2-95.6)	85.1 (84.8-85.4)	73.5 (73.2-73.8)
Hypertension / renal vascular disease	94.1 (93.8-94.3)	81.6 (81.3-82.0)	68.6 (68.2-69.0)	40.4 (40.2-40.7)	94.2 (94.0-94.5)	82.8 (82.4-83.1)	70.2 (69.8-70.5)
Glomerulonephritis	97.4 (97.1-97.6)	92.0 (91.6-92.4)	86.3 (85.9-86.8)	71.9 (71.4-72.3)	97.3 (97.1-97.6)	92.2 (91.8-92.5)	86.8 (86.4-87.2)
Other causes	93.3 (93.1-93.5)	82.2 (81.9-82.4)	72.7 (72.4-72.9)	52.8 (52.6-53.0)	93.9 (93.8-94.1)	83.2 (82.9-83.4)	73.9 (73.6-74.1)
All	94.1 (94.0-94.2)	83.2 (83.1-83.4)	72.7 (72.6-72.9)	50.0 (49.9-50.1)	94.6 (94.5-94.7)	84.4 (84.2-84.5)	74.3 (74.2-74.5)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.2
Incident RRT patients, from day 1, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)						
	cohort 2006 - 2010				cohort 2009 - 2013		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.1 (98.6-99.6)	96.9 (95.9-97.8)	95.9 (94.8-96.9)	94.0 (92.8-95.2)	99.3 (98.9-99.7)	97.8 (97.0-98.5)	96.4 (95.4-97.4)
20-44	99.1 (99.0-99.2)	96.9 (96.6-97.1)	94.3 (93.9-94.6)	88.5 (88.1-89.0)	99.2 (99.1-99.3)	97.2 (97.0-97.5)	94.7 (94.4-95.1)
45-64	97.1 (96.9-97.2)	90.8 (90.6-91.1)	84.1 (83.8-84.5)	67.5 (67.1-68.0)	97.4 (97.3-97.6)	91.5 (91.3-91.8)	85.5 (85.2-85.8)
65-74	94.1 (93.9-94.4)	82.5 (82.1-82.9)	70.8 (70.4-71.3)	43.5 (43.0-44.0)	94.7 (94.5-94.9)	84.2 (83.8-84.5)	73.2 (72.8-73.7)
75+	89.9 (89.7-90.2)	72.7 (72.3-73.1)	56.5 (56.1-57.0)	23.8 (23.4-24.2)	90.7 (90.5-91.0)	74.4 (74.0-74.8)	58.8 (58.4-59.3)
Men	95.3 (95.2-95.4)	85.7 (85.5-86.0)	75.6 (75.3-75.9)	49.8 (49.4-50.1)	95.6 (95.5-95.7)	86.7 (86.5-86.9)	77.2 (76.9-77.4)
Women	95.2 (95.1-95.4)	86.3 (86.0-86.5)	76.9 (76.6-77.3)	53.3 (52.8-53.7)	95.7 (95.5-95.8)	87.2 (86.9-87.5)	78.4 (78.1-78.7)
Diabetes	95.4 (95.2-95.6)	85.0 (84.6-85.3)	72.6 (72.2-73.1)	42.1 (41.6-42.7)	95.9 (95.7-96.1)	86.6 (86.3-86.9)	75.5 (75.1-76.0)
Hypertension / renal vascular disease	96.2 (96.1-96.4)	88.0 (87.7-88.3)	78.4 (77.9-78.8)	52.6 (52.0-53.2)	96.3 (96.2-96.5)	88.7 (88.4-89.0)	79.5 (79.1-79.9)
Glomerulonephritis	96.8 (96.6-97.1)	90.3 (89.9-90.8)	83.1 (82.5-83.8)	63.4 (62.6-64.3)	96.9 (96.6-97.1)	90.6 (90.2-91.1)	83.9 (83.3-84.5)
Other causes	94.1 (94.0-94.3)	83.9 (83.6-84.2)	74.5 (74.1-74.8)	51.7 (51.3-52.1)	94.7 (94.6-94.9)	85.0 (84.7-85.2)	75.9 (75.6-76.2)
All	95.3 (95.2-95.4)	85.9 (85.8-86.1)	76.1 (75.9-76.3)	51.1 (50.8-51.4)	95.6 (95.5-95.7)	86.9 (86.7-87.1)	77.6 (77.4-77.9)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.3
Incident RRT patients, from day 91, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	97.6 (96.7-98.2)	96.7 (95.7-97.4)	95.1 (93.9-96.0)	98.0 (97.1-98.6)	97.0 (96.0-97.7)
20-44	97.2 (97.0-97.5)	94.7 (94.4-95.0)	89.3 (88.8-89.7)	97.4 (97.2-97.6)	95.2 (94.9-95.5)
45-64	91.5 (91.3-91.8)	84.9 (84.6-85.1)	67.9 (67.6-68.2)	92.3 (92.1-92.5)	86.1 (85.8-86.3)
65-74	83.7 (83.3-84.0)	71.5 (71.1-71.8)	42.9 (42.7-43.1)	85.6 (85.3-85.9)	73.9 (73.5-74.2)
75+	75.7 (75.4-76.0)	58.2 (57.9-58.5)	23.9 (23.8-24.0)	77.3 (77.0-77.6)	60.3 (60.0-60.5)
Men	85.4 (85.2-85.6)	74.5 (74.3-74.8)	50.6 (50.4-50.7)	86.4 (86.3-86.6)	75.8 (75.6-76.0)
Women	85.9 (85.6-86.2)	75.5 (75.2-75.7)	52.8 (52.5-53.0)	86.9 (86.6-87.1)	76.8 (76.5-77.1)
Diabetes	84.7 (84.3-85.0)	71.8 (71.5-72.2)	42.7 (42.4-42.9)	86.1 (85.8-86.4)	74.0 (73.7-74.4)
Hypertension / renal vascular disease	83.3 (82.9-83.6)	69.8 (69.4-70.2)	40.9 (40.6-41.1)	84.6 (84.2-84.9)	71.5 (71.1-71.9)
Glomerulonephritis	93.1 (92.7-93.5)	87.2 (86.8-87.7)	72.6 (72.1-73.1)	93.4 (93.0-93.7)	87.6 (87.2-88.0)
Other causes	85.5 (85.2-85.7)	75.8 (75.5-76.0)	55.1 (54.8-55.3)	86.1 (85.9-86.4)	76.4 (76.2-76.7)
All	85.6 (85.4-85.7)	74.9 (74.7-75.1)	51.4 (51.2-51.5)	86.6 (86.4-86.7)	76.1 (76.0-76.3)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.4
Incident RRT patients, from day 91, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	97.4 (96.5-98.2)	96.4 (95.4-97.3)	94.6 (93.5-95.8)	98.0 (97.2-98.7)	96.9 (96.0-97.8)
20-44	97.1 (96.9-97.4)	94.5 (94.2-94.9)	88.9 (88.4-89.4)	97.3 (97.1-97.6)	95.0 (94.7-95.4)
45-64	91.8 (91.5-92.0)	85.2 (84.9-85.5)	68.4 (68.0-68.9)	92.4 (92.2-92.6)	86.3 (86.0-86.6)
65-74	84.4 (84.0-84.8)	72.6 (72.1-73.1)	44.6 (44.1-45.1)	86.0 (85.7-86.4)	74.8 (74.4-75.3)
75+	76.2 (75.8-76.6)	58.9 (58.4-59.4)	24.7 (24.3-25.2)	77.7 (77.4-78.1)	61.1 (60.7-61.6)
Men	87.3 (87.1-87.5)	76.9 (76.6-77.2)	50.6 (50.3-51.0)	88.3 (88.1-88.5)	78.4 (78.1-78.7)
Women	88.2 (87.9-88.5)	78.6 (78.2-78.9)	54.4 (53.9-54.8)	88.9 (88.6-89.2)	79.8 (79.4-80.1)
Diabetes	85.7 (85.3-86.1)	73.1 (72.7-73.6)	42.1 (41.5-42.6)	87.3 (87.0-87.7)	75.9 (75.5-76.4)
Hypertension / renal vascular disease	88.9 (88.6-89.3)	79.0 (78.6-79.5)	52.9 (52.3-53.5)	89.8 (89.5-90.1)	80.3 (79.9-80.8)
Glomerulonephritis	91.5 (91.0-92.0)	83.9 (83.3-84.6)	64.1 (63.3-65.0)	91.9 (91.4-92.3)	84.7 (84.1-85.3)
Other causes	86.6 (86.3-86.9)	76.9 (76.5-77.2)	53.4 (53.0-53.8)	87.3 (87.1-87.6)	77.9 (77.6-78.3)
All	87.6 (87.5-87.8)	77.5 (77.3-77.8)	52.0 (51.7-52.3)	88.5 (88.4-88.7)	78.9 (78.7-79.2)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.5
Incident dialysis patients, from day 1, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)						
	cohort 2006 - 2010				cohort 2009 - 2013		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.0 (98.2-99.4)	96.1 (94.7-97.1)	94.1 (92.3-95.6)	88.8 (85.5-91.4)	99.2 (98.5-99.6)	97.1 (95.8-98.0)	94.0 (92.0-95.5)
20-44	99.0 (98.9-99.2)	96.4 (96.0-96.6)	92.7 (92.3-93.1)	82.2 (81.5-82.9)	99.1 (99.0-99.3)	96.7 (96.4-97.0)	93.2 (92.8-93.6)
45-64	96.8 (96.6-97.0)	89.8 (89.5-90.0)	81.7 (81.4-82.1)	59.0 (58.7-59.3)	97.2 (97.0-97.3)	90.5 (90.2-90.7)	83.1 (82.8-83.4)
65-74	93.6 (93.4-93.9)	81.1 (80.8-81.4)	68.8 (68.4-69.1)	39.5 (39.3-39.7)	94.2 (94.0-94.5)	83.0 (82.6-83.3)	71.3 (70.9-71.6)
75+	89.6 (89.3-89.8)	71.9 (71.6-72.2)	55.6 (55.3-55.8)	23.1 (23.0-23.2)	90.4 (90.2-90.7)	73.7 (73.5-74.0)	57.9 (57.7-58.2)
Men	94.0 (93.8-94.1)	82.2 (82.0-82.4)	70.2 (70.0-70.4)	41.0 (40.9-41.2)	94.3 (94.2-94.5)	83.3 (83.1-83.5)	71.6 (71.4-71.8)
Women	93.7 (93.5-93.9)	82.2 (81.9-82.5)	70.7 (70.4-71.0)	43.1 (42.9-43.3)	94.3 (94.1-94.5)	83.3 (83.1-83.6)	72.3 (72.0-72.6)
Diabetes	94.8 (94.5-95.0)	83.1 (82.7-83.4)	69.6 (69.3-70.0)	37.4 (37.2-37.6)	95.3 (95.1-95.5)	84.7 (84.3-85.0)	72.3 (71.9-72.6)
Hypertension / renal vascular disease	93.9 (93.7-94.2)	81.2 (80.8-81.6)	67.5 (67.1-67.9)	36.1 (35.8-36.3)	94.1 (93.9-94.4)	82.3 (81.9-82.7)	69.0 (68.6-69.3)
Glomerulonephritis	97.2 (96.9-97.4)	91.1 (90.7-91.5)	83.9 (83.3-84.4)	61.4 (60.8-61.9)	97.1 (96.9-97.4)	91.2 (90.7-91.6)	84.2 (83.7-84.7)
Other causes	93.0 (92.8-93.1)	80.9 (80.6-81.1)	69.9 (69.6-70.1)	43.7 (43.5-43.9)	93.5 (93.4-93.7)	81.7 (81.5-81.9)	70.8 (70.5-71.0)
All	93.9 (93.7-94.0)	82.2 (82.1-82.4)	70.4 (70.2-70.6)	41.8 (41.7-41.9)	94.3 (94.2-94.4)	83.3 (83.1-83.4)	71.9 (71.7-72.0)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.6
Incident dialysis patients, from day 1, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)						
	cohort 2006 - 2010				cohort 2009 - 2013		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	98.8 (98.2-99.5)	95.8 (94.4-97.2)	93.8 (91.9-95.7)	86.7 (82.5-91.2)	99.1 (98.5-99.7)	97.0 (95.8-98.1)	93.9 (91.9-95.8)
20-44	99.0 (98.9-99.2)	96.4 (96.0-96.7)	92.6 (92.1-93.1)	80.9 (80.0-81.8)	99.1 (99.0-99.3)	96.7 (96.4-97.0)	93.1 (92.7-93.6)
45-64	96.9 (96.8-97.1)	90.1 (89.9-90.4)	82.3 (81.9-82.7)	58.7 (58.1-59.2)	97.3 (97.1-97.4)	90.8 (90.5-91.0)	83.5 (83.1-83.9)
65-74	94.0 (93.7-94.2)	82.0 (81.6-82.4)	69.9 (69.4-70.4)	40.1 (39.6-40.6)	94.5 (94.3-94.8)	83.6 (83.2-84.0)	72.1 (71.6-72.5)
75+	89.8 (89.5-90.1)	72.4 (72.0-72.8)	56.2 (55.7-56.6)	23.4 (23.0-23.8)	90.6 (90.4-90.9)	74.2 (73.8-74.6)	58.5 (58.0-58.9)
Men	94.8 (94.6-94.9)	84.2 (84.0-84.5)	73.0 (72.7-73.3)	43.7 (43.3-44.1)	95.2 (95.1-95.3)	85.5 (85.3-85.7)	74.9 (74.7-75.2)
Women	94.7 (94.5-94.8)	84.7 (84.4-85.0)	74.3 (73.9-74.7)	47.3 (46.8-47.8)	95.3 (95.1-95.4)	85.9 (85.7-86.2)	76.2 (75.8-76.5)
Diabetes	95.1 (94.9-95.3)	83.9 (83.6-84.3)	70.9 (70.4-71.4)	38.0 (37.4-38.6)	95.7 (95.5-95.9)	85.8 (85.5-86.2)	74.1 (73.7-74.6)
Hypertension / renal vascular disease	95.7 (95.5-95.9)	86.3 (85.9-86.6)	75.5 (75.0-75.9)	46.7 (46.1-47.3)	95.9 (95.7-96.1)	87.4 (87.1-87.7)	77.2 (76.8-77.6)
Glomerulonephritis	96.7 (96.4-97.0)	89.7 (89.2-90.2)	81.5 (80.8-82.2)	56.3 (55.3-57.4)	96.7 (96.4-97.0)	89.9 (89.4-90.4)	82.1 (81.5-82.8)
Other causes	93.5 (93.3-93.7)	82.3 (82.0-82.6)	71.8 (71.4-72.1)	45.4 (44.9-45.8)	94.2 (94.1-94.4)	83.6 (83.3-83.8)	73.4 (73.1-73.8)
All	94.7 (94.6-94.8)	84.4 (84.2-84.6)	73.5 (73.3-73.7)	45.0 (44.7-45.4)	95.2 (95.1-95.3)	85.7 (85.5-85.9)	75.4 (75.2-75.6)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.7
Incident dialysis patients, from day 91, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	96.6 (95.2-97.6)	94.1 (92.0-95.6)	89.3 (85.8-92.0)	97.0 (95.6-98.0)	94.5 (92.3-96.0)
20-44	96.5 (96.2-96.8)	92.8 (92.3-93.2)	81.8 (81.1-82.5)	96.7 (96.4-97.0)	93.3 (92.8-93.7)
45-64	90.6 (90.3-90.9)	82.5 (82.2-82.8)	58.8 (58.5-59.2)	91.3 (91.0-91.5)	83.6 (83.3-83.9)
65-74	83.3 (82.9-83.6)	70.5 (70.2-70.9)	39.7 (39.5-39.9)	85.0 (84.7-85.3)	72.6 (72.2-72.9)
75+	75.6 (75.3-75.9)	58.0 (57.8-58.3)	23.7 (23.6-23.8)	77.2 (76.9-77.5)	60.0 (59.8-60.3)
Men	84.3 (84.0-84.5)	71.7 (71.5-72.0)	41.2 (41.1-41.4)	85.3 (85.1-85.5)	72.9 (72.7-73.1)
Women	84.8 (84.5-85.0)	72.7 (72.4-73.0)	43.8 (43.6-44.0)	85.6 (85.3-85.9)	73.9 (73.6-74.1)
Diabetes	84.0 (83.7-84.4)	70.2 (69.8-70.6)	36.8 (36.6-37.0)	85.6 (85.3-85.9)	72.5 (72.1-72.9)
Hypertension / renal vascular disease	82.7 (82.3-83.1)	68.5 (68.1-68.9)	36.0 (35.7-36.2)	84.0 (83.7-84.4)	70.0 (69.7-70.4)
Glomerulonephritis	92.0 (91.6-92.4)	84.3 (83.7-84.8)	60.9 (60.3-61.5)	92.2 (91.8-92.6)	84.5 (83.9-85.0)
Other causes	84.0 (83.8-84.3)	72.5 (72.2-72.8)	44.8 (44.6-45.1)	84.6 (84.3-84.8)	72.9 (72.6-73.2)
All	84.4 (84.3-84.6)	72.1 (71.9-72.3)	42.2 (42.1-42.3)	85.4 (85.2-85.5)	73.2 (73.1-73.4)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.8
Incident dialysis patients, from day 91, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	96.5 (95.2-97.8)	93.5 (91.3-95.7)	86.4 (81.6-91.4)	96.9 (95.6-98.2)	94.3 (92.3-96.3)
20-44	96.5 (96.1-96.8)	92.6 (92.1-93.1)	80.5 (79.5-81.4)	96.6 (96.3-97.0)	93.2 (92.7-93.6)
45-64	91.0 (90.7-91.3)	83.0 (82.6-83.4)	58.7 (58.1-59.3)	91.5 (91.2-91.8)	84.0 (83.6-84.4)
65-74	83.9 (83.5-84.3)	71.5 (71.0-72.0)	40.8 (40.2-41.3)	85.4 (85.1-85.8)	73.5 (73.0-73.9)
75+	76.0 (75.5-76.4)	58.5 (58.1-59.0)	24.2 (23.8-24.7)	77.5 (77.1-77.9)	60.7 (60.3-61.2)
Men	85.8 (85.6-86.1)	74.2 (73.9-74.5)	43.9 (43.5-44.3)	87.0 (86.8-87.2)	76.0 (75.7-76.3)
Women	86.7 (86.4-87.0)	75.8 (75.4-76.2)	47.9 (47.4-48.4)	87.6 (87.3-87.9)	77.4 (77.0-77.7)
Diabetes	84.7 (84.3-85.1)	71.2 (70.7-71.7)	37.6 (37.0-38.2)	86.5 (86.2-86.9)	74.3 (73.8-74.8)
Hypertension / renal vascular disease	87.2 (86.8-87.6)	75.9 (75.4-76.4)	46.5 (45.8-47.1)	88.5 (88.1-88.8)	77.8 (77.4-78.3)
Glomerulonephritis	90.7 (90.2-91.3)	82.0 (81.3-82.7)	56.3 (55.2-57.3)	91.0 (90.5-91.5)	82.6 (81.9-83.3)
Other causes	85.0 (84.7-85.3)	74.0 (73.7-74.4)	46.4 (46.0-46.9)	85.9 (85.6-86.2)	75.3 (74.9-75.6)
All	86.2 (86.0-86.3)	74.8 (74.5-75.0)	45.4 (45.1-45.7)	87.3 (87.1-87.4)	76.5 (76.2-76.7)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.9
First transplant patients (deceased donor), from day of transplant, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	99.2 (98.2-99.6)	99.0 (98.0-99.5)	97.6 (96.3-98.5)	98.4 (97.1-99.1)	97.9 (96.6-98.7)
20-44	98.4 (98.1-98.7)	97.7 (97.3-98.0)	95.3 (94.9-95.8)	98.7 (98.4-98.9)	98.1 (97.7-98.3)
45-64	96.5 (96.2-96.8)	94.6 (94.2-95.0)	88.1 (87.6-88.6)	96.8 (96.5-97.0)	94.8 (94.5-95.1)
65+	91.0 (90.2-91.7)	87.4 (86.5-88.2)	74.1 (73.1-75.0)	92.5 (91.9-93.0)	88.5 (87.8-89.1)
Men	95.9 (95.6-96.2)	93.9 (93.5-94.2)	86.9 (86.4-87.3)	96.2 (95.9-96.4)	93.9 (93.6-94.2)
Women	96.6 (96.2-96.9)	95.1 (94.7-95.5)	89.7 (89.2-90.3)	96.5 (96.2-96.8)	94.9 (94.6-95.3)
Diabetes	94.6 (93.9-95.2)	92.1 (91.3-92.8)	83.1 (82.1-84.0)	94.6 (94.0-95.1)	91.6 (90.8-92.2)
Hypertension / renal vascular disease	93.7 (92.7-94.5)	90.8 (89.8-91.8)	81.8 (80.6-83.0)	94.7 (94.0-95.3)	91.7 (90.9-92.5)
Glomerulonephritis	97.2 (96.7-97.6)	96.0 (95.5-96.5)	91.1 (90.4-91.8)	97.6 (97.2-98.0)	96.2 (95.7-96.6)
Other causes	96.7 (96.4-97.0)	95.1 (94.7-95.4)	89.5 (89.0-89.9)	96.8 (96.5-97.0)	95.0 (94.7-95.3)
All	96.1 (95.9-96.4)	94.3 (94.1-94.6)	88.0 (87.6-88.3)	96.3 (96.1-96.5)	94.3 (94.0-94.5)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.10
First transplant patients (deceased donor), from day of transplant, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	99.1 (98.4-99.8)	98.9 (98.2-99.7)	97.4 (96.2-98.6)	98.5 (97.6-99.4)	98.0 (97.0-99.1)
20-44	98.5 (98.2-98.7)	97.8 (97.4-98.1)	95.6 (95.1-96.1)	98.8 (98.5-99.0)	98.1 (97.8-98.4)
45-64	96.7 (96.4-97.0)	94.9 (94.5-95.2)	88.6 (88.1-89.2)	96.9 (96.7-97.2)	95.1 (94.8-95.4)
65+	91.6 (90.9-92.4)	88.2 (87.2-89.1)	75.5 (74.3-76.8)	93.2 (92.6-93.7)	89.4 (88.7-90.1)
Men	97.3 (97.1-97.6)	96.0 (95.7-96.3)	91.1 (90.7-91.6)	97.8 (97.6-98.0)	96.4 (96.1-96.6)
Women	97.6 (97.4-97.9)	96.6 (96.2-96.9)	92.6 (92.2-93.1)	97.8 (97.6-98.1)	96.8 (96.5-97.1)
Diabetes	96.1 (95.6-96.6)	94.3 (93.6-94.9)	87.3 (86.4-88.2)	96.6 (96.2-97.0)	94.6 (94.1-95.2)
Hypertension / renal vascular disease	96.7 (96.2-97.2)	95.2 (94.6-95.8)	90.1 (89.2-91.0)	97.4 (97.1-97.8)	95.9 (95.4-96.4)
Glomerulonephritis	98.0 (97.6-98.3)	97.1 (96.7-97.5)	93.4 (92.8-94.0)	98.4 (98.1-98.6)	97.4 (97.1-97.7)
Other causes	97.6 (97.4-97.9)	96.4 (96.1-96.7)	92.1 (91.7-92.5)	97.9 (97.7-98.1)	96.7 (96.4-96.9)
All	97.5 (97.3-97.6)	96.2 (96.0-96.4)	91.7 (91.3-92.1)	97.8 (97.7-98.0)	96.5 (96.3-96.7)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.11
First transplant patients (living donor), from day of transplant, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	99.6 (98.2-99.9)	99.6 (98.2-99.9)	99.3 (97.9-99.8)	99.8 (98.5-100.0)	99.8 (98.5-100.0)
20-44	99.4 (99.1-99.6)	99.2 (98.8-99.4)	97.6 (97.1-98.1)	99.7 (99.5-99.9)	99.4 (99.1-99.6)
45-64	98.1 (97.6-98.5)	97.0 (96.4-97.5)	92.6 (91.8-93.4)	98.5 (98.1-98.8)	97.4 (97.0-97.8)
65+	95.6 (93.9-96.8)	92.4 (90.4-94.1)	80.0 (77.5-82.3)	96.9 (95.7-97.8)	93.6 (92.0-94.8)
Men	98.5 (98.1-98.8)	97.7 (97.2-98.0)	93.9 (93.3-94.5)	98.8 (98.6-99.1)	97.9 (97.6-98.3)
Women	98.7 (98.2-99.0)	97.7 (97.2-98.2)	94.4 (93.6-95.1)	99.0 (98.6-99.3)	97.9 (97.4-98.3)
Diabetes	96.4 (94.7-97.5)	94.0 (92.1-95.5)	85.4 (82.9-87.5)	97.2 (95.9-98.1)	95.5 (94.0-96.7)
Hypertension / renal vascular disease	96.9 (95.4-98.0)	95.9 (94.1-97.1)	89.6 (87.3-91.5)	97.9 (96.7-98.6)	96.4 (94.9-97.4)
Glomerulonephritis	99.2 (98.7-99.5)	98.7 (98.2-99.1)	96.6 (95.8-97.3)	99.3 (98.9-99.5)	98.6 (98.1-99.0)
Other causes	98.9 (98.6-99.2)	98.2 (97.8-98.5)	95.0 (94.4-95.6)	99.1 (98.9-99.3)	98.2 (97.9-98.5)
All	98.6 (98.3-98.8)	97.7 (97.4-98.0)	94.1 (93.6-94.6)	98.9 (98.7-99.1)	97.9 (97.6-98.2)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.12
First transplant patients (living donor), from day of transplant, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	99.5 (98.7-100.0)	99.5 (98.7-100.0)	99.2 (98.3-100.0)	99.8 (99.3-100.0)	99.8 (99.3-100.0)
20-44	99.4 (99.1-99.7)	99.1 (98.8-99.4)	97.5 (97.0-98.0)	99.7 (99.6-99.9)	99.3 (99.1-99.6)
45-64	98.3 (97.9-98.7)	97.2 (96.7-97.7)	92.9 (92.0-93.7)	98.6 (98.3-98.9)	97.5 (97.1-98.0)
65+	96.2 (94.8-97.6)	93.6 (91.8-95.4)	82.1 (79.3-85.0)	96.9 (95.8-97.9)	93.8 (92.4-95.3)
Men	98.8 (98.5-99.0)	98.1 (97.7-98.4)	94.6 (93.9-95.2)	99.1 (98.8-99.3)	98.4 (98.0-98.7)
Women	98.7 (98.3-99.1)	97.8 (97.2-98.3)	94.4 (93.5-95.2)	99.1 (98.8-99.4)	98.0 (97.6-98.5)
Diabetes	97.3 (96.2-98.3)	95.5 (94.1-96.9)	88.6 (86.5-90.8)	98.1 (97.3-98.9)	96.9 (95.9-97.9)
Hypertension / renal vascular disease	98.1 (97.2-98.9)	97.4 (96.4-98.4)	93.1 (91.5-94.8)	98.7 (98.1-99.3)	97.8 (97.0-98.6)
Glomerulonephritis	99.1 (98.7-99.5)	98.6 (98.1-99.1)	96.3 (95.4-97.1)	99.2 (98.9-99.6)	98.5 (98.1-99.0)
Other causes	98.9 (98.6-99.2)	98.2 (97.8-98.6)	94.9 (94.2-95.6)	99.2 (99.0-99.4)	98.4 (98.0-98.7)
All	98.7 (98.5-99.0)	98.0 (97.7-98.3)	94.5 (94.0-95.0)	99.1 (98.9-99.2)	98.2 (98.0-98.5)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.13
First graft (deceased donor), from day of transplant, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	92.7 (90.7-94.3)	90.0 (87.9-91.8)	82.9 (80.5-85.0)	91.8 (89.7-93.4)	89.3 (87.1-91.1)
20-44	93.8 (93.2-94.3)	91.8 (91.2-92.4)	84.8 (84.1-85.5)	94.3 (93.8-94.8)	92.3 (91.8-92.9)
45-64	91.3 (90.8-91.7)	88.6 (88.1-89.1)	79.9 (79.4-80.4)	91.7 (91.3-92.1)	88.9 (88.5-89.3)
65+	84.7 (83.8-85.6)	80.6 (79.6-81.5)	65.9 (65.0-66.8)	86.0 (85.3-86.6)	81.3 (80.5-82.0)
Men	90.9 (90.5-91.3)	88.1 (87.6-88.5)	78.5 (78.0-79.0)	91.0 (90.6-91.3)	87.7 (87.3-88.1)
Women	90.8 (90.2-91.3)	88.3 (87.7-88.8)	79.7 (79.0-80.3)	91.2 (90.7-91.7)	88.7 (88.2-89.2)
Diabetes	90.2 (89.3-91.0)	86.9 (85.9-87.7)	75.6 (74.6-76.6)	89.7 (89.0-90.4)	85.8 (85.0-86.6)
Hypertension / renal vascular disease	88.2 (87.1-89.2)	84.9 (83.7-86.0)	72.1 (70.8-73.3)	88.7 (87.7-89.5)	84.9 (83.9-85.8)
Glomerulonephritis	91.3 (90.6-92.0)	88.9 (88.2-89.6)	80.7 (79.8-81.5)	91.9 (91.3-92.5)	89.2 (88.6-89.9)
Other causes	91.4 (91.0-91.9)	88.9 (88.4-89.4)	80.6 (80.1-81.2)	91.7 (91.3-92.1)	89.1 (88.6-89.5)
All	90.9 (90.5-91.2)	88.1 (87.8-88.5)	78.9 (78.5-79.3)	91.1 (90.8-91.3)	88.1 (87.7-88.4)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.14
First graft (deceased donor), from day of transplant, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	92.2 (90.2-94.2)	89.4 (87.1-91.7)	81.7 (78.8-84.7)	91.5 (89.4-93.6)	88.8 (86.4-91.2)
20-44	93.8 (93.3-94.4)	91.9 (91.3-92.6)	85.1 (84.3-85.9)	94.3 (93.8-94.9)	92.4 (91.8-93.0)
45-64	91.4 (90.9-91.9)	88.8 (88.3-89.3)	80.2 (79.5-80.8)	91.8 (91.4-92.3)	89.1 (88.6-89.6)
65+	85.3 (84.3-86.3)	81.2 (80.0-82.3)	66.9 (65.5-68.3)	86.6 (85.8-87.4)	82.0 (81.1-82.9)
Men	91.9 (91.5-92.3)	89.4 (88.9-89.8)	80.5 (79.9-81.2)	92.4 (92.1-92.8)	89.6 (89.2-90.1)
Women	91.5 (90.9-92.0)	89.1 (88.5-89.7)	81.0 (80.2-81.8)	92.3 (91.8-92.8)	90.0 (89.5-90.5)
Diabetes	90.9 (90.0-91.7)	87.8 (86.8-88.8)	77.0 (75.7-78.3)	91.2 (90.5-91.9)	87.7 (86.9-88.6)
Hypertension / renal vascular disease	90.6 (89.6-91.6)	87.8 (86.6-88.9)	77.0 (75.5-78.5)	91.4 (90.6-92.2)	88.3 (87.4-89.3)
Glomerulonephritis	91.8 (91.2-92.6)	89.5 (88.8-90.3)	81.7 (80.7-82.7)	92.8 (92.2-93.4)	90.3 (89.6-91.0)
Other causes	92.0 (91.5-92.5)	89.6 (89.1-90.1)	81.7 (81.0-82.4)	92.6 (92.2-93.0)	90.2 (89.8-90.7)
All	91.8 (91.4-92.1)	89.3 (88.9-89.7)	80.7 (80.2-81.2)	92.4 (92.1-92.7)	89.8 (89.4-90.1)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.15
First graft (living donor), from day of transplant, unadjusted
by age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	97.1 (95.1-98.3)	96.2 (94.1-97.6)	89.4 (86.6-91.7)	96.8 (94.8-98.0)	96.4 (94.3-97.7)
20-44	96.4 (95.8-96.9)	94.7 (94.0-95.4)	89.0 (88.0-89.8)	97.3 (96.8-97.8)	95.8 (95.2-96.4)
45-64	95.8 (95.2-96.4)	94.1 (93.3-94.8)	87.8 (86.8-88.7)	96.1 (95.5-96.6)	94.2 (93.5-94.8)
65+	92.6 (90.6-94.2)	89.2 (86.9-91.0)	75.3 (72.8-77.6)	95.2 (93.8-96.3)	91.5 (89.8-92.9)
Men	95.9 (95.3-96.3)	94.3 (93.7-94.9)	87.5 (86.6-88.2)	96.6 (96.1-97.0)	95.0 (94.5-95.5)
Women	95.9 (95.2-96.5)	93.7 (92.8-94.4)	87.2 (86.1-88.2)	96.4 (95.8-96.9)	94.1 (93.3-94.7)
Diabetes	93.6 (91.6-95.1)	90.7 (88.5-92.5)	79.3 (76.7-81.5)	94.9 (93.3-96.2)	92.4 (90.6-93.9)
Hypertension / renal vascular disease	93.9 (91.9-95.4)	91.4 (89.3-93.2)	82.1 (79.5-84.3)	95.4 (93.9-96.6)	93.2 (91.4-94.6)
Glomerulonephritis	95.9 (95.0-96.6)	94.2 (93.2-95.0)	87.8 (86.5-89.0)	96.5 (95.7-97.1)	94.7 (93.9-95.5)
Other causes	96.5 (96.0-97.0)	95.0 (94.3-95.5)	89.2 (88.3-89.9)	96.8 (96.4-97.3)	95.1 (94.6-95.6)
All	95.9 (95.4-96.3)	94.1 (93.6-94.5)	87.4 (86.7-88.0)	96.5 (96.2-96.8)	94.7 (94.3-95.1)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Table B.6.16
First graft (living donor), from day of transplant, adjusted
adjusted for age, gender, and primary renal disease

	Survival probabilities as % (95% CI)				
	cohort 2006 - 2010			cohort 2009 - 2013	
	1 year	2 year	5 year	1 year	2 year
0-19	96.6 (94.8-98.4)	95.8 (93.8-97.8)	88.1 (84.9-91.4)	96.4 (94.6-98.2)	95.9 (94.0-97.8)
20-44	96.3 (95.6-96.9)	94.6 (93.8-95.3)	88.5 (87.5-89.6)	97.2 (96.7-97.7)	95.7 (95.1-96.3)
45-64	95.9 (95.2-96.5)	94.1 (93.4-94.9)	87.8 (86.7-88.9)	96.1 (95.5-96.6)	94.2 (93.5-94.9)
65+	92.9 (91.0-94.8)	89.8 (87.6-92.1)	76.4 (73.3-79.8)	94.9 (93.5-96.3)	91.2 (89.5-93.0)
Men	95.8 (95.2-96.4)	94.2 (93.6-94.9)	87.0 (86.1-88.0)	96.4 (96.0-96.9)	94.9 (94.4-95.5)
Women	95.4 (94.6-96.1)	92.9 (92.0-93.9)	85.8 (84.5-87.1)	96.0 (95.3-96.6)	93.4 (92.6-94.3)
Diabetes	93.7 (92.0-95.5)	90.9 (88.7-93.0)	79.6 (76.6-82.6)	95.2 (93.7-96.6)	92.7 (91.0-94.5)
Hypertension / renal vascular disease	94.1 (92.4-95.9)	91.8 (89.7-93.9)	82.7 (79.9-85.6)	95.7 (94.4-97.0)	93.6 (92.0-95.2)
Glomerulonephritis	95.5 (94.6-96.4)	93.7 (92.6-94.8)	86.8 (85.3-88.4)	96.2 (95.4-96.9)	94.3 (93.4-95.2)
Other causes	96.3 (95.7-96.8)	94.7 (94.0-95.3)	88.5 (87.5-89.4)	96.7 (96.2-97.2)	94.9 (94.4-95.5)
All	95.6 (95.2-96.1)	93.8 (93.2-94.3)	86.6 (85.8-87.4)	96.3 (95.9-96.7)	94.4 (93.9-94.9)

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland)

Figure B.6.1
Adjusted patient survival by primary renal disease: Incident RRT patients
from day 1, adjusted for age and gender

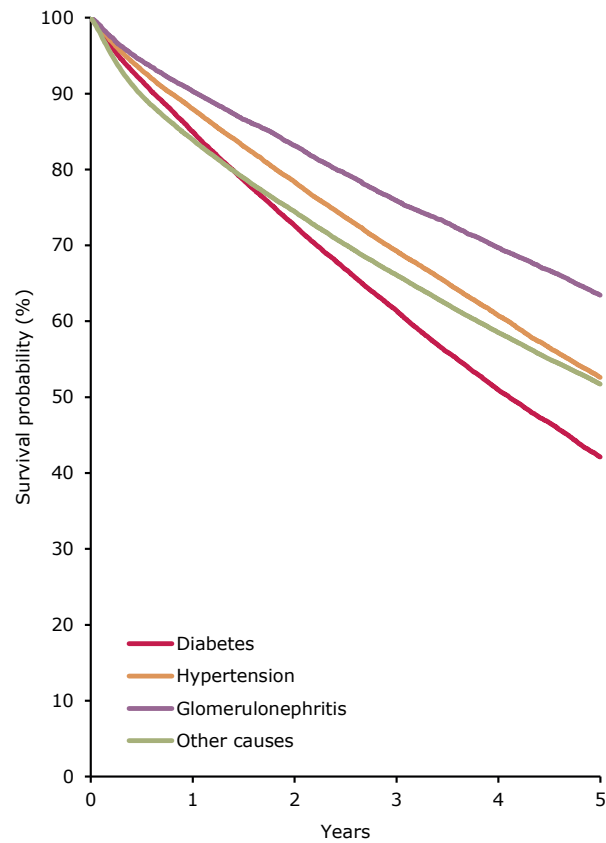


Figure B.6.2
Adjusted patient survival by modality: Incident dialysis patients
from day 91, adjusted for age, gender, and primary renal disease

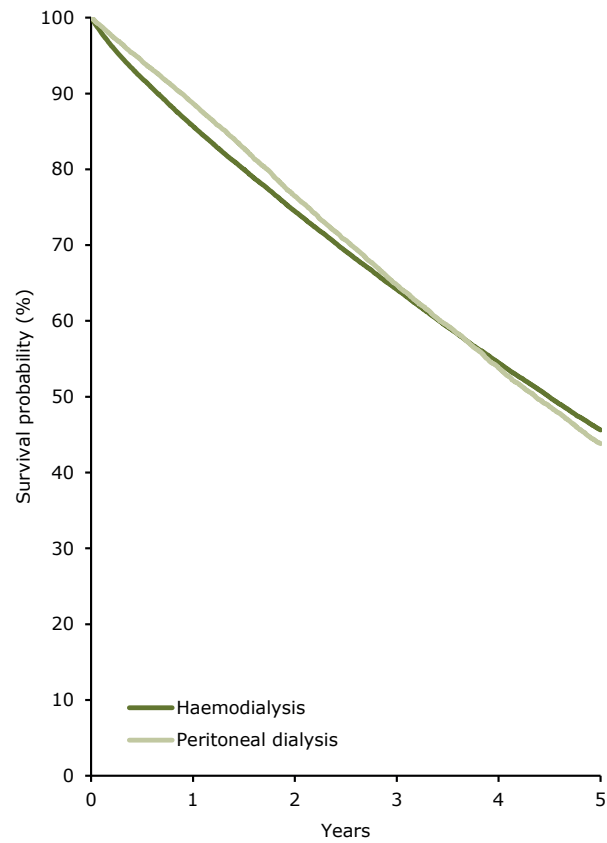
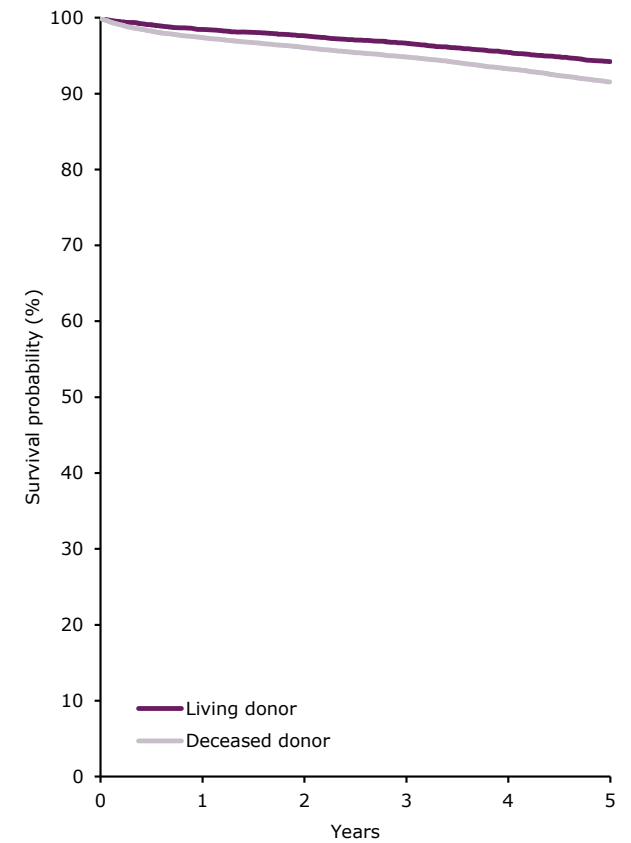
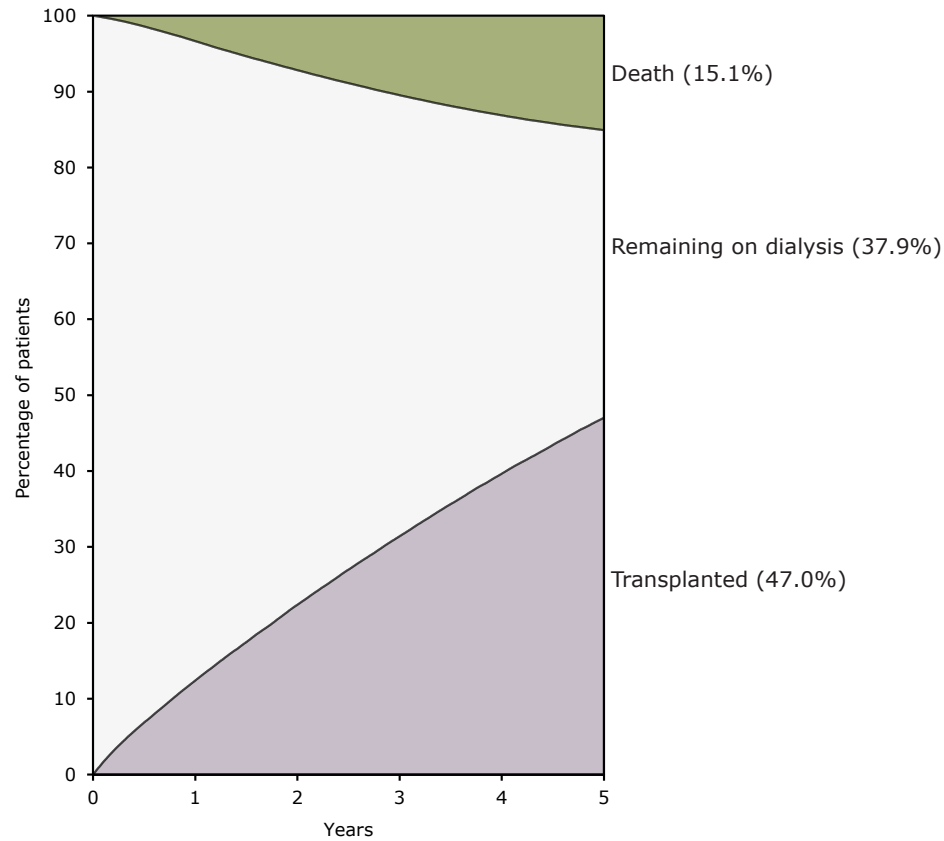


Figure B.6.3
Adjusted patient survival by donor type: Patients receiving a first kidney transplant
from day of transplant, adjusted for age, gender, and primary renal disease



Survival on dialysis was examined using the Cox regression method, with transplantation as a censored observation (see methods)

Figure B.6.4
Adjusted cumulative incidence of death and receiving a kidney transplant: Incident dialysis patients
from day 1, adjusted for age, gender and primary renal disease



Survival on dialysis was examined using the Fine and Gray competing risk method, with transplantation as a competing event (see methods)

Table B.7.1

Expected remaining lifetimes (years) of the general population (cohort 2011-2015) and of prevalent dialysis and transplant patients (cohort 2011-2015)
by age and gender

General population				ESRD: Dialysis				ESRD: Transplant			
Age	All	Men	Women	Age	All	Men	Women	Age	All	Men	Women
0	81.2	78.7	83.7	0-19	39.6	39.8	39.3	0-19	62.6	62.1	63.4
5	76.6	74.0	79.0								
10	71.6	69.1	74.0								
15	66.6	64.1	69.0								
20	61.7	59.2	64.1	20-24	21.8	22.0	21.4	20-24	43.3	42.8	44.3
25	56.8	54.4	59.1	25-29	19.1	19.2	18.8	25-29	39.0	38.5	39.8
30	51.9	49.5	54.2	30-34	16.2	16.1	16.2	30-34	34.6	34.2	35.4
35	47.1	44.7	49.3	35-39	13.9	13.9	14.1	35-39	30.5	30.1	31.2
40	42.2	39.9	44.4	40-44	11.9	11.8	12.2	40-44	26.5	26.0	27.4
45	37.5	35.2	39.6	45-49	10.2	9.9	10.6	45-49	22.8	22.3	23.7
50	32.8	30.7	34.9	50-54	8.5	8.3	8.9	50-54	19.0	18.5	19.9
55	28.4	26.3	30.3	55-59	7.1	7.0	7.5	55-59	15.8	15.4	16.5
60	24.1	22.1	25.8	60-64	6.1	6.0	6.5	60-64	12.7	12.4	13.3
65	19.9	18.2	21.5	65-69	5.4	5.2	5.6	65-69	10.1	9.9	10.5
70	16.0	14.5	17.3	70-74	4.7	4.6	4.8	70-74	7.7	7.6	7.9
75	12.3	11.1	13.3	75-79	4.0	3.9	4.1	75-79	5.6	5.6	5.5
80	9.0	8.0	9.7	80-84	3.3	3.3	3.3	80-84	3.5	3.6	3.3
85	6.3	5.6	6.7	85-89	2.2	2.1	2.2				

Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England, Northern Ireland and Wales), United Kingdom (Scotland)

Section C: Aggregated data reference tables

Table C.1.1
General population data and number of renal centres

	General population of whole country/region in thousands	% Coverage of general population by the registry	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry
Albania	2880	99.0	10	9
Belarus	9489	98.0	50	47
Bulgaria	7154	100	77	77
Croatia	4284	80.0	45	37
Cyprus	855	100	6	6
Czech Republic	10503	98.0	106	103
Georgia	3714	100	21	21
Israel	8380	100	76	76
Italy (5 of 20 regions)	60666	28.0	700	163
Latvia	1968	80.0	25	23
Lithuania	2921	100	61	61
Macedonia	2022	100	23	23
Poland	38350	99.0	278	275
Portugal	10375	100	122	122
Russia	146545	99.0	519	509
Slovakia	5426	100	68	68
Spain	46624	100	342	342
Tunisia, Sfax region	10982	10.8	157	17
Turkey	78736	100	1023	1023
Ukraine	42759	100	58	58

C2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1

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

	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							
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%						
Albania	251	161	90	1	0	1	1	0	0	60	24	39	24	21	23	136	54	85	53	51	57	41	16	27	17	14	16	13	5	9	6	4	4
Belarus	747	412	335	3	0	3	1	0	0	155	21	88	21	67	20	357	48	199	48	158	47	167	22	91	22	76	23	65	9	31	8	34	10
Bulgaria †	1093	557	536																														
Croatia	540	328	212	5	1	4	1	1	0	37	7	30	9	7	3	193	36	120	37	73	34	141	26	88	27	53	25	164	30	86	26	78	37
Cyprus	164	118	46	4	2	2	2	2	4	11	7	9	8	2	4	43	26	29	25	14	30	47	29	32	27	15	33	59	36	46	39	13	28
Czech Republic †	2393																																
Georgia	694	461	233	10	1	4	1	6	3	68	10	38	8	30	13	330	48	236	51	94	40	163	23	106	23	57	24	123	18	77	17	46	20
Israel	1606	1046	560	40	2	24	2	16	3	141	9	92	9	49	9	477	30	333	32	144	26	431	27	268	26	163	29	517	32	329	31	188	34
Italy (5 of 20 regions)	2232	1467	765	24	1	19	1	5	1	155	7	100	7	55	7	581	26	399	27	182	24	579	26	393	27	186	24	893	40	556	38	337	44
Latvia	152	78	74	2	1	2	3	0	0	20	13	13	17	7	9	49	32	25	32	24	32	44	29	21	27	23	31	37	24	17	22	20	27
Lithuania	308	197	111	2	1	1	1	1	1	37	12	29	15	8	7	87	28	57	29	30	27	86	28	52	26	34	31	96	31	58	29	38	34
Macedonia	307	172	135	2	1	0	0	2	1	25	8	18	10	7	5	116	38	62	36	54	40	93	30	47	27	46	34	71	23	45	26	26	19
Poland	6617																																
Portugal	2352																																
Russia †	7413	3920	3493	352	5	218	6	134	4	1734	23	945	24	789	23	3488	47	1797	46	1691	48	1338	18	679	17	659	19	501	7	281	7	220	6
Slovakia †	916	562	354	1	0	0	0	1	0	107	12	76	14	31	9	333	36	229	41	104	29	296	32	161	29	135	38	179	20	96	17	83	23
Spain §	6277	4236	2041	32	1	20	0	12	1	643	10	411	10	232	11	1977	31	1345	32	632	31	1749	28	1230	29	519	25	1876	30	1230	29	646	32
Tunisia, Sfax region	193	109	84	3	2	0	0	3	4	36	19	27	25	9	11	69	36	43	39	26	31	36	19	19	17	17	20	49	25	20	18	29	35
Turkey	11597																																
Ukraine	1024	568	456																														

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

§ Data presented in the column 0-19 refer to patients aged 0-14 years and data presented in the column 20-44 refer to patients aged 15-44 years

Table C.2.2
Incident rates per million (age-related) population by age and gender, unadjusted
at day 1

	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
Albania	88.0	111.4	64.0	1.3	2.5	0	60.8	76.6	44.0	185.6	234.6	137.7	187.4	250.2	126.3	91.2	135.7	52.5
Belarus	80.3	95.2	67.4	1.5	3.0	0	45.7	51.6	39.6	136.4	167.5	110.6	243.4	357.1	176.3	100.5	178.7	71.8
Bulgaria †	152.8	160.2	145.8															
Croatia	157.6	198.5	119.4	7.0	10.9	2.9	32.6	52.2	12.5	199.1	253.4	147.2	425.7	618.0	280.7	595.9	918.8	429.5
Cyprus	191.8	283.7	104.8	20.6	20.0	21.3	32.5	55.6	11.4	204.8	284.3	129.6	701.5	1000.0	428.6	1282.6	2300.0	500.0
Czech Republic †	232.5																	
Georgia	186.9	260.0	120.1	10.9	8.3	13.8	52.4	59.0	46.0	340.7	529.9	179.7	585.5	937.2	344.8	491.6	891.2	280.8
Israel	191.6	251.9	132.5	13.2	15.5	10.9	49.4	64.3	34.5	300.5	432.9	176.0	845.8	1130.8	597.9	1261.3	1949.1	779.8
Italy (5 of 20 regions)	131.4	177.9	87.5	7.7	11.8	3.3	29.6	37.9	21.2	119.0	167.2	72.9	316.1	455.7	191.9	467.1	740.1	290.4
Latvia	96.5	107.9	86.9	6.5	12.6	0	38.2	48.9	27.1	113.4	126.5	102.4	276.4	354.7	230.0	247.3	408.7	185.2
Lithuania	105.4	146.4	70.5	3.4	3.3	3.4	38.5	60.2	16.7	106.4	152.4	67.6	310.5	495.2	197.7	355.6	734.2	199.0
Macedonia	151.8	169.5	134.1	3.4	0	7.0	32.9	46.3	18.8	254.4	275.6	233.8	637.0	691.2	589.7	1044.1	1551.7	666.7
Poland	174.3																	
Portugal	226.7																	
Russia †	51.1	58.3	44.9	11.2	13.5	8.8	32.2	35.2	29.2	87.9	101.1	77.2	126.7	173.3	99.3	52.2	107.2	31.6
Slovakia †	168.8	212.3	127.4	0.9	0	1.8	51.7	71.8	30.7	228.6	321.6	139.6	627.1	805.0	496.3	573.7	932.0	397.1
Spain §	134.6	185.1	86.0	4.6	5.5	3.5	34.9	43.9	25.6	156.9	215.6	99.4	406.7	610.7	227.0	438.9	740.1	247.3
Tunisia, Sfax region	162.7	184.4	141.2	8.1	0	16.7	75.9	116.7	37.1	278.5	350.2	208.1	690.1	751.8	632.2	1200.3	1011.9	1377.0
Turkey	147.3																	
Ukraine	23.9	28.7	19.9															

When cells are left empty, the data are unavailable

† Data include dialysis patients only

§ Data presented in the column 0-19 refer to patients aged 0-14 years and data presented in the column 20-44 refer to patients aged 15-44 years

Table C.2.3
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)
Albania	100	52.5	15.1	51.8	64.1	55.0	15.4	56.5	35.9	48.0	16.1	47.5
Belarus	100				55.2				44.8			
Bulgaria †	100				51.0				49.0			
Croatia	100	65.3	14.4	67.0	60.7	63.8	15.2	66.0	39.3	67.6	12.3	69.0
Cyprus	100	66.3	16.9	70.0	72.0	66.8	16.3	71.0	28.0	64.9	18.5	69.0
Czech Republic												
Georgia	100	61.9	14.8	62.3	66.4	61.3	13.6	62.4	33.6	63.1	16.0	62.2
Israel	100	65.3	16.6	68.6	65.1	65.2	16.8	68.0	34.9	65.6	17.1	69.2
Italy (5 of 20 regions)	100	68.2	15.5	71.5	65.7	67.8	16.3	77.6	34.3	69.1	15.8	72.9
Latvia	100	62.2	16.2	66.0	51.3	61.1	17.0	64.0	48.7	63.4	15.2	67.0
Lithuania	100	64.7	15.9	66.4	64.0	63.9	16.6	65.6	36.0	66.2	14.7	68.5
Macedonia	100	63.5	13.8	66.0	56.0	63.6	14.2	66.0	44.0	63.5	13.3	65.0
Poland												
Portugal												
Russia †	100	52.3	16.8	56.0	52.9	51.4	17.1	54.0	47.1	53.3	16.4	57.0
Slovakia †	100	62.8	14.1	65.0	61.4	61.4	13.8	63.0	38.6	64.9	13.6	67.0
Spain	100	64.8	15.2	67.4	67.5	65.0	14.6	67.3	32.5	64.3	15.6	67.6
Tunisia, Sfax region	100	59.4	17.4	61.0	56.5	56.3	17.3	57.0	43.5	63.4	17.3	66.0
Turkey												
Ukraine	100	48.1	14.6	50.0	55.5	48.2	14.4	50.0	44.5	47.9	15.0	50.0

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Table C.2.4
Incident rates per million population, adjusted
at day 1, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Albania	87.1	110.3	63.4
Belarus			
Bulgaria			
Croatia	151.7	198.9	112.3
Cyprus	240.9	331.7	136.5
Czech Republic			
Georgia	202.4	300.6	124.5
Israel	285.1	367.2	199.3
Italy (5 of 20 regions)	111.9	147.5	75.8
Latvia	90.0	111.0	76.6
Lithuania	100.0	152.7	63.4
Macedonia	224.2	251.6	189.7
Poland			
Portugal			
Russia †	51.8	63.9	43.3
Slovakia †	181.4	237.6	134.0
Spain	125.2	167.9	81.2
Tunisia, Sfax region	233.8	241.4	231.2
Turkey			
Ukraine			

When cells are left empty, the data are unavailable
† Data include dialysis patients only

Table C.2.5
Incident rates per million population and percentages by primary renal disease, unadjusted
at day 1

	All		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	%
Albania	88.0	100	14.0	15.9	15.4	17.5	3.5	4.0	1.1	1.2	9.5	10.8	10.5	12.0	6.3	7.2	1.8	2.0	9.1	10.4	27.4	31.1	0	0
Belarus	80.3	100	17.9	22.2	8.0	9.9	5.8	7.2	4.4	5.5	13.5	16.9	18.0	22.4	8.1	10.0	3.8	4.7	17.3	21.6	0.6	0.8	1.0	1.2
Bulgaria †	152.8	100	20.5	13.4	12.7	8.3	13.8	9.1					38.9	25.4	19.8	13.0	15.5	10.2	21.9	14.4	7.4	4.8	2.1	1.4
Croatia	157.6	100	28.9	18.3	18.7	11.9	8.5	5.4	46.4	29.4	2.6	1.7	49.0	31.1	35.0	22.2	5.0	3.1	6.7	4.3	5.8	3.7	0	0
Cyprus	191.8	100	23.4	12.2	7.0	3.7	8.2	4.3	4.7	2.4	66.7	34.8	71.3	37.2	35.1	18.3	4.7	2.4	18.7	9.8	23.4	12.2	0	0
Czech Republic																								
Georgia	186.9	100	20.5	11.0	14.8	7.9	12.7	6.8	9.2	4.9	33.4	17.9	42.5	22.8	18.6	9.9	8.6	4.6	7.8	4.2	56.0	30.0	5.4	2.9
Israel	191.6	100	11.0	5.7	4.8	2.5	5.4	2.8	25.5	13.3	60.7	31.7	86.3	45.0	16.8	8.8	5.4	2.8	23.9	12.5	27.8	14.5	10.4	5.4
Italy (5 of 20 regions)	131.4	100	13.5	10.3	4.7	3.5	7.0	5.3					23.7	18.0	16.5	12.6	9.4	7.1	13.9	10.6	27.8	21.2	14.9	11.3
Latvia	96.5	100	15.2	15.8	12.7	13.2	7.0	7.2	3.2	3.3	11.4	11.8	14.6	15.1	17.8	18.4	0	0	10.2	10.5	19.1	19.7	0	0
Lithuania	105.4	100	18.5	17.5	18.5	17.5	9.6	9.1					15.1	14.3	19.5	18.5	2.7	2.6	13.0	12.3	3.1	2.9	5.5	5.2
Macedonia	151.8	100	10.9	7.2	7.9	5.2	10.9	7.2	5.4	3.6	29.7	19.5	35.1	23.1	43.0	28.3	0.5	0.3	25.2	16.6	18.3	12.1	0	0
Poland																								
Portugal & +	226.7	100	24.6	10.8			10.7	4.7					74.3	32.8	28.6	12.6			42.2	18.6	38.7	17.1	7.5	3.3
Russia †	51.1	100	18.2	35.5	5.3	10.4	4.5	8.9	3.5	6.9	5.4	10.6	8.9	17.5	4.2	8.3	0.9	1.8	7.1	13.8	1.9	3.8	0	0
Slovakia †	168.8	100	18.4	10.9	17.0	10.0	5.5	3.3					61.6	36.5	14.6	8.6	6.5	3.8	41.3	24.5	4.1	2.4	0	0
Spain ¶	134.6	100	17.3	12.9	10.3	7.7	9.0	6.7					31.2	23.2	20.7	15.3			15.8	11.8	30.3	22.5	0	0
Tunisia, Sfax region §	162.7	100	9.3	5.7	20.2	12.4	11.0	6.7					52.3	32.1			3.4	2.1	1.7	1.0	59.0	36.3	5.9	3.6
Turkey ‡	147.3	100	1.3	0.9	0.5	0.3	0.9	0.6	2.6	1.7	5.5	3.7	8.1	5.5	6.2	4.2	0.3	0.2	2.3	1.5	2.3	1.6	125.6	85.3
Ukraine +	23.9	100	7.8	32.6	4.1	17.3	2.5	10.4					5.8	24.2	1.6	6.5			2.1	8.6	0.1	0.3	0	0

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

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

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

§ Hypertension is not reported separately, but is included into renal vascular disease

‡ Data are available for 1707 dialysis patients (14.7% of total)

C2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1

Table C.2.6
Incident counts by treatment modality
at day 1

	All	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	N	N
Albania	251	230	0	0	0	0	230	0	3	0	3	5	0	0	5	13
Belarus	747	668	0	0	0	10	678	7	56	0	63	6	0	0	6	0
Bulgaria †	1093	995	0	0	0	87	1082	0	11	0	11					0
Croatia	540	454	0	0	0	61	515	9	10	0	19	2	4	0	6	0
Cyprus	164			129			129	2	32	0	34	1	0	0	1	0
Czech Republic †	2393			2295			2295			98	98					0
Georgia	694	658	0	0	0	0	658	29	2	0	31	2	0	0	2	3
Israel	1606	1421	0	0	0	0	1421	56	71	0	127	48	4	6	58	0
Italy (5 of 20 regions)	2232	1761	1	0	11	161	1934	128	154	0	282	7	9	0	16	0
Latvia	152	116	0	0	0	0	116			34	34	2	0	0	2	0
Lithuania	308	287	0	0	0	0	287			20	20	1	0	0	1	0
Macedonia	307	294	0	0	0	0	294	0	7	0	7	6	0	0	6	0
Poland	6617	5877	0				5877	100	270	370	740	0	0	0	0	0
Portugal	2352	2106	0	0	0	0	2106			229	229	17	0	0	17	0
Russia †	7413	6829	0	0	0	0	6829	0	584	0	584					0
Slovakia																
Spain	6277			4914			4914			1048	1048			315	315	0
Tunisia, Sfax region	193	183	0	0	0	0	183	4	6	0	10	0	0	0	0	0
Turkey	11597	9334	3	0	4	249	9590	80	339	576	995	995	17	0	1012	0
Ukraine	1024	732	0	0	0	117	849	3	172	0	175	0	0	0	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

Table C.2.7
Incident rates per million population by treatment modality, unadjusted
at day 1

	All	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Albania	88.0	80.7	0	0	0	0	80.7	0	1.1	0	1.1	1.8	0	0	1.8	4.6
Belarus	80.3	71.8	0	0	0	1.1	72.9	0.8	6.0	0	6.8	0.6	0	0	0.6	0
Bulgaria †	152.8	139.1	0	0	0	12.2	151.2	0	1.5	0	1.5					0
Croatia	157.6	132.5	0	0	0	17.8	150.3	2.6	2.9	0	5.5	0.6	1.2	0	1.8	0
Cyprus	191.8			150.9			150.9	2.3	37.4	0	39.8	1.2	0	0	1.2	0
Czech Republic †	232.5			223.0			223.0			9.5	9.5					0
Georgia	186.9	177.2	0	0	0	0	177.2	7.8	0.5	0	8.3	0.5	0	0	0.5	0.8
Israel	191.6	169.6	0	0	0	0	169.6	6.7	8.5	0	15.2	5.7	0.5	0.7	6.9	0
Italy (5 of 20 regions)	131.4	103.7	0.1	0	0.6	9.5	113.9	7.5	9.1	0	16.6	0.4	0.5	0	0.9	0
Latvia	96.5	73.7	0	0	0	0	73.7			21.6	21.6	1.3	0	0	1.3	0
Lithuania	105.4	98.3	0	0	0	0	98.3			6.8	6.8	0.3	0	0	0.3	0
Macedonia	151.8	145.4	0	0	0	0	145.4	0	3.5	0	3.5	3.0	0	0	3.0	0
Poland	174.3	154.8	0				154.8	2.6	7.1	9.7	19.5	0	0	0	0	0
Portugal	226.7	203.0	0	0	0	0	203.0			22.1	22.1	1.6	0	0	1.6	0
Russia †	51.1	47.1	0	0	0	0	47.1	0	4.0	0	4.0					0
Slovakia																
Spain	134.6			105.4			105.4			22.5	22.5			6.8	6.8	0
Tunisia, Sfax region	162.7	154.3	0	0	0	0	154.3	3.4	5.1	0	8.4	0	0	0	0	0
Turkey	147.3	118.5	0	0	0.1	3.2	121.8	1.0	4.3	7.3	12.6	12.6	0.2	0	12.9	0
Ukraine	23.9	17.1	0	0	0	2.7	19.9	0.1	4.0	0	4.1	0	0	0	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
Categories may not add up because of rounding off
When cells are left empty, the data are unavailable
† Data include dialysis patients only

C2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2015, AT DAY 1

Table C.2.8
Percentages of treatment modality, unadjusted
at day 1

	All	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
		%	%	%	%	%	%	%	%	%	%	%	%	%		%
Albania	100	91.6	0	0	0	0	91.6	0	1.2	0	1.2	2.0	0	0	2.0	5.2
Belarus	100	89.4	0	0	0	1.3	90.8	0.9	7.5	0	8.4	0.8	0	0	0.8	0
Bulgaria †	100	91.0	0	0	0	8.0	99.0	0	1.0	0	1.0					0
Croatia	100	84.1	0	0	0	11.3	95.4	1.7	1.9	0	3.5	0.4	0.7	0	1.1	0
Cyprus	100			78.7			78.7	1.2	19.5	0	20.7	0.6	0	0	0.6	0
Czech Republic †	100			95.9			95.9			4.1	4.1					0
Georgia	100	94.8	0	0	0	0	94.8	4.2	0.3	0	4.5	0.3	0	0	0.3	0.4
Israel	100	88.5	0	0	0	0	88.5	3.5	4.4	0	7.9	3.0	0.2	0.4	3.6	0
Italy (5 of 20 regions)	100	78.9	0	0	0.5	7.2	86.6	5.7	6.9	0	12.6	0.3	0.4	0	0.7	0
Latvia	100	76.3	0	0	0	0	76.3			22.4	22.4	1.3	0	0	1.3	0
Lithuania	100	93.2	0	0	0	0	93.2			6.5	6.5	0.3	0	0	0.3	0
Macedonia	100	95.8	0	0	0	0	95.8	0	2.3	0	2.3	2.0	0	0	2.0	0
Poland	100	88.8	0				88.8	1.5	4.1	5.6	11.2	0	0	0	0	0
Portugal	100	89.5	0	0	0	0	89.5			9.7	9.7	0.7	0	0	0.7	0
Russia †	100	92.1	0	0	0	0	92.1	0	7.9	0	7.9					0
Slovakia																
Spain	100			78.3			78.3			16.7	16.7			5.0	5.0	0
Tunisia, Sfax region	100	94.8	0	0	0	0	94.8	2.1	3.1	0	5.2	0	0	0	0	0
Turkey	100	80.5	0	0	0	2.1	82.7	0.7	2.9	5.0	8.6	8.6	0.1	0	8.7	0
Ukraine	100	71.5	0	0	0	11.4	82.9	0.3	16.8	0	17.1	0	0	0	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
 Categories may not add up because of rounding off
 When cells are left empty, the data are unavailable
 † Data include dialysis patients only

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

	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									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%								
Albania	230	150	80	0	0	0	0	0	0	58	25	38	25	20	25	125	54	79	53	46	58	37	16	26	17	11	14	10	4	7	5	3	4		
Belarus	629	352	277	3	0	3	1	0	0	141	22	78	22	63	23	292	46	165	47	127	46	147	23	83	24	64	23	46	7	23	7	23	8		
Bulgaria †	931	472	459																																
Croatia	477	291	186	5	1	4	1	1	1	35	7	28	10	7	4	177	37	112	38	65	35	123	26	77	26	46	25	137	29	70	24	67	36		
Cyprus	154	111	43	4	3	2	2	2	5	11	7	9	8	2	5	40	26	27	24	13	30	45	29	31	28	14	33	54	35	42	38	12	28		
Czech Republic																																			
Georgia	585	388	197	9	2	4	1	5	3	61	10	35	9	26	13	289	49	203	52	86	44	130	22	88	23	42	21	96	16	58	15	38	19		
Israel	1530	1003	527	40	3	24	2	16	3	144	9	93	9	51	10	464	30	327	33	137	26	412	27	259	26	153	29	470	31	300	30	170	32		
Italy (5 of 20 regions)	2066	1365	701	21	1	16	1	5	1	151	7	98	7	53	8	557	27	382	28	175	25	545	26	368	27	177	25	792	38	501	37	291	42		
Latvia	146	75	71	2	1	2	3	0	0	20	14	13	17	7	10	47	32	24	32	23	32	41	28	19	25	22	31	36	25	17	23	19	27		
Lithuania	286	177	109	2	1	1	1	1	1	37	13	29	16	8	7	81	28	52	29	29	27	76	27	43	24	33	30	90	31	52	29	38	35		
Macedonia	253	143	110	2	1	0	0	2	2	25	10	18	13	7	6	103	41	56	39	47	43	74	29	34	24	40	36	49	19	35	24	14	13		
Poland																																			
Portugal	2218																																		
Russia																																			
Slovakia	766	477	289	1	0	0	0	1	0	94	12	68	14	26	9	290	38	201	42	89	31	242	32	137	29	105	36	139	18	71	15	68	24		
Spain																																			
Tunisia, Sfax region																																			
Turkey																																			
Ukraine																																			

Categories may not add up because of missing values or rounding off
 When cells are left empty, the data are unavailable
 † Data include dialysis patients only

Table C.3.2
Incident rates per million (age-related) population by age and gender, unadjusted
at day 91

	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
Albania	80.7	103.8	56.9	0	0	0	58.8	74.7	41.9	170.6	218.0	124.2	169.1	240.9	99.2	70.1	105.5	39.4
Belarus	67.6	81.4	55.7	1.5	3.0	0	41.5	45.8	37.3	111.6	138.9	88.9	214.3	325.7	148.4	71.1	132.6	48.6
Bulgaria †	130.1	135.7	124.8															
Croatia	139.2	176.2	104.8	7.0	10.9	2.9	30.9	48.7	12.5	182.5	236.5	131.0	371.4	540.7	243.6	497.8	747.9	368.9
Cyprus	180.1	266.8	97.9	20.6	20.0	21.3	32.5	55.6	11.4	190.5	264.7	120.4	671.6	968.8	400.0	1173.9	2100.0	461.5
Czech Republic																		
Georgia	157.5	218.8	101.5	9.8	8.3	11.5	47.0	54.3	39.9	298.4	455.8	164.4	467.0	778.1	254.1	383.7	671.3	232.0
Israel	182.6	241.5	124.7	13.2	15.5	10.9	50.5	65.0	35.9	292.3	425.1	167.5	808.5	1092.8	561.3	1146.6	1777.3	705.1
Italy (5 of 20 regions)	121.6	165.5	80.2	6.7	9.9	3.3	28.8	37.2	20.4	114.1	160.1	70.1	297.6	426.7	182.6	414.3	666.9	250.7
Latvia	92.7	103.7	83.4	6.5	12.6	0	38.2	48.9	27.1	108.8	121.5	98.1	257.5	320.9	220.0	240.6	408.7	175.9
Lithuania	97.9	131.5	69.2	3.4	3.3	3.4	38.5	60.2	16.7	99.0	139.0	65.3	274.4	409.5	191.9	333.3	658.2	199.0
Macedonia	125.1	140.9	109.2	3.4	0	7.0	32.9	46.3	18.8	225.9	248.9	203.5	506.8	500.0	512.8	720.6	1206.9	359.0
Poland																		
Portugal	213.8																	
Russia																		
Slovakia	141.2	180.2	104.0	0.9	0	1.8	45.5	64.3	25.7	199.0	282.3	119.5	512.7	685.0	386.0	445.5	689.3	325.4
Spain																		
Tunisia, Sfax region																		
Turkey																		
Ukraine																		

When cells are left empty, the data are unavailable
† Data include dialysis patients only

Table C.3.3
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)
Albania	100	51.4	15.1	51.6	65.2	53.9	15.8	55.4	34.8	46.7	14.6	48.4
Belarus	100				56.0				44.0			
Bulgaria †	100				50.7				49.3			
Croatia	100	64.5	14.7	66.0	61.0	62.9	15.3	65.0	39.0	67.1	13.2	69.0
Cyprus	100	65.8	17.1	70.0	72.1	66.2	16.5	71.0	27.9	65.0	18.9	69.0
Czech Republic												
Georgia	100	61.2	14.9	62.6	66.3	61.6	13.7	62.7	33.7	60.3	16.0	62.5
Israel	100	64.7	17.0	68.0	65.6	64.6	16.9	67.4	34.4	64.9	17.3	68.9
Italy (5 of 20 regions)	100	67.8	15.4	70.8	66.1	67.4	15.4	70.4	33.9	68.4	15.5	71.8
Latvia	100	62.1	16.4	66.0	51.4	60.9	17.3	64.0	48.6	63.2	15.4	67.0
Lithuania	100	63.6	15.8	66.4	61.9	62.1	16.4	65.6	38.1	66.1	14.5	68.5
Macedonia	100	61.9	14.0	64.0	56.5	62.0	14.6	64.0	43.5	61.8	13.1	64.0
Poland												
Portugal												
Russia												
Slovakia	100	62.2	13.9	64.0	62.3	60.8	13.9	62.0	37.7	64.6	13.7	67.0
Spain												
Tunisia, Sfax region												
Turkey												
Ukraine												

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Table C.3.4
Incident rates per million population, adjusted
at day 91, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Albania	79.8	102.8	56.3
Belarus			
Bulgaria			
Croatia	133.9	175.3	98.9
Cyprus	225.3	311.2	127.4
Czech Republic			
Georgia	179.6	263.5	113.4
Israel	270.5	351.7	186.4
Italy (5 of 20 regions)	104.0	137.7	69.8
Latvia	86.6	106.9	73.7
Lithuania	93.0	136.9	62.6
Macedonia	176.8	203.1	144.5
Poland			
Portugal			
Russia			
Slovakia	150.4	198.7	109.3
Spain			
Tunisia, Sfax region			
Turkey			
Ukraine			

When cells are left empty, the data are unavailable

Table C.3.5
Incident rates per million population and percentages by primary renal disease, unadjusted
at day 91

	All		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	%
Albania	80.7	100	13.0	16.1	14.4	17.8	3.2	3.9	0.4	0.4	8.1	10.0	8.4	10.4	5.6	7.0	1.4	1.7	8.4	10.4	26.3	32.6	0	0
Belarus	67.6	100	16.2	24.0	6.8	10.0	5.1	7.5	3.3	4.9	11.4	16.9	14.7	21.8	7.0	10.3	2.6	3.8	13.7	20.2	0.6	1.0	1.0	1.4
Bulgaria †	130.1	100	18.2	14.0	12.6	9.7	13.1	10.1					29.9	23.0	17.8	13.6	13.1	10.1	17.3	13.3	6.2	4.7	2.0	1.5
Croatia	139.2	100	27.4	19.7	18.7	13.4	7.9	5.7	37.6	27.0	2.0	1.5	39.7	28.5	34.4	24.7	4.4	3.1	3.8	2.7	2.9	2.1	0	0
Cyprus	180.1	100	23.4	13.0	7.0	3.9	8.2	4.5	4.7	2.6	64.3	35.7	69.0	38.3	32.7	18.2	3.5	1.9	14.0	7.8	22.2	12.3	0	0
Czech Republic																								
Georgia	157.5	100	17.2	10.9	12.4	7.9	10.5	6.7	7.8	5.0	28.3	17.9	36.1	22.9	15.3	9.7	6.2	3.9	5.1	3.2	49.3	31.3	5.4	3.4
Israel	182.6	100	11.0	6.0	4.3	2.4	5.5	3.0	24.0	13.1	58.8	32.2	82.8	45.4	16.5	9.0	5.0	2.7	22.1	12.1	25.8	14.1	9.7	5.3
Italy (5 of 20 regions)	121.6	100	13.2	10.8	4.5	3.7	7.2	6.0					22.0	18.1	15.6	12.8	8.6	7.1	12.7	10.5	26.3	21.6	11.5	9.4
Latvia	92.7	100	14.6	15.8	12.7	13.7	7.0	7.5	3.2	3.4	10.8	11.6	14.0	15.1	17.8	19.2	0	0	8.9	9.6	17.8	19.2	0	0
Lithuania	97.9	100	18.5	18.9	16.8	17.1	9.6	9.8					14.0	14.3	19.2	19.6	1.0	1.0	13.0	13.3	1.4	1.4	4.5	4.5
Macedonia	125.1	100	10.4	8.3	5.4	4.3	10.4	8.3	5.4	4.3	24.7	19.8	30.2	24.1	36.1	28.9	0.5	0.4	20.3	16.2	11.9	9.5	0	0
Poland																								
Portugal																								
Russia																								
Slovakia	141.2	100	17.1	12.1	12.9	9.1	5.2	3.7					52.5	37.2	12.3	8.7	4.4	3.1	34.1	24.2	2.6	1.8	0	0
Spain																								
Tunisia, Sfax region																								
Turkey																								
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
 Categories may not add up because of rounding off
 When cells are left empty, the data are unavailable
 † Data include dialysis patients only

Table C.3.6
Incident counts by treatment modality
at day 91

	All	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	N	N
Albania	230	222	0	0	0	0	222	0	3	0	3	5	0	0	5	0
Belarus	629	512	0	0	0	22	534	7	82	0	89	6	0	0	6	0
Bulgaria †	931	825	0	0	0	59	884	6	21	0	27					0
Croatia	477	389	0	0	0	61	450	9	12	0	21	2	4	0	6	0
Cyprus	154			120			120	2	31	0	33	1	0	0	1	0
Czech Republic																
Georgia	585	524	0	0	0	0	524	24	2	0	26	3	0	0	3	32
Israel	1530	1334	0	0	0	0	1334	55	69	0	124	61	2	9	72	0
Italy (5 of 20 regions)	2066	1531	1	11	13	189	1745	158	144	0	302	11	8	0	19	0
Latvia	146	112	0	0	0	0	112			32	32	2	0	0	2	0
Lithuania	286	265	0	0	0	0	265			20	20	1	0	0	1	0
Macedonia	253	241	0	0	0	0	241	0	6	0	6	6	0	0	6	0
Poland																
Portugal #	2218	1978	0	0	0	0	1978			223	223			17	17	0
Russia																
Slovakia	766	286	3	0	1	442	732	10	12	0	22	4	8	0	12	0
Spain																
Tunisia, Sfax region																
Turkey																
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

Only pre-emptive transplantations (at day 1) are included

Table C.3.7
Incident rates per million population by treatment modality, unadjusted
at day 91

	All	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Albania	80.7	77.9	0	0	0	0	77.9	0	1.1	0	1.1	1.8	0	0	1.8	0
Belarus	67.6	55.1	0	0	0	2.4	57.4	0.8	8.8	0	9.6	0.6	0	0	0.6	0
Bulgaria †	130.1	115.3	0	0	0	8.2	123.6	0.8	2.9	0	3.8					0
Croatia	139.2	113.5	0	0	0	17.8	131.3	2.6	3.5	0	6.1	0.6	1.2	0	1.8	0
Cyprus	180.1			140.4			140.4	2.3	36.3	0	38.6	1.2	0	0	1.2	0
Czech Republic																
Georgia	157.5	141.1	0	0	0	0	141.1	6.5	0.5	0	7.0	0.8	0	0	0.8	8.6
Israel	182.6	159.2	0	0	0	0	159.2	6.6	8.2	0	14.8	7.3	0.2	1.1	8.6	0
Italy (5 of 20 regions)	121.6	90.1	0.1	0.6	0.8	11.1	102.7	9.3	8.5	0	17.8	0.6	0.5	0	1.1	0
Latvia	92.7	71.1	0	0	0	0	71.1			20.3	20.3	1.3	0	0	1.3	0
Lithuania	97.9	90.7	0	0	0	0	90.7			6.8	6.8	0.3	0	0	0.3	0
Macedonia	125.1	119.2	0	0	0	0	119.2	0	3.0	0	3.0	3.0	0	0	3.0	0
Poland																
Portugal #	213.8	190.7	0	0	0	0	190.7			21.5	21.5			1.6	1.6	0
Russia																
Slovakia	141.2	52.7	0.6	0	0.2	81.5	134.9	1.8	2.2	0	4.1	0.7	1.5	0	2.2	0
Spain																
Tunisia, Sfax region																
Turkey																
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

Categories may not add up because of rounding off

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Only pre-emptive transplantations (at day 1) are included

Table C.3.8
Percentages of treatment modality, unadjusted
at day 91

	All	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	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Albania	100	96.5	0	0	0	0	96.5	0	1.3	0	1.3	2.2	0	0	2.2	0
Belarus	100	81.4	0	0	0	3.5	84.9	1.1	13.0	0	14.1	1.0	0	0	1.0	0
Bulgaria †	100	88.6	0	0	0	6.3	95.0	0.6	2.3	0	2.9					0
Croatia	100	81.6	0	0	0	12.8	94.3	1.9	2.5	0	4.4	0.4	0.8	0	1.3	0
Cyprus	100			77.9			77.9	1.3	20.1	0	21.4	0.6	0	0	0.6	0
Czech Republic																
Georgia	100	89.6	0	0	0	0	89.6	4.1	0.3	0	4.4	0.5	0	0	0.5	5.5
Israel	100	87.2	0	0	0	0	87.2	3.6	4.5	0	8.1	4.0	0.1	0.6	4.7	0
Italy (5 of 20 regions)	100	74.1	0	0.5	0.6	9.1	84.5	7.6	7.0	0	14.6	0.5	0.4	0	0.9	0
Latvia	100	76.7	0	0	0	0	76.7			21.9	21.9	1.4	0	0	1.4	0
Lithuania	100	92.7	0	0	0	0	92.7			7.0	7.0	0.3	0	0	0.3	0
Macedonia	100	95.3	0	0	0	0	95.3	0	2.4	0	2.4	2.4	0	0	2.4	0
Poland																
Portugal #	100	89.2	0	0	0	0	89.2			10.1	10.1			0.8	0.8	0
Russia																
Slovakia	100	37.3	0.4	0	0.1	57.7	95.6	1.3	1.6	0	2.9	0.5	1.0	0	1.6	0
Spain																
Tunisia, Sfax region																
Turkey																
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

Categories may not add up because of rounding off

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Only pre-emptive transplantations (at day 1) are included

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

	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							
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%						
Albania	1214	760	454	11	1	6	1	5	1	430	35	255	34	175	39	555	46	351	46	204	45	188	15	126	17	62	14	30	2	22	3	8	2
Belarus	3204	1677	1527	24	1	14	1	10	1	965	30	516	31	449	29	1534	48	836	50	698	46	557	17	259	15	298	20	124	4	52	3	72	5
Bulgaria	4241	2077	2164																														
Croatia	2553	1483	1070	9	0	5	0	4	0	187	7	113	8	74	7	893	35	563	38	330	31	694	27	418	28	276	26	770	30	384	26	386	36
Cyprus																																	
Czech Republic ‡	11444			11	0					661	6					2378	21					2134	19					1484	13				
Georgia	2327	1513	814	19	1	10	1	9	1	417	18	260	17	157	19	1268	54	838	55	430	53	448	19	302	20	146	18	175	8	103	7	72	9
Israel †	6442	3906	2536	78	1	46	1	32	1	538	8	334	9	204	8	2108	33	1367	35	741	29	1752	27	1024	26	728	29	1966	31	1135	29	831	33
Italy (5 of 20 regions)	17832	11312	6520	195	1	116	1	79	1	2501	14	1578	14	923	14	6605	37	4191	37	2414	37	4176	23	2705	24	1471	23	4355	24	2722	24	1633	25
Latvia	1007	523	484	12	1	10	2	2	0	219	22	123	24	96	20	448	44	228	44	220	45	206	20	99	19	107	22	122	12	63	12	59	12
Lithuania	2203																																
Macedonia	1598	929	669	10	1	3	0	7	1	265	17	158	17	107	16	790	49	466	50	324	48	343	21	183	20	160	24	190	12	119	13	71	11
Poland	30400																																
Portugal	18928	11368	7560																														
Russia	43955	23303	20652	484	1	294	1	190	1	10262	23	5951	26	4311	21	22156	50	11637	50	10519	51	7888	18	3740	16	4148	20	3165	7	1681	7	1484	7
Slovakia †	3337	1942	1395	2	0	1	0	1	0	325	10	188	10	137	10	1285	39	841	43	444	32	1079	32	607	31	472	34	646	19	305	16	341	24
Spain §	56354	35600	20754	307	1	184	1	123	1	9506	17	5853	16	3653	18	22193	39	14262	40	7931	38	13125	23	8479	24	4646	22	11223	20	6822	19	4401	21
Tunisia, Sfax region †	923	511	412	9	1	3	1	6	1	191	21	118	23	73	18	347	38	202	40	145	35	192	21	107	21	85	21	184	20	81	16	103	25
Turkey	73660																																
Ukraine	7610	4346	3264																														

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

When cells are left empty, the data are unavailable

‡ Data per age category include dialysis patients only (total N=6668)

† Data include dialysis patients only

§ Data presented in the column 0-19 refer to patients aged 0-14 years and data presented in the column 20-44 refer to patients aged 15-44 years

Table C.4.2
Prevalence per million (age-related) population by age and gender, unadjusted
prevalent patients on December 31

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Albania	425.8	525.8	322.9	14.3	15.0	13.5	436.1	501.1	366.7	757.6	968.7	551.0	859.3	1167.6	559.2	210.4	331.7	104.9
Belarus	344.5	387.7	307.0	12.3	13.9	10.5	284.3	302.8	265.6	586.3	703.8	488.5	812.0	1016.5	691.1	191.7	299.8	152.1
Bulgaria	592.8	597.4	588.5															
Croatia	744.9	897.7	602.7	12.6	13.6	11.5	164.8	196.7	132.1	921.0	1188.8	665.3	2095.4	2935.4	1461.9	2798.0	4102.6	2125.6
Cyprus																		
Czech Republic ‡	1111.8			5.4			180.7			880.5			1833.0			2035.3		
Georgia	626.6	853.4	419.4	20.7	20.7	20.6	321.6	403.4	240.7	1309.1	1881.5	821.9	1609.2	2670.2	883.2	699.4	1192.1	439.6
Israel †	768.7	940.5	600.0	25.8	29.7	21.7	188.6	233.6	143.4	1328.0	1777.2	905.8	3438.0	4320.7	2670.6	4796.3	6723.9	3446.7
Italy (5 of 20 regions)	1049.8	1371.5	746.1	62.4	72.0	52.1	477.8	598.5	355.3	1352.8	1756.0	967.3	2280.1	3136.6	1517.9	2277.9	3623.3	1407.0
Latvia	639.6	723.2	568.6	38.8	62.8	13.3	417.9	463.1	371.5	1037.0	1153.8	938.6	1294.0	1672.3	1070.0	815.5	1514.4	546.3
Lithuania	754.2																	
Macedonia	790.3	915.3	664.3	16.9	9.9	24.4	348.2	406.2	287.6	1732.5	2071.1	1402.6	2349.3	2691.2	2051.3	2794.1	4103.4	1820.5
Poland	800.7																	
Portugal	1824.4	2308.7	1386.9															
Russia	303.0	346.7	265.2	15.4	18.3	12.4	190.6	222.0	159.4	558.3	654.6	480.2	747.2	954.7	624.8	330.0	641.5	212.9
Slovakia †	615.0	733.7	502.0	1.8	1.7	1.8	157.2	177.7	135.6	881.9	1181.2	596.0	2286.0	3035.0	1735.3	2070.5	2961.2	1631.6
Spain §	1208.7	1555.3	874.4	43.7	51.0	36.0	515.7	624.7	403.0	1761.8	2286.3	1247.2	3052.3	4210.0	2032.4	2625.9	4104.7	1684.9
Tunisia, Sfax region †	778.2	864.7	692.3	24.2	15.6	33.4	402.9	510.1	300.8	1400.6	1645.0	1160.4	3680.7	4233.9	3160.8	4507.2	4098.4	4890.8
Turkey	935.5																	
Ukraine	178.0	219.6	142.1															

When cells are left empty, the data are unavailable

‡ Data per age category include dialysis patients only (total N=6668)

† Data include dialysis patients only

§ Data presented in the column 0-19 refer to patients aged 0-14 years and data presented in the column 20-44 refer to patients aged 15-44 years

Table C.4.3
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)
Albania	100	50.3	15.1	51.1	62.6	52.1	15.4	53.7	37.4	47.3	14.9	48.4
Belarus	100				52.3				47.7			
Bulgaria	100				49.0				51.0			
Croatia	100	65.6	13.7	67.0	58.1	64.7	13.3	66.0	41.9	66.9	14.1	69.0
Cyprus												
Czech Republic												
Georgia	100	56.5	13.7	57.4	65.0	56.7	13.2	57.7	35.0	56.1	14.3	57.2
Israel †	100	65.6	15.5	68.0	60.6	65.2	15.4	67.0	39.4	66.3	15.5	69.0
Italy (5 of 20 regions)	100	62.2	16.3	64.0	63.4	62.2	16.2	64.1	36.6	62.2	16.6	63.8
Latvia	100	55.9	16.0	57.0	51.9	54.7	16.8	55.0	48.1	57.2	15.1	59.0
Lithuania												
Macedonia	100	57.8	14.0	59.0	58.1	57.7	14.0	58.0	41.9	57.9	14.1	60.0
Poland												
Portugal †	100	66.8			60.1				39.9			
Russia	100	54.4	14.3	56.0	53.0	53.5	14.6	55.0	47.0	55.4	14.0	57.0
Slovakia †	100	63.3	13.3	65.0	58.2	62.3	13.3	65.0	41.8	64.7	13.9	67.0
Spain	100	63.2	15.6	64.8	63.2	63.1	15.4	64.6	36.8	63.3	16.0	65.0
Tunisia, Sfax region †	100	58.3	16.4	60.0	55.4	56.7	16.6	58.0	44.6	60.3	16.5	63.0
Turkey												
Ukraine	100	48.6	13.9	50.0	57.1	48.7	13.9	50.0	42.9	48.4	14.0	50.0

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Table C.4.4
Prevalence per million population, adjusted
prevalent patients on December 31, adjusted for age and gender

	All	Men	Women
	Pmp	Pmp	Pmp
Albania	433.5	520.6	319.5
Belarus			
Bulgaria			
Croatia	679.5	848.4	540.0
Cyprus			
Czech Republic			
Georgia	668.6	965.6	427.1
Israel †	1152.2	1375.0	918.2
Italy (5 of 20 regions)	933.1	1193.7	674.1
Latvia	612.3	731.1	527.2
Lithuania			
Macedonia	1038.4	1216.2	845.8
Poland			
Portugal			
Russia	307.0	378.1	256.7
Slovakia †	661.0	820.4	529.3
Spain	1144.6	1447.9	837.7
Tunisia, Sfax region †	1133.3	1160.8	1098.2
Turkey			
Ukraine			

When cells are left empty, the data are unavailable

† Data include dialysis patients only

Table C.4.5
Prevalence per million population and percentages by primary renal disease, unadjusted
prevalent patients on December 31

	All		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Albania	425.8	100	62.1	14.6	108.4	25.5	29.5	6.9	10.5	2.5	40.0	9.4	50.5	11.9	34.4	8.1	12.3	2.9	51.9	12.2	69.8	16.4	7.0	1.6
Belarus	344.5	100	151.7	44.0	31.9	9.3	35.4	10.3	21.5	6.2	26.2	7.6	47.7	13.9	18.1	5.2	5.9	1.7	52.4	15.2	1.0	0.3	0.4	0.1
Bulgaria																								
Croatia	744.9	100	108.3	14.5	75.3	10.1	50.8	6.8	44.1	5.9	147.4	19.8	191.4	25.7	92.2	12.4	18.7	2.5	155.5	20.9	52.8	7.1	0	0
Cyprus																								
Czech Republic																								
Georgia	626.6	100	75.1	12.0	54.9	8.8	46.3	7.4	21.3	3.4	108.8	17.4	130.1	20.8	68.9	11.0	23.2	3.7	26.1	4.2	194.1	31.0	7.8	1.2
Israel †	768.7	100	74.0	9.6	28.3	3.7	29.6	3.8	186.3	24.2	166.2	21.6	352.5	45.9	76.7	10.0	20.6	2.7	97.1	12.6	88.1	11.5	1.8	0.2
Italy (5 of 20 regions)	1049.8	100	219.5	20.9	60.1	5.7	92.5	8.8					121.3	11.6	110.2	10.5	65.6	6.2	90.1	8.6	235.5	22.4	54.9	5.2
Latvia	639.6	100	197.5	30.9	89.6	14.0	79.4	12.4	32.4	5.1	27.9	4.4	60.3	9.4	76.2	11.9	2.5	0.4	88.9	13.9	45.1	7.1	0	0
Lithuania																								
Macedonia	790.3	100	125.1	15.8	61.8	7.8	81.6	10.3	17.3	2.2	103.9	13.1	121.2	15.3	192.4	24.3	1.0	0.1	106.8	13.5	99.9	12.6	0.5	0.1
Poland																								
Portugal † & +	1824.4	100	152.9	12.9			73.3	6.2					326.9	27.7	159.1	13.5			215.0	18.2	225.3	19.1	29.6	2.5
Russia	303.0	100	140.1	46.2	28.7	9.5	30.4	10.0	18.7	6.2	17.9	5.9	36.7	12.1	15.5	5.1	3.6	1.2	40.6	13.4	7.5	2.5	0	0
Slovakia †	615.0	100	81.8	13.3	69.5	11.3	28.6	4.6					211.0	34.3	49.6	8.1	19.2	3.1	145.4	23.6	10.0	1.6	0	0
Spain ¶	1208.7	100	227.7	18.8	125.0	10.3	118.9	9.8					190.1	15.7	141.2	11.7			127.1	10.5	278.7	23.1	0	0
Tunisia, Sfax region † §	778.2	100	99.5	12.8	140.0	18.0	58.2	7.5					155.1	19.9			20.2	2.6	5.9	0.8	292.6	37.6	6.7	0.9
Turkey ‡	935.5	100	5.2	0.6	1.6	0.2	3.9	0.4	5.3	0.6	20.7	2.2	26.0	2.8	23.2	2.5	0.8	0.1	9.8	1.1	10.7	1.1	854.2	91.3
Ukraine +	178.0	100	75.7	42.5	25.3	14.2	18.7	10.5					26.6	14.9	8.4	4.7			18.0	10.1	0.8	0.4	4.5	2.5

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

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

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

§ Hypertension is not reported separately, but is included into renal vascular disease

‡ Data are available for 6400 of 73660 patients (8.7%)

Table C.4.6
Prevalent counts by treatment modality
prevalent patients on December 31

	All	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	
Albania	1214	913	0	0	0	0	913	51	0	0	51	174	43	13	230	20
Belarus	3204	1564	0	0	0	143	1707	15	263	0	278	80	1139	0	1219	0
Bulgaria	4241	3402	0	0	0	113	3515	54	105	0	159	102	457	8	567	0
Croatia	2553	1700	0	0	0	233	1933	51	63	0	114	10	209	7	226	280
Cyprus																
Czech Republic	11444			1706	6	4311	6203			465	465			4776	4776	0
Georgia	2327	1949	0	0	0	0	1949	94	9	0	103	268	0	2	270	5
Israel †	6442	6023	0	0	0	0	6023	224	194	0	418					1
Italy (5 of 20 regions)	17832	8131	17	135	140	2195	10618	765	770	11	1546	392	5276	0	5668	0
Latvia	1007	373	0	0	0	0	373			92	92			542	542	0
Lithuania	2203	1328	0	0	0	0	1328	33	18	0	51			824	824	0
Macedonia	1598	1352	1	0	0	0	1353	0	32	0	32	197	16	0	213	0
Poland	30400	18809	0				18809			1091	1091			10500	10500	0
Portugal	18928	4326	0	0	0	7188	11514	330	421	0	751	536	6127	0	6663	0
Russia	43955	33504	0	0	0	0	33504	0	2264	0	2264	1244	5421	1522	8187	0
Slovakia †	3337	901	18	0	2	2340	3261	43	33	0	76					0
Spain	56354			23649			23649			3106	3106			29599	29599	0
Tunisia, Sfax region †	923	890	0	0	0	0	890	10	23	0	33					0
Turkey	73660	54517	300	21	6	2107	56951	1160	2639	110	3909	0	0	12800	12800	0
Ukraine	7610	4770	0	0	0	842	5612	48	879	0	927	818	190	63	1071	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

Table C.4.7
Prevalence per million population by treatment modality, unadjusted
prevalent patients on December 31

	All	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Albania	425.8	320.2	0	0	0	0	320.2	17.9	0	0	17.9	61.0	15.1	4.6	80.7	7.0
Belarus	344.5	168.2	0	0	0	15.4	183.6	1.6	28.3	0	29.9	8.6	122.5	0	131.1	0
Bulgaria	592.8	475.5	0	0	0	15.8	491.3	7.5	14.7	0	22.2	14.3	63.9	1.1	79.3	0
Croatia	744.9	496.0	0	0	0	68.0	564.0	14.9	18.4	0	33.3	2.9	61.0	2.0	65.9	81.7
Cyprus																
Czech Republic	1111.8			165.7	0.6	418.8	602.6			45.2	45.2			464.0	464.0	0
Georgia	626.6	524.8	0	0	0	0	524.8	25.3	2.4	0	27.7	72.2	0	0.5	72.7	1.3
Israel †	768.7	718.7	0	0	0	0	718.7	26.7	23.1	0	49.9					0.1
Italy (5 of 20 regions)	1049.8	478.7	1.0	7.9	8.2	129.2	625.1	45.0	45.3	0.6	91.0	23.1	310.6	0	333.7	0
Latvia	639.6	236.9	0	0	0	0	236.9			58.4	58.4			344.3	344.3	0
Lithuania	754.2	454.6	0	0	0	0	454.6	11.3	6.2	0	17.5			282.1	282.1	0
Macedonia	790.3	668.6	0.5	0	0	0	669.1	0	15.8	0	15.8	97.4	7.9	0	105.3	0
Poland	800.7	495.4	0				495.4			28.7	28.7			276.6	276.6	0
Portugal	1824.4	417.0	0	0	0	692.8	1109.8	31.8	40.6	0	72.4	51.7	590.6	0	642.2	0
Russia	303.0	230.9	0	0	0	0	230.9	0	15.6	0	15.6	8.6	37.4	10.5	56.4	0
Slovakia †	615.0	166.1	3.3	0	0.4	431.3	601.0	7.9	6.1	0	14.0					0
Spain	1208.7			507.2			507.2			66.6	66.6			634.8	634.8	0
Tunisia, Sfax region †	778.2	750.4	0	0	0	0	750.4	8.4	19.4	0	27.8					0
Turkey	935.5	692.4	3.8	0.3	0.1	26.8	723.3	14.7	33.5	1.4	49.6	0	0	162.6	162.6	0
Ukraine	178.0	111.6	0	0	0	19.7	131.2	1.1	20.6	0	21.7	19.1	4.4	1.5	25.0	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
Categories may not add up because of rounding off
When cells are left empty, the data are unavailable
† Data include dialysis patients only

Table C.4.8
Percentages of treatment modality, unadjusted
prevalent patients on December 31

	All	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
		%	%	%	%	%	%	%	%	%	%	%	%	%		%
Albania	100	75.2	0	0	0	0	75.2	4.2	0	0	4.2	14.3	3.5	1.1	18.9	1.6
Belarus	100	48.8	0	0	0	4.5	53.3	0.5	8.2	0	8.7	2.5	35.5	0	38.0	0
Bulgaria	100	80.2	0	0	0	2.7	82.9	1.3	2.5	0	3.7	2.4	10.8	0.2	13.4	0
Croatia	100	66.6	0	0	0	9.1	75.7	2.0	2.5	0	4.5	0.4	8.2	0.3	8.9	11.0
Cyprus	100															
Czech Republic	100			14.9	0.1	37.7	54.2			4.1	4.1			41.7	41.7	0
Georgia	100	83.8	0	0	0	0	83.8	4.0	0.4	0	4.4	11.5	0	0.1	11.6	0.2
Israel †	100	93.5	0	0	0	0	93.5	3.5	3.0	0	6.5					0
Italy (5 of 20 regions)	100	45.6	0.1	0.8	0.8	12.3	59.5	4.3	4.3	0.1	8.7	2.2	29.6	0	31.8	0
Latvia	100	37.0	0	0	0	0	37.0			9.1	9.1			53.8	53.8	0
Lithuania	100	60.3	0	0	0	0	60.3	1.5	0.8	0	2.3			37.4	37.4	0
Macedonia	100	84.6	0.1	0	0	0	84.7	0	2.0	0	2.0	12.3	1.0	0	13.3	0
Poland	100	61.9	0				61.9			3.6	3.6			34.5	34.5	0
Portugal	100	22.9	0	0	0	38.0	60.8	1.7	2.2	0	4.0	2.8	32.4	0	35.2	0
Russia	100	76.2	0	0	0	0	76.2	0	5.2	0	5.2	2.8	12.3	3.5	18.6	0
Slovakia †	100	27.0	0.5	0	0.1	70.1	97.7	1.3	1.0	0	2.3					0
Spain	100			42.0			42.0			5.5	5.5			52.5	52.5	0
Tunisia, Sfax region †	100	96.4	0	0	0	0	96.4	1.1	2.5	0	3.6					0
Turkey	100	74.0	0.4	0	0	2.9	77.3	1.6	3.6	0.1	5.3	0	0	17.4	17.4	0
Ukraine	100	62.7	0	0	0	11.1	73.7	0.6	11.6	0	12.2	10.7	2.5	0.8	14.1	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, the data are unavailable
 † Data include dialysis patients only

Table C.5.1
Kidney transplant counts and percentages by donor type

	All		Living						Deceased		Donor type Unkn			
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Albania	27	100	18	66.7	2	7.4	1	3.7	21	77.8	6	22.2	0	0
Belarus	285	100	15	5.3	0	0	0	0	15	5.3	270	94.7	0	0
Bulgaria	51	100	13	25.5	0	0	0	0	13	25.5	38	74.5	0	0
Croatia	160	100	5	3.1	0	0	0	0	5	3.1	155	96.9	0	0
Cyprus	20	100	10	50.0	9	45.0	0	0	19	95.0	1	5.0	0	0
Czech Republic	453	100					53	11.7	53	11.7	400	88.3	0	0
Georgia	57	100	57	100	0	0	0	0	57	100	0	0	0	0
Israel	348	100											348	100
Italy (5 of 20 regions)	452	100	14	3.1	1	0.2	17	3.8	32	7.1	420	92.9	0	0
Latvia	64	100	8	12.5	3	4.7	0	0	11	17.2	53	82.8	0	0
Lithuania	115	100	8	7.0	0	0	1	0.9	9	7.8	106	92.2	0	0
Macedonia	12	100	8	66.7	1	8.3	0	0	9	75.0	3	25.0	0	0
Poland	1077	100	51	4.7	9	0.8	0	0	60	5.6	1017	94.4	0	0
Portugal	485	100					62	12.8	62	12.8	423	87.2	0	0
Russia	945	100	190	20.1	0	0	0	0	190	20.1	755	79.9	0	0
Slovakia +	184	100	14	7.6	5	2.7	0	0	19	10.3	165	89.7	0	0
Spain □	2905	100					388	13.4	388	13.4	2517	86.6	0	0
Tunisia, Sfax region	8	100	8	100	0	0	0	0	8	100	0	0	0	0
Turkey	3204	100	2355	73.5	179	5.6	0	0	2534	79.1	670	20.9	0	0
Ukraine	102	100											102	100

Categories may not add up because of rounding off

When cells are left empty, the data are unavailable

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2015 from total Spanish population

Table C.5.2
Kidney transplants per million population by donor type, unadjusted

	All	Living			Deceased	Donor type Unkn	
		Related	Unrelated	Type Unkn	All		
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	
Albania	9.5	6.3	0.7	0.4	7.4	2.1	0
Belarus	30.6	1.6	0	0	1.6	29.0	0
Bulgaria	7.1	1.8	0	0	1.8	5.3	0
Croatia	46.7	1.5	0	0	1.5	45.2	0
Cyprus	23.4	11.7	10.5	0	22.2	1.2	0
Czech Republic	44.0			5.1	5.1	38.9	0
Georgia	15.3	15.3	0	0	15.3	0	0
Israel	41.5						41.5
Italy (5 of 20 regions)	26.6	0.8	0.1	1.0	1.9	24.7	0
Latvia	40.7	5.1	1.9	0	7.0	33.7	0
Lithuania	39.4	2.7	0	0.3	3.1	36.3	0
Macedonia	5.9	4.0	0.5	0	4.5	1.5	0
Poland	28.4	1.3	0.2	0	1.6	26.8	0
Portugal	46.7			6.0	6.0	40.8	0
Russia	6.5	1.3	0	0	1.3	5.2	0
Slovakia +	33.9	2.6	0.9	0	3.5	30.4	0
Spain □	62.3			8.3	8.3	54.0	0
Tunisia, Sfax region	6.7	6.7	0	0	6.7	0	0
Turkey	40.7	29.9	2.3	0	32.2	8.5	0
Ukraine	2.4						2.4

Categories may not add up because of rounding off

When cells are left empty, the data are unavailable

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2015 from total Spanish population

Section D: Paediatric data reference tables

Section D: Paediatric data reference tables

The incidence and prevalence of RRT in paediatric patients are based on data from 25 registries from 16 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (community of Madrid), Spain (region of Murcia), Spain (Valencian region), Sweden, Switzerland, the Netherlands, and United Kingdom (Scotland). In the analyses the data collected between 2010 and 2015 were used. As not all countries provided data over the complete period and to allow for comparison over the years, data are shown both including and excluding the data from Bosnia and Herzegovina, Estonia, France, Romania, Serbia, Spain (region of Murcia), and Switzerland. 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 the Methods section. However, as not all regions in Spain had specialised paediatric centres, non-residents were also included in the incidence and prevalence.

D1 GENERAL POPULATION AGE DISTRIBUTION

Table D.1.1
Population covered (in thousands)
by age and cohort

Cohort	All	0-4	5-9	10-14	15-19
	N	N	N	N	N
2010	22212	5608	5431	5369	5804
2011	22189	5618	5475	5368	5728
2012	22150	5587	5524	5397	5642
2013	22066	5512	5572	5415	5567
2014	21980	5401	5623	5447	5508
2015	21941	5311	5656	5484	5489
2010 *	41972	10544	10381	10254	10793
2011 *	44575	11075	11133	10991	11376
2012 *	45209	11245	11297	11205	11461
2013 *	45430	11196	11485	11337	11412
2014 *	45336	11027	11570	11381	11357
2015 *	46840	11305	11980	11782	11774
2010-2015 *	269361	66392	67846	66950	68173

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

D2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

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

Cohort	All	0-4	5-9	10-14	15-19
	N	N	N	N	N
2010-2011	375	106	40	90	139
2012-2013	361	70	65	88	138
2014-2015	383	83	65	85	150
2010-2011 *	701	164	85	159	293
2012-2013 *	678	127	102	174	275
2014-2015 *	727	153	105	172	297
2010-2015 *	2106	444	292	505	865

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.2.2
Incident counts by age, treatment modality, and cohort
at day 1

Cohort	All			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
2010-2011	150	136	89	22	69	15	11	14	15	32	23	35	85	30	24
2012-2013	156	97	108	18	45	7	22	13	30	33	17	38	83	22	33
2014-2015	150	110	123	16	49	18	19	17	29	42	14	29	73	30	47
2010-2011 *	345	192	150	46	93	22	33	22	26	74	31	52	192	46	50
2012-2013 *	346	161	162	34	77	13	45	22	35	81	29	59	186	33	55
2014-2015 *	352	193	181	38	94	20	40	28	37	96	26	50	178	45	74
2010-2015 *†	1043	546	493	118	264	55	118	72	98	251	86	161	556	124	179

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

† For 24 patients information on treatment modality at start was unavailable

Table D.2.3
Incident counts by age and primary renal disease
between 2010 and 2015, at day 1

	All	0-4	5-9	10-14	15-19
	N	N	N	N	N
CAKUT	640	162	96	181	201
Glomerulonephritis	382	52	49	68	213
Cystic kidney disease	199	40	46	64	49
Hereditary Nephropathy	166	65	21	25	55
Ischaemic Renal Failure	26	10	2	7	7
HUS	59	15	6	11	27
Metabolic disorders	41	10	11	12	8
Vasculitis	41	1		10	30
Miscellaneous	210	48	21	40	101
Missing, unknown	342	41	40	87	174

Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

D2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table D.2.4
Incident rates per million age-related population by age and cohort
at day 1

Cohort	All	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2010-2011	8.4	9.4	3.7	8.4	12.1
2012-2013	8.2	6.3	5.9	8.1	12.3
2014-2015	8.7	7.7	5.8	7.8	13.6
2010-2011 *	8.1	7.6	4.0	7.5	13.2
2012-2013 *	7.5	5.7	4.5	7.7	12.0
2014-2015 *	7.9	6.9	4.5	7.4	12.8
2010-2015 *	7.8	6.7	4.3	7.5	12.7

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.2.5
Incident rates per million age-related population by age, treatment modality, and cohort
at day 1

Cohort	All			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
2010-2011	3.4	3.1	2.0	2.0	6.1	1.3	1.0	1.3	1.4	3.0	2.1	3.3	7.4	2.6	2.1
2012-2013	3.5	2.2	2.4	1.6	4.1	0.6	2.0	1.2	2.7	3.1	1.6	3.5	7.4	2.0	2.9
2014-2015	3.4	2.5	2.8	1.5	4.6	1.7	1.7	1.5	2.6	3.8	1.3	2.7	6.6	2.7	4.3
2010-2011 *	4.0	2.2	1.7	2.1	4.3	1.0	1.5	1.0	1.2	3.5	1.5	2.4	8.7	2.1	2.3
2012-2013 *	3.8	1.8	1.8	1.5	3.4	0.6	2.0	1.0	1.5	3.6	1.3	2.6	8.1	1.4	2.4
2014-2015 *	3.8	2.1	2.0	1.7	4.2	0.9	1.7	1.2	1.6	4.1	1.1	2.2	7.7	1.9	3.2
2010-2015 *†	3.9	2.0	1.8	1.8	4.0	0.8	1.7	1.1	1.4	3.7	1.3	2.4	8.2	1.8	2.6

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

† For 24 patients information on treatment modality at start was unavailable

Table D.2.6
Incident rates per million age-related population by age and primary renal disease
between 2010 and 2015, at day 1

	All	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
CAKUT	2.4	2.4	1.4	2.7	2.9
Glomerulonephritis	1.4	0.8	0.7	1.0	3.1
Cystic kidney disease	0.7	0.6	0.7	1.0	0.7
Hereditary Nephropathy	0.6	1.0	0.3	0.4	0.8
Ischaemic Renal Failure	0.1	0.2	0.0	0.1	0.1
HUS	0.2	0.2	0.1	0.2	0.4
Metabolic disorders	0.2	0.2	0.2	0.2	0.1
Vasculitis	0.2	0.0		0.1	0.4
Miscellaneous	0.8	0.7	0.3	0.6	1.5
Missing, unknown	1.3	0.6	0.6	1.3	2.6

Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

D3 PREVALENT PATIENTS ON RRT

Table D.3.1
Prevalent counts by age and cohort
prevalent patients on December 31

Cohort	All	0-4	5-9	10-14	15-19
	N	N	N	N	N
2010	1479	143	240	375	721
2011	1475	156	234	402	683
2012	1464	144	254	408	658
2013	1445	123	264	401	657
2014	1443	124	278	392	649
2015	1457	121	291	399	646
2010 *	2491	209	398	625	1259
2011 *	2547	236	396	670	1245
2012 *	2537	222	415	680	1220
2013 *	2548	205	426	702	1215
2014 *	2532	200	449	698	1185
2015 *	2613	223	454	731	1205

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.3.2
Prevalent counts by age, treatment modality, and cohort
prevalent patients on December 31

Cohort	All			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
2010	163	126	1178	20	54	69	17	18	204	32	18	322	94	36	583
2011	169	131	1164	25	60	71	13	24	196	36	18	346	95	29	551
2012	155	127	1172	22	60	62	13	17	222	33	19	355	87	31	533
2013	165	101	1168	18	34	70	19	19	225	34	16	348	94	32	525
2014	136	100	1199	12	37	74	17	20	241	28	12	348	79	31	536
2015	137	91	1219	12	33	76	32	17	241	29	15	349	64	26	553
2010 *	367	192	1879	32	76	93	37	29	326	75	33	505	223	54	955
2011 *	406	206	1883	47	78	107	36	36	314	82	36	543	241	56	919
2012 *	393	209	1895	45	81	93	42	33	333	76	40	557	230	55	912
2013 *	420	190	1906	44	63	94	43	36	343	85	36	572	248	55	897
2014 *	394	182	1936	37	64	95	46	39	362	87	27	577	224	52	902
2015 *	407	185	2011	44	75	104	60	32	361	102	29	594	201	49	952

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.3.3
Prevalent counts by age and primary renal disease
prevalent patients on December 31, 2015

	All	0-4	5-9	10-14	15-19
	N	N	N	N	N
CAKUT	921	81	176	249	415
Glomerulonephritis	385	29	55	100	201
Cystic kidney disease	262	20	45	86	111
Hereditary Nephropathy	252	38	56	70	88
Ischaemic Renal Failure	47	3	12	17	15
HUS	95	3	16	28	48
Metabolic disorders	70	5	19	23	23
Vasculitis	27	0	1	4	22
Miscellaneous	240	21	34	65	120
Missing, unknown	314	23	40	89	162

Including data from Romania (coverage 97.8% in 2015) and Switzerland (coverage 99.9% in 2015)

D3 PREVALENT PATIENTS ON RRT

Table D.3.4
Prevalence per million age-related population by age and cohort
prevalent patients on December 31

Cohort	All	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2010	66.6	25.5	44.2	69.9	124.2
2011	66.5	27.8	42.7	74.9	119.2
2012	66.1	25.8	46.0	75.6	116.6
2013	65.5	22.3	47.4	74.1	118.0
2014	65.7	23.0	49.4	72.0	117.8
2015	66.4	22.8	51.4	72.8	117.7
2010 *	59.3	19.8	38.3	61.0	116.7
2011 *	57.1	21.3	35.6	61.0	109.4
2012 *	56.1	19.7	36.7	60.7	106.4
2013 *	56.1	18.3	37.1	61.9	106.5
2014 *	55.9	18.1	38.8	61.3	104.3
2015 *	55.8	19.7	37.9	62.0	102.3

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.3.5
Prevalence per million age-related population by age, treatment modality, and cohort
prevalent patients on December 31

Cohort	All			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
2010	7.3	5.7	53.0	3.6	9.6	12.3	3.1	3.3	37.6	6.0	3.4	60.0	16.2	6.2	100.4
2011	7.6	5.9	52.5	4.5	10.7	12.6	2.4	4.4	35.8	6.7	3.4	64.5	16.6	5.1	96.2
2012	7.0	5.7	52.9	3.9	10.7	11.1	2.4	3.1	40.2	6.1	3.5	65.8	15.4	5.5	94.5
2013	7.5	4.6	52.9	3.3	6.2	12.7	3.4	3.4	40.4	6.3	3.0	64.3	16.9	5.7	94.3
2014	6.2	4.5	54.6	2.2	6.9	13.7	3.0	3.6	42.9	5.1	2.2	63.9	14.3	5.6	97.3
2015	6.2	4.1	55.6	2.3	6.2	14.3	5.7	3.0	42.6	5.3	2.7	63.6	11.7	4.7	100.7
2010 *	8.7	4.6	44.8	3.0	7.2	8.8	3.6	2.8	31.4	7.3	3.2	49.2	20.7	5.0	88.5
2011 *	9.1	4.6	42.2	4.2	7.0	9.7	3.2	3.2	28.2	7.5	3.3	49.4	21.2	4.9	80.8
2012 *	8.7	4.6	41.9	4.0	7.2	8.3	3.7	2.9	29.5	6.8	3.6	49.7	20.1	4.8	79.6
2013 *	9.2	4.2	42.0	3.9	5.6	8.4	3.7	3.1	29.9	7.5	3.2	50.5	21.7	4.8	78.6
2014 *	8.7	4.0	42.7	3.4	5.8	8.6	4.0	3.4	31.3	7.6	2.4	50.7	19.7	4.6	79.4
2015 *	8.7	3.9	42.9	3.9	6.6	9.2	5.0	2.7	30.1	8.7	2.5	50.4	17.1	4.2	80.9

* Including data from France (coverage from 98.3% in 2010 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013, Romania (coverage from 100% in 2010 to 97.8% in 2015), Switzerland (coverage 99.9%) since 2015

Table D.3.6
Prevalence per million age-related population by age and primary renal disease
prevalent patients on December 31, 2015

	All	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
CAKUT	19.7	7.2	14.7	21.1	35.2
Glomerulonephritis	8.2	2.6	4.6	8.5	17.1
Cystic kidney disease	5.6	1.8	3.8	7.3	9.4
Hereditary Nephropathy	5.4	3.4	4.7	5.9	7.5
Ischaemic Renal Failure	1.0	0.3	1.0	1.4	1.3
HUS	2.0	0.3	1.3	2.4	4.1
Metabolic disorders	1.5	0.4	1.6	2.0	2.0
Vasculitis	0.6		0.1	0.3	1.9
Miscellaneous	5.1	1.9	2.8	5.5	10.2
Missing, unknown	6.7	2.0	3.3	7.6	13.8

Including data from Romania (coverage 97.8% in 2015) and Switzerland (coverage 99.9% in 2015)

Methods

VI Methods

The ERA-EDTA Registry is located at the Department of Medical Informatics in the Academic Medical Center in Amsterdam, the Netherlands. This department hosts several clinical registries which share a quality management system with standard operating procedures 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, according to the ISO 9001:2008 norm since 2010 and according to the ISO 9001:2015 norm since September 2016.

Data collection and preparation

Individual patient data

Data collection

On an annual basis data sets containing individual patient data are sent to the ERA-EDTA Registry office in Amsterdam. Supported file formats for data delivery include Microsoft Access, Microsoft Excel, SPSS, SAS, and delimited text files. Collaborating registries either upload their data via a secure data upload portal or send PGP encrypted or password protected data by email.

Variables

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

Table 1: Variables collected for individual patients

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 from 32 national and regional registries in 17 countries were used to create the tables in Section B of this annual report.

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 treatment modality timeline.

The data on Spain presented in Section B of this report are based on separate data sets received from 14 of 19 regions: Andalusia, Aragon, Asturias, Basque country, Cantabria, Castile and León, Castile-La Mancha, Catalonia, Extremadura, Galicia, Community of Madrid, Region of Murcia, Navarre 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 treatment modalities.

Patient population

The data from Belgium (Dutch-speaking), Belgium (French-speaking), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Navarre) and the United Kingdom (England/Northern Ireland/Wales) is comprised of patients older than 20 years of age. It has been estimated that the inclusion of data on children would add approximately 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 follow-up until 31st March 2016. For the following registries data were only available until 31st December 2015: Denmark, France, the Netherlands, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Castille-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Switzerland and the United Kingdom (England, Wales and Northern Ireland). For these registries the incidence on day 91 was estimated as explained in the paragraph on statistical analyses

Data loading and cleaning

The data from the registries were imported using an in-house developed import utility. This program first uniformes 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 the storage of the data in the relational and event-driven database possible. The new data, provided by the national and regional registries, replaced all existing data in the ERA-EDTA Registry database. In this way changes in the data sets made by the national and regional registries were 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 identified in the data.

After analysing the data, the results were compared to the annual reports published by the national and regional registries as a first check for errors. In the 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 approval from the registry representative before publication in this ERA-EDTA Registry 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 [1], the national bureau of statistics or the national or regional registry. The sources of the population data used for the analyses in Section B are shown in Table 2.

Reference population

In this year's Annual Report, the age and gender distribution of the EU27 of 2010 as provided by Eurostat [1] was used for the adjustment of incidence rates and prevalence for age and gender. The age and gender distribution of EU27 in 2010 is shown in Table 3.

Table 2: Sources of the general population data for the national and regional registries participating with individual patient data in Section B

Registry	Sources of general population data of 2015
Austria	Registry
Belgium, Dutch-speaking	http://ec.europa.eu/eurostat/
Belgium, French-speaking	http://ec.europa.eu/eurostat/
Bosnia and Herzegovina	http://www.popis2013.ba/
Denmark	http://ec.europa.eu/eurostat/
Greenland	http://www.stat.gl/
Estonia	http://ec.europa.eu/eurostat/
Finland	http://ec.europa.eu/eurostat/
France	http://ec.europa.eu/eurostat/
Greece	http://ec.europa.eu/eurostat/
Iceland	http://ec.europa.eu/eurostat/
Norway	http://ec.europa.eu/eurostat/
Romania	http://ec.europa.eu/eurostat/
Serbia	http://ec.europa.eu/eurostat/
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, Cantabria	http://www.ine.es/
Spain, Castile and León	http://www.ine.es/
Spain, Castile-La Mancha	http://www.ine.es/
Spain, Catalonia	http://www.ine.es/
Spain, Extremadura	http://www.ine.es/
Spain, Galicia	http://www.ine.es/
Spain, Community of Madrid	http://www.ine.es/
Spain, Region of Murcia	http://www.ine.es/
Spain, Navarre	http://www.ine.es/
Spain, Valencian region	http://www.ine.es/
Sweden	http://ec.europa.eu/eurostat/
Switzerland	http://ec.europa.eu/eurostat/
the Netherlands	http://ec.europa.eu/eurostat/
United Kingdom, England/Northern Ireland/Wales	http://www.ons.gov.uk/
United Kingdom, Scotland	http://www.ons.gov.uk/

Table 3: The age and gender distribution of the reference population EU27 (2010)

Age groups	All	Men	Women
	N	N	N
0-4	26,395,042	13,538,482	12,856,560
5-9	25,671,423	13,164,757	12,506,666
10-14	26,227,258	13,447,626	12,779,632
15-19	28,871,932	14,799,902	14,072,030
20-24	31,748,967	16,165,507	15,583,460
25-29	33,637,765	17,036,136	16,601,629
30-34	34,721,373	17,582,565	17,138,808
35-39	36,330,818	18,323,844	18,006,974
40-44	37,936,179	19,089,702	18,846,477
45-49	36,959,424	18,442,336	18,517,088
50-54	34,559,527	17,057,371	17,502,156
55-59	32,008,654	15,585,644	16,423,010
60-64	28,943,516	13,927,064	15,016,452
65-69	24,005,279	11,254,363	12,750,916
70-74	21,947,335	9,832,684	12,114,651
75-79	17,793,563	7,435,782	10,357,781
80-84	12,919,229	4,816,223	8,103,006
85+	10,407,098	3,110,189	7,296,909
Total	501,084,382	244,610,177	256,474,205

Aggregated data

Data collection

Section C relates to national and regional registries 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 20 national and regional registries were used for the preparation of the tables in Section C. The following countries participated in Section C of this year's annual report: Albania, Belarus, Bulgaria, Croatia, Cyprus, Czech Republic, Georgia, Israel, Italy, Latvia, Lithuania, Macedonia, Poland, Portugal, Russia, Slovakia, Spain, Tunisia (Sfax region), Turkey, and Ukraine.

Data from Italy are based on 5 of the 20 regions: Calabria, Emilia-Romagna, Liguria, Puglia, and Veneto.

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 B, we used the age and gender distribution of the EU27 of 2010 (see Table 3) as provided by Eurostat [1] for the adjustment of the incidence rates and prevalence.

Coding systems

Primary renal disease

Renal diseases were defined according to both the old and new (2012) ERA-EDTA coding systems and subsequently classified into groups (Appendix 1 and 2). When the 2012 PRD codes were provided, they were categorized into the old PRD groups, which resulted in a somewhat different distribution of the PRD groups

Causes of death

Causes of death were defined according to the ERA-EDTA coding systems and subsequently classified into groups (Appendix 3).

Event type codes

Appendix 4 provides an overview of the coding currently used for event type codes 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 5. For the data analyses SAS 9.4 [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 regard to statistics and data management.

Summary section

The tables and figures in the summary section are based on data from registries providing individual patient data and registries providing aggregated data. Summary statistics were calculated for all registries providing individual patient data (presented as "Individual data"), for all registries providing aggregated data (presented as "Aggregated data") and for all registries combined (presented as "All countries"). Where possible these summary statistics were calculated as the sum of the individual

values. In all other cases summary statistics were calculated as weighted averages. The weights were dependent on the denominator (i.e. the population size for Pmp values and the total incident count or prevalent count for percentages) and were calculated as the contribution of the registry to the total of the registries.

Individual patient data

Incidence and prevalence

The incidence and prevalence tables were based on 32 data sets from national or regional registries from 17 countries that provided individual patient data for 2015, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Region of Murcia), Spain (Navarre), Spain (Valencian region), Sweden, Switzerland, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Methods for calculating incidence and prevalence

The incidence rate and the prevalence of those alive and on RRT were calculated for the total population and for subgroups based on gender, age group, treatment modality, and primary renal disease. The incidence rate 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 rate 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 31st, 2016, 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 2015, when compared to patients who started RRT in the last three months of 2015.

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 the unadjusted incidence rate 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 (Table 3) was therefore used to adjust incidence rates 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 weighted average provides a single summary rate for each country 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 rate. 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	Reference population
	Pmp	%
0-19	332	31.7
20-44	261	39.3
45-64	64	29.0
Total	269	100

The adjusted incident rate of country A is: $(0.317 * 332) + (0.393 * 261) + (0.29 * 64) = 226$ Pmp

Performed kidney transplants

For all participating countries and regions the number of kidney 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 primary renal disease. In addition, patient survival is presented in figures by primary renal disease and by treatment modality. Survival probabilities are presented as percentages from 0 to 100.

For this report the survival analyses were based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Wales/Northern Ireland) and United Kingdom (Scotland). 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.

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

- 2006-2010 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2009-2013 - for the presentation of 90-day, one- and two-year survival probabilities.

31st December 2015 was applied as censoring date for all survival analyses. For the different types of survival analysis the events, competing events and censoring were defined as shown in Table 5.

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

Survival type	Event	Competing 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			
1)	Death of patient		Transplantation Recovery of renal function * Loss to follow-up End of follow-up time
2)	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

* This was only considered as a censored observation when a patient's renal function had recovered for a period of more than 30 days.

Unadjusted survival probabilities

Unadjusted survival probabilities were calculated using the Kaplan-Meier method. In the unadjusted survival analysis the cells in the tables were left blank when there were less than 100 patients in that cell.

Adjusted survival probabilities

The Cox regression model was used to calculate survival probabilities while accounting for confounders [3]. Survival probabilities were adjusted for age, gender and primary renal disease. As the RRT population changes over time, it was decided to adjust for fixed values for a number of variables in the survival analyses to make the results comparable across time periods. The fixed values of variables used for the survival tables are shown in Table 6.

In the tables presenting the adjusted survival probabilities, cells with less than 100 patients were left empty. Patients for whom age, gender, or primary renal disease was missing were excluded.

For Figure B.6.4 the Fine and Gray competing risks method (cause-specific cumulative incidence method) [4,5] was used to estimate the adjusted cumulative probability of death in 5 years for patients starting dialysis, taking into account that these patients can experience a competing event, i.e. a kidney transplantation. This method was also used to estimate the adjusted cumulative probability of receiving a kidney transplant (competing event) and the adjusted cumulative probability of remaining on dialysis (event free).

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

Survival type	Age	Gender	Renal disease
Patients on renal replacement therapy	67 years	63% men	24% Diabetes 19% Hypertension / renal vascular disease 11% Glomerulonephritis 46% Other causes
Patients on dialysis	67 years	63% men	24% Diabetes 19% Hypertension / renal vascular disease 11% Glomerulonephritis 46% Other causes
First transplant recipients (deceased donor)	50 years	63% men	14% Diabetes 10% Hypertension / renal vascular disease 23% Glomerulonephritis 53% Other causes
First transplant recipients (living donor)	50 years	63% men	14% Diabetes 10% Hypertension / renal vascular disease 23% Glomerulonephritis 53% Other causes

Confidence intervals

When survival probabilities were calculated using the Kaplan-Meier method or Cox regression method, the corresponding confidence intervals were calculated according to Bie et al. [6], using the standard error.

Expected remaining lifetimes

Expected remaining lifetimes represent the average number of years of life remaining for those who have reached a given age. In this annual report, expected remaining lifetimes were calculated for patients receiving RRT and for the general population. For the calculation of expected remaining lifetimes of both groups, we adopted the methodology used by the United States Renal Data System (USRDS)[7]. In order to calculate expected remaining lifetimes we used data from registries providing complete follow-up data for the period from 2011 to 2015. 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, France, Greece, Iceland, 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 (Galicia), Spain (Community of Madrid), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England, Northern Ireland and Wales), 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 cannot 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 [1] (based on the EU27 in 2010). 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.

Aggregated data

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

Paediatric Section

The incidence and prevalence tables in Section D of this annual report were based on data from 25 national or regional registries from 16 countries that provided complete individual patient data in their paediatric population for 2010 to 2015, including Austria, Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (community of Madrid), Spain (region of Murcia), Spain (Valencian region), Sweden, Switzerland, the Netherlands, and United Kingdom (Scotland). For France the coverage of the general population by the registry increased from 98.3% in 2010 to 100% from 2012 onwards. For Romania the coverage decreased from 100% in 2010 to 97.8% in 2015. Bosnia Herzegovina and Serbia provided data since 2011, Spain (Region of Murcia) since 2012, Estonia since 2013, and Switzerland (coverage 99.9%) since 2015. 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 allow for this, non-resident paediatric patients were not excluded from the paediatric tables.

Incidence (on day 1) and prevalence on RRT were calculated for subgroups based on age, treatment modality, and primary renal disease. Incidence on RRT by 2-year cohorts was presented for paediatric patients who started RRT between 2010 and 2015. The cohorts 2010-2011, 2012-2013 and 2014-2015 were presented twice, once including and once excluding the countries with a limited follow-up to allow for a comparison over time. The incidence rate 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 2014 plus the total population in 2015) multiplied by one million. The grouping of primary renal disease codes for the paediatric population is described in Table 7 as it differs from the grouping in the adult population.

Table 7: Grouping of primary renal diseases for paediatric patients in Section D
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	missing and 00

The prevalence on RRT was presented at 31st December of each year from 2010 to 2015 and were presented twice, once including and once excluding the above mentioned countries and periods to allow for a comparison over time. The prevalence on RRT by primary renal disease was calculated for patients prevalent on 31st December, 2015.

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Appendices

Appendix 1 - Grouping of primary renal diseases

1994 code	1995 code	PRD group	Primary renal disease
10	10	I	Glomerulonephritis; histologically NOT examined
11	11	I	Focal segmental glomerulosclerosis with nephrotic syndrome in children
12	12	I	IgA nephropathy (proven by immunofluorescence, not code 76 or 85)
13	13	I	Dense deposit disease; membrano-proliferative GN; type II (proven by immunofluorescence / electron microscopy)
14	14	I	Membranous nephropathy
15	15	I	Membrano-proliferative GN; type I (proven by immunofluorescence / electron microscopy, not code 84 or 89)
16	16	I	Crescentic (extracapillary) glomerulonephritis (type I, II, III)
17	17	I	Focal segmental glomerulosclerosis with nephrotic syndrome in adults
19	19	I	Glomerulonephritis; histologically examined, not given above
20	20	II	Pyelonephritis; cause not specified
21	21	II	Pyelonephritis associated with neurogenic bladder
22	22	II	Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux
23	23	II	Pyelonephritis due to acquired obstructive uropathy
24	24	II	Pyelonephritis due to vesico-ureteric reflux without obstruction
25	25	II	Pyelonephritis due to urolithiasis
29	29	II	Pyelonephritis due to other cause
30	30	VII	Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above)
31	31	VII	Nephropathy (interstitial) due to analgesic drugs
32	32	VII	Nephropathy (interstitial) due to cis-platinum
33	33	VII	Nephropathy (interstitial) due to cyclosporin A
	34	VII	Lead induced nephropathy (interstitial)
39	39	VII	Drug induced nephropathy (interstitial) not mentioned above
40	40	VII	Cystic kidney disease - type unspecified
41	41	III	Polycystic kidneys; adult type (dominant)
42	42	VII	Polycystic kidneys; infantile (recessive)
43	43	VII	Medullary cystic disease; including nephronophthisis
49	49	VII	Cystic kidney disease - other specified type
50	50	VII	Hereditary / Familial nephropathy - type unspecified
51	51	VII	Hereditary nephritis with nerve deafness (Alport's Syndrome)
52	52	VII	Cystinosis
53	53	VII	Primary oxalosis
54	54	VII	Fabry's disease
59	59	VII	Hereditary nephropathy - other specified type
60	60	VII	Renal hypoplasia (congenital) - type unspecified
61	61	VII	Oligomeganephronic hypoplasia
63	63	VII	Congenital renal dysplasia with or without urinary tract malformation
66	66	VII	Syndrome of agenesis of abdominal muscles (Prune Belly)
70	70	V	Renal vascular disease - type unspecified
71	71	IV	Renal vascular disease due to malignant hypertension
72	72	IV	Renal vascular disease due to hypertension
73	73	VII	Renal vascular disease due to polyarteritis
74	74	VII	Wegener's granulomatosis
	75	VII	Ischaemic renal disease/cholesterol embolism (1998 prd code)
76	76	VII	Glomerulonephritis related to liver cirrhosis
	78	VII	Cryoglobulinaemic glomerulonephritis
79	79	V	Renal vascular disease - due to other cause (not given above and not code 84-88)
80	80	VI	Diabetes glomerulosclerosis or diabetic nephropathy - Type I
81	80	VI	Diabetes glomerulosclerosis or diabetic nephropathy - Type II
82	82	VII	Myelomatosis / light chain deposit disease
83	83	VII	Amyloid
84	84	VII	Lupus erythematosus
85	85	VII	Henoch-Schoenlein purpura
86	86	VII	Goodpasture's Syndrome
87	87	VII	Systemic sclerosis (scleroderma)
88	88	VII	Haemolytic Uraemic Syndrome (including Moschowitz Syndrome)
89	89	VII	Multi-system disease - other (not mentioned above)
90	90	VII	Tubular necrosis (irreversible) or cortical necrosis (different from 88)
91	91	VII	Tuberculosis
92	92	VII	Gout
93	93	VII	Nephrocalcinosis and hypercalcaemic nephropathy
94	94	VII	Balkan nephropathy
95	95	VII	Kidney tumour
96	96	VII	Traumatic or surgical loss of kidney
99	99	VII	Other identified renal disorders
00	00	VIII	Chronic renal failure; aetiology uncertain

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 primary renal disease codes 2012

I: GLOMERULAR DISEASE

Code Primary renal disease

1003	Adult nephrotic syndrome - no histology
1472	Anti-Glomerular basement membrane (GBM) disease / Goodpasture's syndrome - histologically proven
1464	Anti-Glomerular basement membrane (GBM) disease / Goodpasture's syndrome - no histology
1440	Churg-Strauss syndrome - histologically proven
1438	Churg-Strauss syndrome - no histology
1088	Congenital nephrotic syndrome (CNS) - congenital infection
1057	Congenital nephrotic syndrome (CNS) - diffuse mesangial sclerosis
1042	Congenital nephrotic syndrome (CNS) - Finnish type - histologically proven
1035	Congenital nephrotic syndrome (CNS) - Finnish type - no histology
1061	Congenital nephrotic syndrome (CNS) - focal segmental glomerulosclerosis (FSGS)
1026	Congenital nephrotic syndrome (CNS) - no histology
1570	Cryoglobulinaemia secondary to hepatitis C - histologically proven
1562	Cryoglobulinaemia secondary to hepatitis C - no histology
1591	Cryoglobulinaemia secondary to systemic disease - histologically proven
1589	Cryoglobulinaemia secondary to systemic disease - no histology
1074	Denys-Drash syndrome
1331	Diffuse endocapillary glomerulonephritis
1558	Essential mixed cryoglobulinaemia - histologically proven
1543	Essential mixed cryoglobulinaemia - no histology
1308	Familial focal segmental glomerulosclerosis (FSGS) - autosomal dominant - histologically proven
1298	Familial focal segmental glomerulosclerosis (FSGS) - autosomal dominant - no histology
1280	Familial focal segmental glomerulosclerosis (FSGS) - autosomal recessive - histologically proven
1279	Familial focal segmental glomerulosclerosis (FSGS) - autosomal recessive - no histology
1144	Familial IgA nephropathy - histologically proven
1137	Familial IgA nephropathy - no histology
1354	Focal and segmental proliferative glomerulonephritis
1320	Focal segmental glomerulosclerosis (FSGS) secondary to obesity - histologically proven
1312	Focal segmental glomerulosclerosis (FSGS) secondary to obesity - no histology
1377	Glomerulonephritis - histologically indeterminate
3749	Glomerulonephritis - no histology
1365	Glomerulonephritis - secondary to other systemic disease
1417	Granulomatosis with polyangiitis - histologically proven
1401	Granulomatosis with polyangiitis - no histology
1515	Henoch-Schönlein purpura / nephritis - histologically proven
1504	Henoch-Schönlein purpura / nephritis - no histology
1251	Idiopathic rapidly progressive (crescentic) glomerulonephritis
1128	IgA nephropathy - histologically proven
1116	IgA nephropathy - no histology
1163	IgA nephropathy secondary to liver cirrhosis - histologically proven
1159	IgA nephropathy secondary to liver cirrhosis - no histology
1171	IgM - associated nephropathy
1205	Membranous nephropathy - drug induced
1185	Membranous nephropathy - idiopathic
1214	Membranous nephropathy - infection associated
1192	Membranous nephropathy - malignancy associated
1349	Mesangial proliferative glomerulonephritis
1222	Mesangiocapillary glomerulonephritis type 1
1233	Mesangiocapillary glomerulonephritis type 2 (dense deposit disease)
1246	Mesangiocapillary glomerulonephritis type 3
1429	Microscopic polyangiitis - histologically proven
1100	Minimal change nephropathy - histologically proven
1090	Minimal change nephropathy - no histology
3615	Nephrotic syndrome of childhood - no trial of steroids - no histology
3604	Nephrotic syndrome of childhood - steroid resistant - no histology
1019	Nephrotic syndrome of childhood - steroid sensitive - no histology
1455	Polyarteritis nodosa
1267	Primary focal segmental glomerulosclerosis (FSGS)
1536	Renal scleroderma / systemic sclerosis - histologically proven
1527	Renal scleroderma / systemic sclerosis - no histology
1493	Systemic lupus erythematosus / nephritis - histologically proven
1486	Systemic lupus erythematosus / nephritis - no histology
1383	Systemic vasculitis - ANCA negative - histologically proven
1396	Systemic vasculitis - ANCA positive - no histology

II: TUBULOINTERSTITIAL DISEASE**Code Primary renal disease**

1768	Acquired obstructive nephropathy due to neurogenic bladder
1752	Acquired obstructive uropathy / nephropathy
2196	Acute urate nephropathy - histologically proven
2183	Acute urate nephropathy - no histology
1995	Aristolochic acid nephropathy (Balkan / Chinese herb / endemic nephropathy) - histologically proven
1982	Aristolochic acid nephropathy (Balkan / Chinese herb / endemic nephropathy) - no histology
1710	Bladder exstrophy
1845	Calcium oxalate urolithiasis
1832	Calculus nephropathy / urolithiasis
2203	Chronic urate nephropathy - histologically proven
3636	Chronic urate nephropathy - no histology
1625	Congenital dysplasia / hypoplasia
1706	Congenital neurogenic bladder
1660	Congenital pelvi-ureteric junction obstruction
1673	Congenital vesico-ureteric junction obstruction
2014	Drug-induced tubulointerstitial nephritis - histologically proven
2005	Drug-induced tubulointerstitial nephritis - no histology
1641	Dysplasia due to fetal ACE-inhibitor exposure
1850	Enteric hyperoxaluria
1911	Familial interstitial nephropathy - histologically proven
1907	Familial interstitial nephropathy - no histology
1618	Familial reflux nephropathy
1656	Glomerulocystic disease
2257	Hantavirus nephropathy
3662	Hypercalcaemic nephropathy
1813	Idiopathic retroperitoneal fibrosis
2177	Lead induced nephropathy - histologically proven
2165	Lead induced nephropathy - no histology
2242	Leptospirosis
1866	Magnesium ammonium phosphate (struvite) urolithiasis
1723	Megacystis-megaureter
1639	Multicystic dysplastic kidneys
2098	Nephropathy due to aminoglycosides - histologically proven
2080	Nephropathy due to aminoglycosides - no histology
2112	Nephropathy due to amphotericin - histologically proven
2108	Nephropathy due to amphotericin - no histology
2033	Nephropathy due to analgesic drugs - histologically proven
2022	Nephropathy due to analgesic drugs - no histology
2051	Nephropathy due to ciclosporin - histologically proven
2046	Nephropathy due to ciclosporin - no histology
2131	Nephropathy due to cisplatin - histologically proven
2120	Nephropathy due to cisplatin - no histology
2154	Nephropathy due to lithium - histologically proven
2149	Nephropathy due to lithium - no histology
2079	Nephropathy due to tacrolimus - histologically proven
2067	Nephropathy due to tacrolimus - no histology
2288	Nephropathy related to HIV - histologically proven
2274	Nephropathy related to HIV - no histology
1799	Obstructive nephropathy due to bladder cancer
1809	Obstructive nephropathy due to other malignancies
1781	Obstructive nephropathy due to prostate cancer
1775	Obstructive nephropathy due to prostatic hypertrophy
1734	Oligomeganephronia
2300	Other specific infection
1687	Posterior urethral valves
1602	Primary reflux nephropathy - sporadic
2219	Radiation nephritis
2226	Renal / perinephric abscess
3627	Renal cysts and diabetes syndrome
1747	Renal papillary necrosis - cause unknown
1976	Renal sarcoidosis - histologically proven
1969	Renal sarcoidosis - no histology
2235	Renal tuberculosis
3689	Retroperitoneal fibrosis secondary to drugs
1821	Retroperitoneal fibrosis secondary to malignancies
3670	Retroperitoneal fibrosis secondary to peri-aortitis
2290	Schistosomiasis
1694	Syndrome of agenesis of abdominal muscles - prune belly syndrome
1897	Tubulointerstitial nephritis - histologically proven

II: TUBULOINTERSTITIAL DISEASE (continued)**Code Primary renal disease**

1884	Tubulointerstitial nephritis - no histology
1930	Tubulointerstitial nephritis associated with autoimmune disease - histologically proven
1924	Tubulointerstitial nephritis associated with autoimmune disease - no histology
1953	Tubulointerstitial nephritis with uveitis (TINU) - histologically proven
1948	Tubulointerstitial nephritis with uveitis (TINU) - no histology
1878	Uric acid urolithiasis
2261	Xanthogranulomatous pyelonephritis

III: SYSTEMIC DISEASE AFFECTING THE KIDNEY**Code Primary renal disease**

2513	AA amyloid secondary to chronic inflammation
2392	Ageing kidney - no histology
2521	AL amyloid secondary to plasma cell dyscrasia
2448	Atheroembolic renal disease - histologically proven
2430	Atheroembolic renal disease - no histology
2623	Atypical haemolytic uraemic syndrome (HUS) - diarrhoea negative
2482	Cardiorenal syndrome
2363	Chronic hypertensive nephropathy - histologically proven
2359	Chronic hypertensive nephropathy - no histology
2652	Congenital haemolytic uraemic syndrome (HUS)
2328	Diabetic nephropathy in type I diabetes - histologically proven
2316	Diabetic nephropathy in type I diabetes - no histology
2344	Diabetic nephropathy in type II diabetes - histologically proven
2337	Diabetic nephropathy in type II diabetes - no histology
2566	Familial AA amyloid secondary to familial Mediterranean fever / TRAPS (Hibernian fever) - histologically proven
2550	Familial AA amyloid secondary to familial Mediterranean fever / TRAPS (Hibernian fever) - no histology
2545	Familial amyloid secondary to protein mutations - histologically proven
2532	Familial amyloid secondary to protein mutations - no histology
2668	Familial haemolytic uraemic syndrome (HUS)
2675	Familial thrombotic thrombocytopenic purpura (TTP)
2453	Fibromuscular dysplasia of renal artery
2610	Haemolytic uraemic syndrome (HUS) - diarrhoea associated
2647	Haemolytic uraemic syndrome (HUS) secondary to systemic disease
2495	Hepatorenal syndrome
2606	Immunotactoid / fibrillary nephropathy
2407	Ischaemic nephropathy - no histology
2411	Ischaemic nephropathy / microvascular disease - histologically proven
2597	Light chain deposition disease
2385	Malignant hypertensive nephropathy / accelerated hypertension nephropathy - histologically proven
2371	Malignant hypertensive nephropathy / accelerated hypertension nephropathy - no histology
2584	Myeloma cast nephropathy - histologically proven
2578	Myeloma kidney - no histology
2681	Nephropathy due to pre-eclampsia / eclampsia
2509	Renal amyloidosis
2469	Renal arterial thrombosis / occlusion
2424	Renal artery stenosis
2476	Renal vein thrombosis
2702	Sickle cell nephropathy - histologically proven
2699	Sickle cell nephropathy - no histology
2634	Thrombotic thrombocytopenic purpura (TTP)

IV: FAMILIAL / HEREDITARY NEPHROPATHIES**Code Primary renal disease**

3071	Alagille syndrome
2760	Alport syndrome - histologically proven
2756	Alport syndrome - no histology
3118	Apparent mineralocorticoid excess
2718	Autosomal dominant (AD) polycystic kidney disease
2725	Autosomal dominant (AD) polycystic kidney disease type I
2739	Autosomal dominant (AD) polycystic kidney disease type II
2741	Autosomal recessive (AR) polycystic kidney disease
3085	Bartter syndrome
2773	Benign familial haematuria
3322	Branchio-oto-renal syndrome
2794	Cystic kidney disease
2964	Cystinosis

IV: FAMILIAL / HEREDITARY NEPHROPATHIES (continued)**Code Primary renal disease**

2955	Cystinuria
2929	Dent disease
3028	Distal renal tubular acidosis (RTA) - type I
3037	Distal renal tubular acidosis with sensorineural deafness - gene mutations
3230	Fabry disease - histologically proven
3224	Fabry disease - no histology
3173	Familial hypercalciuric hypocalcaemia
3160	Familial hypocalciuric hypercalcaemia
3187	Familial hypomagnesaemia
3379	Familial nephropathy
3314	Frasier syndrome
3092	Gitelman syndrome
3125	Glucocorticoid suppressible hyperaldosteronism
3305	Horse-shoe kidney
2993	Hypophosphataemic rickets autosomal recessive (AR)
2986	Hypophosphataemic rickets X-linked (XL)
3139	Inherited / genetic diabetes mellitus type II
2940	Inherited aminoaciduria
2972	Inherited renal glycosuria
3351	Lawrence-Moon-Biedl / Bardet-Biedl syndrome
3059	Lesch Nyhan syndrome - hypoxanthine guanine phosphoribosyl transferase deficiency
3102	Liddle syndrome
2938	Lowe syndrome (oculocerebrorenal syndrome)
2804	Medullary cystic kidney disease type I
2815	Medullary cystic kidney disease type II
3295	Medullary sponge kidneys
3367	Mitochondrial cytopathy
3253	Nail-patella syndrome
3044	Nephrogenic diabetes insipidus
2836	Nephronophthisis
2843	Nephronophthisis - type 1 (juvenile type)
2858	Nephronophthisis - type 2 (infantile type)
2862	Nephronophthisis - type 3 (adolescent type)
2870	Nephronophthisis - type 4 (juvenile type)
2889	Nephronophthisis - type 5
2891	Nephronophthisis - type 6
3063	Phosphoribosyl pyrophosphate synthetase (PRPPS) superactivity
2901	Primary Fanconi syndrome
3194	Primary hyperoxaluria
3207	Primary hyperoxaluria type I
3211	Primary hyperoxaluria type II
3731	Primary hyperoxaluria type III
3000	Primary renal tubular acidosis (RTA)
3016	Proximal renal tubular acidosis (RTA) - type II
3141	Pseudohypoaldosteronism type 1
3156	Pseudohypoaldosteronism type 2 (Gordon syndrome)
3658	Renal coloboma syndrome
3269	Rubinstein-Taybi syndrome
2787	Thin basement membrane disease
3346	Townes-Brocks syndrome
3276	Tuberous sclerosis
2917	Tubular disorder as part of inherited metabolic diseases
2827	Uromodulin-associated nephropathy (familial juvenile hyperuricaemic nephropathy)
3282	von Hippel-Lindau disease
3333	Williams syndrome
3248	Xanthinuria

V: MISCELLANEOUS RENAL DISORDERS**Code Primary renal disease**

3442	Acute cortical necrosis
3380	Acute kidney injury
3403	Acute kidney injury due to circulatory failure
3398	Acute kidney injury due to hypovolaemia
3435	Acute kidney injury due to nephrotoxicity
3426	Acute kidney injury due to rhabdomyolysis
3419	Acute kidney injury due to sepsis
3457	Acute pyelonephritis

V: MISCELLANEOUS RENAL DISORDERS (continued)**Code Primary renal disease**

3564	Chronic kidney disease (CKD) / chronic renal failure (CRF) - aetiology uncertain / unknown - histologically proven
3555	Chronic kidney disease (CKD) / chronic renal failure (CRF) - aetiology uncertain / unknown - no histology
3529	Chronic kidney disease (CKD) / chronic renal failure (CRF) caused by tumour nephrectomy
3540	Chronic kidney disease (CKD) / chronic renal failure (CRF) due to donor nephrectomy
3538	Chronic kidney disease (CKD) / chronic renal failure (CRF) due to traumatic loss of kidney
3708	Chronic renal failure
3643	Chronic renal failure due to systemic infection
3572	Haematuria and proteinuria - no histology
3712	Isolated haematuria - no histology
3720	Isolated proteinuria - no histology
3461	Kidney tumour
3501	Mesoblastic nephroma - histologically proven
3474	Renal cell carcinoma - histologically proven
3691	Renal failure
3517	Single kidney identified in adulthood
3488	Transitional cell carcinoma - histologically proven
3490	Wilms tumour - histologically proven

Appendix 3 - Grouping of causes of death

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

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 4 - Event type codes

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

Appendix 5 - Renal registries contributing data for the different types of analyses

	Registries providing individual patient data			Registries providing aggregated data	Registries providing paediatric data
	Incidence and prevalence	Survival	Expected remaining lifetimes	Incidence and prevalence	Incidence and prevalence
Albania	-	-	-	+	-
Austria	+	+	+	-	+
Belarus	-	-	-	+	-
Belgium, Dutch-speaking	+	+	+	-	-
Belgium, French-speaking	+	+	+	-	-
Bosnia and Herzegovina	+	-	-	-	+
Bulgaria	-	-	-	+	-
Croatia	-	-	-	+	-
Cyprus	-	-	-	+	-
Czech Republic	-	-	-	+	-
Denmark	+	+	+	-	+
Estonia	+	-	-	-	+
Finland	+	+	+	-	+
France	+	+	+	-	+
Georgia	-	-	-	+	-
Greece	+	+	+	-	+
Iceland	+	+	+	-	+
Israel	-	-	-	+	-
Italy (5 of 20 regions)	-	-	-	+	-
Latvia	-	-	-	+	-
Lithuania	-	-	-	+	-
Macedonia	-	-	-	+	-
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, Extremadura	+	+	+	+	+
Spain, Galicia	+	+	+	+	+
Spain, Melilla	-	-	-	+	-
Spain, Community of Madrid	+	+	+	+	+
Spain, Region of Murcia	+	-	-	+	+
Spain, Navarre	+	-	-	+	-
Spain, La Rioja	-	-	-	+	-
Spain, Valencian region	+	+	+	+	+
Sweden	+	+	+	-	+
Switzerland	+	-	-	-	+
the Netherlands	+	+	+	-	+
Tunisia, Sfax region	-	-	-	+	-
Turkey	-	-	-	+	-
Ukraine	-	-	-	+	-
United Kingdom, England	+	+	+	-	-
United Kingdom, Northern Ireland	+	+	+	-	-
United Kingdom, Scotland	+	+	+	-	+
United Kingdom, Wales	+	+	+	-	-

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