



FUROPEAN **R**ENAL **A**SSOCIATION

EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION

Registered Charity No. 1060134

Annual Report 2007



ERA-EDTA Registry

ISBN

978-90-814451-1-5

Suggested Citation

ERA-EDTA Registry: ERA-EDTA Registry Annual Report 2007. Academic Medical Center, Department of Medical Informatics, Amsterdam, The Netherlands, 2009

ERA-EDTA Registry
Annual Report 2007

ERA-EDTA Registry

Academic Medical Center
Department of Medical Informatics
PO Box 22700
1100 DE Amsterdam
The Netherlands

Telephone +31 20 566 7637
Fax +31 20 691 9840
E-mail erareg@amc.uva.nl
Website www.era-edta-reg.org

ERA-EDTA Registry Committee

GM London, France (ERA-EDTA President)

C Zoccali, Italy (Chairman)

C Wanner, Germany (Newsletter Editor)

D Ansell, United Kingdom

C Combe, France

F García López, Spain

R Kramar, Austria

T Leivestad, Norway

A MacLeod, United Kingdom

J Tizard, United Kingdom

E Verrina, Italy

Registry Office Staff

KJ Jager, senior epidemiologist (Managing Director)

AM van den Broek, data manager

R Cornet, senior medical informatician

FW Dekker, senior epidemiologist

A Kramer, medical informatician

MWM van de Luijtgaarden, epidemiologist

M Noordzij, epidemiologist

VS Stel, epidemiologist

KJ van Stralen, epidemiologist

Acknowledgements

The ERA-EDTA Registry would like to thank the patients and staff of all the dialysis and transplant units who have contributed data via their national and regional renal registries. In addition, we would like to thank the following persons and organizations for their contribution to the work of the ERA-EDTA Registry.

For contribution to Section A

Registry	Contributors
Austria	R Kramar and R Oberbauer
Belgium, Dutch-speaking	H Augustijn, B De Moor, and J De Meester
Belgium, French-speaking	JM des Grottes and F Collart
Denmark	J Heaf
Finland	P Finne and C Grönhagen-Riska
Greece	GA Ioannidis
Iceland	R Palsson
Italy (12 of 20 regions)	A Rustici, M Nichelatti, A Limido, F Antonucci, B Giacon, A Santoro, A Rosati, M Standoli, S DiGiulio, M Bonomini, D Torres, F Casino, M Postorino, and AM Pinna
Norway	T Leivestad
Romania	G Mircescu, L Garneata, and E Podgoreanu
Spain, Andalusia	P Castro de la Nuez and JM Muñoz Terol
Spain, Aragon	Registro de Insuficiencia Renal Crónica en Tratamiento Sustitutivo de Aragón
Spain, Asturias	R Alonso de la Torre, Á Rocés, and E Sánchez
Spain, Basque country	Á Magaz, J Aranzabal, I Lampreabe, and J Arrieta
Spain, Cantabria	J González Cotorruelo and O García Ruíz
Spain, Castile and Leon	AM Olmos and R González
Spain, Castile-La Mancha	G Gutierrez and I Moreno
Spain, Catalonia	E Arcos, J Comas, R Deulofeu, and J Twose
Spain, Valencian region	O Zurriaga and M Ferrer
Sweden	S Schön, KG Prütz, A Seeberger, L Bäckman, and B Rippe
The Netherlands	A Hoitsma and A Hemke
United Kingdom, England/Northern Ireland/Wales	D Ansell and C Tomson
United Kingdom, Scotland	W Metcalfe and K Simpson

For contribution to Section B

Registry	Contributors
Bosnia-Herzegovina	H Resić, E Mešić, and A Hukeljic
Czech Republic	I Rychlík, J Potucek, and F Lopot
Estonia	Ü Pechter, M Luman, and M Rosenberg
France (18 of 24 regions)	M Lassalle and C Couchoud
FYR of Macedonia	O Stojceva-Taneva and A Sikole
Israel	The Israeli Society for Nephrology and Hypertension and The Israel Center for Disease Control
Italy (14 of 20 regions)	A Limido, A Rustici, and M Nichelatti
Latvia	H Cernevskis and V Kuzema
Montenegro	M Ratkovic and S Ivanovic
Poland	B Rutkowski, G Korejwo, and P Jagodzinski
Portugal	F Macário, E Rocha, and J Vinhas
Russia	NA Tomilina and BT Bikbov
Slovakia	J Fekete, M Demeš, and M Hassan
Spain (17 of 19 regions)	Spanish RRT National Registry, Spanish Regional Registries, and Spanish Society of Nephrology
Tunisia	C Mahjoubi, H Trimech, and F Jarraya
Turkey	K Serdengeçti and G Süleymanlar
Ukraine	M Kolesnyk, G Vladzijejskaya, and J Samuseva

The ERA-EDTA Registry is funded by the European Renal Association - European Dialysis and Transplant Association (ERA-EDTA).

Table of Contents

I	Introduction	11
	Chapter overview	13
	New to this edition	13
	ERA-EDTA Registry website	13
	ESPN/ERA-EDTA Registry website	13
II	Reference Tables - Section A	15
A1	AFFILIATED REGISTRY INFORMATION FOR 2007	
	Table A.1.1	16
	General population of the country/region and percent coverage of general population	
	Table A.1.2	17
	Renal centres: total number of centres and number of collaborating centres	
A2	INCIDENT PATIENTS ACCEPTED FOR RRT IN 2007, AT DAY 1	
	Table A.2.1	18
	Incident counts and percentages <i>at day 1, by age and gender</i>	
	Table A.2.2	19
	Gender, mean age, and median age of incident patients <i>at day 1</i>	
	Table A.2.3	20
	Incident rates per million population, unadjusted <i>at day 1, by age and gender</i>	
	Table A.2.4	21
	Incident rates per million population, unadjusted <i>at day 1, by cause of renal failure</i>	
	Table A.2.5	22
	Incident rates per million population, adjusted <i>at day 1, by cause of renal failure, adjusted for age and gender</i>	
A3	INCIDENT PATIENTS ACCEPTED FOR RRT IN 2007, AT DAY 91	
	Table A.3.1	23
	Incident counts and percentages <i>at day 91, by age and gender</i>	
	Table A.3.2	24
	Gender, mean age, and median age of incident patients <i>at day 91</i>	
	Table A.3.3	25
	Incident rates per million population, unadjusted <i>at day 91, by age and gender</i>	
	Table A.3.4	26
	Incident rates per million population, unadjusted <i>at day 91, by cause of renal failure</i>	
	Table A.3.5	27
	Incident rates per million population, adjusted <i>at day 91, by cause of renal failure, adjusted for age and gender</i>	
	Table A.3.6	28
	Incident counts <i>at day 91, by established therapy</i>	
	Table A.3.7	29
	Incident rates per million population, unadjusted <i>at day 91, by established therapy</i>	
	Table A.3.8	30
	Incident rates per million population, adjusted <i>at day 91, by established therapy, adjusted for age and gender</i>	

Table A.3.9	31
Percentages of established therapy, unadjusted at day 91	
Table A.3.10	32
Percentages of established therapy, unadjusted at day 91, by age, gender, and primary diagnosis	
A4 PREVALENT PATIENTS ON RRT IN 2007	
Table A.4.1	33
Prevalent counts and percentages prevalent patients on December 31, by age and gender	
Table A.4.2	34
Gender, mean age, and median age prevalent patients on December 31	
Table A.4.3	35
Prevalence per million population, unadjusted prevalent patients on December 31, by age and gender	
Table A.4.4	36
Prevalence per million population and percentages, unadjusted prevalent patients on December 31, by cause of renal failure	
Table A.4.5	37
Prevalence per million population, adjusted prevalent patients on December 31, by cause of renal failure, adjusted for age and gender	
Table A.4.6	38
Prevalent counts prevalent patients on December 31, by established therapy	
Table A.4.7	39
Prevalence per million population, unadjusted prevalent patients on December 31, by established therapy	
Table A.4.8	40
Prevalence per million population, adjusted prevalent patients on December 31, by established therapy, adjusted for age and gender	
Table A.4.9	41
Percentages of established therapy, unadjusted prevalent patients on December 31	
Table A.4.10	42
Percentages of established therapy, unadjusted prevalent patients on December 31, by age, gender, and primary diagnosis	
A5 RENAL TRANSPLANTS IN 2007	
Table A.5.1	43
Renal transplants performed in 2007, numbers and percentages by donor type	
Table A.5.2	44
Renal transplants performed in 2007, per million population by donor type	
A6 SURVIVAL PROBABILITY	
Patient Survival on RRT	
Table A.6.1	46
90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, unadjusted from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis	
Table A.6.2	47
90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, adjusted from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis	
Table A.6.3	48
One-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, unadjusted from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis	
Table A.6.4	49
One-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis	
Table A.6.5	50
90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, unadjusted from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis	
Table A.6.6	51
90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis	

Table A.6.7	52
One- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, unadjusted <i>from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis</i>	
Table A.6.8	53
One- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, adjusted <i>from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis</i>	
<u>Patient Survival on Dialysis</u>	
Table A.6.9	54
90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, unadjusted <i>from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis</i>	
Table A.6.10	55
90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, adjusted <i>from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.11	56
One-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, unadjusted <i>from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis</i>	
Table A.6.12	57
One-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, adjusted <i>from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.13	58
90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, unadjusted <i>from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis</i>	
Table A.6.14	59
90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, adjusted <i>from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.15	60
One- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, unadjusted <i>from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis</i>	
Table A.6.16	61
One- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, adjusted <i>from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis</i>	
<u>Patient Survival after First Transplant (deceased donor)</u>	
Table A.6.17	62
One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (deceased donor), unadjusted <i>from day of transplant to one, two, and five years, by age, gender, and primary diagnosis</i>	
Table A.6.18	63
One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (deceased donor), adjusted <i>from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.19	64
One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (deceased donor), unadjusted <i>from day of transplant to one and two years, by age, gender, and primary diagnosis</i>	
Table A.6.20	65
One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (deceased donor), adjusted <i>from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis</i>	
<u>Patient Survival after First Transplant (living donor)</u>	
Table A.6.21	66
One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (living donor), unadjusted <i>from day of transplant to one, two, and five years, by age, gender, and primary diagnosis</i>	
Table A.6.22	67
One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (living donor), adjusted <i>from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.23	68
One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (living donor), unadjusted <i>from day of transplant to one and two years, by age, gender, and primary diagnosis</i>	
Table A.6.24	69
One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (living donor), adjusted <i>from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis</i>	

Graft Survival after First Transplant (deceased donor)	
Table A.6.25	70
One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (deceased donor), unadjusted from day of transplant to one, two, and five years, by age, gender, and primary diagnosis	
Table A.6.26	71
One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis	
Table A.6.27	72
One- and two-year survival probabilities (cohort 2001-2005): First graft (deceased donor), unadjusted from day of transplant to one and two years, by age, gender, and primary diagnosis	
Table A.6.28	73
One- and two-year survival probabilities (cohort 2001-2005): First graft (deceased donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis	

Graft Survival after First Transplant (living donor)	
Table A.6.29	74
One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (living donor), unadjusted from day of transplant to one, two, and five years, by age, gender, and primary diagnosis	
Table A.6.30	75
One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis	
Table A.6.31	76
One- and two-year survival probabilities (cohort 2001-2005): First graft (living donor), unadjusted from day of transplant to one and two years, by age, gender, and primary diagnosis	
Table A.6.32	77
One- and two-year survival probabilities (cohort 2001-2005): First graft (living donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis	

Patient Survival by Modality and Primary Diagnosis	
Figure A.6.1	78
Adjusted survival (cohort 1998-2002): Incident dialysis patients and patients receiving a first transplant (between 1998 and 2002) from day 91, by modality, adjusted for age, gender, and primary diagnosis	
Figure A.6.2	78
Adjusted survival (cohort 1998-2002): Incident haemodialysis patients from day 91, by primary diagnosis, adjusted for age and gender	
Figure A.6.3	78
Adjusted survival (cohort 1998-2002): Incident peritoneal dialysis patients from day 91, by primary diagnosis, adjusted for age and gender	

A7 EXPECTED REMAINING LIFETIMES

Table A.7.1	79
Expected remaining lifetimes (years) of the general population in 2000, and of prevalent dialysis and transplant patients in 2006 and 2007 (includes mortality in the first 90 days) by age and gender	

III Reference Tables - Section B 81

B1 AFFILIATED REGISTRY INFORMATION FOR 2007

Table B.1.1	82
General population of the country/region and percent coverage of general population	
Table B.1.2	83
Renal centres: total number of centres and number of collaborating centres	

B2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2007, AT DAY 1

Table B.2.1	84
Incident counts and incident rates per million population, unadjusted at day 1	
Table B.2.2	85
Gender, mean age, and median age of incident patients at day 1	
Table B.2.3	86
Incident rates per million population, adjusted at day 1, adjusted for age and gender	
Table B.2.4	87
Incident rates per million population and percentages, unadjusted at day 1, by cause of renal failure	

B3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2007, AT DAY 91

Table B.3.1 **88**
 Incident counts and incident rates per million population, unadjusted
at day 91

Table B.3.2 **89**
 Gender, mean age, and median age of incident patients
at day 91

Table B.3.3 **90**
 Incident rates per million population, adjusted
at day 91, adjusted for age and gender

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

Table B.3.5 **92**
 Incident counts
at day 91, by established therapy

Table B.3.6 **93**
 Incident rates per million population, unadjusted
at day 91, by established therapy

Table B.3.7 **94**
 Percentages of established therapy, unadjusted
at day 91

B4 PREVALENT PATIENTS ON RRT IN 2007

Table B.4.1 **95**
 Prevalent counts and prevalent rates per million population, unadjusted
prevalent patients on December 31

Table B.4.2 **96**
 Gender, mean age, and median age
prevalent patients on December 31

Table B.4.3 **97**
 Prevalence per million population, adjusted
prevalent patients on December 31, adjusted for age and gender

Table B.4.4 **98**
 Prevalence per million population and percentages, unadjusted
prevalent patients on December 31, by cause of renal failure

Table B.4.5 **99**
 Prevalent counts
prevalent patients on December 31, by established therapy

Table B.4.6 **100**
 Prevalence per million population, unadjusted
prevalent patients on December 31, by established therapy

Table B.4.7 **101**
 Percentages of established therapy, unadjusted
prevalent patients on December 31

B5 RENAL TRANSPLANTS IN 2007

Table B.5.1 **102**
 Renal transplants performed in 2007, numbers and percentages
by donor type

Table B.5.2 **103**
 Renal transplants performed in 2007, per million population
by donor type

IV Summary Data **105**

Table S.1.1 **107**
 Section A - Summary data from registries providing individual patient data

Table S.1.2 **108**
 Section B - Summary data from registries providing aggregated data

P1 GENERAL CHARACTERISTICS

Table P.1.1 111
 Population covered (in thousands)
by age and year

Table P.1.2 111
 Grouping of primary renal disease codes for paediatric patients
by primary renal disease code

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.1 112
 Incident counts
at day 1, by age and cohort

Table P.2.2 112
 Incident rates per million age-related population (per year)
at day 1, by age and cohort

Table P.2.3 112
 Incident counts
between 1998 and 2007, at day 1, by age and cause of renal failure

Table P.2.4 112
 Incident rates per million age-related population (per year)
between 1998 and 2007, at day 1, by age and cause of renal failure

Table P.2.5 113
 Incident counts
at day 1, by age, treatment modality, and cohort

Table P.2.6 113
 Incident rates per million age-related population (per year)
at day 1, by age, treatment modality, and cohort

P3 PREVALENT PATIENTS ON RRT

Table P.3.1 113
 Prevalent counts
prevalent patients on December 31, by age and year

Table P.3.2 113
 Prevalence per million age-related population (per year)
prevalent patients on December 31, by age and year

Table P.3.3 114
 Prevalent counts
prevalent patients on December 31, 2007, by age and cause of renal failure

Table P.3.4 114
 Prevalence per million age-related population (per year)
prevalent patients on December 31, 2007, by age and cause of renal failure

Table P.3.5 114
 Prevalent counts
prevalent patients on December 31, by age, treatment modality, and year

Table P.3.6 114
 Prevalence per million age-related population (per year)
prevalent patients on December 31, by age, treatment modality, and year

VI Methods

Data collection and preparation 117

Definitions and coding systems 120

Statistical analyses 121

Bibliography 124

VII Appendices

Appendix 1 - Grouping of primary renal diseases 126

Appendix 2 - Grouping of causes of death 127

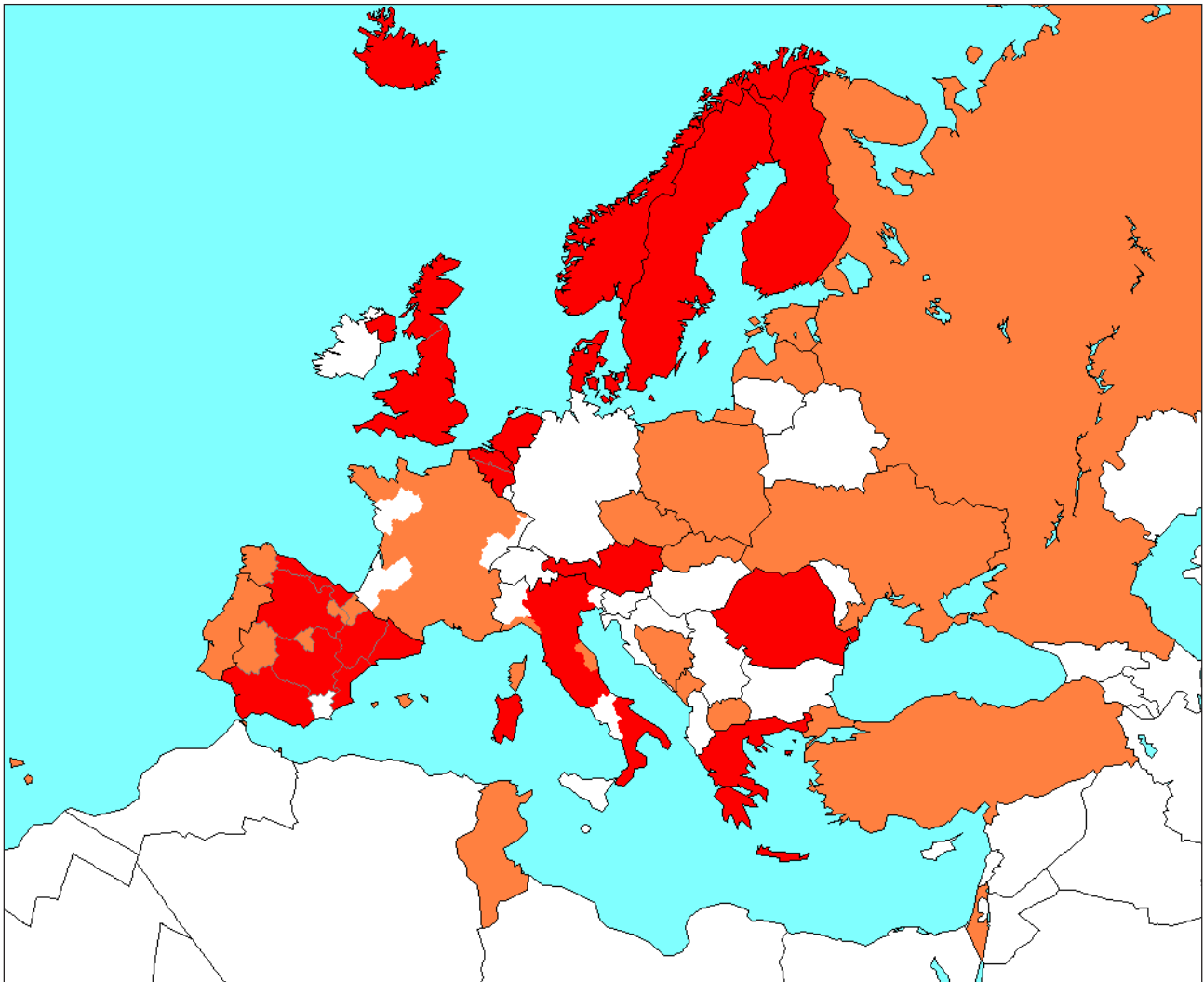
Appendix 3 - Treatment modalities 128

Appendix 4 - Abbreviations 129

Appendix 5 - Renal registries contributing data for the different types of analyses 130

I Introduction

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



registries contributing individual patient data



registries contributing aggregated data



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

I Introduction

The ERA-EDTA Registry collects data on renal replacement therapy (RRT) via the national and regional renal registries in Europe. For this Annual Report 2007 it used data from 49 national or regional registries in 28 countries. The reference tables are presented in two parts: Section A (chapter II) and Section B (chapter III). Section A relates to individual patient data from 34 national and regional registries from 13 countries (shown in red in Figure 1), whereas section B relates to 17 national registries from 17 countries providing aggregated data based on individual patient data, centre questionnaire data or information from health authorities (shown in orange in Figure 1).

Chapter overview

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

New to this edition

In this annual report, four tables have been added to the paediatric section (chapter V). These new tables contain data on prevalent patients by type of treatment and by cause of renal disease. Furthermore, Appendix 5 was added providing an overview of renal registries contributing data for the different types of analyses.

ERA-EDTA Registry website

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

ESPN/ERA-EDTA Registry website

Information on the activities of the European Society for Paediatric Nephrology (ESPN)/ERA-EDTA Registry and on paediatric registries in general is provided at the ESPN/ERA-EDTA Registry website: www.espn-reg.org.

II Reference Tables - Section A

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

	General population of whole country/region in thousands	% Coverage of general population by the registry for individual patient data
Austria	8281	100
Belgium, Dutch-speaking	6140	100
Belgium, French-speaking	4486	100
Denmark	5461	100
Finland	5289	100
Greece	11193	100
Iceland	311	100
Italy (12 of 20 regions)	59375	56.5
Norway	4709	100
Romania	21547	100
Spain, Andalusia	8131	100
Spain, Aragon	1312	100
Spain, Asturias	1078	100
Spain, Basque country	2149	100
Spain, Cantabria	577	100
Spain, Castile and Leon	2543	100
Spain, Castile-La Mancha	2010	100
Spain, Catalonia	7211	100
Spain, Valencian region	4885	100
Sweden	9148	100
The Netherlands	16382	100
United Kingdom, All countries	60976	100
United Kingdom, England	51092	100
United Kingdom, Northern Ireland	1759	100
United Kingdom, Scotland	5144	100
United Kingdom, Wales	2980	100

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

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry for individual patient data
Austria	74	74
Belgium, Dutch-speaking	27	27
Belgium, French-speaking	29	29
Denmark	15	15
Finland	29	29
Greece	144	144
Iceland	1	1
Italy (12 of 20 regions)	658	283
Norway	22	22
Romania	75	75
Spain, Andalusia	55	55
Spain, Aragon	10	10
Spain, Asturias	9	9
Spain, Basque country	10	10
Spain, Cantabria	2	2
Spain, Castile and Leon	24	24
Spain, Castile-La Mancha	12	12
Spain, Catalonia	45	45
Spain, Valencian region	46	46
Sweden	66	66
The Netherlands	61	61
United Kingdom, All countries *	72	72
United Kingdom, England	52	52
United Kingdom, Northern Ireland	5	5
United Kingdom, Scotland	11	11
United Kingdom, Wales	5	5

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

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

	All						0-19						20-44						45-64						65-74						75+					
	All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%						
Austria	1261	100	793	100	468	100	17	1	9	1	8	2	123	10	78	10	45	10	400	32	278	35	122	26	365	29	216	27	149	32	356	28	212	27	144	31
Belgium, Dutch-speaking *	1143	100	695	100	448	100							80	7	50	7	30	7	282	25	185	27	97	22	309	27	195	28	114	25	472	41	265	38	207	46
Belgium, French-speaking *	830	100	524	100	306	100							52	6	31	6	21	7	237	29	153	29	84	27	227	27	146	28	81	26	314	38	194	37	120	39
Denmark	770	100	470	100	300	100	13	2	4	1	9	3	93	12	58	12	35	12	263	34	157	33	106	35	201	26	122	26	79	26	200	26	129	27	71	24
Finland	485	100	322	100	163	100	14	3	7	2	7	4	68	14	45	14	23	14	199	41	135	42	64	39	107	22	72	22	35	21	97	20	63	20	34	21
Greece	2126	100	1359	100	767	100	20	1	15	1	5	1	176	8	118	9	58	8	531	25	371	27	160	21	621	29	377	28	244	32	774	36	476	35	298	39
Iceland	25	100	17	100	8	100	1	4	0	0	1	13	5	20	3	18	2	25	10	40	7	41	3	38	3	12	3	18	0	0	6	24	4	24	2	25
Italy (12 of 20 regions) †	5036	100	3244	100	1792	100	46	1	24	1	22	1	493	10	309	10	184	10	1246	25	840	26	406	23	1432	28	955	29	477	27	1819	36	1116	34	703	39
Norway	530	100	352	100	178	100	7	1	3	1	4	2	68	13	47	13	21	12	180	34	123	35	57	32	127	24	78	22	49	28	148	28	101	29	47	26
Romania	1933	100	1136	100	797	100	39	2	20	2	19	2	385	20	235	21	150	19	851	44	515	45	336	42	484	25	273	24	211	26	174	9	93	8	81	10
Spain, Andalusia	987	100	607	100	380	100	17	2	11	2	6	2	150	15	96	16	54	14	298	30	194	32	104	27	280	28	161	27	119	31	242	25	145	24	97	26
Spain, Aragon	171	100	118	100	53	100	2	1	2	2	0	0	23	13	16	14	7	13	44	26	34	29	10	19	59	35	40	34	19	36	43	25	26	22	17	32
Spain, Asturias *	143	100	92	100	51	100							17	12	10	11	7	14	43	30	30	33	13	25	35	24	22	24	13	25	48	34	30	33	18	35
Spain, Basque country	242	100	158	100	84	100	1	0	0	0	1	1	31	13	15	9	16	19	77	32	50	32	27	32	68	28	53	34	15	18	65	27	40	25	25	30
Spain, Cantabria *	64	100	44	100	20	100							9	14	7	16	2	10	22	34	17	39	5	25	18	28	12	27	6	30	15	23	8	18	7	35
Spain, Castile and Leon *	323	100	209	100	114	100							31	10	24	11	7	6	83	26	56	27	27	24	97	30	64	31	33	29	112	35	65	31	47	41
Spain, Castile-La Mancha *	220	100	137	100	83	100							24	11	18	13	6	7	64	29	44	32	20	24	61	28	37	27	24	29	71	32	38	28	33	40
Spain, Catalonia	989	100	652	100	337	100	10	1	8	1	2	1	127	13	86	13	41	12	305	31	204	31	101	30	238	24	156	24	82	24	309	31	198	30	111	33
Spain, Valencian region	709	100	470	100	239	100	8	1	5	1	3	1	100	14	68	14	32	13	220	31	148	31	72	30	167	24	109	23	58	24	214	30	140	30	74	31
Sweden	1180	100	777	100	403	100	19	2	14	2	5	1	131	11	93	12	38	9	373	32	246	32	127	32	315	27	207	27	108	27	342	29	217	28	125	31
The Netherlands	1925	100	1194	100	731	100	39	2	26	2	13	2	236	12	147	12	89	12	651	34	383	32	268	37	512	27	336	28	176	24	487	25	302	25	185	25
United Kingdom, All countries *	6746	100	4164	100	2582	100							1158	17	693	17	465	18	2339	35	1437	35	902	35	1672	25	1022	25	650	25	1577	23	1012	24	565	22
United Kingdom, England *	5555	100	3420	100	2135	100							978	18	578	17	400	19	1939	35	1175	34	764	36	1364	25	838	25	526	25	1274	23	829	24	445	21
United Kingdom, Northern Ireland *	200	100	133	100	67	100							26	13	20	15	6	9	58	29	41	31	17	25	61	31	40	30	21	31	55	28	32	24	23	34
United Kingdom, Scotland	586	100	343	100	243	100	18	3	9	3	9	4	103	18	59	17	44	18	215	37	138	40	77	32	127	22	68	20	59	24	123	21	69	20	54	22
United Kingdom, Wales *	423	100	277	100	146	100							51	12	36	13	15	10	127	30	83	30	44	30	120	28	76	27	44	30	125	30	82	30	43	29

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

Percentages are row percentages

*Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	64.7	15.5	67.6	62.9	64.2	15.0	66.3	37.1	65.5	16.3	69.1
Belgium, Dutch-speaking *	100	69.0	14.0	72.8	60.8	68.4	14.1	72.3	39.2	69.9	13.9	74.0
Belgium, French-speaking *	100	68.5	13.5	71.6	63.1	68.4	13.3	71.3	36.9	68.5	13.9	72.4
Denmark	100	63.4	16.5	66.0	61.0	64.2	15.7	66.3	39.0	62.1	17.5	65.1
Finland	100	60.0	16.5	62.2	66.4	60.4	15.8	62.6	33.6	59.2	17.9	61.8
Greece	100	67.5	15.1	71.0	63.9	66.7	15.4	70.2	36.1	68.8	14.5	72.3
Iceland	100	59.3	19.1	57.7	68.0	61.9	16.1	59.4	32.0	53.9	24.6	55.7
Italy (12 of 20 regions) †	100	67.0	15.5	70.7	64.4	66.8	15.1	70.2	35.6	67.5	16.1	71.8
Norway	100	63.2	16.5	66.1	66.4	63.4	16.2	65.8	33.6	62.8	17.0	66.4
Romania	100	56.3	15.2	58.1	58.8	55.8	15.0	57.3	41.2	56.9	15.5	59.3
Spain, Andalusia	100	62.4	16.4	66.3	61.5	61.8	16.5	65.2	38.5	63.4	16.2	68.5
Spain, Aragon	100	63.8	16.4	69.1	69.0	62.4	17.1	69.1	31.0	66.7	14.4	69.6
Spain, Asturias *	100	65.9	15.1	69.0	64.3	65.0	15.3	68.3	35.7	67.4	14.7	70.9
Spain, Basque country	100	63.6	15.4	66.5	65.3	64.8	13.9	68.4	34.7	61.4	17.7	63.9
Spain, Cantabria *	100	64.0	14.0	66.3	68.8	62.3	13.3	63.9	31.3	67.8	15.0	73.0
Spain, Castile and Leon *	100	67.2	14.3	71.0	64.7	66.3	14.5	70.0	35.3	68.9	13.8	72.6
Spain, Castile-La Mancha *	100	65.9	14.2	70.6	62.3	63.9	14.9	67.3	37.7	69.1	12.5	73.0
Spain, Catalonia	100	64.3	16.3	67.6	65.9	63.8	16.5	67.0	34.1	65.3	16.0	69.2
Spain, Valencian region	100	63.2	16.5	67.3	66.3	62.9	16.5	66.8	33.7	63.8	16.6	68.0
Sweden	100	64.3	16.1	67.6	65.8	63.8	16.4	67.1	34.2	65.3	15.4	68.2
The Netherlands	100	62.8	16.4	66.0	62.0	63.0	16.5	66.4	38.0	62.4	16.2	64.8
United Kingdom, All countries *	100	61.6	15.9	64.0	61.7	61.9	15.7	64.5	38.3	60.9	16.0	63.6
United Kingdom, England *	100	61.3	15.9	63.7	61.6	61.9	15.8	64.4	38.4	60.5	16.0	63.1
United Kingdom, Northern Ireland *	100	65.0	14.9	67.6	66.5	63.6	15.1	66.2	33.5	67.7	14.2	70.5
United Kingdom, Scotland	100	58.6	17.7	60.6	58.5	58.6	17.0	60.6	41.5	58.7	18.8	61.1
United Kingdom, Wales *	100	64.9	14.9	67.9	65.5	64.8	15.3	67.7	34.5	65.2	14.0	68.1

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

Percentages are row percentages

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	152.3	196.9	110.0	9.5	9.8	9.2	41.0	51.6	30.2	191.2	269.4	115.1	487.9	628.4	368.5	550.9	961.3	338.3
Belgium, Dutch-speaking *	186.2	229.5	144.0				39.2	48.4	29.7	171.4	223.0	118.9	542.2	724.6	379.0	899.3	1308.4	642.2
Belgium, French-speaking *	185.0	241.0	132.4				33.7	40.0	27.3	209.4	274.9	146.0	649.3	929.6	420.6	847.5	1504.3	496.8
Denmark	141.0	173.8	108.8	9.7	5.8	13.8	51.4	63.4	39.1	179.2	213.2	145.0	435.1	553.2	327.3	523.6	882.3	301.1
Finland	91.7	124.3	60.4	11.4	11.2	11.7	40.3	52.2	27.9	132.4	180.2	84.9	230.7	338.4	139.4	237.7	448.2	127.1
Greece	189.9	245.2	135.8	9.2	13.3	4.7	43.0	56.0	29.1	187.7	267.3	111.0	535.6	722.3	382.8	838.8	1190.4	569.9
Iceland	80.5	107.6	52.5	11.2	0	23.0	44.5	51.5	37.0	136.5	184.4	84.9	163.4	338.2	0	339.8	534.3	196.6
Italy (12 of 20 regions) †	150.1	198.9	103.9	7.4	7.5	7.3	41.5	51.4	31.4	143.3	196.7	91.7	406.4	586.7	251.6	560.8	925.6	345.0
Norway	112.5	150.3	75.2	5.7	4.8	6.7	42.3	57.5	26.6	150.7	202.8	96.9	380.8	491.6	280.2	415.8	744.3	213.4
Romania	89.7	108.2	72.2	8.1	8.1	8.1	46.8	56.1	37.1	161.4	203.9	122.3	251.1	331.9	190.9	136.3	191.6	102.3
Spain, Andalusia	121.4	150.4	92.8	9.4	11.8	6.8	45.9	57.4	33.8	160.4	210.3	111.1	442.0	551.4	348.4	436.6	675.7	285.5
Spain, Aragon	130.4	180.0	80.8	8.6	16.8	0	46.5	61.5	29.9	135.7	208.0	62.2	490.3	707.4	297.9	304.1	458.2	200.8
Spain, Asturias *	132.7	178.0	91.0				44.0	51.3	36.6	141.1	202.3	83.1	323.0	447.1	219.8	377.8	641.9	224.1
Spain, Basque country	112.6	150.3	76.5	2.8	0	5.7	38.4	36.3	40.6	132.0	174.2	91.2	339.8	573.9	139.2	326.2	541.2	199.4
Spain, Cantabria *	110.8	155.5	67.9				40.7	62.2	18.5	144.5	224.8	65.3	361.9	522.8	224.0	262.7	374.6	195.8
Spain, Castile and Leon *	127.0	165.8	88.9				34.1	51.1	15.9	127.6	168.0	85.2	377.5	529.7	242.4	358.0	521.2	249.8
Spain, Castile-La Mancha *	109.4	135.1	83.3				30.5	43.6	16.1	145.0	195.2	92.6	359.8	467.2	265.6	369.4	474.1	294.5
Spain, Catalonia	137.2	182.2	92.8	7.2	11.2	3.0	43.6	56.8	29.3	175.9	238.4	115.0	401.8	568.6	257.9	522.5	890.9	300.7
Spain, Valencian region	145.1	193.2	97.4	8.3	10.1	6.4	51.1	67.0	33.9	187.3	255.7	120.8	391.6	540.1	258.2	582.3	975.5	330.4
Sweden	129.0	171.0	87.5	8.7	12.5	4.7	43.8	60.9	25.9	156.2	204.4	107.2	396.3	539.6	262.6	427.5	690.5	257.3
The Netherlands	117.5	147.4	88.3	9.9	12.9	6.7	42.1	52.1	32.0	146.6	171.3	121.5	392.8	538.8	258.9	447.6	751.5	269.6
United Kingdom, All countries *	110.6	139.2	83.1				54.5	65.1	43.8	153.8	191.9	116.8	330.6	426.1	244.4	334.0	551.6	195.7
United Kingdom, England *	108.7	136.2	82.2				54.6	64.3	44.8	153.1	188.3	119.0	325.3	420.1	239.3	321.1	535.0	184.1
United Kingdom, Northern Ireland *	113.7	154.3	74.7				41.8	64.7	19.2	141.0	202.8	81.3	462.5	650.4	298.3	492.8	767.4	329.0
United Kingdom, Scotland	113.9	138.0	91.4	15.2	14.9	15.6	58.6	68.4	49.2	158.0	208.1	110.4	277.7	323.8	238.5	316.8	478.5	221.2
United Kingdom, Wales *	141.9	190.5	95.7				53.6	76.5	31.2	163.2	217.3	111.1	434.8	575.3	305.8	490.6	825.8	276.5

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	152.3	100	16.3	10.7	5.2	3.4	5.2	3.4	4.7	3.1	43.2	28.4	47.9	31.5	13.2	8.6	21.0	13.8	26.7	17.5	16.8	11.0	0	0
Belgium, Dutch-speaking *	186.2	100	18.7	10.1	9.9	5.3	9.4	5.1	5.2	2.8	38.4	20.6	43.7	23.4	10.6	5.7	41.5	22.3	36.3	19.5	16.0	8.6	0	0
Belgium, French-speaking *	185.0	100	18.5	10.0	10.7	5.8	8.9	4.8	2.5	1.3	39.9	21.6	42.4	22.9	37.2	20.1	14.9	8.1	44.1	23.9	8.2	4.5	0	0
Denmark	141.0	100	14.6	10.4	7.1	5.1	7.9	5.6	13.5	9.6	18.3	13.0	31.9	22.6	17.6	12.5	0.2	0.1	34.6	24.5	27.1	19.2	0	0
Finland	91.7	100	10.8	11.8	3.2	3.5	7.2	7.8	13.6	14.8	18.7	20.4	32.3	35.3	5.5	6.0	0.8	0.8	14.0	15.3	18.0	19.6	0	0
Greece	189.9	100	15.9	8.4	10.9	5.7	7.4	3.9	1.5	0.8	51.2	27.0	52.7	27.8	17.4	9.2	4.5	2.4	18.8	9.9	62.4	32.8	0	0
Iceland	80.5	100	6.4	8.0	3.2	4.0	9.7	12.0	3.2	4.0	6.4	8.0	9.7	12.0	29.0	36.0	6.4	8.0	12.9	16.0	3.2	4.0	0	0
Italy (12 of 20 regions) †	150.1	100	15.9	10.6	7.1	4.7	8.1	5.4					29.8	19.9	29.2	19.5	7.0	4.7	19.3	12.8	25.9	17.2	7.8	5.2
Norway	112.5	100	18.5	16.4	5.5	4.9	8.9	7.9	6.2	5.5	9.1	8.1	15.3	13.6	33.3	29.6	1.5	1.3	25.3	22.5	4.2	3.8	0	0
Romania	89.7	100	15.3	17.1	11.1	12.4	5.2	5.7					10.5	11.7	5.2	5.8	0.6	0.6	13.9	15.5	27.9	31.1	0	0
Spain, Andalusia	121.4	100	16.2	13.4	11.8	9.7	8.2	6.8					27.4	22.6	12.9	10.6	7.5	6.2	12.8	10.5	24.5	20.2	0	0
Spain, Aragon	130.4	100	23.6	18.1	9.1	7.0	8.4	6.4	8.4	6.4	22.1	17.0	30.5	23.4	11.4	8.8	13.0	9.9	23.6	18.1	10.7	8.2	0	0
Spain, Asturias *	132.7	100	10.2	7.7	6.5	4.9	7.4	5.6	6.5	4.9	21.3	16.1	27.8	21.0	15.8	11.9	5.6	4.2	18.6	14.0	40.8	30.8	0	0
Spain, Basque country	112.6	100	12.1	10.7	7.9	7.0	8.4	7.4	3.3	2.9	14.0	12.4	17.2	15.3	22.3	19.8	2.3	2.1	25.6	22.7	16.7	14.9	0	0
Spain, Cantabria *	110.8	100	39.8	35.9	3.5	3.1	0	0	3.5	3.1	15.6	14.1	19.0	17.2	13.9	12.5	22.5	20.3	8.7	7.8	3.5	3.1	0	0
Spain, Castile and Leon *	127.0	100	13.8	10.8	7.1	5.6	6.7	5.3	7.1	5.6	25.2	19.8	32.2	25.4	17.3	13.6	4.3	3.4	19.3	15.2	26.3	20.7	0	0
Spain, Castile-La Mancha *	109.4	100	11.9	10.9	10.9	10.0	5.5	5.0					32.8	30.0	11.4	10.5	2.5	2.3	13.9	12.7	20.4	18.6	0	0
Spain, Catalonia	137.2	100	19.4	14.2	10.0	7.3	9.6	7.0	3.7	2.7	24.0	17.5	27.9	20.3	14.8	10.8	8.5	6.2	12.6	9.2	34.4	25.1	0	0
Spain, Valencian region	145.1	100	18.0	12.4	11.3	7.8	9.0	6.2					25.4	17.5	29.9	20.6	7.2	4.9	12.3	8.5	32.1	22.1	0	0
Sweden	129.0	100	16.1	12.5	4.0	3.1	7.4	5.8	12.7	9.8	22.3	17.3	35.0	27.1	14.5	11.3	10.9	8.5	26.7	20.7	12.4	9.6	2.0	1.5
The Netherlands	117.5	100	10.5	8.9	4.6	3.9	4.8	4.1	4.9	4.2	16.1	13.7	21.1	17.9	11.7	9.9	14.7	12.5	18.4	15.7	14.0	11.9	17.6	15.0
United Kingdom, All countries *	110.6	100	12.7	11.5	7.4	6.7	6.9	6.3					22.5	20.4	6.0	5.4	5.7	5.1	17.1	15.5	23.2	20.9	9.0	8.1
United Kingdom, England *	108.7	100	12.1	11.1	7.2	6.6	6.4	5.9	10.4	9.6	11.4	10.5	21.9	20.1	6.2	5.7	5.0	4.6	16.8	15.4	23.7	21.8	9.5	8.7
United Kingdom, Northern Ireland *	113.7	100	11.9	10.5	10.8	9.5	10.8	9.5					25.6	22.5	8.0	7.0	8.0	7.0	22.2	19.5	15.9	14.0	0.6	0.5
United Kingdom, Scotland	113.9	100	12.6	11.1	10.3	9.0	10.9	9.6	14.0	12.3	6.0	5.3	20.0	17.6	2.7	2.4	9.9	8.7	20.0	17.6	15.0	13.1	12.4	10.9
United Kingdom, Wales *	141.9	100	24.8	17.5	7.0	5.0	6.7	4.7	27.2	19.1	9.1	6.4	36.2	25.5	6.7	4.7	8.4	5.9	18.5	13.0	33.2	23.4	0.3	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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	145.8	15.8	5.0	4.9	4.6	41.8	46.4	12.8	19.6	25.2	16.1	0
Belgium, Dutch-speaking *	160.6	17.1	8.9	8.3	4.9	33.5	38.4	9.1	33.5	31.9	13.4	0
Belgium, French-speaking *	178.2	17.8	10.2	9.0	2.5	39.3	41.8	35.0	13.9	42.5	8.0	0
Denmark	135.7	14.8	6.8	7.5	13.0	17.4	30.4	16.5	0.2	33.2	26.3	0
Finland	84.8	10.0	3.1	6.3	13.6	16.8	30.3	4.9	0.7	13.0	16.5	0
Greece	163.5	14.4	9.2	6.7	1.5	43.9	45.4	14.7	3.6	16.6	52.8	0
Iceland	83.6	6.4	3.1	9.4	3.7	7.4	11.1	28.7	8.5	12.6	3.8	0
Italy (12 of 20 regions) †	123.6	14.2	6.0	7.1			24.5	22.7	5.4	16.4	20.9	6.5
Norway	113.5	18.9	5.4	8.7	6.3	9.5	15.8	33.0	1.6	26.1	4.1	0
Romania	90.2	15.1	11.2	5.2			10.6	5.2	0.5	14.2	28.1	0
Spain, Andalusia	125.2	16.4	12.1	8.5			28.9	13.0	7.6	13.4	25.2	0
Spain, Aragon	112.6	21.3	7.3	7.6	7.8	18.9	26.8	9.0	10.0	22.0	8.6	0
Spain, Asturias *	102.5	7.9	5.6	5.9	6.5	17.3	23.7	10.6	3.7	14.2	30.8	0
Spain, Basque country	97.5	10.6	7.7	7.4	3.1	12.1	15.2	18.1	2.1	22.0	14.5	0
Spain, Cantabria *	98.9	36.2	3.0	0	3.2	14.5	17.7	11.4	19.3	8.1	3.2	0
Spain, Castile and Leon *	98.5	11.5	5.7	6.2	6.1	19.6	25.7	11.4	3.3	15.5	19.3	0
Spain, Castile-La Mancha *	102.0	11.2	10.5	5.9			31.4	10.3	1.8	12.6	18.5	0
Spain, Catalonia	129.9	18.6	9.5	9.5	3.6	23.5	27.2	13.8	7.6	12.1	31.6	0
Spain, Valencian region	137.0	17.4	10.7	8.8			24.4	27.4	6.6	12.0	29.6	0
Sweden	117.3	14.8	3.8	7.1	12.3	20.3	32.5	12.2	9.3	24.6	11.2	1.9
The Netherlands	117.0	10.5	4.7	4.6	4.9	15.9	20.8	11.7	14.9	18.4	14.0	17.5
United Kingdom, All countries *	108.1	12.6	7.2	6.8			22.4	5.9	5.4	16.7	22.3	8.8
United Kingdom, England *	106.6	12.0	7.0	6.3	10.6	11.3	21.9	6.1	4.8	16.5	22.9	9.2
United Kingdom, Northern Ireland *	123.1	13.1	11.7	11.0			28.5	8.3	8.9	24.1	17.0	0.5
United Kingdom, Scotland	109.6	12.2	10.3	10.4	13.8	5.7	19.5	2.6	9.4	19.1	14.2	11.8
United Kingdom, Wales *	128.8	24.3	6.3	6.5	25.6	7.8	33.4	6.1	6.7	16.0	29.2	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

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

	All						0-19						20-44						45-64						65-74						75+					
	All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%						
Austria	1124	100	707	100	417	100	17	2	10	1	7	2	116	10	74	10	42	10	366	33	253	36	113	27	319	28	184	26	135	32	306	27	186	26	120	29
Belgium, Dutch-speaking *	1034	100	621	100	413	100							74	7	46	7	28	7	269	26	172	28	97	23	277	27	172	28	105	25	414	40	231	37	183	44
Belgium, French-speaking *	767	100	487	100	280	100							51	7	31	6	20	7	218	28	141	29	77	28	208	27	138	28	70	25	290	38	177	36	113	40
Denmark ‡	734	100	447	100	287	100	12	2	3	1	9	3	93	13	58	13	35	12	254	35	152	34	102	36	188	26	112	25	76	27	187	25	122	27	65	23
Finland ‡	474	100	314	100	160	100	14	3	7	2	7	4	65	14	43	14	22	14	199	42	136	43	64	40	102	21	68	22	34	21	94	20	60	19	34	21
Greece	1893	100	1210	100	683	100	18	1	14	1	4	1	162	9	109	9	53	8	507	27	353	29	154	23	550	29	336	28	214	31	654	35	396	33	258	38
Iceland	24	100	16	100	8	100	1	4	0	0	1	13	5	21	3	19	2	25	8	33	6	38	2	25	4	17	3	19	1	13	6	25	4	25	2	25
Italy (12 of 20 regions) † ‡	4805	100	3084	100	1721	100	44	1	23	1	21	1	488	10	307	10	181	10	1200	25	806	26	394	23	1353	28	902	29	452	26	1721	36	1046	34	674	39
Norway	505	100	338	100	167	100	7	1	3	1	4	2	67	13	46	14	21	13	171	34	118	35	53	32	119	24	77	23	42	25	141	28	94	28	47	28
Romania ‡	1817	100	1020	100	797	100	38	2	20	2	18	2	372	20	224	22	148	19	809	45	471	46	338	42	439	24	231	23	208	26	159	9	74	7	85	11
Spain, Andalusia	932	100	576	100	356	100	16	2	10	2	6	2	143	15	92	16	51	14	279	30	185	32	94	26	266	29	155	27	111	31	228	24	134	23	94	26
Spain, Aragon ‡	168	100	115	100	53	100	2	1	2	2	0	0	22	13	16	14	6	11	43	26	32	28	11	21	59	35	40	34	19	36	43	25	26	22	17	32
Spain, Asturias * ‡	134	100	85	100	48	100							16	12	9	10	7	14	41	30	28	32	13	27	35	26	23	27	12	24	43	32	26	30	17	34
Spain, Basque country	233	100	153	100	80	100	1	0	0	0	1	1	31	13	15	10	16	20	76	33	50	33	26	33	61	26	47	31	14	18	64	27	41	27	23	29
Spain, Cantabria *	56	100	38	100	18	100							5	9	4	11	1	6	22	39	17	45	5	28	14	25	10	26	4	22	15	27	7	18	8	44
Spain, Castile and Leon * ‡	312	100	201	100	111	100							29	9	22	11	7	6	82	26	55	27	27	24	92	29	60	30	32	29	110	35	65	32	45	41
Spain, Castile-La Mancha *	204	100	126	100	78	100							22	11	16	13	6	8	59	29	40	32	19	24	54	26	32	25	22	28	69	34	38	30	31	40
Spain, Catalonia ‡	957	100	631	100	326	100	10	1	8	1	2	1	122	13	83	13	39	12	297	31	199	32	99	30	232	24	153	24	78	24	296	31	188	30	108	33
Spain, Valencian region	685	100	452	100	233	100	8	1	5	1	3	1	94	14	65	14	29	12	222	32	149	33	73	31	151	22	97	21	54	23	210	31	136	30	74	32
Sweden	1033	100	685	100	348	100	15	1	12	2	3	1	129	12	90	13	39	11	335	32	223	33	112	32	275	27	180	26	95	27	279	27	180	26	99	28
The Netherlands	1726	100	1068	100	658	100	37	2	25	2	12	2	217	13	133	12	84	13	583	34	343	32	240	36	465	27	304	28	161	24	424	25	263	25	161	24
United Kingdom, All countries *	6257	100	3881	100	2376	100							1117	18	672	17	445	19	2214	35	1352	35	862	36	1523	24	943	24	580	24	1403	22	914	24	489	21
United Kingdom, England *	5172	100	3197	100	1975	100							940	18	560	18	380	19	1844	36	1111	35	733	37	1240	24	769	24	471	24	1148	22	757	24	391	20
United Kingdom, Northern Ireland *	179	100	120	100	59	100							26	15	20	17	6	10	48	27	34	28	14	24	58	32	38	32	20	34	47	26	28	23	19	32
United Kingdom, Scotland	542	100	321	100	221	100	18	3	9	3	9	4	101	19	57	18	44	20	203	37	130	40	73	33	118	22	67	21	51	23	102	19	58	18	44	20
United Kingdom, Wales *	382	100	252	100	130	100							50	13	35	14	15	12	119	31	77	31	42	32	107	28	69	27	38	29	106	28	71	28	35	27

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	64.1	15.7	67.2	62.9	63.6	15.3	65.6	37.1	65.1	16.4	69.0
Belgium, Dutch-speaking *	100	68.6	14.2	72.4	60.1	68.1	14.3	72.2	39.9	69.4	14.0	73.3
Belgium, French-speaking *	100	68.4	13.6	71.7	63.5	68.2	13.3	71.2	36.5	68.7	14.1	72.5
Denmark ‡	100	63.3	16.7	66.0	60.9	64.1	16.1	66.0	39.1	62.0	17.6	65.9
Finland ‡	100	59.9	16.4	62.3	66.2	61.1	15.3	62.8	33.8	57.7	18.2	60.3
Greece	100	66.8	15.1	70.5	63.9	66.0	15.5	69.5	36.1	68.3	14.4	72.0
Iceland	100	59.8	19.5	58.8	66.7	62.6	16.5	61.9	33.3	54.1	24.6	56.0
Italy (12 of 20 regions) † ‡	100	66.9	15.5	70.5	64.2	66.7	15.1	70.1	35.8	67.3	16.2	71.4
Norway	100	63.0	16.6	66.0	66.9	63.2	16.3	65.5	33.1	62.6	17.2	66.2
Romania ‡	100	56.1	15.4	58.1	56.1	55.0	15.3	56.9	43.9	57.4	15.3	60.0
Spain, Andalusia	100	62.4	16.4	66.2	61.8	61.7	16.4	65.0	38.2	63.5	16.3	68.7
Spain, Aragon ‡	100	63.2	17.3	68.7	68.5	61.9	18.0	68.8	31.5	66.0	15.3	68.5
Spain, Asturias * ‡	100	66.3	14.6	68.7	63.8	65.4	15.0	68.1	36.2	67.8	13.9	69.5
Spain, Basque country	100	63.5	15.5	66.3	65.7	64.6	13.9	67.4	34.3	61.3	17.9	63.6
Spain, Cantabria *	100	65.0	13.0	66.5	67.9	62.8	12.6	64.0	32.1	69.7	13.2	73.5
Spain, Castile and Leon * ‡	100	67.1	14.2	71.3	64.4	65.6	14.6	70.1	35.6	69.7	13.1	72.9
Spain, Castile-La Mancha *	100	66.4	14.0	70.8	61.8	64.8	14.5	68.6	38.2	69.0	12.8	73.2
Spain, Catalonia ‡	100	64.5	16.1	68.2	65.9	64.3	16.1	67.8	34.1	64.8	16.2	68.9
Spain, Valencian region	100	63.2	16.4	66.7	66.0	62.9	16.3	65.9	34.0	63.7	16.7	67.8
Sweden	100	63.6	16.2	66.7	66.3	63.2	16.5	66.3	33.7	64.3	15.7	67.2
The Netherlands	100	62.5	16.6	65.5	61.9	62.7	16.7	66.2	38.1	62.1	16.3	64.6
United Kingdom, All countries *	100	61.1	15.9	63.3	62.0	61.6	15.8	63.7	38.0	60.4	16.0	62.6
United Kingdom, England *	100	61.0	15.9	63.1	61.8	61.5	15.9	63.7	38.2	60.1	16.0	62.1
United Kingdom, Northern Ireland *	100	64.5	15.2	67.7	67.0	63.3	15.5	66.5	33.0	67.1	14.3	69.2
United Kingdom, Scotland	100	57.7	17.8	59.7	59.2	57.9	17.0	60.1	40.8	57.4	18.9	58.9
United Kingdom, Wales *	100	64.2	15.1	67.2	66.0	64.3	15.5	67.1	34.0	64.1	14.4	67.4

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

Percentages are row percentages

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	135.7	175.5	98.0	9.5	10.9	8.0	38.7	49.0	28.2	174.9	245.2	106.6	426.4	535.3	333.9	473.5	843.4	281.9
Belgium, Dutch-speaking *	168.4	205.1	132.8				36.2	44.5	27.8	163.5	207.3	118.9	486.1	639.2	349.1	788.8	1140.5	567.8
Belgium, French-speaking *	171.0	224.0	121.1				33.0	40.0	26.0	192.6	253.4	133.9	594.9	878.7	363.5	782.7	1372.5	467.8
Denmark ‡	134.4	165.4	104.0	9.0	4.4	13.8	51.4	63.4	39.1	173.3	206.9	139.5	406.3	506.4	314.9	489.6	836.7	274.3
Finland ‡	89.7	121.2	59.4	11.4	11.2	11.7	38.5	49.9	26.7	132.6	181.1	84.4	219.2	319.6	134.1	231.1	429.3	127.1
Greece	169.1	218.3	120.9	8.2	12.4	3.8	39.6	51.8	26.6	179.2	254.4	106.8	474.4	643.7	335.7	708.7	990.4	493.4
Iceland	77.3	101.2	52.5	11.2	0	23.0	44.5	51.5	37.0	109.2	158.1	56.6	217.8	338.2	105.3	339.8	534.3	196.6
Italy (12 of 20 regions) † ‡	143.2	189.1	99.8	7.0	7.1	7.0	41.1	51.2	30.8	138.0	188.8	89.0	384.0	554.0	238.2	530.5	867.8	330.9
Norway	107.2	144.3	70.6	5.7	4.8	6.7	41.7	56.3	26.6	143.1	194.6	90.1	356.8	485.3	240.2	396.2	692.7	213.4
Romania ‡	84.3	97.1	72.2	7.9	8.1	7.6	45.2	53.5	36.6	153.3	186.3	123.0	227.9	281.2	188.2	124.3	151.7	107.4
Spain, Andalusia	114.6	142.7	86.9	8.8	10.7	6.8	43.7	55.0	31.9	150.1	200.6	100.4	419.9	530.9	325.0	411.3	624.4	276.7
Spain, Aragon ‡	128.3	175.9	80.8	8.6	16.8	0	44.5	61.5	25.6	132.6	195.8	68.4	487.6	701.5	297.9	301.7	452.4	200.8
Spain, Asturias * ‡	124.1	165.1	86.2				40.6	44.4	36.6	133.4	186.6	83.1	319.9	467.4	197.3	335.8	556.3	207.5
Spain, Basque country	108.4	145.6	72.8	2.8	0	5.7	38.4	36.3	40.6	130.3	174.2	87.8	304.8	508.9	129.9	321.1	554.7	183.5
Spain, Cantabria *	97.0	134.3	61.1				22.6	35.5	9.2	144.5	224.8	65.3	281.5	435.7	149.3	262.7	327.8	223.8
Spain, Castile and Leon * ‡	122.8	159.5	86.8				31.5	46.2	15.9	126.1	165.0	85.2	356.7	493.8	235.0	351.6	518.5	241.0
Spain, Castile-La Mancha *	101.5	124.2	78.3				28.0	38.7	16.1	133.6	177.4	88.0	318.5	404.1	243.5	359.0	474.1	276.6
Spain, Catalonia ‡	132.7	176.3	89.8	7.2	11.2	3.0	41.8	54.6	27.9	171.5	232.2	112.4	391.1	558.8	246.4	501.1	845.9	293.5
Spain, Valencian region	140.2	185.8	95.0	8.3	10.1	6.4	48.0	64.0	30.8	189.0	257.4	122.5	354.1	480.6	240.4	571.4	947.6	330.4
Sweden	112.9	150.8	75.6	6.9	10.8	2.8	43.1	58.9	26.6	140.3	185.3	94.6	346.0	469.2	231.0	348.7	572.8	203.8
The Netherlands	105.4	131.8	79.5	9.4	12.4	6.2	38.8	47.2	30.2	131.3	153.4	108.8	356.7	487.5	236.8	389.7	654.4	234.6
United Kingdom, All countries *	102.6	129.7	76.5				52.6	63.2	41.9	145.5	180.6	111.6	301.1	393.2	218.1	297.1	498.2	169.4
United Kingdom, England *	101.2	127.3	76.0				52.5	62.3	42.6	145.6	178.1	114.1	295.8	385.5	214.3	289.4	488.6	161.7
United Kingdom, Northern Ireland *	101.7	139.2	65.8				41.8	64.7	19.2	116.7	168.2	67.0	439.7	617.9	284.1	421.1	671.5	271.8
United Kingdom, Scotland	105.4	129.1	83.1	15.2	14.9	15.6	57.5	66.1	49.2	149.2	196.0	104.7	258.0	319.0	206.1	262.7	402.2	180.3
United Kingdom, Wales *	128.2	173.3	85.2				52.6	74.4	31.2	153.0	201.6	106.0	387.7	522.3	264.1	416.0	715.0	225.1

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	135.7	100	15.2	11.2	5.1	3.7	5.2	3.8	4.5	3.3	37.9	27.9	42.4	31.2	13.0	9.6	18.8	13.9	21.0	15.5	15.0	11.0	0	0
Belgium, Dutch-speaking *	168.4	100	17.8	10.5	8.8	5.2	9.1	5.4	4.9	2.9	35.8	21.3	40.7	24.2	10.1	6.0	36.2	21.5	31.1	18.5	14.7	8.7	0	0
Belgium, French-speaking *	171.0	100	18.3	10.7	10.7	6.3	8.9	5.2	2.5	1.4	36.6	21.4	39.0	22.8	35.2	20.6	13.6	8.0	38.3	22.4	6.9	4.0	0	0
Denmark ‡	134.4	100	14.4	10.7	7.1	5.3	7.9	5.9	13.1	9.7	17.6	13.1	30.6	22.8	16.6	12.4	0.2	0.1	31.7	23.6	25.9	19.3	0	0
Finland ‡	89.7	100	10.5	11.7	3.2	3.6	7.2	8.0	13.6	15.2	18.2	20.3	31.8	35.5	5.5	6.1	0.8	0.8	13.2	14.8	17.5	19.5	0	0
Greece	169.1	100	15.3	9.0	9.0	5.3	7.1	4.2	1.5	0.9	47.0	27.8	48.5	28.7	16.7	9.9	3.9	2.3	16.1	9.5	52.4	31.0	0	0
Iceland	77.3	100	6.4	8.3	3.2	4.2	6.4	8.3	3.2	4.2	6.4	8.3	9.7	12.5	29.0	37.5	6.4	8.3	12.9	16.7	3.2	4.2	0	0
Italy (12 of 20 regions) † ‡	143.2	100	15.5	10.8	6.8	4.8	8.0	5.6					28.9	20.2	27.7	19.3	6.8	4.7	17.8	12.4	24.2	16.9	7.5	5.2
Norway	107.2	100	17.8	16.6	5.5	5.1	8.7	8.1	6.2	5.7	8.3	7.7	14.4	13.5	31.6	29.5	1.1	1.0	24.4	22.8	3.6	3.4	0	0
Romania ‡	84.3	100	15.1	17.9	10.8	12.8	5.0	5.9					9.9	11.8	4.9	5.8	0.6	0.7	12.8	15.2	25.4	30.1	0	0
Spain, Andalusia	114.6	100	15.6	13.6	10.6	9.2	8.1	7.1					26.0	22.6	12.4	10.8	7.1	6.2	11.6	10.1	23.2	20.3	0	0
Spain, Aragon ‡	128.3	100	22.6	17.6	9.1	7.1	8.4	6.5	8.4	6.5	21.1	16.4	29.5	23.0	11.4	8.9	13.0	10.1	23.6	18.4	10.7	8.3	0	0
Spain, Asturias * ‡	124.1	100	10.2	8.2	5.3	4.2	7.4	6.0	6.5	5.2	18.9	15.2	25.4	20.4	15.8	12.7	5.6	4.5	16.1	13.0	38.4	30.9	0	0
Spain, Basque country	108.4	100	11.6	10.7	7.9	7.3	7.9	7.3	3.3	3.0	14.0	12.9	17.2	15.9	20.9	19.3	2.3	2.1	24.7	22.7	15.8	14.6	0	0
Spain, Cantabria *	97.0	100	38.1	39.3	3.5	3.6	0	0	3.5	3.6	13.9	14.3	17.3	17.9	13.9	14.3	17.3	17.9	3.5	3.6	3.5	3.6	0	0
Spain, Castile and Leon * ‡	122.8	100	13.8	11.2	6.6	5.3	6.7	5.4	7.1	5.8	24.6	20.1	31.7	25.8	17.3	14.1	4.3	3.5	17.2	14.0	25.3	20.6	0	0
Spain, Castile-La Mancha *	101.5	100	9.5	9.3	10.9	10.8	5.5	5.4					31.3	30.9	10.9	10.8	2.5	2.5	11.4	11.3	19.4	19.1	0	0
Spain, Catalonia ‡	132.7	100	19.0	14.4	10.0	7.5	9.2	6.9	3.7	2.8	24.0	18.1	27.9	21.0	14.7	11.0	7.9	6.0	11.9	9.0	32.2	24.2	0	0
Spain, Valencian region	140.2	100	17.4	12.4	11.1	7.9	9.0	6.4					24.4	17.4	28.9	20.6	7.2	5.1	11.1	7.9	31.3	22.3	0	0
Sweden	112.9	100	14.9	13.2	3.8	3.4	7.4	6.6	12.0	10.6	19.1	16.9	31.2	27.6	13.1	11.6	8.2	7.3	21.6	19.2	10.8	9.6	1.9	1.6
The Netherlands	105.4	100	9.5	9.0	4.4	4.2	4.7	4.5	4.8	4.6	14.8	14.0	19.6	18.6	11.0	10.4	13.6	12.9	14.0	13.3	12.9	12.2	15.7	14.9
United Kingdom, All countries *	102.6	100	12.4	12.1	7.2	7.0	6.8	6.6					21.4	20.9	5.7	5.5	5.0	4.9	15.0	14.6	21.2	20.6	8.0	7.8
United Kingdom, England *	101.2	100	11.8	11.6	6.9	6.8	6.3	6.2	9.9	9.8	11.0	10.9	20.9	20.7	5.9	5.8	4.4	4.4	14.9	14.8	21.7	21.5	8.3	8.2
United Kingdom, Northern Ireland *	101.7	100	11.4	11.2	10.8	10.6	10.2	10.1					23.9	23.5	6.8	6.7	6.8	6.7	18.8	18.4	12.5	12.3	0.6	0.6
United Kingdom, Scotland	105.4	100	12.4	11.8	9.9	9.4	11.1	10.5	13.2	12.5	5.2	5.0	18.5	17.5	2.5	2.4	8.6	8.1	17.1	16.2	13.4	12.7	11.9	11.3
United Kingdom, Wales *	128.2	100	24.2	18.8	6.0	4.7	6.7	5.2	26.8	20.9	6.7	5.2	33.6	26.2	6.0	4.7	8.1	6.3	12.8	9.9	30.9	24.1	0	0

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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	130.2	14.8	4.9	5.0	4.3	36.5	40.8	12.6	17.6	20.1	14.5	0
Belgium, Dutch-speaking *	146.0	16.2	8.0	8.0	4.6	31.2	35.8	8.6	29.5	27.4	12.4	0
Belgium, French-speaking *	164.7	17.6	10.1	9.0	2.5	36.2	38.7	33.2	12.5	36.7	6.8	0
Denmark ‡	129.4	14.5	6.8	7.4	12.6	16.9	29.5	15.6	0.2	30.5	24.9	0
Finland ‡	82.9	9.8	3.0	6.3	13.5	16.3	29.8	4.9	0.7	12.3	16.1	0
Greece	145.8	13.8	7.8	6.5	1.5	40.2	41.7	14.1	3.2	14.3	44.3	0
Iceland	81.5	6.4	3.1	6.3	3.7	7.4	11.1	28.7	9.6	12.6	3.8	0
Italy (12 of 20 regions) † ‡	118.2	13.9	5.7	7.0			23.7	21.5	5.2	15.2	19.6	6.2
Norway	107.9	18.3	5.3	8.5	6.3	8.7	15.0	31.1	1.2	25.2	3.4	0
Romania ‡	84.7	14.9	10.8	5.0			10.1	4.8	0.5	13.1	25.5	0
Spain, Andalusia	118.2	15.8	11.0	8.4			27.3	12.6	7.2	12.1	23.9	0
Spain, Aragon ‡	111.0	20.6	7.3	7.7	7.8	18.1	26.0	8.8	10.0	22.2	8.4	0
Spain, Asturias * ‡	96.9	8.0	5.2	5.9	6.5	15.6	22.0	10.6	3.5	12.8	29.1	0
Spain, Basque country	93.3	10.2	7.5	7.0	3.1	12.0	15.1	16.9	2.0	21.0	13.7	0
Spain, Cantabria *	86.4	34.4	3.0	0	3.2	13.0	16.2	11.4	15.0	3.2	3.2	0
Spain, Castile and Leon * ‡	95.7	11.4	5.5	6.2	6.1	19.4	25.5	11.4	3.3	14.0	18.6	0
Spain, Castile-La Mancha *	94.2	8.8	10.6	5.9			29.8	9.9	1.8	10.0	17.6	0
Spain, Catalonia ‡	125.4	18.1	9.5	9.1	3.6	23.4	27.1	13.5	7.2	11.3	29.6	0
Spain, Valencian region	132.7	17.0	10.6	8.8			23.3	26.6	6.6	10.9	28.9	0
Sweden	103.1	13.7	3.7	7.0	11.7	17.5	29.2	10.9	7.0	20.1	9.8	1.8
The Netherlands	104.9	9.4	4.5	4.5	4.8	14.6	19.3	11.0	13.7	14.0	12.9	15.5
United Kingdom, All countries *	100.4	12.3	7.0	6.7			21.4	5.5	4.7	14.6	20.4	7.8
United Kingdom, England *	99.3	11.7	6.7	6.2	10.1	10.9	21.0	5.8	4.2	14.6	21.0	8.1
United Kingdom, Northern Ireland *	110.5	12.3	11.8	10.5			26.4	7.2	7.7	20.6	13.6	0.5
United Kingdom, Scotland	101.6	12.0	9.9	10.6	13.2	4.9	18.0	2.4	8.1	16.4	12.8	11.3
United Kingdom, Wales *	116.6	23.6	5.4	6.5	25.4	5.9	31.3	5.6	6.3	11.0	26.9	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, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	Total	Haemodialysis					Peritoneal dialysis				Transplant				Unkn	Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn			Total Tx
		N	N	N	N	N	N	N	N	N	N	N	N	N			N
Austria	1124	895	0	1	0	80	976	22	86	0	108	26	13	1	40	0	0
Belgium, Dutch-speaking *	1034	631	1	61	0	200	893	82	47	0	129	6	6	0	12	0	0
Belgium, French-speaking *	767	660	3	0	2	28	693	33	34	0	67	2	5	0	7	0	0
Denmark ‡	734	467	0	0			467	164	70	0	234	20	12	0	32	1	0
Finland ‡	474	335	6	0	0	6	347	69	53	0	122	3	1	0	4	0	0
Greece	1893	1639	0	0	1	52	1692	44	137	0	181	18	2	0	20	0	0
Iceland	24	15	0	0	0	0	15			7	7	2	0	0	2	0	0
Italy (12 of 20 regions) ‡ †	4805	2879	0	776	43	195	3893	268	420	2	690			10	10	213	0
Norway	505	336	0	0			336			105	105	35	28	0	63	1	0
Romania ‡	1817	1478	0	0			1478	0	317	0	317			22	22	0	0
Spain, Andalusia	932	808	0	0			808			108	108			16	16	0	0
Spain, Aragon ‡	168	154	1	0			156	4	1	2	7	1	5	0	6	0	0
Spain, Asturias * ‡	134	109	0	0			109	15	4	0	19	0	4	0	4	1	0
Spain, Basque country	233	171	0	0			171	0	60	0	60	0	2	0	2	0	0
Spain, Cantabria *	56	42	0	0			42	0	11	0	11	1	2	0	3	0	0
Spain, Castile and Leon * ‡	312	268	2	0			270	16	25	0	41	0	1	0	1	0	0
Spain, Castile-La Mancha *	204	174	0	0			174	3	24	0	27			3	3	0	0
Spain, Catalonia ‡	957	815	0	0			815	50	46	0	96	24	22	0	46	0	0
Spain, Valencian region	685	617	1	0			618	9	49	0	58	0	8	1	9	0	0
Sweden	1033	606	4	0			610			370	370	39	14	0	53	0	0
The Netherlands	1726	1204	0	0			1204	124	257	0	381	117	22	0	139	2	0
United Kingdom, All countries *	6257	4371	13	24	3	23	4434	410	968	19	1397	128	104	100	332	94	0
United Kingdom, England *	5172	3578	10	24	2	22	3636	354	786	19	1159	108	90	93	291	86	0
United Kingdom, Northern Ireland *	179	154	0	0	1	1	156	8	8	0	16	1	5	1	7	0	0
United Kingdom, Scotland	542	386	2	0			388	47	74	0	121	20	6	7	33	0	0
United Kingdom, Wales *	382	259	1	0	0	0	260	6	101	0	107	4	3	0	7	8	0

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

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

* Patients younger than 20 years of age are not reported

‡ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
Austria	135.7	108.1	0	0.1	0	9.7	117.9	2.7	10.4	0	13.0	3.1	1.6	0.1	4.8	0	0
Belgium, Dutch-speaking *	168.4	102.8	0.2	9.9	0	32.6	145.5	13.4	7.7	0	21.0	1.0	1.0	0	2.0	0	0
Belgium, French-speaking *	171.0	147.1	0.7	0	0.4	6.2	154.5	7.4	7.6	0	14.9	0.4	1.1	0	1.6	0	0
Denmark ‡	134.4	85.6	0	0			85.6	30.0	12.8	0	42.8	3.7	2.1	0	5.8	0.2	0
Finland ‡	89.7	63.3	1.2	0	0	1.1	65.7	13.0	10.0	0	23.0	0.6	0.2	0	0.8	0	0
Greece	169.1	146.4	0	0	0.1	4.6	151.2	3.9	12.2	0	16.2	1.6	0.2	0	1.8	0	0
Iceland	77.3	48.3	0	0	0	0	48.3			22.5	22.5	6.4	0	0	6.4	0	0
Italy (12 of 20 regions) ‡ †	143.2	85.8	0	23.1	1.3	5.8	116.0	8.0	12.5	0.1	20.6			0.3	0.3	6.3	0
Norway	107.2	71.4	0	0			71.4			22.3	22.3	7.4	5.9	0	13.4	0.2	0
Romania ‡	84.3	68.6	0	0			68.6	0	14.7	0	14.7			1.0	1.0	0	0
Spain, Andalusia	114.6	99.4	0	0			99.4			13.3	13.3			2.0	2.0	0	0
Spain, Aragon ‡	128.3	117.7	0.8	0			118.7	3.0	0.8	1.5	5.3	0.8	3.6	0	4.3	0	0
Spain, Asturias * ‡	124.1	100.9	0	0			100.9	13.9	4.0	0	17.9	0	4.0	0	4.0	0.9	0
Spain, Basque country	108.4	79.6	0	0			79.6	0	27.9	0	27.9	0	0.9	0	0.9	0	0
Spain, Cantabria *	97.0	72.7	0	0			72.7	0	19.0	0	19.0	1.7	3.5	0	5.2	0	0
Spain, Castile and Leon * ‡	122.8	106.3	0.8	0			106.3	6.3	9.8	0	16.1	0	0.4	0	0.4	0	0
Spain, Castile-La Mancha *	101.5	86.6	0	0			86.6	1.5	11.9	0	13.4			1.5	1.5	0	0
Spain, Catalonia ‡	132.7	113.0	0	0			113.0	6.9	6.4	0	13.3	3.3	3.1	0	6.4	0	0
Spain, Valencian region	140.2	126.3	0.2	0			126.5	1.8	10.0	0	11.9	0	1.6	0.2	1.8	0	0
Sweden	112.9	66.2	0.4	0			66.7			40.4	40.4	4.3	1.5	0	5.8	0	0
The Netherlands	105.4	73.5	0	0			73.5	7.6	15.7	0	23.3	7.1	1.3	0	8.5	0.1	0
United Kingdom, All countries *	102.6	71.7	0.2	0.4	0	0.4	72.7	6.7	15.9	0.3	22.9	2.1	1.7	1.6	5.4	1.5	0
United Kingdom, England *	101.2	70.0	0.2	0.5	0	0.4	71.2	6.9	15.4	0.4	22.7	2.1	1.8	1.8	5.7	1.7	0
United Kingdom, Northern Ireland *	101.7	87.5	0	0	0.6	0.6	88.7	4.5	4.5	0	9.1	0.6	2.8	0.6	4.0	0	0
United Kingdom, Scotland	105.4	75.0	0.4	0			75.4	9.1	14.4	0	23.5	3.9	1.2	1.4	6.4	0	0
United Kingdom, Wales *	128.2	86.9	0.3	0	0	0	87.2	2.0	33.9	0	35.9	1.3	1.0	0	2.3	2.7	0

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

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

*Patients younger than 20 years of age are not reported

‡ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	130.2	103.4	0	0.1	0	9.2	112.7	2.6	10.0	0	12.7	3.2	1.4	0.1	4.8	0	0
Belgium, Dutch-speaking *	146.0	87.9	0.1	8.8	0	28.0	124.8	12.2	7.0	0	19.2	1.0	0.9	0	1.9	0	0
Belgium, French-speaking *	164.7	141.4	0.7	0	0.4	6.2	148.8	7.1	7.3	0	14.4	0.5	1.1	0	1.6	0	0
Denmark ‡	129.4	82.5	0	0			82.5	28.2	12.5	0	40.9	3.7	1.9	0	5.7	0.2	0
Finland ‡	82.9	58.0	1.1	0	0	1.1	60.2	12.3	9.4	0	21.8	0.6	0.2	0	0.8	0	0
Greece	145.8	125.3	0	0	0.1	4.2	129.6	3.6	10.7	0	14.3	1.6	0.2	0	1.8	0	0
Iceland	81.5	53.3	0	0	0	0	53.3			22.2	22.2	6.0	0	0	6.0	0	0
Italy (12 of 20 regions) ‡ †	118.2	69.8	0	19.2	1.0	4.9	95.0	7.0	10.5	0	17.6			0.3	0.3	5.3	0
Norway	107.9	72.0	0	0			72.0			22.5	22.5	7.3	5.9	0	13.3	0.2	0
Romania ‡	84.7	68.6	0	0			68.6	0	15.2	0	15.2			1.0	1.0	0	0
Spain, Andalusia	118.2	102.5	0	0			102.5			13.6	13.6			2.0	2.0	0	0
Spain, Aragon ‡	111.0	101.2	0.6	0			102.0	2.8	0.8	1.0	4.6	1.0	3.1	0	4.1	0	0
Spain, Asturias * ‡	96.9	78.1	0	0			78.1	11.7	3.4	0	14.9	0	3.4	0	3.4	0.7	0
Spain, Basque country	93.3	67.2	0	0			67.2	0	25.0	0	25.0	0	1.2	0	1.2	0	0
Spain, Cantabria *	86.4	63.1	0	0			63.1	0	18.3	0	18.3	1.6	3.4	0	5.0	0	0
Spain, Castile and Leon * ‡	95.7	81.5	0.7	0			81.5	5.3	8.6	0	13.8	0	0.4	0	0.4	0	0
Spain, Castile-La Mancha *	94.2	79.9	0	0			79.9	1.7	11.2	0	12.9			1.5	1.5	0	0
Spain, Catalonia ‡	125.4	106.4	0	0			106.4	6.6	6.2	0	12.8	3.0	3.1	0	6.2	0	0
Spain, Valencian region	132.7	119.3	0.2	0			119.5	1.8	9.5	0	11.4	0	1.7	0.2	1.9	0	0
Sweden	103.1	60.5	0.5	0			61.0			36.4	36.4	4.2	1.5	0	5.7	0	0
The Netherlands	104.9	73.8	0	0			73.8	7.6	15.2	0	22.7	6.9	1.3	0	8.2	0.1	0
United Kingdom, All countries *	100.4	69.4	0.2	0.4	0	0.4	70.5	6.7	15.7	0.3	22.7	2.1	1.8	1.7	5.6	1.6	0
United Kingdom, England *	99.3	68.1	0.2	0.5	0	0.4	69.2	6.9	15.2	0.4	22.5	2.2	1.8	1.9	5.8	1.7	0
United Kingdom, Northern Ireland *	110.5	95.2	0	0	0.6	0.7	96.5	4.8	4.9	0	9.7	0.6	3.1	0.6	4.3	0	0
United Kingdom, Scotland	101.6	71.7	0.4	0			72.2	8.8	14.1	0	22.9	4.0	1.2	1.4	6.6	0	0
United Kingdom, Wales *	116.6	76.4	0.3	0	0	0	76.8	2.2	32.4	0	34.6	1.2	1.2	0	2.5	2.8	0

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

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

*Patients younger than 20 years of age are not reported

‡ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx			
		%	%	%	%	%	%	%	%	%	%	%	%	%	%			%
Austria	100	79.6	0	0.1	0	7.1	86.8	2.0	7.7	0	9.6	2.3	1.2	0.1	3.6	0	0	
Belgium, Dutch-speaking *	100	61.0	0.1	5.9	0	19.3	86.4	7.9	4.5	0	12.5	0.6	0.6	0	1.2	0	0	
Belgium, French-speaking *	100	86.0	0.4	0	0.3	3.7	90.4	4.3	4.4	0	8.7	0.3	0.7	0	0.9	0	0	
Denmark ‡	100	63.7	0	0			63.7	22.3	9.5	0	31.8	2.7	1.6	0	4.3	0.1	0	
Finland ‡	100	70.6	1.3	0	0	1.3	73.2	14.5	11.2	0	25.7	0.6	0.2	0	0.8	0	0	
Greece	100	86.6	0	0	0.1	2.7	89.4	2.3	7.2	0	9.6	1.0	0.1	0	1.1	0	0	
Iceland	100	62.5	0	0	0	0	62.5				29.2	29.2	8.3	0	0	8.3	0	0
Italy (12 of 20 regions) † ‡	100	59.9	0	16.1	0.9	4.1	81.0	5.6	8.7	0	14.4			0.2	0.2	4.4	0	
Norway	100	66.5	0	0			66.5				20.8	20.8	6.9	5.5	0	12.5	0.2	0
Romania ‡	100	81.3	0	0			81.3	0	17.5	0	17.5			1.2	1.2	0	0	
Spain, Andalusia	100	86.7	0	0			86.7			11.6	11.6			1.7	1.7	0	0	
Spain, Aragon ‡	100	91.7	0.6	0			92.5	2.4	0.6	1.2	4.2	0.6	2.8	0	3.4	0	0	
Spain, Asturias * ‡	100	81.3	0	0			81.3	11.2	3.2	0	14.5	0	3.2	0	3.2	0.7	0	
Spain, Basque country	100	73.4	0	0			73.4	0	25.8	0	25.8	0	0.9	0	0.9	0	0	
Spain, Cantabria *	100	75.0	0	0			75.0	0	19.6	0	19.6	1.8	3.6	0	5.4	0	0	
Spain, Castile and Leon * ‡	100	86.6	0.6	0			86.6	5.1	8.0	0	13.1	0	0.3	0	0.3	0	0	
Spain, Castile-La Mancha *	100	85.3	0	0			85.3	1.5	11.8	0	13.2			1.5	1.5	0	0	
Spain, Catalonia ‡	100	85.2	0	0			85.2	5.2	4.8	0	10.0	2.5	2.3	0	4.8	0	0	
Spain, Valencian region	100	90.1	0.1	0			90.2	1.3	7.2	0	8.5	0	1.2	0.1	1.3	0	0	
Sweden	100	58.7	0.4	0			59.1				35.8	35.8	3.8	1.4	0	5.1	0	0
The Netherlands	100	69.8	0	0			69.8	7.2	14.9	0	22.1	6.8	1.3	0	8.1	0.1	0	
United Kingdom, All countries *	100	69.9	0.2	0.4	0	0.4	70.9	6.6	15.5	0.3	22.3	2.0	1.7	1.6	5.3	1.5	0	
United Kingdom, England *	100	69.2	0.2	0.5	0	0.4	70.3	6.8	15.2	0.4	22.4	2.1	1.7	1.8	5.6	1.7	0	
United Kingdom, Northern Ireland *	100	86.0	0	0	0.6	0.6	87.2	4.5	4.5	0	8.9	0.6	2.8	0.6	3.9	0	0	
United Kingdom, Scotland	100	71.2	0.4	0			71.6	8.7	13.7	0	22.3	3.7	1.1	1.3	6.1	0	0	
United Kingdom, Wales *	100	67.8	0.3	0	0	0	68.1	1.6	26.4	0	28.0	1.0	0.8	0	1.8	2.1	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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

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

	Total				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	80	10	4	7	35	24	41	0	59	16	16	9	74	15	3	8	84	8	1	8	92	2	0	6	78	10	4	8	83	8	3	6	85	7	2	6	77	11	4	8
Belgium, Dutch-speaking *	67	12	1	19					51	27	4	18	58	20	3	19	68	13	0	18	75	5	0	21	67	13	2	18	67	12	0	21	66	10	0	24	67	13	2	18
Belgium, French-speaking *	86	9	1	4					73	18	4	6	85	9	2	4	88	6	0	5	88	9	0	3	87	8	1	3	85	10	1	5	83	11	1	5	88	8	1	4
Denmark ‡	64	32	4	0	8	42	50	0	55	34	10	1	53	41	6	0	74	25	1	0	75	25	0	0	65	31	4	0	61	33	5	0	70	27	3	0	62	33	5	0
Finland ‡	72	26	1	1	25	60	15	0	52	43	2	4	71	28	1	1	81	17	0	2	87	13	0	0	70	27	1	2	76	23	1	1	65	33	0	2	76	22	1	1
Greece	87	10	1	3	50	22	22	6	81	10	6	4	84	10	1	4	87	9	0	3	90	9	0	1	86	9	1	3	87	10	1	2	85	13	0	3	87	8	1	3
Iceland	63	29	8	0	0	100	0	0	60	40	0	0	50	25	25	0	100	0	0	0	67	33	0	0	69	19	13	0	50	50	0	0	100	0	0	0	57	33	10	0
Italy (12 of 20 regions) † ‡	76	14	0	9	46	40	2	11	68	20	1	11	71	19	0	10	78	13	0	9	81	10	0	9	76	14	0	10	76	15	0	9	77	14	0	9	76	14	0	9
Norway	67	21	12	0	14	29	57	0	48	22	28	1	62	18	20	0	76	20	4	0	76	24	0	0	68	19	13	0	63	25	12	0	62	24	15	0	67	20	12	0
Romania ‡	81	17	1	0	76	13	11	0	86	12	3	0	83	16	1	0	73	27	0	0	87	13	0	0	78	20	1	0	85	14	1	0	77	23	0	0	82	17	1	0
Spain, Andalusia	87	12	2	0	38	31	31	0	78	18	4	0	85	13	2	0	90	10	0	0	94	6	0	0	88	10	2	0	84	14	2	0	89	10	1	0	86	12	2	0
Spain, Aragon ‡	92	4	3	0	0	50	50	0	85	0	15	0	95	2	3	0	95	5	0	0	95	5	0	0	93	3	4	0	91	8	2	0	94	3	3	0	92	5	3	0
Spain, Asturias * ‡	82	15	3	1					60	32	9	0	73	17	7	2	92	8	0	0	89	11	0	0	82	11	5	1	80	20	0	0	70	26	0	4	84	12	4	0
Spain, Basque country	73	26	1	0	0	0	100	0	52	45	3	0	61	39	0	0	85	15	0	0	89	11	0	0	77	23	0	0	66	31	3	0	78	19	3	0	72	27	1	0
Spain, Cantabria *	75	20	5	0					40	20	40	0	64	32	5	0	86	14	0	0	93	7	0	0	71	21	8	0	83	17	0	0	70	30	0	0	76	17	7	0
Spain, Castile and Leon * ‡	87	13	0	0					71	26	3	0	86	14	0	0	87	13	0	0	91	9	0	0	86	13	0	0	87	13	0	0	85	15	0	0	87	13	0	0
Spain, Castile-La Mancha *	85	13	1	0					73	27	0	0	78	19	3	0	91	7	2	0	91	9	0	0	87	12	2	0	83	15	1	0	94	6	0	0	82	16	2	0
Spain, Catalonia ‡	85	10	5	0	50	0	50	0	59	22	20	0	82	13	5	0	92	8	1	0	95	5	0	0	83	11	5	0	89	8	4	0	93	7	0	0	83	11	6	0
Spain, Valencian region	90	8	1	0	50	38	13	0	83	15	2	0	87	10	3	0	93	7	0	0	96	4	0	0	91	8	1	0	89	9	2	0	92	7	1	0	90	9	1	0
Sweden	59	36	5	0	0	47	53	0	50	38	12	0	54	38	8	0	67	32	0	0	65	35	0	0	57	38	5	0	63	31	6	0	63	35	2	0	58	36	6	0
The Netherlands	70	22	8	0	35	46	19	0	46	29	24	0	60	28	12	0	80	18	2	0	87	13	0	0	69	23	8	0	71	21	8	0	80	20	0	0	67	23	10	0
United Kingdom, All countries *	70	22	5	2					54	27	15	4	64	27	6	2	78	20	1	1	86	13	0	0	71	22	5	1	69	23	5	3	73	21	4	2	70	23	6	2
United Kingdom, England *	70	22	6	2					53	27	16	5	64	27	6	3	77	21	2	1	85	14	0	1	71	22	6	2	69	23	6	3	72	22	4	2	69	23	6	2
United Kingdom, Northern Ireland *	86	9	4	1					73	12	15	0	73	19	6	2	95	3	0	2	96	4	0	0	83	11	4	2	92	5	3	0	90	10	0	0	85	9	5	1
United Kingdom, Scotland	72	22	6	0	33	33	33	0	62	24	14	0	63	31	6	0	84	16	0	0	90	10	0	0	74	21	4	0	68	24	9	0	79	11	11	0	70	25	5	0
United Kingdom, Wales *	68	28	2	2					44	44	8	4	55	40	3	2	72	24	0	4	90	10	0	0	69	28	2	1	66	28	2	4	70	26	0	4	67	29	2	1

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

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	All						0-19						20-44						45-64						65-74						75+					
	All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women		All		Men		Women							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%						
Austria	7738	100	4733	100	3005	100	106	1	59	1	47	2	1382	18	823	17	559	19	3260	42	2076	44	1184	39	1808	23	1116	24	692	23	1182	15	659	14	523	17
Belgium, Dutch-speaking *	6586	100	3833	100	2753	100							838	13	500	13	338	12	2385	36	1453	38	932	34	1544	23	894	23	650	24	1819	28	986	26	833	30
Belgium, French-speaking *	4975	100	2962	100	2013	100							748	15	461	16	287	14	1922	39	1164	39	758	38	1074	22	648	22	426	21	1231	25	689	23	542	27
Denmark	4511	100	2796	100	1715	100	87	2	47	2	40	2	1017	23	614	22	403	23	1868	41	1155	41	713	42	904	20	574	21	330	19	635	14	406	15	229	13
Finland	3943	100	2419	100	1524	100	135	3	77	3	58	4	728	18	441	18	287	19	1859	47	1161	48	698	46	723	18	440	18	283	19	498	13	300	12	198	13
Greece	11298	100	7081	100	4217	100	110	1	63	1	47	1	1753	16	1142	16	611	14	3947	35	2573	36	1374	33	2935	26	1771	25	1164	28	2551	23	1530	22	1021	24
Iceland	159	100	94	100	65	100	6	4	2	2	4	6	51	32	28	30	23	35	60	38	36	38	24	37	19	12	12	13	7	11	23	14	16	17	7	11
Italy (12 of 20 regions) † #	35626	100	22342	100	13284	100	256	1	143	1	113	1	4778	13	3008	13	1770	13	11741	33	7596	34	4145	31	9043	25	5818	26	3225	24	9808	28	5777	26	4031	30
Norway	3692	100	2370	100	1322	100	74	2	47	2	27	2	794	22	485	20	309	23	1563	42	1009	43	554	42	685	19	447	19	238	18	576	16	382	16	194	15
Romania	7918	100	4354	100	3564	100	103	1	55	1	48	1	1880	24	1066	24	814	23	3840	48	2160	50	1680	47	1590	20	818	19	772	22	505	6	255	6	250	7
Spain, Andalusia	7736	100	4557	100	3179	100	110	1	63	1	47	1	1666	22	1045	23	621	20	3071	40	1875	41	1196	38	1662	21	936	21	726	23	1227	16	638	14	589	19
Spain, Aragon	1175	100	742	100	433	100	7	1	4	1	3	1	197	17	117	16	80	18	452	38	296	40	156	36	255	22	161	22	94	22	264	22	164	22	100	23
Spain, Asturias *	1090	100	678	100	412	100							189	17	116	17	73	18	428	39	284	42	144	35	243	22	146	22	97	24	230	21	132	19	98	24
Spain, Basque country	2313	100	1439	100	874	100	44	2	30	2	14	2	404	17	223	15	181	21	950	41	614	43	336	38	510	22	333	23	177	20	405	18	239	17	166	19
Spain, Cantabria *	468	100	318	100	150	100							84	18	54	17	30	20	204	44	141	44	63	42	101	22	70	22	31	21	79	17	53	17	26	17
Spain, Castile and Leon *	2360	100	1487	100	873	100							405	17	265	18	140	16	893	38	580	39	313	36	520	22	310	21	210	24	542	23	332	22	210	24
Spain, Castile-La Mancha *	1846	100	1114	100	732	100							351	19	212	19	139	19	712	39	456	41	256	35	431	23	250	22	181	25	352	19	196	18	156	21
Spain, Catalonia	7928	100	4941	100	2987	100	79	1	51	1	28	1	1358	17	875	18	483	16	3078	39	1975	40	1103	37	1757	22	1067	22	690	23	1656	21	973	20	683	23
Spain, Valencian region	5330	100	3268	100	2062	100	56	1	39	1	17	1	939	18	580	18	359	17	2003	38	1266	39	737	36	1242	23	762	23	480	23	1090	20	621	19	469	23
Sweden	7969	100	5079	100	2890	100	143	2	83	2	60	2	1461	18	901	18	560	19	3437	43	2207	43	1230	43	1640	21	1045	21	595	21	1288	16	843	17	445	15
The Netherlands	13163	100	7823	100	5340	100	269	2	155	2	114	2	2711	21	1632	21	1079	20	5569	42	3325	43	2244	42	2731	21	1612	21	1119	21	1883	14	1099	14	784	15
United Kingdom, All countries *	46153	100	27948	100	18205	100							11356	25	6765	24	4591	25	18745	41	11294	40	7451	41	9151	20	5546	20	3605	20	6901	15	4343	16	2558	14
United Kingdom, England *	38240	100	23163	100	15077	100							9417	25	5589	24	3828	25	15530	41	9323	40	6207	41	7597	20	4619	20	2978	20	5696	15	3632	16	2064	14
United Kingdom, Northern Ireland *	1405	100	851	100	554	100							339	24	215	25	124	22	532	38	323	38	209	38	300	21	180	21	120	22	234	17	133	16	101	18
United Kingdom, Scotland	4144	100	2427	100	1717	100	90	2	50	2	40	2	1090	26	647	27	443	26	1705	41	1008	42	697	41	770	19	442	18	328	19	489	12	280	12	209	12
United Kingdom, Wales *	2454	100	1557	100	897	100							510	21	314	20	196	22	978	40	640	41	338	38	484	20	305	20	179	20	482	20	298	19	184	21

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	58.7	15.5	60.1	61.2	58.5	15.1	59.9	38.8	59.0	16.2	60.4
Belgium, Dutch-speaking *	100	63.8	15.1	65.6	58.2	63.2	14.9	64.6	41.8	64.5	15.3	67.4
Belgium, French-speaking *	100	62.4	15.7	63.5	59.5	62.0	15.6	63.0	40.5	63.0	15.8	64.0
Denmark	100	57.0	16.4	58.8	62.0	57.4	16.3	59.1	38.0	56.4	16.6	58.2
Finland	100	56.4	16.3	58.1	61.3	56.4	16.1	58.0	38.7	56.4	16.6	58.3
Greece	100	61.8	15.9	64.4	62.7	61.3	15.9	63.6	37.3	62.6	15.9	65.9
Iceland	100	52.5	19.0	55.5	59.1	54.7	18.5	58.0	40.9	49.3	19.5	51.0
Italy (12 of 20 regions) † #	100	63.7	15.9	66.4	62.7	63.4	15.6	65.8	37.3	64.3	16.3	67.3
Norway	100	57.4	16.6	58.9	64.2	57.8	16.5	59.4	35.8	56.6	16.7	58.2
Romania	100	54.5	14.6	55.7	55.0	54.0	14.5	55.3	45.0	55.1	14.7	56.3
Spain, Andalusia	100	57.9	16.2	59.6	58.9	56.9	16.0	58.1	41.1	59.3	16.2	61.6
Spain, Aragon	100	60.9	15.7	61.9	63.1	60.9	15.4	61.4	36.9	60.8	16.2	62.9
Spain, Asturias *	100	60.8	15.4	62.4	62.2	60.1	15.1	60.6	37.8	61.8	15.7	63.7
Spain, Basque country	100	58.9	16.2	60.7	62.2	59.1	15.9	60.9	37.8	58.6	16.7	60.3
Spain, Cantabria *	100	59.7	14.5	61.1	67.9	59.9	14.2	61.3	32.1	59.3	15.0	60.9
Spain, Castile and Leon *	100	61.4	15.3	62.6	63.0	60.9	15.3	61.7	37.0	62.3	15.4	64.3
Spain, Castile-La Mancha *	100	60.2	15.2	62.0	60.3	59.4	15.2	60.8	39.7	61.3	15.2	63.6
Spain, Catalonia	100	60.6	16.0	62.3	62.3	60.0	15.9	61.7	37.7	61.5	16.1	63.2
Spain, Valencian region	100	60.5	16.2	62.5	61.3	60.0	16.1	62.2	38.7	61.2	16.3	63.0
Sweden	100	58.6	16.0	60.3	63.7	58.9	15.9	60.6	36.3	58.0	16.2	59.7
The Netherlands	100	57.2	16.3	58.9	59.4	57.1	16.2	58.9	40.6	57.3	16.4	59.0
United Kingdom, All countries *	100	57.2	15.9	57.9	60.6	57.5	15.9	58.1	39.4	56.8	15.9	57.6
United Kingdom, England *	100	57.2	15.9	57.9	60.6	57.5	16.0	58.2	39.4	56.7	15.8	57.5
United Kingdom, Northern Ireland *	100	57.7	16.3	58.9	60.6	57.3	16.2	58.3	39.4	58.4	16.3	59.9
United Kingdom, Scotland	100	54.9	16.4	55.4	58.6	54.8	16.3	55.6	41.4	55.0	16.6	55.0
United Kingdom, Wales *	100	59.3	16.2	60.2	63.4	59.3	16.1	60.2	36.6	59.3	16.3	60.1

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

Percentages are row percentages

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	934.4	1175.0	706.5	59.0	64.1	53.8	460.7	544.7	375.5	1558.2	2012.0	1116.6	2416.9	3246.9	1711.5	1829.1	2988.2	1228.6
Belgium, Dutch-speaking *	1072.7	1265.6	884.9				410.4	483.8	335.1	1449.5	1751.1	1142.7	2709.2	3322.1	2161.0	3465.7	4868.1	2584.5
Belgium, French-speaking *	1109.0	1362.2	870.7				484.2	594.5	373.1	1698.4	2091.6	1317.9	3071.8	4126.1	2212.0	3322.4	5342.7	2243.8
Denmark	826.0	1033.8	622.1	64.9	68.4	61.2	562.1	671.5	450.3	1272.8	1568.4	975.1	1957.1	2602.8	1367.1	1662.4	2777.0	971.2
Finland	745.5	933.9	564.8	110.1	123.0	96.6	431.5	511.7	347.7	1236.9	1550.0	925.8	1558.8	2067.8	1127.3	1220.2	2134.4	739.9
Greece	1009.4	1277.5	746.4	50.3	55.9	44.4	428.0	542.3	307.0	1395.1	1854.0	953.2	2531.5	3393.0	1826.0	2764.4	3826.4	1952.4
Iceland	512.0	594.8	426.3	67.5	44.0	92.0	454.2	480.5	425.8	818.9	948.6	679.5	1034.7	1352.9	737.4	1302.5	2137.0	688.2
Italy (12 of 20 regions) † #	1061.8	1369.7	770.5	41.2	44.7	37.5	402.4	500.7	301.8	1350.3	1779.0	936.6	2566.2	3574.5	1700.8	3023.9	4791.2	1978.1
Norway	784.0	1011.6	558.7	60.7	75.3	45.4	494.3	593.2	391.7	1308.3	1663.9	941.7	2053.7	2817.4	1360.9	1618.4	2815.0	881.0
Romania	367.5	414.6	322.7	21.3	22.2	20.3	228.4	254.4	201.4	728.1	855.2	611.4	824.8	994.4	698.6	395.5	525.3	315.9
Spain, Andalusia	951.4	1129.3	776.2	60.7	67.5	53.4	509.3	624.8	388.4	1652.6	2032.6	1278.0	2623.4	3205.7	2125.6	2213.4	2973.0	1733.7
Spain, Aragon	895.7	1131.6	660.0	30.3	33.6	26.7	398.3	449.8	341.2	1394.0	1811.2	970.0	2119.2	2847.1	1473.9	1866.8	2890.4	1181.0
Spain, Asturias *	1011.6	1311.9	734.8				489.3	594.8	381.7	1404.2	1915.5	919.9	2242.7	2966.9	1640.1	1810.1	2824.4	1220.0
Spain, Basque country	1076.1	1369.2	795.6	122.1	162.2	79.9	500.8	540.3	459.5	1629.1	2139.3	1134.6	2548.6	3605.6	1642.6	2032.3	3233.5	1324.1
Spain, Cantabria *	810.4	1124.2	509.2				380.1	479.6	276.8	1340.3	1864.5	822.6	2030.7	3049.8	1157.4	1383.4	2482.0	727.3
Spain, Castile and Leon *	928.1	1180.0	680.6				444.9	564.6	317.5	1373.4	1740.5	987.4	2023.6	2565.8	1542.4	1732.4	2661.9	1116.2
Spain, Castile-La Mancha *	918.3	1098.2	735.1				446.2	513.2	372.1	1612.8	2022.7	1185.1	2542.1	3156.8	2003.3	1831.2	2445.1	1392.0
Spain, Catalonia	1099.5	1380.9	822.3	57.2	71.6	41.8	466.5	578.1	345.6	1775.4	2308.4	1256.1	2966.5	3888.8	2170.4	2800.4	4377.8	1850.5
Spain, Valencian region	1091.1	1343.7	840.6	58.4	79.1	36.5	479.6	571.4	380.7	1705.3	2187.4	1237.0	2912.6	3775.6	2137.1	2966.1	4327.0	2094.0
Sweden	871.1	1117.8	627.7	65.8	74.4	56.7	488.4	590.1	382.4	1439.3	1833.8	1038.5	2063.3	2724.0	1446.9	1609.8	2682.6	915.9
The Netherlands	803.5	965.8	644.8	68.1	76.7	59.1	484.2	578.8	388.2	1253.8	1487.3	1017.1	2095.2	2584.8	1646.0	1730.5	2734.7	1142.5
United Kingdom, All countries *	756.9	934.2	586.1				534.5	635.9	432.7	1232.3	1508.5	964.6	1809.3	2312.5	1355.5	1461.5	2367.3	886.0
United Kingdom, England *	748.5	922.3	580.4				525.6	621.3	429.0	1226.6	1494.2	966.6	1812.0	2315.6	1355.0	1435.8	2344.1	853.7
United Kingdom, Northern Ireland *	798.6	987.1	617.4				544.7	695.1	396.0	1293.5	1597.4	999.5	2274.5	2926.8	1704.5	2096.8	3189.4	1444.9
United Kingdom, Scotland	805.6	976.4	645.9	76.2	82.6	69.5	620.4	749.8	495.6	1253.0	1519.7	999.4	1683.4	2104.8	1325.8	1259.3	1941.7	856.2
United Kingdom, Wales *	823.5	1070.8	587.8				536.4	667.4	408.2	1257.1	1675.8	853.3	1753.6	2308.9	1243.9	1891.7	3001.0	1183.3

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Austria	934.4	100	230.2	24.6	74.9	8.0	57.1	6.1	52.2	5.6	144.9	15.5	197.1	21.1	64.5	6.9	54.9	5.9	164.0	17.5	91.8	9.8	0	0
Belgium, Dutch-speaking *	1072.7	100	205.4	19.1	87.6	8.2	98.7	9.2	57.3	5.3	133.9	12.5	191.2	17.8	69.9	6.5	117.4	10.9	210.4	19.6	92.0	8.6	0	0
Belgium, French-speaking *	1109.0	100	202.8	18.3	123.9	11.2	81.1	7.3	36.6	3.3	145.6	13.1	182.1	16.4	144.7	13.0	49.9	4.5	260.6	23.5	63.8	5.7	0	0
Denmark	826.0	100	167.2	20.2	72.3	8.8	69.8	8.4	88.4	10.7	53.5	6.5	141.9	17.2	82.2	10.0	4.0	0.5	150.5	18.2	138.1	16.7	0	0
Finland	745.5	100	160.7	21.6	77.5	10.4	87.0	11.7	128.2	17.2	67.1	9.0	195.3	26.2	25.7	3.4	3.8	0.5	130.8	17.6	64.7	8.7	0	0
Greece	1009.4	100	204.7	20.3	74.1	7.3	79.6	7.9	23.1	2.3	159.8	15.8	183.0	18.1	90.7	9.0	18.0	1.8	86.7	8.6	272.8	27.0	0	0
Iceland	512.0	100	135.3	26.4	77.3	15.1	32.2	6.3	12.9	2.5	22.5	4.4	35.4	6.9	87.0	17.0	6.4	1.3	125.6	24.5	12.9	2.5	0	0
Italy (12 of 20 regions) † #	1061.8	100	217.0	20.4	87.2	8.2	84.6	8.0					132.9	12.5	144.5	13.6	44.8	4.2	134.6	12.7	173.9	16.4	42.3	4.0
Norway	784.0	100	239.1	30.5	75.6	9.6	87.1	11.1					84.5	10.8	124.9	15.9	4.9	0.6	148.2	18.9	19.7	2.5	0	0
Romania	367.5	100	102.0	27.8	65.7	17.9	31.8	8.7					29.7	8.1	21.3	5.8	3.0	0.8	30.1	8.2	83.9	22.8	0	0
Spain, Andalusia	951.4	100	209.6	22.0	118.8	12.5	88.2	9.3					118.9	12.5	75.1	7.9	28.3	3.0	115.0	12.1	197.5	20.8	0	0
Spain, Aragon	895.7	100	160.1	17.9	61.7	6.9	69.4	7.7	69.4	7.7	69.4	7.7	138.7	15.5	64.8	7.2	33.5	3.7	133.4	14.9	234.0	26.1	0	0
Spain, Asturias *	1011.6	100	209.7	20.7	76.1	7.5	99.3	9.8	65.9	6.5	83.5	8.3	149.4	14.8	157.8	15.6	13.0	1.3	153.1	15.1	153.1	15.1	0	0
Spain, Basque country	1076.1	100	261.9	24.3	122.4	11.4	115.8	10.8	35.8	3.3	56.8	5.3	92.6	8.6	106.1	9.9	44.7	4.2	190.3	17.7	142.4	13.2	0	0
Spain, Cantabria *	810.4	100	280.5	34.6	79.7	9.8	69.3	8.5	34.6	4.3	64.1	7.9	98.7	12.2	77.9	9.6	72.7	9.0	88.3	10.9	39.8	4.9	3.5	0.4
Spain, Castile and Leon *	928.1	100	151.4	16.3	56.2	6.1	64.5	6.9	53.9	5.8	75.9	8.2	129.8	14.0	95.6	10.3	11.4	1.2	106.6	11.5	312.6	33.7	0	0
Spain, Castile-La Mancha *	918.3	100	190.5	20.7	123.9	13.5	90.5	9.9					137.8	15.0	57.7	6.3	7.0	0.8	108.4	11.8	202.5	22.0	0	0
Spain, Catalonia	1099.5	100	243.8	22.2	129.0	11.7	113.2	10.3	30.9	2.8	107.5	9.8	139.1	12.7	96.2	8.8	46.0	4.2	112.3	10.2	219.8	20.0	0	0
Spain, Valencian region	1091.1	100	226.2	20.7	125.1	11.5	96.4	8.8					117.9	10.8	144.7	13.3	37.7	3.5	116.3	10.7	226.8	20.8	0	0
Sweden	871.1	100	230.6	26.5	58.5	6.7	82.4	9.5	97.8	11.2	67.1	7.7	165.0	18.9	61.8	7.1	39.0	4.5	171.3	19.7	60.2	6.9	2.3	0.3
The Netherlands	803.5	100	149.7	18.6	75.1	9.4	66.5	8.3	34.5	4.3	50.6	6.3	85.1	10.6	78.2	9.7	47.9	6.0	135.3	16.8	91.7	11.4	73.9	9.2
United Kingdom, All countries *	756.9	100	137.3	18.1	88.8	11.7	66.3	8.8					101.6	13.4	40.6	5.4	19.3	2.5	119.6	15.8	139.3	18.4	44.2	5.8
United Kingdom, England *	748.5	100	130.3	17.4	83.7	11.2	63.7	8.5	55.7	7.4	44.1	5.9	99.8	13.3	42.5	5.7	17.8	2.4	119.0	15.9	140.7	18.8	50.9	6.8
United Kingdom, Northern Ireland *	798.6	100	147.2	18.4	127.3	15.9	87.0	10.9					118.8	14.9	22.7	2.8	27.3	3.4	158.0	19.8	108.6	13.6	1.7	0.2
United Kingdom, Scotland	805.6	100	178.7	22.2	131.2	16.3	85.9	10.7	70.6	8.8	28.2	3.5	98.8	12.3	28.6	3.5	26.6	3.3	132.6	16.5	108.9	13.5	14.4	1.8
United Kingdom, Wales *	823.5	100	182.9	22.2	87.6	10.6	64.4	7.8	93.3	11.3	34.2	4.2	127.5	15.5	39.6	4.8	26.8	3.3	103.0	12.5	185.9	22.6	5.7	0.7

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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

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

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
					Type I	Type II	Both					
					Pmp	Pmp	Pmp					
Austria	894.2	219.7	72.4	54.6	49.3	138.4	187.7	61.3	51.8	158.9	87.9	0
Belgium, Dutch-speaking *	961.9	188.2	80.5	89.8	52.4	116.6	169.0	59.3	96.0	197.3	81.9	0
Belgium, French-speaking *	1087.4	199.8	122.2	82.5	36.1	143.6	179.7	137.2	47.0	255.7	63.3	0
Denmark	798.0	163.6	71.4	65.1	84.0	51.0	135.0	76.8	3.8	148.9	133.4	0
Finland	698.6	149.9	73.3	77.5	123.3	60.6	183.9	23.6	3.4	127.0	60.0	0
Greece	899.9	189.1	66.9	72.6	22.3	135.7	158.0	77.5	15.3	79.8	240.7	0
Iceland	551.1	152.4	85.3	37.3	13.0	26.3	39.3	89.6	9.6	124.4	13.2	0
Italy (12 of 20 regions) † #	901.1	193.8	75.6	73.6			109.8	113.7	34.7	119.3	144.7	36.0
Norway	791.0	241.5	77.2	89.4			84.4	122.8	4.7	151.5	19.5	0
Romania	367.9	101.9	65.1	31.5			30.0	21.7	3.0	30.3	84.3	0
Spain, Andalusia	981.2	212.9	121.8	94.6			125.4	77.5	28.5	116.3	204.1	0
Spain, Aragon	791.9	146.1	52.8	63.3	64.4	58.4	122.8	49.7	26.5	119.7	210.9	0
Spain, Asturias *	837.3	179.1	68.4	83.8	59.3	67.1	126.4	117.2	9.1	130.0	123.5	0
Spain, Basque country	964.9	237.3	112.8	103.3	32.3	48.4	80.8	89.5	37.1	179.9	124.2	0
Spain, Cantabria *	736.3	254.5	70.0	67.5	32.3	59.3	91.6	67.8	61.3	84.4	36.0	3.2
Spain, Castile and Leon *	778.8	132.9	48.2	57.8	47.1	58.6	105.7	69.7	8.6	89.3	266.4	0
Spain, Castile-La Mancha *	901.0	193.2	119.7	96.2			136.2	52.8	5.2	104.2	193.4	0
Spain, Catalonia	1060.0	237.1	123.2	112.5	30.1	103.8	134.7	90.7	43.4	109.8	208.7	0
Spain, Valencian region	1049.6	219.5	120.1	95.7			113.5	136.0	35.4	113.1	216.3	0
Sweden	816.0	220.2	56.1	75.7	94.2	60.7	154.9	52.2	33.1	166.0	55.7	2.1
The Netherlands	791.1	145.1	74.5	64.0	33.0	50.5	83.5	76.6	48.2	135.2	91.6	72.4
United Kingdom, All countries *	748.3	136.9	88.7	65.5			100.7	39.7	17.9	119.6	135.9	43.4
United Kingdom, England *	741.5	130.1	83.4	63.4	55.8	43.6	99.3	41.7	16.7	119.1	137.8	50.1
United Kingdom, Northern Ireland *	857.8	158.5	135.7	92.9			127.8	24.2	30.2	171.0	116.0	1.6
United Kingdom, Scotland	782.3	174.6	129.9	80.7	69.1	26.5	95.6	27.0	24.5	131.0	105.4	13.7
United Kingdom, Wales *	780.1	178.5	87.9	59.6	88.6	30.9	119.5	36.6	21.7	100.7	170.4	5.3

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

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

Table A.4.6
Prevalent counts

prevalent patients on December 31, by established therapy

	Total	Haemodialysis					Peritoneal dialysis				Transplant				Unkn	Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn			Total Tx
		N	N	N	N	N	N	N	N	N	N	N	N	N			N
Austria	7738	2897	4	1	0	700	3602	116	229	0	345	409	3380	2	3791	0	0
Belgium, Dutch-speaking *	6586	2212	8	306	6	929	3461	254	155	1	410	80	2112	523	2715	0	0
Belgium, French-speaking *	4975	2488	35	0	16	173	2712	142	104	0	246	82	1460	475	2017	0	0
Denmark	4511	1907	114	0			2021	439	204	0	643	515	1270	42	1827	20	0
Finland	3943	1084	57	0	0	119	1260	188	133	0	321	178	2180	4	2362	0	0
Greece	11298	7116	1	0	33	1158	8308	262	493	0	755	1058	1177	0	2235	0	0
Iceland	159	44	1	0	0	0	45			16	16	73	25	0	98	0	0
Italy (12 of 20 regions) † #	35626	16551	6	5072	671	3277	25577	1221	1677	1	2899	270	543	6335	7148	2	0
Norway	3692	883	3	0			886			208	208	1206	1390	1	2597	1	0
Romania	7918	6091	0	0			6091	0	1352	0	1352			475	475	0	0
Spain, Andalusia	7736	3786	7	0			3793			346	346			3597	3597	0	0
Spain, Aragon	1175	533	7	0			540	5	2	1	8	8	619	0	627	0	0
Spain, Asturias *	1090	384	2	0			386	37	16	0	53	4	584	0	588	63	0
Spain, Basque country	2313	743	1	0			744	0	208	0	208	3	1358	0	1361	0	0
Spain, Cantabria *	468	162	0	0			162	0	43	0	43	8	255	0	263	0	0
Spain, Castile and Leon *	2360	1080	3	0			1083	60	72	0	132	0	1138	0	1138	7	0
Spain, Castile-La Mancha *	1846	838	1	0			839	25	77	0	102			887	887	18	0
Spain, Catalonia	7928	3681	6	0			3687	173	105	0	278	291	3672	0	3963	0	0
Spain, Valencian region	5330	2959	2	0			2961	35	196	0	231	2	920	1177	2099	39	0
Sweden	7969	2660	104	0			2764			879	879	1753	2571	0	4324	2	0
The Netherlands	13163	4437	131	0			4568	591	673	1	1265	2331	4988	5	7324	6	0
United Kingdom, All countries *	46153	19743	461	202	27	134	20567	1791	2995	102	4888	2189	10951	5967	19107	1591	0
United Kingdom, England *	38240	16341	398	115	25	121	17000	1464	2492	87	4043	1718	8538	5496	15752	1445	0
United Kingdom, Northern Ireland *	1405	605	1	86	1	13	706	71	22	14	107	39	202	350	591	1	0
United Kingdom, Scotland	4144	1763	42	0			1805	207	180	0	387	416	1468	66	1950	2	0
United Kingdom, Wales * ‡	2454	1044	20	1	1	0	1066	58	303	1	362	44	779	60	883	143	0

Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

‡ Number of living transplants is underestimated

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
	Pmp	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	934.4	349.8	0.5	0.1	0	84.5	435.0	14.0	27.7	0	41.7	49.4	408.1	0.2	457.8	0	0
Belgium, Dutch-speaking *	1072.7	360.3	1.3	49.8	1.0	151.3	563.7	41.4	25.2	0.2	66.8	13.0	344.0	85.2	442.2	0	0
Belgium, French-speaking *	1109.0	554.6	7.8	0	3.6	38.6	604.5	31.7	23.2	0	54.8	18.3	325.4	105.9	449.6	0	0
Denmark	826.0	349.2	20.9	0			370.0	80.4	37.4	0	117.7	94.3	232.5	7.7	334.5	3.7	0
Finland	745.5	205.0	10.8	0	0	22.5	238.2	35.5	25.1	0	60.7	33.7	412.2	0.8	446.6	0	0
Greece	1009.4	635.8	0.1	0	2.9	103.5	742.3	23.4	44.0	0	67.5	94.5	105.2	0	199.7	0	0
Iceland	512.0	141.7	3.2	0	0	0	144.9			51.5	51.5	235.1	80.5	0	315.6	0	0
Italy (12 of 20 regions) † #	1061.8	493.3	0.2	151.2	20.0	97.7	762.3	36.4	50.0	0	86.4	8.0	16.2	188.8	213.0	0.1	0
Norway	784.0	187.5	0.6	0			188.1			44.2	44.2	256.1	295.2	0.2	551.5	0.2	0
Romania	367.5	282.7	0	0			282.7	0	62.7	0	62.7			22.0	22.0	0	0
Spain, Andalusia	951.4	465.6	0.9	0			466.5			42.6	42.6			442.4	442.4	0	0
Spain, Aragon	895.7	406.3	5.3	0			411.7	3.8	1.5	0.8	6.1	6.1	471.9	0	478.0	0	0
Spain, Asturias *	1011.6	356.4	1.9	0			358.2	34.3	14.8	0	49.2	3.7	542.0	0	545.7	58.5	0
Spain, Basque country	1076.1	345.7	0.5	0			346.1	0	96.8	0	96.8	1.4	631.8	0	633.2	0	0
Spain, Cantabria *	810.4	280.5	0	0			280.5	0	74.5	0	74.5	13.9	441.6	0	455.4	0	0
Spain, Castile and Leon *	928.1	424.7	1.2	0			425.9	23.6	28.3	0	51.9	0	447.5	0	447.5	2.8	0
Spain, Castile-La Mancha *	918.3	416.9	0.5	0			417.4	12.4	38.3	0	50.7			441.2	441.2	9.0	0
Spain, Catalonia	1099.5	510.5	0.8	0			511.3	24.0	14.6	0	38.6	40.4	509.3	0	549.6	0	0
Spain, Valencian region	1091.1	605.7	0.4	0			606.1	7.2	40.1	0	47.3	0.4	188.3	240.9	429.7	8.0	0
Sweden	871.1	290.8	11.4	0			302.1			96.1	96.1	191.6	281.0	0	472.7	0.2	0
The Netherlands	803.5	270.9	8.0	0			278.8	36.1	41.1	0.1	77.2	142.3	304.5	0.3	447.1	0.4	0
United Kingdom, All countries *	756.9	323.8	7.6	3.3	0.4	2.2	337.3	29.4	49.1	1.7	80.2	35.9	179.6	97.9	313.4	26.1	0
United Kingdom, England *	748.5	319.8	7.8	2.3	0.5	2.4	332.7	28.7	48.8	1.7	79.1	33.6	167.1	107.6	308.3	28.3	0
United Kingdom, Northern Ireland *	798.6	343.9	0.6	48.9	0.6	7.4	401.3	40.4	12.5	8.0	60.8	22.2	114.8	198.9	335.9	0.6	0
United Kingdom, Scotland	805.6	342.7	8.2	0			350.9	40.2	35.0	0	75.2	80.9	285.4	12.8	379.1	0.4	0
United Kingdom, Wales * ‡	823.5	350.3	6.7	0.3	0.3	0	357.7	19.5	101.7	0.3	121.5	14.8	261.4	20.1	296.3	48.0	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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

‡ Number of living transplants is underestimated

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
	Pmp	HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	894.2	333.5	0.4	0.1	0	80.1	414.1	13.5	26.7	0	40.2	48.7	391.0	0.2	439.9	0	0
Belgium, Dutch-speaking *	961.9	310.0	1.2	43.2	0.9	131.2	486.4	37.4	23.0	0.2	60.5	13.4	323.2	78.3	414.9	0	0
Belgium, French-speaking *	1087.4	527.3	7.9	0	3.4	38.2	576.8	31.0	22.9	0	53.9	18.9	331.5	106.3	456.7	0	0
Denmark	798.0	336.4	19.8	0			356.2	77.2	36.6	0	113.7	95.5	221.5	7.6	324.7	3.4	0
Finland	698.6	187.0	10.3	0	0	20.7	218.0	34.1	24.1	0	58.2	32.5	389.2	0.7	422.4	0	0
Greece	899.9	551.9	0.1	0	2.6	92.4	647.0	21.5	38.6	0	60.0	92.7	100.2	0	192.9	0	0
Iceland	551.1	160.2	3.0	0	0	0	163.2			54.4	54.4	244.6	88.9	0	333.5	0	0
Italy (12 of 20 regions) † #	901.1	403.4	0.2	124.6	16.8	83.5	628.4	31.9	41.7	0	73.6	7.7	15.3	176.2	199.1	0.1	0
Norway	791.0	184.8	0.6	0			185.5			44.3	44.3	260.2	300.6	0.2	561.0	0.2	0
Romania	367.9	283.0	0	0			283.0	0	63.2	0	63.2			21.6	21.6	0	0
Spain, Andalusia	981.2	480.9	0.8	0			481.7			43.7	43.7			455.7	455.7	0	0
Spain, Aragon	791.9	330.1	4.6	0			334.7	3.2	1.4	0.4	5.1	5.7	446.4	0	452.1	0	0
Spain, Asturias *	837.3	269.6	1.4	0			271.0	28.6	12.3	0	40.9	3.6	476.1	0	479.7	45.7	0
Spain, Basque country	964.9	292.7	0.4	0			293.1	0	84.8	0	84.8	1.2	585.7	0	586.9	0	0
Spain, Cantabria *	736.3	240.5	0	0			240.5	0	64.0	0	64.0	13.8	418.0	0	431.8	0	0
Spain, Castile and Leon *	778.8	321.3	1.1	0			322.4	19.6	23.0	0	42.5	0	412.5	0	412.5	1.4	0
Spain, Castile-La Mancha *	901.0	381.6	0.6	0			382.2	13.0	37.7	0	50.7			458.5	458.5	9.6	0
Spain, Catalonia	1060.0	476.7	0.8	0			477.5	23.1	14.2	0	37.2	38.8	506.4	0	545.2	0	0
Spain, Valencian region	1049.6	572.9	0.4	0			573.3	6.9	38.6	0	45.5	0.4	184.7	237.8	422.9	7.9	0
Sweden	816.0	259.2	10.8	0			270.1			86.9	86.9	190.9	268.0	0	458.9	0.2	0
The Netherlands	791.1	271.9	7.6	0			279.5	35.6	40.3	0.1	76.0	138.9	295.9	0.3	435.1	0.4	0
United Kingdom, All countries *	748.3	314.3	7.6	3.2	0.5	2.1	327.7	29.2	48.1	1.6	79.0	36.6	180.0	98.7	315.3	26.3	0
United Kingdom, England *	741.5	311.3	7.8	2.2	0.5	2.3	324.1	28.6	47.9	1.7	78.2	34.2	167.9	108.6	310.7	28.5	0
United Kingdom, Northern Ireland *	857.8	371.8	0.6	53.8	0.6	7.8	434.6	42.6	13.4	8.4	64.3	23.6	122.4	212.3	358.2	0.7	0
United Kingdom, Scotland	782.3	328.7	7.5	0			336.3	38.7	34.2	0	72.9	81.7	278.4	12.7	372.8	0.4	0
United Kingdom, Wales * ‡	780.1	313.6	6.7	0.3	0.3	0	320.9	18.7	93.8	0.3	112.8	15.9	261.4	20.7	298.0	48.4	0

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

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

‡ Number of living transplants is underestimated

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	37.4	0.1	0	0	9.0	46.5	1.5	3.0	0	4.5	5.3	43.7	0	49.0	0	0
Belgium, Dutch-speaking *	100	33.6	0.1	4.6	0.1	14.1	52.6	3.9	2.4	0	6.2	1.2	32.1	7.9	41.2	0	0
Belgium, French-speaking *	100	50.0	0.7	0	0.3	3.5	54.5	2.9	2.1	0	4.9	1.6	29.3	9.5	40.5	0	0
Denmark	100	42.3	2.5	0			44.8	9.7	4.5	0	14.3	11.4	28.2	0.9	40.5	0.4	0
Finland	100	27.5	1.4	0	0	3.0	32.0	4.8	3.4	0	8.1	4.5	55.3	0.1	59.9	0	0
Greece	100	63.0	0	0	0.3	10.2	73.5	2.3	4.4	0	6.7	9.4	10.4	0	19.8	0	0
Iceland	100	27.7	0.6	0	0	0	28.3			10.1	10.1	45.9	15.7	0	61.6	0	0
Italy (12 of 20 regions) † #	100	46.5	0	14.2	1.9	9.2	71.8	3.4	4.7	0	8.1	0.8	1.5	17.8	20.1	0	0
Norway	100	23.9	0.1	0			24.0			5.6	5.6	32.7	37.6	0	70.3	0	0
Romania	100	76.9	0	0			76.9	0	17.1	0	17.1			6.0	6.0	0	0
Spain, Andalusia	100	48.9	0.1	0			49.0			4.5	4.5			46.5	46.5	0	0
Spain, Aragon	100	45.4	0.6	0			46.0	0.4	0.2	0.1	0.7	0.7	52.7	0	53.4	0	0
Spain, Asturias *	100	35.2	0.2	0			35.4	3.4	1.5	0	4.9	0.4	53.6	0	53.9	5.8	0
Spain, Basque country	100	32.1	0	0			32.2	0	9.0	0	9.0	0.1	58.7	0	58.8	0	0
Spain, Cantabria *	100	34.6	0	0			34.6	0	9.2	0	9.2	1.7	54.5	0	56.2	0	0
Spain, Castile and Leon *	100	45.8	0.1	0			45.9	2.5	3.1	0	5.6	0	48.2	0	48.2	0.3	0
Spain, Castile-La Mancha *	100	45.4	0.1	0			45.4	1.4	4.2	0	5.5			48.0	48.0	1.0	0
Spain, Catalonia	100	46.4	0.1	0			46.5	2.2	1.3	0	3.5	3.7	46.3	0	50.0	0	0
Spain, Valencian region	100	55.5	0	0			55.6	0.7	3.7	0	4.3	0	17.3	22.1	39.4	0.7	0
Sweden	100	33.4	1.3	0			34.7			11.0	11.0	22.0	32.3	0	54.3	0	0
The Netherlands	100	33.7	1.0	0			34.7	4.5	5.1	0	9.6	17.7	37.9	0	55.6	0	0
United Kingdom, All countries *	100	42.8	1.0	0.4	0.1	0.3	44.6	3.9	6.5	0.2	10.6	4.7	23.7	12.9	41.4	3.4	0
United Kingdom, England *	100	42.7	1.0	0.3	0.1	0.3	44.5	3.8	6.5	0.2	10.6	4.5	22.3	14.4	41.2	3.8	0
United Kingdom, Northern Ireland *	100	43.1	0.1	6.1	0.1	0.9	50.2	5.1	1.6	1.0	7.6	2.8	14.4	24.9	42.1	0.1	0
United Kingdom, Scotland	100	42.5	1.0	0			43.6	5.0	4.3	0	9.3	10.0	35.4	1.6	47.1	0	0
United Kingdom, Wales * ‡	100	42.5	0.8	0	0	0	43.4	2.4	12.3	0	14.8	1.8	31.7	2.4	36.0	5.8	0

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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

‡ Number of living transplants is underestimated

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

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

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

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

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

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

Table A.5.1
Renal transplants performed in 2007, numbers and percentages
by donor type

	Total		Living								Deceased		Donor type Unkn	
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Austria §	398	100	36	9.0	25	6.3	0	0	61	15.3	337	84.7	0	0
Belgium, Dutch-speaking *	249	100	8	3.2	12	4.8	0	0	20	8.0	228	91.6	1	0.4
Belgium, French-speaking *	183	100	6	3.3	5	2.7	0	0	11	6.0	172	94.0	0	0
Denmark	171	100	45	26.3	12	7.0	0	0	57	33.3	114	66.7	0	0
Finland	171	100	5	2.9	0	0	0	0	5	2.9	166	97.1	0	0
Greece	238	100	86	36.1	39	16.4	0	0	125	52.5	113	47.5	0	0
Iceland	7	100	6	85.7	1	14.3	0	0	7	100	0	0	0	0
Italy (12 of 20 regions) †	668	100	4	0.6	15	2.2	0	0	19	2.8	46	6.9	603	90.3
Norway	260	100	64	24.6	22	8.5	0	0	86	33.1	174	66.9	0	0
Romania	61	100											61	100
Spain, Andalusia	348	100											348	100
Spain, Aragon	63	100					1	1.6	1	1.6	62	98.4	0	0
Spain, Asturias *	54	100	0	0	0	0	0	0	0	0	54	100	0	0
Spain, Basque country	116	100					1	0.9	1	0.9	115	99.1	0	0
Spain, Cantabria *	41	100	2	4.9	0	0	0	0	2	4.9	39	95.1	0	0
Spain, Castile and Leon *	95	100	0	0	0	0	0	0	0	0	95	100	0	0
Spain, Castile-La Mancha *	82	100											82	100
Spain, Catalonia	470	100	74	15.7	0	0	0	0	74	15.7	396	84.3	0	0
Spain, Valencian region	231	100	1	0.4	0	0	0	0	1	0.4	230	99.6	0	0
Sweden	385	100	73	19.0	55	14.3	0	0	128	33.2	257	66.8	0	0
The Netherlands	831	100					373	44.9	373	44.9	456	54.9	2	0.2
United Kingdom, All countries ‡	2218	100	534	24.1	270	12.2	0	0	804	36.2	1414	63.8	0	0
United Kingdom, England ‡	1889	100	471	24.9	237	12.5	0	0	708	37.5	1181	62.5	0	0
United Kingdom, Northern Ireland ‡	43	100	9	20.9	1	2.3	0	0	10	23.3	33	76.7	0	0
United Kingdom, Scotland ‡	181	100	36	19.9	21	11.6	0	0	57	31.5	124	68.5	0	0
United Kingdom, Wales ‡	105	100	18	17.1	11	10.5	0	0	29	27.6	76	72.4	0	0

Categories may not add up because of rounding off

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

‡ Data from UK Transplant; data based on 100% coverage of general population

§ Data based on residents and non-residents

Table A.5.2
Renal transplants performed in 2007, per million population
by donor type

	Total	Living				Deceased	Donor type Unkn
		Related	Unrelated	Type Unkn	All		
		Pmp	Pmp	Pmp	Pmp		
Austria ¶	47.8	4.3	3.0	0	7.3	40.4	0
Belgium, Dutch-speaking *	40.6	1.3	2.0	0	3.3	37.1	0.2
Belgium, French-speaking *	40.8	1.3	1.1	0	2.5	38.3	0
Denmark	31.3	8.2	2.2	0	10.4	20.9	0
Finland	32.3	0.9	0	0	0.9	31.4	0
Greece	21.3	7.7	3.5	0	11.2	10.1	0
Iceland	22.5	19.3	3.2	0	22.5	0	0
Italy (12 of 20 regions) †	19.9	0.1	0.4	0	0.6	1.4	18.0
Norway	55.2	13.6	4.7	0	18.3	36.9	0
Romania	2.8						2.8
Spain, Andalusia	42.8						42.8
Spain, Aragon	48.0			0.8	0.8	47.3	0
Spain, Asturias *	50.1	0	0	0	0	50.1	0
Spain, Basque country	54.0			0.5	0.5	53.5	0
Spain, Cantabria *	71.0	3.5	0	0	3.5	67.5	0
Spain, Castile and Leon *	37.4	0	0	0	0	37.4	0
Spain, Castile-La Mancha *	40.8						40.8
Spain, Catalonia	65.2	10.3	0	0	10.3	54.9	0
Spain, Valencian region	47.3	0.2	0	0	0.2	47.1	0
Sweden	42.1	8.0	6.0	0	14.0	28.1	0
The Netherlands	50.7			22.8	22.8	27.8	0.1
United Kingdom, All countries ‡	36.4	8.8	4.4	0	13.2	23.2	0
United Kingdom, England ‡	37.0	9.2	4.6	0	13.9	23.1	0
United Kingdom, Northern Ireland ‡	24.4	5.1	0.6	0	5.7	18.8	0
United Kingdom, Scotland ‡	35.2	7.0	4.1	0	11.1	24.1	0
United Kingdom, Wales ‡	35.2	6.0	3.7	0	9.7	25.5	0

Categories may not add up because of rounding off

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

* Patients younger than 20 years of age are not reported

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

‡ Data from UK Transplant; data based on 100% coverage of general population

¶ The number of transplants differs from table A.5.01 since non-residents are excluded for this analysis

Table A.6.1

90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, unadjusted

from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.6 (98.9-99.8)	97.0 (95.7-97.9)	96.1 (94.7-97.1)	93.7 (92.1-95.0)
20-44	98.5 (98.2-98.7)	95.5 (95.1-95.9)	92.2 (91.7-92.7)	84.8 (84.2-85.4)
45-64	95.7 (95.4-95.9)	87.6 (87.2-87.9)	78.8 (78.4-79.2)	59.2 (58.8-59.5)
65-74	91.4 (91.0-91.7)	76.5 (76.1-77.0)	62.0 (61.6-62.4)	32.0 (31.8-32.2)
75+	86.6 (86.2-87.1)	66.4 (66.0-66.9)	48.1 (47.7-48.4)	17.0 (16.9-17.1)
Men	92.9 (92.7-93.1)	81.1 (80.8-81.4)	69.4 (69.1-69.7)	46.1 (45.9-46.4)
Women	92.8 (92.5-93.1)	80.7 (80.3-81.0)	69.1 (68.7-69.5)	46.1 (45.9-46.4)
Diabetes	93.6 (93.2-93.9)	79.5 (79.0-80.0)	63.7 (63.2-64.2)	33.5 (33.2-33.7)
Hypertension / renal vascular disease	91.6 (91.2-92.1)	77.2 (76.6-77.8)	63.4 (62.9-64.0)	35.9 (35.6-36.2)
Glomerulonephritis	96.6 (96.2-96.9)	90.8 (90.3-91.3)	84.5 (83.9-85.1)	68.2 (67.6-68.8)
Other cause	92.7 (92.4-93.0)	81.2 (80.9-81.5)	70.6 (70.3-71.0)	50.0 (49.7-50.3)
All	92.9 (92.7-93.0)	80.9 (80.7-81.2)	69.3 (69.0-69.5)	46.1 (46.0-46.3)

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

Table A.6.2

90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, adjusted

from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.5 (99.1-100.0)	96.6 (95.4-97.8)	95.6 (94.2-97.0)	93.0 (91.3-94.7)
20-44	98.5 (98.3-98.8)	95.6 (95.2-96.0)	92.2 (91.7-92.8)	84.6 (83.9-85.3)
45-64	96.1 (95.8-96.3)	88.4 (88.0-88.8)	80.0 (79.5-80.5)	60.4 (59.8-61.1)
65-74	92.3 (91.9-92.6)	78.4 (77.9-78.9)	64.4 (63.8-65.1)	34.0 (33.3-34.6)
75+	87.4 (86.9-87.9)	67.9 (67.1-68.6)	49.6 (48.8-50.4)	17.6 (17.0-18.3)
Men	95.5 (95.4-95.7)	87.1 (86.8-87.4)	77.7 (77.3-78.0)	54.0 (53.5-54.5)
Women	95.6 (95.4-95.8)	87.4 (87.1-87.8)	78.5 (78.1-79.0)	56.2 (55.5-56.8)
Diabetes	95.3 (95.0-95.5)	84.3 (83.7-84.8)	70.8 (70.1-71.4)	39.4 (38.6-40.2)
Hypertension / renal vascular disease	95.6 (95.3-95.8)	87.3 (86.8-87.7)	78.1 (77.5-78.8)	54.3 (53.4-55.1)
Glomerulonephritis	96.9 (96.6-97.2)	91.4 (90.9-92.0)	85.1 (84.4-85.8)	66.4 (65.4-67.4)
Other cause	95.0 (94.8-95.2)	86.5 (86.2-86.8)	77.8 (77.4-78.2)	57.1 (56.6-57.7)
All	95.6 (95.4-95.7)	87.2 (87.0-87.5)	78.0 (77.7-78.3)	54.9 (54.5-55.3)

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

Table A.6.3

One-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, unadjusted
from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	96.9 (95.6-97.8)	96.1 (94.6-97.2)	93.5 (91.7-94.9)
20-44	96.1 (95.7-96.4)	92.6 (92.1-93.1)	85.1 (84.5-85.7)
45-64	88.9 (88.6-89.3)	80.3 (79.9-80.8)	59.9 (59.5-60.3)
65-74	79.6 (79.1-80.0)	64.4 (64.0-64.8)	32.9 (32.6-33.1)
75+	71.1 (70.5-71.6)	51.4 (50.9-51.8)	17.7 (17.6-17.8)
Men	83.9 (83.6-84.2)	71.7 (71.4-72.1)	47.5 (47.2-47.7)
Women	83.4 (83.0-83.8)	71.8 (71.4-72.2)	47.6 (47.3-47.9)
Diabetes	80.2 (79.7-80.8)	64.4 (63.9-64.9)	33.3 (33.0-33.6)
Hypertension / renal vascular disease	80.5 (79.9-81.1)	65.9 (65.3-66.5)	37.2 (36.9-37.5)
Glomerulonephritis	92.4 (91.8-92.8)	85.7 (85.1-86.3)	68.7 (68.0-69.3)
Other cause	84.4 (84.0-84.7)	73.7 (73.3-74.0)	51.9 (51.6-52.2)
All	83.7 (83.5-83.9)	71.8 (71.5-72.0)	47.5 (47.3-47.7)

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

Table A.6.4

One-, two- and five-year survival probabilities (cohort 1998-2002): Incident RRT patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	96.5 (95.2-97.8)	95.5 (94.1-97.0)	92.6 (90.8-94.5)
20-44	96.1 (95.7-96.5)	92.6 (92.1-93.1)	85.1 (84.3-85.8)
45-64	89.6 (89.2-90.0)	81.4 (80.9-81.9)	61.5 (60.8-62.1)
65-74	81.1 (80.6-81.7)	66.6 (65.9-67.2)	35.2 (34.5-35.9)
75+	72.0 (71.2-72.8)	52.5 (51.6-53.4)	18.5 (17.8-19.2)
Men	88.7 (88.5-89.0)	79.0 (78.6-79.4)	55.0 (54.4-55.5)
Women	89.0 (88.7-89.4)	80.1 (79.7-80.6)	57.2 (56.6-57.9)
Diabetes	84.7 (84.2-85.2)	71.1 (70.4-71.8)	39.4 (38.5-40.2)
Hypertension / renal vascular disease	89.0 (88.6-89.5)	79.5 (78.8-80.1)	55.2 (54.3-56.2)
Glomerulonephritis	92.8 (92.3-93.3)	86.1 (85.4-86.8)	67.0 (66.0-68.1)
Other cause	88.6 (88.3-88.9)	79.8 (79.4-80.3)	58.6 (58.0-59.2)
All	88.9 (88.6-89.1)	79.5 (79.2-79.8)	55.9 (55.4-56.3)

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

Table A.6.5
90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	99.0 (98.1-99.4)	96.3 (95.0-97.3)	95.8 (94.4-96.9)
20-44	98.7 (98.4-98.8)	95.8 (95.4-96.1)	92.7 (92.3-93.2)
45-64	95.8 (95.6-96.1)	88.0 (87.6-88.3)	79.8 (79.4-80.2)
65-74	92.0 (91.7-92.3)	77.5 (77.1-77.9)	63.7 (63.3-64.1)
75+	87.2 (86.8-87.5)	67.6 (67.2-68.0)	50.1 (49.7-50.4)
Men	93.0 (92.8-93.2)	81.0 (80.8-81.3)	69.6 (69.3-69.8)
Women	92.7 (92.5-93.0)	80.6 (80.2-80.9)	69.3 (69.0-69.7)
Diabetes	93.8 (93.5-94.1)	80.1 (79.7-80.6)	65.6 (65.1-66.0)
Hypertension / renal vascular disease	92.3 (91.9-92.7)	78.6 (78.0-79.1)	65.0 (64.5-65.6)
Glomerulonephritis	96.9 (96.6-97.2)	90.8 (90.3-91.3)	84.1 (83.5-84.7)
Other cause	92.4 (92.1-92.6)	80.4 (80.1-80.8)	70.1 (69.8-70.4)
All	92.9 (92.7-93.1)	80.9 (80.6-81.1)	69.5 (69.3-69.7)

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

Table A.6.6

90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.9 (98.2-99.6)	96.1 (94.8-97.4)	95.5 (94.2-96.9)
20-44	98.7 (98.5-98.9)	95.8 (95.5-96.2)	92.7 (92.2-93.2)
45-64	96.1 (95.9-96.4)	88.7 (88.3-89.1)	80.8 (80.3-81.3)
65-74	92.8 (92.4-93.1)	79.1 (78.6-79.6)	65.8 (65.2-66.4)
75+	88.0 (87.6-88.5)	69.1 (68.4-69.7)	51.7 (51.1-52.4)
Men	95.7 (95.5-95.8)	87.3 (87.1-87.6)	78.3 (78.0-78.7)
Women	95.6 (95.5-95.8)	87.5 (87.2-87.9)	79.0 (78.6-79.5)
Diabetes	95.6 (95.3-95.8)	85.3 (84.8-85.7)	73.2 (72.6-73.8)
Hypertension / renal vascular disease	96.0 (95.7-96.2)	88.1 (87.7-88.6)	79.4 (78.8-80.0)
Glomerulonephritis	97.2 (96.9-97.5)	91.6 (91.1-92.1)	84.9 (84.3-85.6)
Other cause	94.9 (94.7-95.0)	86.2 (85.9-86.5)	77.8 (77.4-78.2)
All	95.7 (95.5-95.8)	87.4 (87.2-87.6)	78.6 (78.3-78.9)

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

Table A.6.7

One- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, unadjusted
from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	97.0 (95.6-97.9)	96.6 (95.2-97.6)
20-44	96.2 (95.9-96.6)	93.1 (92.7-93.5)
45-64	89.4 (89.1-89.8)	81.2 (80.8-81.6)
65-74	80.3 (79.9-80.7)	65.9 (65.5-66.4)
75+	72.4 (72.0-72.9)	53.1 (52.8-53.5)
Men	83.8 (83.5-84.1)	71.8 (71.5-72.1)
Women	83.6 (83.3-84.0)	72.0 (71.6-72.4)
Diabetes	81.3 (80.9-81.8)	66.1 (65.6-66.5)
Hypertension / renal vascular disease	81.4 (80.8-81.9)	66.9 (66.4-67.5)
Glomerulonephritis	91.9 (91.4-92.4)	85.0 (84.4-85.6)
Other cause	83.9 (83.6-84.2)	73.3 (73.0-73.6)
All	83.7 (83.5-83.9)	71.8 (71.6-72.1)

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

Table A.6.8
One- and two-year survival probabilities (cohort 2001-2005): Incident RRT patients, adjusted
from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	96.7 (95.4-97.9)	96.3 (95.0-97.6)
20-44	96.2 (95.9-96.6)	93.1 (92.6-93.6)
45-64	90.0 (89.7-90.4)	82.2 (81.7-82.7)
65-74	81.6 (81.1-82.1)	68.0 (67.4-68.7)
75+	73.4 (72.8-74.0)	54.7 (54.0-55.5)
Men	88.9 (88.7-89.2)	79.7 (79.4-80.1)
Women	89.3 (88.9-89.6)	80.7 (80.2-81.1)
Diabetes	86.0 (85.5-86.5)	73.6 (72.9-74.2)
Hypertension / renal vascular disease	89.6 (89.2-90.0)	80.5 (79.9-81.1)
Glomerulonephritis	92.5 (92.0-93.0)	85.7 (85.1-86.4)
Other cause	88.5 (88.2-88.8)	80.1 (79.7-80.5)
All	89.1 (88.8-89.3)	80.1 (79.8-80.4)

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

Table A.6.9

90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, unadjusted

from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.5 (98.6-99.8)	97.1 (95.5-98.1)	96.3 (94.4-97.6)	90.1 (86.0-93.1)
20-44	98.4 (98.2-98.7)	95.1 (94.6-95.5)	90.7 (90.1-91.2)	77.6 (76.7-78.5)
45-64	95.7 (95.4-95.9)	87.2 (86.8-87.6)	77.3 (76.8-77.7)	51.9 (51.5-52.3)
65-74	91.4 (91.0-91.7)	76.4 (76.0-76.9)	61.6 (61.2-62.0)	30.4 (30.2-30.6)
75+	86.7 (86.2-87.1)	66.5 (66.0-66.9)	48.0 (47.6-48.4)	16.8 (16.7-16.9)
Men	92.8 (92.6-93.0)	80.4 (80.1-80.7)	67.3 (66.9-67.6)	37.9 (37.7-38.1)
Women	92.7 (92.4-93.0)	80.0 (79.6-80.4)	67.2 (66.8-67.6)	39.0 (38.7-39.2)
Diabetes	93.5 (93.2-93.9)	79.1 (78.6-79.6)	62.2 (61.7-62.7)	27.9 (27.7-28.1)
Hypertension / renal vascular disease	91.6 (91.1-92.0)	77.0 (76.4-77.6)	62.5 (61.9-63.0)	31.7 (31.5-32.0)
Glomerulonephritis	96.5 (96.2-96.9)	90.3 (89.7-90.8)	82.6 (81.9-83.2)	58.1 (57.4-58.8)
Other cause	92.5 (92.3-92.8)	80.4 (80.0-80.7)	68.5 (68.1-68.8)	42.0 (41.8-42.3)
All	92.8 (92.6-92.9)	80.3 (80.0-80.5)	67.2 (67.0-67.5)	38.3 (38.2-38.5)

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

Table A.6.10

90-day, one-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, adjusted

from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *				
0-19	99.4 (98.9-100.0)	96.8 (95.3-98.3)	95.7 (93.7-97.6)	86.5 (81.0-92.3)
20-44	98.5 (98.3-98.8)	95.2 (94.8-95.7)	90.8 (90.2-91.5)	76.8 (75.6-78.0)
45-64	96.1 (95.9-96.3)	88.2 (87.8-88.6)	78.8 (78.3-79.3)	53.0 (52.3-53.8)
65-74	92.3 (92.0-92.7)	78.4 (77.8-78.9)	64.2 (63.5-64.9)	32.3 (31.7-33.0)
75+	87.5 (87.0-88.0)	68.0 (67.3-68.8)	49.8 (49.0-50.6)	17.7 (17.1-18.4)
Men	95.0 (94.8-95.2)	85.7 (85.4-86.0)	75.1 (74.7-75.6)	47.4 (46.9-48.0)
Women	95.1 (94.9-95.3)	86.0 (85.6-86.4)	76.0 (75.5-76.5)	50.2 (49.5-50.9)
Diabetes	94.8 (94.5-95.1)	82.9 (82.3-83.4)	68.2 (67.4-68.9)	33.8 (33.0-34.7)
Hypertension / renal vascular disease	94.9 (94.6-95.2)	85.4 (84.8-85.9)	75.0 (74.3-75.7)	47.7 (46.7-48.7)
Glomerulonephritis	96.7 (96.4-97.1)	90.7 (90.2-91.3)	83.4 (82.6-84.2)	59.1 (57.8-60.3)
Other cause	94.4 (94.1-94.6)	84.8 (84.5-85.2)	75.0 (74.5-75.5)	50.4 (49.8-51.1)
All	95.1 (94.9-95.2)	85.8 (85.6-86.1)	75.5 (75.1-75.8)	48.6 (48.1-49.1)

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

Table A.6.11

One-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, unadjusted
from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.5 (95.9-98.5)	96.6 (94.6-97.9)	89.0 (84.3-92.3)
20-44	95.6 (95.2-96.0)	90.9 (90.3-91.5)	77.5 (76.6-78.4)
45-64	88.4 (88.0-88.8)	78.6 (78.1-79.0)	52.0 (51.6-52.4)
65-74	79.4 (79.0-79.9)	63.9 (63.5-64.3)	31.0 (30.8-31.2)
75+	71.1 (70.5-71.6)	51.3 (50.9-51.8)	17.5 (17.4-17.6)
Men	83.1 (82.8-83.4)	69.3 (68.9-69.6)	38.5 (38.3-38.7)
Women	82.7 (82.3-83.1)	69.7 (69.2-70.1)	39.8 (39.5-40.0)
Diabetes	79.8 (79.3-80.3)	62.8 (62.2-63.3)	27.4 (27.2-27.6)
Hypertension / renal vascular disease	80.2 (79.6-80.8)	64.7 (64.1-65.3)	32.4 (32.1-32.7)
Glomerulonephritis	91.7 (91.2-92.3)	83.4 (82.7-84.1)	57.9 (57.1-58.6)
Other cause	83.5 (83.1-83.8)	71.2 (70.9-71.6)	43.2 (42.9-43.5)
All	82.9 (82.7-83.2)	69.4 (69.2-69.7)	39.0 (38.8-39.2)

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

Table A.6.12

One-, two- and five-year survival probabilities (cohort 1998-2002): Incident dialysis patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.3 (95.8-98.7)	96.1 (94.2-98.0)	85.0 (78.7-91.7)
20-44	95.7 (95.2-96.1)	90.9 (90.2-91.6)	76.7 (75.4-78.0)
45-64	89.2 (88.8-89.6)	79.7 (79.2-80.3)	53.1 (52.3-53.9)
65-74	80.8 (80.3-81.4)	65.8 (65.1-66.5)	32.8 (32.1-33.5)
75+	71.8 (71.1-72.6)	52.2 (51.3-53.1)	18.1 (17.4-18.8)
Men	87.2 (86.9-87.6)	76.1 (75.7-76.5)	47.4 (46.8-48.1)
Women	87.5 (87.1-87.8)	77.2 (76.7-77.7)	50.4 (49.7-51.1)
Diabetes	83.2 (82.7-83.8)	68.4 (67.6-69.1)	33.5 (32.6-34.4)
Hypertension / renal vascular disease	87.3 (86.8-87.8)	76.2 (75.5-77.0)	48.2 (47.1-49.2)
Glomerulonephritis	92.1 (91.6-92.7)	84.2 (83.4-85.1)	59.2 (57.9-60.5)
Other cause	87.1 (86.7-87.4)	77.0 (76.5-77.5)	51.4 (50.7-52.1)
All	87.3 (87.1-87.6)	76.6 (76.2-76.9)	48.6 (48.1-49.2)

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

Table A.6.13

90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.8 (97.7-99.4)	96.0 (94.2-97.2)	95.4 (93.4-96.8)
20-44	98.6 (98.3-98.8)	95.4 (95.0-95.7)	91.3 (90.7-91.8)
45-64	95.8 (95.6-96.0)	87.5 (87.2-87.9)	78.4 (78.0-78.8)
65-74	92.0 (91.7-92.3)	77.4 (77.0-77.8)	63.3 (62.9-63.6)
75+	87.2 (86.8-87.5)	67.6 (67.1-68.0)	50.0 (49.7-50.4)
Men	92.9 (92.7-93.1)	80.4 (80.1-80.6)	67.6 (67.3-67.9)
Women	92.6 (92.3-92.8)	79.8 (79.5-80.2)	67.5 (67.1-67.8)
Diabetes	93.7 (93.4-94.0)	79.8 (79.3-80.2)	64.3 (63.9-64.8)
Hypertension / renal vascular disease	92.3 (91.9-92.7)	78.3 (77.7-78.8)	64.1 (63.6-64.6)
Glomerulonephritis	96.8 (96.5-97.1)	90.2 (89.6-90.7)	82.1 (81.4-82.7)
Other cause	92.2 (91.9-92.4)	79.6 (79.3-79.9)	67.9 (67.6-68.2)
All	92.8 (92.6-92.9)	80.2 (79.9-80.4)	67.6 (67.3-67.8)

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

Table A.6.14

90-day, one- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.7 (97.8-99.5)	95.7 (94.1-97.4)	95.0 (93.1-97.0)
20-44	98.6 (98.4-98.9)	95.5 (95.1-95.9)	91.3 (90.7-91.9)
45-64	96.1 (95.9-96.3)	88.3 (87.9-88.7)	79.5 (78.9-80.0)
65-74	92.7 (92.4-93.0)	78.8 (78.3-79.3)	65.2 (64.6-65.8)
75+	88.0 (87.6-88.4)	68.9 (68.3-69.5)	51.5 (50.8-52.2)
Men	95.3 (95.1-95.4)	86.2 (85.9-86.5)	76.3 (75.9-76.7)
Women	95.2 (95.0-95.4)	86.4 (86.0-86.7)	77.0 (76.5-77.4)
Diabetes	95.3 (95.0-95.5)	84.3 (83.8-84.8)	71.5 (70.8-72.1)
Hypertension / renal vascular disease	95.6 (95.3-95.8)	86.9 (86.4-87.4)	77.3 (76.6-77.9)
Glomerulonephritis	97.1 (96.8-97.4)	91.0 (90.5-91.6)	83.5 (82.8-84.3)
Other cause	94.4 (94.2-94.6)	85.0 (84.6-85.3)	75.7 (75.3-76.2)
All	95.3 (95.1-95.4)	86.3 (86.0-86.5)	76.6 (76.2-76.9)

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

Table A.6.15

One- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, unadjusted
from day 91 to one and two years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	96.8 (95.0-98.0)	96.5 (94.5-97.8)
20-44	95.8 (95.4-96.1)	91.4 (90.8-92.0)
45-64	88.9 (88.5-89.2)	79.5 (79.0-79.9)
65-74	80.1 (79.7-80.6)	65.4 (65.0-65.8)
75+	72.4 (71.9-72.9)	53.1 (52.7-53.5)
Men	83.0 (82.7-83.3)	69.5 (69.2-69.8)
Women	82.9 (82.5-83.2)	69.9 (69.6-70.3)
Diabetes	81.0 (80.5-81.4)	64.7 (64.2-65.2)
Hypertension / renal vascular disease	81.0 (80.4-81.5)	65.8 (65.2-66.3)
Glomerulonephritis	91.2 (90.7-91.8)	82.6 (81.9-83.3)
Other cause	83.0 (82.7-83.3)	71.0 (70.6-71.3)
All	83.0 (82.7-83.2)	69.7 (69.4-69.9)

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

Table A.6.16

One- and two-year survival probabilities (cohort 2001-2005): Incident dialysis patients, adjusted from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	95.8 (95.4-96.2)	91.5 (90.9-92.1)
45-64	89.5 (89.1-89.9)	80.6 (80.1-81.1)
65-74	81.3 (80.8-81.8)	67.3 (66.7-67.9)
75+	73.2 (72.6-73.9)	54.5 (53.7-55.2)
Men	87.8 (87.5-88.1)	77.5 (77.1-77.9)
Women	88.1 (87.8-88.5)	78.5 (78.1-79.0)
Diabetes	85.0 (84.6-85.5)	71.6 (71.0-72.3)
Hypertension / renal vascular disease	88.4 (87.9-88.9)	78.2 (77.6-78.9)
Glomerulonephritis	91.9 (91.4-92.5)	84.1 (83.3-84.9)
Other cause	87.3 (87.0-87.7)	77.9 (77.5-78.4)
All	88.0 (87.7-88.2)	77.9 (77.6-78.3)

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

Table A.6.17

One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (deceased donor), unadjusted

from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.9 (96.1-98.9)	96.8 (94.7-98.1)	95.2 (92.9-96.8)
20-44	97.8 (97.3-98.1)	96.8 (96.2-97.2)	93.0 (92.3-93.7)
45-64	94.9 (94.4-95.5)	92.6 (91.9-93.2)	84.0 (83.2-84.8)
65+	89.0 (87.0-90.6)	84.4 (82.3-86.3)	69.6 (67.4-71.6)
Men	95.4 (94.9-95.9)	93.5 (92.9-94.0)	86.3 (85.6-87.0)
Women	96.0 (95.4-96.5)	94.0 (93.3-94.6)	87.2 (86.3-88.0)
Diabetes	94.1 (92.9-95.1)	91.5 (90.1-92.7)	81.8 (80.2-83.4)
Hypertension / renal vascular disease	93.3 (91.7-94.6)	90.3 (88.5-91.8)	80.9 (78.9-82.8)
Glomerulonephritis	96.7 (96.0-97.3)	94.9 (94.0-95.6)	89.4 (88.3-90.4)
Other cause	95.9 (95.4-96.4)	94.2 (93.6-94.8)	87.6 (86.8-88.3)
All	95.6 (95.3-96.0)	93.7 (93.2-94.1)	86.6 (86.1-87.2)

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

Table A.6.18

One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	97.9 (97.5-98.3)	97.0 (96.5-97.5)	93.4 (92.7-94.2)
45-64	95.2 (94.6-95.7)	92.9 (92.3-93.6)	84.7 (83.7-85.6)
65+	89.4 (87.4-91.3)	85.1 (82.9-87.4)	70.7 (67.9-73.7)
Men	96.8 (96.4-97.1)	95.3 (94.9-95.8)	90.0 (89.3-90.7)
Women	96.9 (96.5-97.4)	95.4 (94.9-96.0)	90.1 (89.2-90.9)
Diabetes	95.0 (94.0-96.0)	92.8 (91.6-94.0)	84.3 (82.6-86.1)
Hypertension / renal vascular disease	96.1 (95.1-97.0)	94.3 (93.2-95.5)	88.4 (86.7-90.0)
Glomerulonephritis	97.4 (96.8-97.9)	95.9 (95.2-96.6)	91.3 (90.4-92.3)
Other cause	96.9 (96.5-97.3)	95.6 (95.1-96.1)	90.3 (89.6-91.0)
All	96.8 (96.5-97.1)	95.4 (95.0-95.8)	90.0 (89.4-90.6)

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

Table A.6.19

One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (deceased donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	98.1 (96.4-99.0)	97.5 (95.7-98.5)
20-44	98.2 (97.8-98.5)	97.4 (96.9-97.8)
45-64	95.0 (94.5-95.5)	92.5 (91.9-93.0)
65+	88.7 (87.1-90.1)	84.7 (83.0-86.3)
Men	95.4 (94.9-95.8)	93.5 (92.9-93.9)
Women	96.1 (95.5-96.6)	94.0 (93.3-94.6)
Diabetes	93.5 (92.4-94.5)	90.6 (89.3-91.7)
Hypertension / renal vascular disease	93.1 (91.8-94.3)	90.0 (88.5-91.4)
Glomerulonephritis	96.7 (96.1-97.3)	95.6 (94.8-96.2)
Other cause	96.2 (95.7-96.6)	94.3 (93.8-94.8)
All	95.6 (95.3-96.0)	93.7 (93.3-94.0)

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

Table A.6.20

One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (deceased donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	98.3 (97.9-98.6)	97.6 (97.1-98.0)
45-64	95.4 (94.9-95.9)	93.0 (92.4-93.6)
65+	89.5 (87.9-91.1)	85.8 (83.9-87.7)
Men	96.9 (96.5-97.2)	95.6 (95.1-96.0)
Women	97.2 (96.8-97.7)	95.7 (95.2-96.2)
Diabetes	95.1 (94.3-96.0)	92.9 (91.8-93.9)
Hypertension / renal vascular disease	96.1 (95.3-96.9)	94.3 (93.3-95.3)
Glomerulonephritis	97.4 (96.9-97.9)	96.5 (95.9-97.1)
Other cause	97.2 (96.8-97.5)	95.8 (95.3-96.2)
All	97.0 (96.7-97.3)	95.6 (95.3-96.0)

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

Table A.6.21

One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (living donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.8 (95.6-99.0)	97.8 (95.6-99.0)	97.2 (94.8-98.5)
20-44	98.9 (98.2-99.3)	98.4 (97.6-98.9)	96.0 (94.9-96.8)
45-64	96.3 (94.9-97.3)	95.1 (93.6-96.3)	90.6 (88.7-92.2)
65+	90.2 (83.1-94.5)	88.0 (80.7-92.7)	82.6 (75.1-88.0)
Men	97.4 (96.5-98.0)	96.8 (95.9-97.5)	93.8 (92.7-94.8)
Women	98.2 (97.2-98.9)	97.3 (96.1-98.1)	94.2 (92.6-95.5)
Diabetes	95.7 (92.1-97.7)	94.2 (90.4-96.6)	85.6 (80.9-89.2)
Hypertension / renal vascular disease	96.3 (92.6-98.2)	95.3 (91.4-97.4)	90.0 (85.4-93.2)
Glomerulonephritis	98.6 (97.6-99.2)	98.0 (96.9-98.8)	96.6 (95.2-97.6)
Other cause	97.6 (96.7-98.2)	96.9 (95.9-97.6)	94.1 (92.9-95.1)
All	97.7 (97.0-98.1)	96.9 (96.2-97.5)	94.0 (93.1-94.7)

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

Table A.6.22

One-, two- and five-year survival probabilities (cohort 1998-2002): First transplant patients (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	99.0 (98.5-99.5)	98.4 (97.8-99.1)	96.1 (95.2-97.1)
45-64	96.6 (95.5-97.8)	95.6 (94.3-96.9)	91.4 (89.6-93.3)
65+			
Men	97.3 (96.5-98.1)	96.7 (95.8-97.5)	93.6 (92.5-94.8)
Women	98.1 (97.2-99.0)	97.1 (96.0-98.2)	93.8 (92.2-95.4)
Diabetes	95.6 (92.8-98.4)	94.1 (90.9-97.4)	85.3 (80.6-90.3)
Hypertension / renal vascular disease			
Glomerulonephritis	98.5 (97.6-99.3)	97.8 (96.8-98.9)	96.3 (95.0-97.6)
Other cause	97.2 (96.4-98.1)	96.5 (95.5-97.5)	93.3 (91.9-94.6)
All	97.6 (97.0-98.2)	96.9 (96.2-97.5)	93.8 (92.8-94.7)

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

Table A.6.23

One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	97.0 (94.6-98.4)	97.0 (94.6-98.4)
20-44	98.8 (98.2-99.2)	98.2 (97.5-98.7)
45-64	96.2 (95.0-97.1)	95.2 (93.9-96.2)
65+	91.0 (85.9-94.3)	87.2 (81.8-91.1)
Men	96.8 (96.0-97.5)	96.2 (95.3-96.9)
Women	98.4 (97.5-98.9)	97.3 (96.3-98.0)
Diabetes	93.9 (90.7-96.1)	92.2 (88.7-94.6)
Hypertension / renal vascular disease	97.0 (94.5-98.4)	96.0 (93.3-97.7)
Glomerulonephritis	98.5 (97.5-99.1)	97.7 (96.6-98.5)
Other cause	97.4 (96.6-98.0)	96.7 (95.8-97.4)
All	97.4 (96.8-97.9)	96.6 (96.0-97.1)

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

Table A.6.24

One- and two-year survival probabilities (cohort 2001-2005): First transplant patients (living donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	98.8 (98.4-99.3)	98.3 (97.7-98.9)
45-64	96.6 (95.7-97.6)	95.7 (94.6-96.9)
65+		
Men	97.1 (96.4-97.8)	96.4 (95.7-97.2)
Women	98.4 (97.7-99.1)	97.4 (96.5-98.2)
Diabetes	94.6 (92.2-97.2)	93.0 (90.2-95.9)
Hypertension / renal vascular disease		
Glomerulonephritis	98.4 (97.5-99.2)	97.6 (96.6-98.6)
Other cause	97.3 (96.5-98.0)	96.5 (95.7-97.4)
All	97.6 (97.1-98.1)	96.8 (96.2-97.4)

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

Table A.6.25

One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (deceased donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	89.9 (87.1-92.2)	86.5 (83.5-89.0)	78.9 (75.7-81.8)
20-44	91.5 (90.7-92.2)	89.5 (88.6-90.3)	81.6 (80.7-82.6)
45-64	89.8 (89.0-90.5)	86.6 (85.8-87.4)	76.5 (75.6-77.3)
65+	84.5 (82.5-86.4)	78.4 (76.2-80.4)	64.3 (62.2-66.2)
Men	90.3 (89.7-90.9)	87.2 (86.5-87.9)	77.4 (76.7-78.2)
Women	89.5 (88.7-90.3)	86.7 (85.8-87.6)	77.7 (76.7-78.7)
Diabetes	90.4 (88.9-91.6)	87.0 (85.4-88.4)	75.7 (74.0-77.3)
Hypertension / renal vascular disease	86.6 (84.7-88.3)	82.6 (80.6-84.5)	72.1 (70.0-74.0)
Glomerulonephritis	91.1 (90.0-92.0)	88.2 (87.2-89.2)	78.7 (77.5-79.9)
Other cause	90.0 (89.3-90.6)	87.2 (86.4-87.9)	78.4 (77.5-79.2)
All	90.0 (89.5-90.5)	87.0 (86.5-87.6)	77.5 (76.9-78.1)

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

Table A.6.26

One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	89.5 (86.6-92.4)	85.8 (82.6-89.2)	77.9 (74.1-82.0)
20-44	91.6 (90.8-92.4)	89.6 (88.7-90.6)	81.9 (80.7-83.1)
45-64	89.9 (89.1-90.7)	86.8 (85.9-87.7)	76.8 (75.7-77.9)
65+	84.9 (82.6-87.2)	78.8 (76.3-81.5)	65.0 (62.0-68.1)
Men	90.9 (90.2-91.6)	88.0 (87.3-88.8)	78.7 (77.7-79.7)
Women	89.9 (89.0-90.8)	87.2 (86.2-88.2)	78.4 (77.2-79.7)
Diabetes	90.5 (89.1-92.0)	87.3 (85.6-88.9)	76.2 (74.1-78.3)
Hypertension / renal vascular disease	88.3 (86.5-90.2)	84.8 (82.7-86.9)	75.2 (72.7-77.8)
Glomerulonephritis	91.2 (90.2-92.3)	88.5 (87.3-89.7)	79.1 (77.6-80.6)
Other cause	90.4 (89.6-91.1)	87.7 (86.9-88.5)	79.1 (78.1-80.2)
All	90.5 (90.0-91.1)	87.7 (87.1-88.3)	78.6 (77.8-79.4)

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

Table A.6.27

One- and two-year survival probabilities (cohort 2001-2005): First graft (deceased donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	91.2 (88.6-93.2)	89.1 (86.3-91.3)
20-44	92.5 (91.8-93.2)	90.1 (89.3-90.8)
45-64	89.7 (89.0-90.3)	86.6 (85.9-87.3)
65+	82.2 (80.4-83.8)	77.5 (75.7-79.2)
Men	89.9 (89.3-90.5)	87.0 (86.3-87.6)
Women	90.1 (89.4-90.9)	87.2 (86.3-88.0)
Diabetes	89.6 (88.3-90.8)	86.0 (84.6-87.3)
Hypertension / renal vascular disease	87.0 (85.3-88.5)	82.6 (80.9-84.2)
Glomerulonephritis	91.1 (90.1-91.9)	88.6 (87.6-89.5)
Other cause	90.1 (89.5-90.8)	87.4 (86.7-88.1)
All	90.0 (89.5-90.4)	87.1 (86.5-87.5)

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

Table A.6.28

One- and two-year survival probabilities (cohort 2001-2005): First graft (deceased donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	90.8 (88.3-93.5)	88.7 (85.8-91.6)
20-44	92.5 (91.8-93.3)	90.2 (89.3-91.0)
45-64	89.8 (89.1-90.5)	86.9 (86.1-87.7)
65+	82.8 (80.8-84.8)	78.2 (76.0-80.5)
Men	90.6 (90.0-91.3)	88.0 (87.3-88.7)
Women	90.7 (89.9-91.5)	87.9 (87.0-88.8)
Diabetes	90.2 (88.9-91.5)	86.8 (85.3-88.3)
Hypertension / renal vascular disease	88.7 (87.1-90.3)	84.9 (83.1-86.8)
Glomerulonephritis	91.3 (90.4-92.3)	88.9 (87.9-90.0)
Other cause	90.6 (89.9-91.3)	88.1 (87.3-88.8)
All	90.7 (90.2-91.2)	88.0 (87.4-88.5)

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

Table A.6.29

One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (living donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	94.8 (91.9-96.6)	92.9 (89.8-95.1)	85.8 (82.1-88.7)
20-44	95.0 (93.9-96.0)	93.3 (92.0-94.4)	87.1 (85.5-88.5)
45-64	94.0 (92.4-95.3)	92.2 (90.4-93.7)	85.2 (83.0-87.0)
65+	87.0 (79.6-91.8)	84.8 (77.3-90.0)	78.3 (70.8-84.0)
Men	94.5 (93.4-95.4)	92.9 (91.7-93.9)	86.0 (84.5-87.3)
Women	94.2 (92.7-95.5)	92.1 (90.4-93.6)	86.1 (84.1-87.9)
Diabetes	92.3 (88.2-95.0)	89.9 (85.5-93.0)	79.8 (75.0-83.8)
Hypertension / renal vascular disease	93.2 (88.9-95.8)	90.5 (86.0-93.7)	80.0 (75.0-84.1)
Glomerulonephritis	95.3 (93.8-96.5)	94.2 (92.5-95.5)	88.3 (86.2-90.0)
Other cause	94.4 (93.2-95.4)	92.4 (91.1-93.6)	86.4 (84.8-87.8)
All	94.4 (93.5-95.2)	92.6 (91.7-93.5)	86.0 (84.9-87.1)

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

Table A.6.30

One-, two- and five-year survival probabilities (cohort 1998-2002): First graft (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	92.3 (89.3-95.4)	90.3 (86.9-93.7)	81.4 (77.0-86.1)
20-44	93.3 (92.1-94.6)	91.3 (89.8-92.7)	84.2 (82.3-86.1)
45-64	92.5 (90.8-94.2)	90.7 (88.8-92.6)	82.8 (80.3-85.4)
65+			
Men	92.7 (91.5-94.0)	90.8 (89.5-92.2)	82.6 (80.7-84.5)
Women	91.9 (90.2-93.7)	89.5 (87.5-91.6)	82.8 (80.3-85.4)
Diabetes	89.8 (85.7-94.0)	87.3 (82.9-92.0)	74.6 (68.7-80.9)
Hypertension / renal vascular disease	90.6 (86.6-94.8)	87.0 (82.3-91.8)	78.3 (72.6-84.4)
Glomerulonephritis	94.0 (92.4-95.6)	92.2 (90.3-94.0)	84.6 (82.0-87.2)
Other cause	92.2 (90.8-93.6)	90.2 (88.7-91.8)	83.3 (81.3-85.4)
All	92.4 (91.4-93.5)	90.4 (89.2-91.5)	82.6 (81.1-84.2)

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

Table A.6.31

One- and two-year survival probabilities (cohort 2001-2005): First graft (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	92.3 (89.2-94.5)	90.8 (87.5-93.2)
20-44	94.5 (93.5-95.4)	92.8 (91.7-93.9)
45-64	93.9 (92.5-95.1)	92.4 (90.9-93.6)
65+	87.2 (81.8-91.1)	82.7 (77.1-87.0)
Men	93.5 (92.5-94.4)	92.0 (90.9-93.0)
Women	94.2 (92.9-95.3)	92.1 (90.6-93.3)
Diabetes	91.1 (87.5-93.7)	88.2 (84.4-91.2)
Hypertension / renal vascular disease	93.4 (90.2-95.6)	90.7 (87.3-93.3)
Glomerulonephritis	95.3 (93.8-96.4)	93.3 (91.7-94.7)
Other cause	93.4 (92.3-94.4)	92.0 (90.9-93.1)
All	93.8 (93.0-94.5)	92.0 (91.2-92.8)

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

Table A.6.32

One- and two-year survival probabilities (cohort 2001-2005): First graft (living donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	91.6 (88.5-94.8)	90.0 (86.7-93.4)
20-44	94.5 (93.5-95.6)	92.8 (91.6-94.0)
45-64	94.2 (92.9-95.5)	92.7 (91.2-94.1)
65+	87.9 (83.1-93.1)	83.7 (78.1-89.6)
Men	93.5 (92.5-94.6)	92.0 (90.9-93.2)
Women	94.1 (92.8-95.4)	91.9 (90.4-93.5)
Diabetes	91.1 (87.8-94.5)	88.2 (84.5-92.1)
Hypertension / renal vascular disease	93.4 (90.7-96.3)	90.8 (87.6-94.1)
Glomerulonephritis	95.2 (93.8-96.6)	93.2 (91.6-94.8)
Other cause	93.3 (92.2-94.5)	91.9 (90.7-93.2)
All	93.8 (92.9-94.6)	92.0 (91.1-92.9)

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

Figure A.6.1
Adjusted survival (cohort 1998-2002):
Incident dialysis patients and patients receiving
a first transplant (between 1998 and 2002)
from day 91, by modality,
adjusted for age, gender, and primary diagnosis

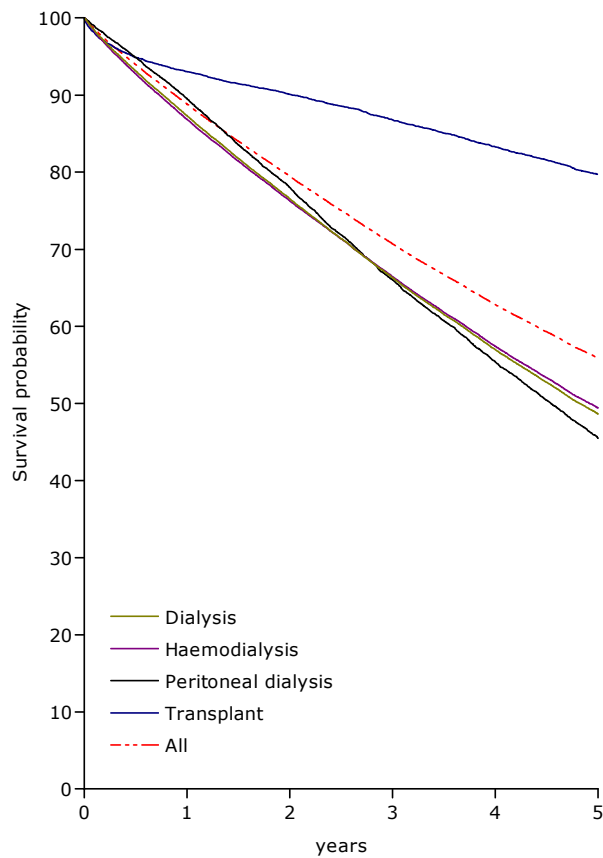


Figure A.6.2
Adjusted survival (cohort 1998-2002):
Incident haemodialysis patients
from day 91, by primary diagnosis,
adjusted for age and gender

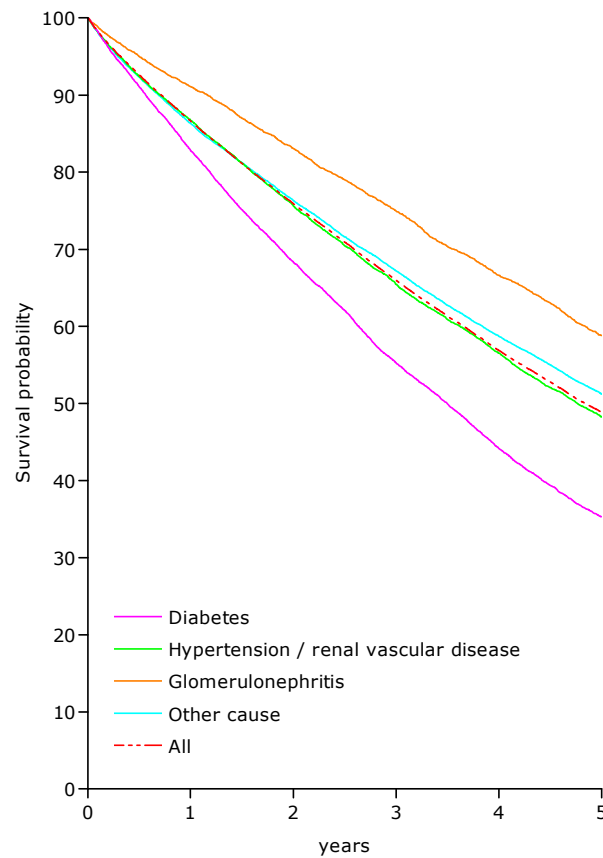


Figure A.6.3
Adjusted survival (cohort 1998-2002):
Incident peritoneal dialysis patients
from day 91, by primary diagnosis,
adjusted for age and gender

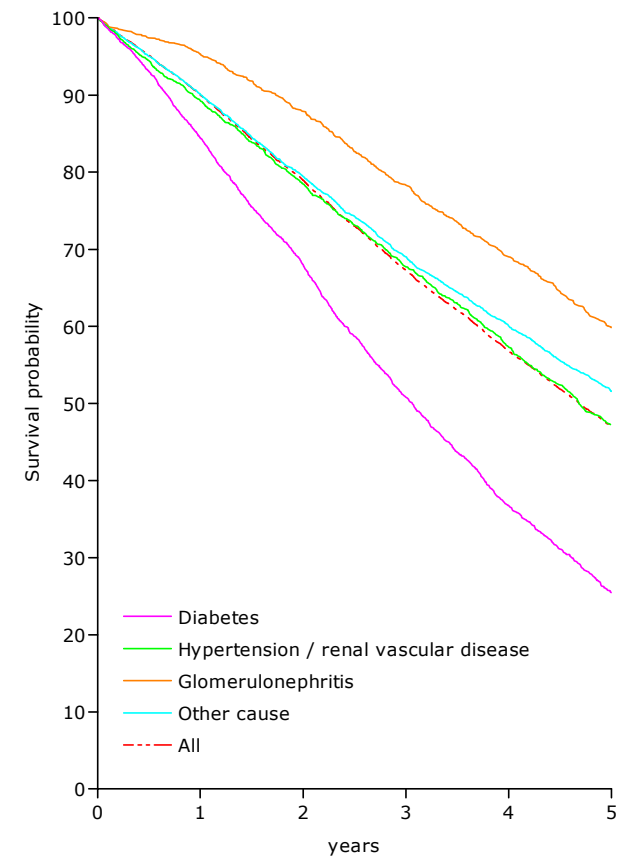


Table A.7.1
**Expected remaining lifetimes (years) of the general population in 2000,
and of prevalent dialysis and transplant patients in 2006 and 2007 (includes mortality in the first 90 days)**
by age and gender

General population				ESRD: Dialysis				ESRD: Transplant			
Age	All	Men	Women	Age	All	Men	Women	Age	All	Men	Women
0	78.4	75.5	81.2	0-19	36.1	36.0	36.1	0-19	57.9	57.2	59.3
5	73.8	71.0	76.6								
10	68.9	66.0	71.6								
15	63.9	61.1	66.7								
20	59.1	56.3	61.8	20-24	19.6	19.3	20.0	20-24	40.6	40.3	41.3
25	54.2	51.5	56.8	25-29	17.4	17.0	18.1	25-29	36.2	36.0	36.9
30	49.4	46.8	51.9	30-34	14.4	14.4	14.5	30-34	32.0	31.5	33.0
35	44.6	42.0	47.1	35-39	12.3	12.1	12.7	35-39	27.9	27.4	28.9
40	39.8	37.3	42.2	40-44	10.3	10.1	10.8	40-44	24.2	23.8	25.3
45	35.1	32.7	37.5	45-49	8.7	8.4	9.3	45-49	20.9	20.5	21.9
50	30.6	28.2	32.8	50-54	7.3	7.1	7.8	50-54	17.9	17.4	19.0
55	26.2	23.9	28.2	55-59	6.3	6.0	6.7	55-59	15.0	14.6	16.1
60	21.9	19.8	23.8	60-64	5.2	5.1	5.4	60-64	12.1	11.7	13.1
65	17.9	16.0	19.5	65-69	4.5	4.5	4.6	65-69	9.6	9.2	10.8
70	14.2	12.6	15.5	70-74	3.9	3.9	4.0	70-74	7.2	6.9	8.5
75	10.9	9.6	11.8	75-79	3.4	3.4	3.4				
80	8.0	7.1	8.5	80-84	2.5	2.5	2.5				
85	5.7	5.2	6.0								

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

III Reference Tables - Section B

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

	General population of whole country/region in thousands	% Coverage of general population by the registry
Bosnia-Herzegovina	3508	100
Czech Republic	10381	100
Estonia	1342	100
France *	63233	82.0
FYR of Macedonia	2022	100
Israel	7180	100
Italy	59619	61.1
Latvia	2270	100
Montenegro	625	100
Poland	38115	95.0
Portugal	10618	100
Russia	142221	95.0
Slovakia	5401	48.7
Spain	45201	80.2
Tunisia	10224	100
Turkey	70586	99.0
Ukraine	46465	100

* The overseas territories Guadeloupe, Martinique, Guyane and Reunion are not included in the general population data

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

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry
Bosnia-Herzegovina	25	25
Czech Republic	92	92
Estonia	3	3
France	846	674
FYR of Macedonia	18	18
Israel	66	66
Italy	658	393
Latvia	19	19
Montenegro	10	10
Poland	220	215
Portugal	136	136
Russia	305	280
Slovakia	68	33
Spain	338	272
Tunisia	135	135
Turkey	796	792
Ukraine	55	55

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	575	163.9	315	183.2	260	145.3
Czech Republic †	1929	185.8				
Estonia						
France (18 of 24 regions) ‡	7196	138.8	4487	178.1	2709	101.6
FYR of Macedonia	186	92.0	113	111.3	73	72.5
Israel	1388	193.3	874	246.2	514	141.6
Italy (14 of 20 regions) † §	5263	144.6	3391	191.8	1872	99.9
Latvia	195	85.9	100	95.6	95	77.6
Montenegro	20	32.0	13	42.3	7	22.0
Poland	4615	127.5				
Portugal	2413	227.3				
Russia	4184	31.0	2279	36.4	1905	26.3
Slovakia †	421	160.1	225	176.1	196	144.9
Spain (17 of 19 regions)	4577	126.3	2960	165.3	1617	88.2
Tunisia						
Turkey †	16154	231.2	9049	258.4	7105	203.8
Ukraine	929	20.0	542	25.3	387	15.5

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 based on the regions Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Ile de France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas de Calais, Picardie, Poitou Charentes, Provence-Alpes Côte d'Azur, and Rhône-Alpes

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	59.6	15.1	63.0	54.8	58.6	15.3	62.0	45.2	60.7	14.8	63.5
Czech Republic												
Estonia												
France (18 of 24 regions) ‡	100	66.3	16.6	70.4	62.4	66.0	16.6	70.2	37.6	66.8	16.6	71.0
FYR of Macedonia	100	58.0	13.8	58.0	60.8	57.9	14.7	58.0	39.2	58.2	12.6	57.0
Israel	100	64.6	17.1	68.1	63.0	64.5	16.7	67.4	37.0	64.8	17.8	69.5
Italy (14 of 20 regions) † §	100	67.1	15.4	70.9	64.4	66.9	15.0	70.3	35.6	67.5	16.1	71.9
Latvia	100	60.3	15.2	62.0	51.3	57.7	16.3	59.0	48.7	63.0	13.5	67.0
Montenegro	100	52.5	7.6	50.2	65.0	52.8	6.8	49.9	35.0	52.0	7.5	49.7
Poland												
Portugal	100	63.0										
Russia	100	47.5	15.8	49.0	54.5	46.5	15.8	48.0	45.5	48.6	15.6	50.0
Slovakia †	100	62.6	13.7	64.0	53.4	60.7	13.9	61.0	46.6	64.7	13.2	67.0
Spain (17 of 19 regions)	100	61.8	1.0		64.7	61.3	1.2		35.3	62.6	1.7	
Tunisia												
Turkey †	100	55.4		58.1	56.0	55.1		57.8	44.0	55.7		58.5
Ukraine #	100	43.1	13.8	43.0	58.3	43.6	14.2	42.0	41.7	42.2	13.2	43.0

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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

Data do not include the city Kiev and the regions Zakarpattia and Donetsk

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

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	172.9	187.3	158.7
Czech Republic			
Estonia			
France (18 of 24 regions) ‡	133.6	166.8	99.2
FYR of Macedonia	110.8	134.4	84.4
Israel	278.3	345.5	205.9
Italy (14 of 20 regions) † §	121.2	155.3	85.6
Latvia			
Montenegro	33.0	43.6	22.7
Poland			
Portugal			
Russia			
Slovakia †	181.7	203.8	163.3
Spain (17 of 19 regions)	122.2	152.7	84.2
Tunisia			
Turkey †	376.6	417.6	332.8
Ukraine #	17.1	22.6	12.6

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

Data do not include the city Kiev and the regions Zakarpattya and Donetsk

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia-Herzegovina	163.9	100	14.0	8.5	29.6	18.1	5.4	3.3	5.1	3.1	27.4	16.7	32.5	19.8	7.4	4.5	8.6	5.2	35.1	21.4	27.4	16.7	4.0	2.4
Czech Republic																								
Estonia																								
France (18 of 24 regions) ‡	138.8	100	15.7	11.3	5.3	3.8	8.6	6.2					30.7	22.2	33.1	23.8	3.0	2.2	23.1	16.7	18.1	13.0	1.2	0.9
FYR of Macedonia	92.0	100	7.4	8.1	7.9	8.6	6.9	7.5	1.0	1.1	19.8	21.5	20.8	22.6	23.7	25.8	0.5	0.5	5.9	6.5	18.8	20.4	0	0
Israel	193.3	100	8.8	4.5	4.3	2.2	4.5	2.3					80.8	41.8	15.2	7.9	4.2	2.2	18.8	9.7	31.9	16.5	24.9	12.9
Italy (14 of 20 regions) † §	144.6	100	15.1	10.4	9.5	6.6	7.9	5.5					29.0	20.1	27.5	19.0	8.0	5.5	15.4	10.7	23.3	16.1	8.8	6.1
Latvia	85.9	100	10.6	12.3	22.0	25.6	7.5	8.7					15.0	17.4	9.7	11.3	0.9	1.0	10.6	12.3	9.7	11.3	0	0
Montenegro	32.0	100	3.2	10.0	1.6	5.0	0	0	9.6	30.0	8.0	25.0	17.6	55.0	4.8	15.0	1.6	5.0	3.2	10.0	0	0	0	0
Poland	127.5	100	23.3	18.2	16.5	12.9	7.2	5.6					32.3	25.3	17.2	13.5	0.1	0	13.9	10.9	17.1	13.4	0	0
Portugal																								
Russia	31.0	100	11.3	36.3	3.5	11.4	3.1	10.1	2.5	8.2	2.2	7.2	4.8	15.4	1.9	6.0	0.2	0.6	4.3	13.8	0.4	1.4	1.5	4.9
Slovakia †	160.1	100	13.3	8.3	13.3	8.3	3.8	2.4					60.4	37.8	10.3	6.4	6.1	3.8	45.6	28.5	7.2	4.5	0	0
Spain (17 of 19 regions) ¶ ¶¶	126.3	100	16.2	12.8	11.5	9.1	8.7	6.9					30.0	23.7			22.1	17.5	11.7	9.3	26.1	20.7	0	0
Tunisia																								
Turkey †	231.2	100	24.0	10.4	7.7	3.3	8.3	3.6	12.8	5.5	50.8	22.0	63.6	27.5	53.8	23.3	4.1	1.8	24.7	10.7	37.8	16.3	7.1	3.1
Ukraine **	20.0	100	9.5	47.6	3.1	15.4	1.4	6.8					3.2	15.9	0.8	3.8			1.5	7.4	0.5	2.4	0.2	0.8

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

Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

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

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	346	98.6	189	109.9	157	87.8
Czech Republic †	1387	133.6				
Estonia	187	139.3	116	187.7	71	98.1
France (18 of 24 regions) ‡	6712	129.4	4180	165.9	2532	95.0
FYR of Macedonia	168	83.1	106	104.4	62	61.6
Israel	1297	180.6	817	230.2	480	132.2
Italy (14 of 20 regions) † §	5066	139.1	3252	183.9	1814	96.9
Latvia	175	77.1	92	88.0	83	67.8
Montenegro	18	28.8	11	35.8	7	22.0
Poland						
Portugal						
Russia	3903	28.9	2206	35.3	1697	23.4
Slovakia †	366	139.1	193	151.1	173	127.9
Spain (17 of 19 regions)						
Tunisia †	1398	136.7	785	153.8	613	119.8
Turkey						
Ukraine	845	18.2	498	23.2	347	13.9

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 based on the regions Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Ile de France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas de Calais, Picardie, Poitou Charentes, Provence-Alpes Côte d'Azur, and Rhône-Alpes

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	58.3	15.3	62.0	54.6	57.2	15.8	61.0	45.4	59.7	14.6	63.0
Czech Republic												
Estonia	100	54.2	15.6	55.0	62.0	53.2	16.9	53.0	38.0	55.7	13.3	56.0
France (18 of 24 regions) ‡	100	65.6	16.7	69.7	62.3	65.3	16.8	69.3	37.7	66.1	16.7	70.1
FYR of Macedonia	100	57.5	14.2	58.0	63.1	57.3	14.8	58.0	36.9	57.9	13.1	56.5
Israel	100	64.0	17.2	67.5	63.0	63.9	16.8	66.9	37.0	64.3	17.8	68.8
Italy (14 of 20 regions) † §	100	66.8	15.5	70.5	64.2	66.5	15.1	69.9	35.8	67.2	16.2	71.7
Latvia	100	59.1	15.2	60.0	52.6	56.2	17.0	58.0	47.4	62.2	13.7	66.0
Montenegro	100	52.3	7.5	50.2	61.1	52.5	6.7	49.8	38.9	52.0	7.5	49.7
Poland												
Portugal												
Russia	100	45.9	15.6	48.0	56.5	45.0	15.5	47.0	43.5	47.0	15.7	49.0
Slovakia †	100	61.6	14.0	63.0	52.7	59.9	14.1	60.0	47.3	63.4	13.7	66.0
Spain (17 of 19 regions)												
Tunisia †	100	55.5	18.9	59.0	56.2	54.9	18.9	57.0	43.8	56.2	19.1	61.0
Turkey												
Ukraine #	100	42.8	13.8	42.0	58.9	43.4	14.2	42.0	41.1	42.0	13.2	43.0

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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

Data do not include the city Kiev and the regions Zakarpattia and Donetsk

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

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	100.1	110.1	90.3
Czech Republic			
Estonia			
France (18 of 24 regions) ‡	125.1	156.2	93.0
FYR of Macedonia	99.5	125.4	71.2
Israel	259.5	323.2	191.5
Italy (14 of 20 regions) † §	117.1	149.7	83.2
Latvia			
Montenegro	29.5	36.8	22.7
Poland			
Portugal			
Russia			
Slovakia †	156.8	173.2	142.9
Spain (17 of 19 regions)			
Tunisia †	220.9	232.0	209.4
Turkey			
Ukraine #	15.7	20.8	11.7

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

Data do not include the city Kiev and the regions Zakarpattia and Donetsk

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia-Herzegovina	98.6	100	11.1	11.3	18.8	19.1	4.6	4.6	2.9	2.9	18.8	19.1	21.7	22.0	3.7	3.8	3.4	3.5	20.8	21.1	12.8	13.0	1.7	1.7
Czech Republic																								
Estonia	139.3	100	26.8	19.3	29.1	20.9	11.9	8.6	17.1	12.3	5.2	3.7	22.4	16.0	26.8	19.3	0	0	22.4	16.0	0	0	0	0
France (18 of 24 regions) ‡	129.4	100	15.3	11.8	5.1	3.9	8.3	6.4					32.3	24.9	30.6	23.6	2.7	2.1	21.0	16.2	13.1	10.1	1.1	0.8
FYR of Macedonia	83.1	100	7.4	8.9	7.9	9.5	6.4	7.7	1.0	1.2	16.8	20.2	17.8	21.4	22.3	26.8	0.5	0.6	5.4	6.5	15.3	18.5	0	0
Israel	180.6	100	8.2	4.5	4.3	2.4	4.5	2.5					76.2	42.2	14.6	8.1	3.9	2.2	17.1	9.5	29.8	16.5	22.0	12.2
Italy (14 of 20 regions) † §	139.1	100	14.8	10.7	9.2	6.6	7.9	5.6					28.2	20.3	26.3	18.9	7.8	5.6	14.4	10.3	22.1	15.9	8.5	6.1
Latvia	77.1	100	10.1	13.1	20.3	26.3	7.5	9.7					14.5	18.9	9.3	12.0	0.9	1.1	7.5	9.7	7.0	9.1	0	0
Montenegro	28.8	100	3.2	11.1	1.6	5.6	0	0	9.6	33.3	6.4	22.2	16.0	55.6	3.2	11.1	1.6	5.6	3.2	11.1	0	0	0	0
Poland																								
Portugal																								
Russia	28.9	100	11.1	38.4	2.9	10.2	3.1	10.6	2.3	8.1	1.8	6.3	4.2	14.4	1.7	6.0	0.2	0.7	3.8	13.0	0.4	1.4	1.5	5.2
Slovakia †	139.1	100	12.5	9.0	12.9	9.3	3.4	2.5					52.1	37.4	8.7	6.3	4.9	3.6	38.0	27.3	6.5	4.6	0	0
Spain (17 of 19 regions)																								
Tunisia																								
Turkey																								
Ukraine **	18.2	100	9.0	49.2	2.8	15.3	1.3	7.1					2.9	16.2	0.6	3.1			1.2	6.9	0.4	2.2	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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

B3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 2007, AT DAY 91

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

	Total	Haemodialysis					Peritoneal dialysis				Transplant			Missing		
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased		Tx type Unkn	Total Tx
		N	N	N	N	N	N	N	N	N	N	N	N		N	N
Bosnia-Herzegovina	346	324	0	0	3	2	329	0	17	0	17	0	0	0	0	0
Czech Republic †	1387						1280			107	107					
Estonia	187	62	0	0	0	23	85	15	36	0	51	5	46	0	51	0
France (18 of 24 regions) ‡	6712	5354	0	0	15	305	5674	234	511	0	745	46	166	0	212	81
FYR of Macedonia	168	156	0	0	0	0	156	0	7	0	7	5	0	0	5	0
Israel	1297	1145	0	0	0	0	1145	68	46	3	117	23	1	11	35	0
Italy (14 of 20 regions) † §	5066	3639	9	457	56	180	4341	270	448	7	725					0
Latvia	175	140	0	0			140			31	31	1	3	0	4	0
Montenegro	18	10	0	0	0	0	10	0	0	0	0	4	1	3	8	0
Poland																
Portugal																
Russia	3903	3339	0	0	0	0	3339			513	513			51	51	0
Slovakia †	366	286	0	0	0	53	339	13	14	0	27					
Spain (17 of 19 regions)																
Tunisia																
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

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		Pmp
Bosnia-Herzegovina	98.6	92.4	0	0	0.9	0.6	93.8	0	4.8	0	4.8	0	0	0	0	0
Czech Republic †	133.6						123.3			10.3	10.3					
Estonia	139.3	46.2	0	0	0	17.1	63.3	11.2	26.8	0	38.0	3.7	34.3	0	38.0	0
France (18 of 24 regions) ‡	129.4	103.3	0	0	0.3	5.9	109.4	4.5	9.9	0	14.4	0.9	3.2	0	4.1	1.6
FYR of Macedonia	83.1	77.2	0	0	0	0	77.2	0	3.5	0	3.5	2.5	0	0	2.5	0
Israel	180.6	159.5	0	0	0	0	159.5	9.5	6.4	0.4	16.3	3.2	0.1	1.5	4.9	0
Italy (14 of 20 regions) † §	139.1	99.9	0.2	12.6	1.5	4.9	119.2	7.4	12.3	0.2	19.9					0
Latvia	77.1	61.7	0	0			61.7			13.7	13.7	0.4	1.3	0	1.8	0
Montenegro	28.8	16.0	0	0	0	0	16.0	0	0	0	0	6.4	1.6	4.8	12.8	0
Poland																
Portugal																
Russia	28.9	24.7	0	0	0	0	24.7			3.8	3.8			0.4	0.4	0
Slovakia †	139.1	108.7	0	0	0	20.1	128.9	4.9	5.3	0	10.3					
Spain (17 of 19 regions)																
Tunisia																
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

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

	Total	Haemodialysis					Peritoneal dialysis				Transplant			Missing		
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased		Tx type Unkn	Total Tx
		%	%	%	%	%	%	%	%	%	%	%	%		%	%
Bosnia-Herzegovina	100	93.6	0	0	0.9	0.6	95.1	0	4.9	0	4.9	0	0	0	0	0
Czech Republic †	100						92.3			7.7	7.7					
Estonia	100	33.2	0	0	0	12.3	45.5	8.0	19.3	0	27.3	2.7	24.6	0	27.3	0
France (18 of 24 regions) ‡	100	79.8	0	0	0.2	4.5	84.5	3.5	7.6	0	11.1	0.7	2.5	0	3.2	1.2
FYR of Macedonia	100	92.9	0	0	0	0	92.9	0	4.2	0	4.2	3.0	0	0	3.0	0
Israel	100	88.3	0	0	0	0	88.3	5.2	3.5	0.2	9.0	1.8	0.1	0.8	2.7	0
Italy (14 of 20 regions) † §	100	71.8	0.2	9.0	1.1	3.6	85.7	5.3	8.8	0.1	14.3					0
Latvia	100	80.0	0	0			80.0			17.7	17.7	0.6	1.7	0	2.3	0
Montenegro	100	55.6	0	0	0	0	55.6	0	0	0	0	22.2	5.6	16.7	44.4	0
Poland																
Portugal																
Russia	100	85.5	0	0	0	0	85.5			13.1	13.1			1.3	1.3	0
Slovakia †	100	78.1	0	0	0	14.5	92.6	3.6	3.8	0	7.4					
Spain (17 of 19 regions)																
Tunisia																
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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia-Herzegovina	2306	657.4	1275	741.7	1031	576.3
Czech Republic †	5307	511.2				
Estonia	598	445.6	348	563.1	250	345.3
France (18 of 24 regions) ‡	52448	1011.5	31760	1260.6	20688	776.1
FYR of Macedonia	1350	667.7	799	787.2	551	547.2
Israel †	4818	671.0	2891	814.5	1927	530.8
Italy (14 of 20 regions) † §	29747	817.0	18507	1046.8	11240	600.1
Latvia	888	391.2	469	448.4	419	342.3
Montenegro	199	318.4	117	381.1	82	257.9
Poland	23540	650.1				
Portugal	14567	1371.9				
Russia	19689	145.7	10765	172.1	8924	123.0
Slovakia †	1409	535.7	794	621.6	615	454.6
Spain (17 of 19 regions)	34025	939.0	21157	1181.3	12868	702.1
Tunisia †	7293	713.3	4076	798.4	3217	628.4
Turkey	50221	718.7	28007	799.7	22214	637.3
Ukraine	3948	85.0	2209	103.1	1739	69.5

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 based on the regions Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Ile de France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas de Calais, Picardie, Poitou Charentes, Provence-Alpes Côte d'Azur, and Rhône-Alpes

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia-Herzegovina	100	56.7	14.5	58.0	55.3	55.8	14.4	57.0	44.7	57.8	14.6	60.0
Czech Republic †	100	64.2	13.2	67.5								
Estonia	100	53.8	27.5	53.0	58.2	53.7	14.7	52.5	41.8	53.9	14.8	54.0
France (18 of 24 regions) ‡	100	59.8	16.7	60.8	60.6	59.5	16.5	60.4	39.4	60.2	17.0	61.2
FYR of Macedonia	100	54.6	14.1	55.0	59.2	54.1	14.1	54.0	40.8	55.4	14.1	55.0
Israel †	100	61.7	16.9	65.2	60.0	61.8	17.1	65.0	40.0	61.6	16.8	65.5
Italy (14 of 20 regions) † §	100	67.0	14.9	69.9	62.2	66.6	14.7	69.4	37.8	67.6	15.2	70.9
Latvia	100	53.1	15.9	54.0	52.8	51.9	16.2	53.0	47.2	54.4	15.5	56.0
Montenegro	100	52.3	7.5	50.2	58.8	52.5	6.7	49.8	41.2	52.0	7.5	49.7
Poland												
Portugal	100				57.0				43.0			
Russia	100	43.9	15.0	45.0	54.7	43.3	14.8	44.0	45.3	44.7	15.2	46.6
Slovakia †	100	60.5	13.9	61.0	56.4	59.0	13.5	59.0	43.6	62.4	14.1	65.0
Spain (17 of 19 regions)	100	57.2	0.3		62.2	56.8	0.4		37.8	57.9	0.6	
Tunisia †	100	57.1	18.4	60.0	55.9	56.0	18.4	58.0	44.1	58.5	18.2	63.0
Turkey	100	52.6		54.8	55.8	52.2		54.4	44.2	53.1		55.4
Ukraine	100	43.6	13.2	44.0	56.0	43.4	13.2	43.0	44.0	43.8	13.1	45.0

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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia-Herzegovina	665.1	742.6	590.6
Czech Republic †			
Estonia			
France (18 of 24 regions) ‡	1001.8	1226.5	777.8
FYR of Macedonia	767.4	902.8	628.4
Israel †	958.6	1144.3	762.1
Italy (14 of 20 regions) † §	685.8	850.7	514.1
Latvia			
Montenegro	334.4	398.1	275.7
Poland			
Portugal			
Russia			
Slovakia †	592.2	699.6	499.2
Spain (17 of 19 regions)	919.6	1115.9	674.9
Tunisia †	1185.6	1218.7	1155.3
Turkey	1096.6	1214.7	973.3
Ukraine	68.3	85.0	54.6

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia-Herzegovina	657.4	100	135.7	20.6	123.4	18.8	35.1	5.3	6.0	0.9	79.2	12.1	85.2	13.0	32.8	5.0	10.0	1.5	149.7	22.8	77.3	11.8	8.3	1.3
Czech Republic																								
Estonia	445.6	100	139.3	31.3	88.7	19.9	35.0	7.9	67.1	15.1	21.6	4.8	88.7	19.9	51.4	11.5	0	0	42.5	9.5	0	0	0	0
France (18 of 24 regions) ‡	1011.5	100	216.7	21.4	70.8	7.0	86.6	8.6					138.8	13.7	126.2	12.5	12.4	1.2	180.6	17.9	151.5	15.0	28.0	2.8
FYR of Macedonia	667.7	100	136.5	20.4	100.9	15.1	53.4	8.0	8.9	1.3	59.8	9.0	68.7	10.3	109.3	16.4	13.4	2.0	55.4	8.3	128.6	19.3	1.5	0.2
Israel †	671.0	100	58.1	8.7	28.6	4.3	20.9	3.1					265.7	39.6	57.2	8.5	17.5	2.6	68.4	10.2	118.4	17.6	36.2	5.4
Italy (14 of 20 regions) † §	817.0	100	134.8	16.5	76.1	9.3	58.9	7.2					120.2	14.7	119.2	14.6	49.6	6.1	82.2	10.1	134.4	16.5	41.6	5.1
Latvia	391.2	100	146.3	37.4	74.0	18.9	41.4	10.6					48.5	12.4	22.9	5.9	0.9	0.2	39.2	10.0	18.1	4.6	0	0
Montenegro	318.4	100	72.0	22.6	44.8	14.1	32.0	10.1	27.2	8.5	24.0	7.5	51.2	16.1	56.0	17.6	14.4	4.5	27.2	8.5	20.8	6.5	0	0
Poland ††	650.1	100	89.8	13.8	71.0	10.9	27.9	4.3					89.4	13.8	50.2	7.7	0.4	0.1	34.5	5.3	35.9	5.5	251.0	38.6
Portugal																								
Russia	145.7	100	69.5	47.7	16.1	11.1	13.8	9.5	8.3	5.7	3.9	2.7	12.2	8.4	4.7	3.3	1.1	0.8	16.8	11.5	1.6	1.1	9.9	6.8
Slovakia †	535.7	100	68.8	12.8	59.7	11.1	18.2	3.4					160.8	30.0	35.7	6.7	19.8	3.7	165.0	30.8	7.6	1.4	0	0
Spain (17 of 19 regions) ¶	939.0	100	174.8	18.6	112.8	12.0	86.5	9.2					133.1	14.2			114.6	12.2	98.5	10.5	195.3	20.8	23.4	2.5
Tunisia †	713.3	100	82.3	11.5	27.1	3.8	10.7	1.5					148.4	20.8	83.1	11.7	21.4	3.0	97.3	13.6	243.1	34.1	0	0
Turkey	718.7	100	76.0	10.6	33.2	4.6	31.0	4.3	33.2	4.6	141.0	19.6	174.2	24.2	172.6	24.0	8.9	1.2	74.6	10.4	134.6	18.7	13.6	1.9
Ukraine **	85.0	100	46.5	54.7	12.5	14.7	7.4	8.7					8.7	10.2	2.0	2.4			5.7	6.7	0.9	1.1	1.1	1.3

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

Categories may not add up because of rounding off

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

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

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

Table B.4.5
Prevalent counts

prevalent patients on December 31, by established therapy

	Total	Haemodialysis					Peritoneal dialysis				Transplant			Missing		
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased		Tx type Unkn	Total Tx
		N	N	N	N	N	N	N	N	N	N	N	N		N	N
Bosnia-Herzegovina	2306	2015	0	0	10	43	2068	2	95	4	101	105	18	14	137	0
Czech Republic †	5307	4896	0	0			4896			411	411					
Estonia	598	150	0	0	0	49	199	25	55	0	80	35	284	0	319	0
France (18 of 24 regions) ‡	52448	24006	308	181	26	1606	26127	819	1350	0	2169	1529	22165	298	23992	160
FYR of Macedonia	1350	1185	0	0	0	0	1185	1	24	0	25	130	10	0	140	0
Israel †	4818	4478	0	0	0	0	4478	200	133	7	340					0
Italy (14 of 20 regions) † §	29747	19990	93	2314	996	3212	26605	1272	1807	63	3142					0
Latvia	888	345	0	0			345			105	105			438	438	0
Montenegro	199	142	0	0	0	36	178	0	5	0	5	8	3	5	16	0
Poland	23540	13581	0	0			13581	489	575	0	1064			8895	8895	0
Portugal	14567	6601	0	0	0	2436	9037			517	517			5013	5013	0
Russia	19689	14244	0	0	0	0	14244			1450	1450			3995	3995	0
Slovakia †	1409	965	10	0	0	345	1320	34	54	0	88					1
Spain (17 of 19 regions)	34025			15877			15877			2018	2018			16028	16028	102
Tunisia †	7293	7170	0	0			7170	68	47	8	123					0
Turkey	50221	39050	3	0	0	214	39267	956	4351	0	5307	5046	601	0	5647	0
Ukraine	3948	2967	0	0			2967	0	430	0	430	212	339	0	551	0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		Pmp
Bosnia-Herzegovina	657.4	574.4	0	0	2.9	12.3	589.5	0.6	27.1	1.1	28.8	29.9	5.1	4.0	39.1	0
Czech Republic †	511.2	471.6	0	0			471.6			39.6	39.6					
Estonia	445.6	111.8	0	0	0	36.5	148.3	18.6	41.0	0	59.6	26.1	211.6	0	237.7	0
France (18 of 24 regions) ‡	1011.5	463.0	5.9	3.5	0.5	31.0	503.9	15.8	26.0	0	41.8	29.5	427.5	5.7	462.7	3.1
FYR of Macedonia	667.7	586.1	0	0	0	0	586.1	0.5	11.9	0	12.4	64.3	4.9	0	69.2	0
Israel †	671.0	623.7	0	0	0	0	623.7	27.9	18.5	1.0	47.4					0
Italy (14 of 20 regions) † §	817.0	549.0	2.6	63.6	27.4	88.2	730.7	34.9	49.6	1.7	86.3					0
Latvia	391.2	152.0	0	0			152.0			46.3	46.3			193.0	193.0	0
Montenegro	318.4	227.2	0	0	0	57.6	284.8	0	8.0	0	8.0	12.8	4.8	8.0	25.6	0
Poland	650.1	375.1	0	0			375.1	13.5	15.9	0	29.4			245.7	245.7	0
Portugal	1371.9	621.7	0	0	0	229.4	851.1			48.7	48.7			472.1	472.1	0
Russia	145.7	105.4	0	0	0	0	105.4			10.7	10.7			29.6	29.6	0
Slovakia †	535.7	366.9	3.8	0	0	131.2	501.8	12.9	20.5	0	33.5					0.4
Spain (17 of 19 regions)	939.0			438.1			438.1			55.7	55.7			442.3	442.3	2.8
Tunisia †	713.3	701.3	0	0			701.3	6.7	4.6	0.8	12.0					0
Turkey	718.7	558.8	0	0	0	3.1	561.9	13.7	62.3	0	75.9	72.2	8.6	0	80.8	0
Ukraine	85.0	63.9	0	0			63.9	0	9.3	0	9.3	4.6	7.3	0	11.9	0

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

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

	Total	Haemodialysis					Peritoneal dialysis				Transplant			Missing		
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased		Tx type Unkn	Total Tx
		%	%	%	%	%	%	%	%	%	%	%	%		%	%
Bosnia-Herzegovina	100	87.4	0	0	0.4	1.9	89.7	0.1	4.1	0.2	4.4	4.6	0.8	0.6	5.9	0
Czech Republic †	100	92.3	0	0			92.3			7.7	7.7					
Estonia	100	25.1	0	0	0	8.2	33.3	4.2	9.2	0	13.4	5.9	47.5	0	53.3	0
France (18 of 24 regions) ‡	100	45.8	0.6	0.3	0	3.1	49.8	1.6	2.6	0	4.1	2.9	42.3	0.6	45.7	0.3
FYR of Macedonia	100	87.8	0	0	0	0	87.8	0.1	1.8	0	1.9	9.6	0.7	0	10.4	0
Israel †	100	92.9	0	0	0	0	92.9	4.2	2.8	0.1	7.1					0
Italy (14 of 20 regions) † §	100	67.2	0.3	7.8	3.3	10.8	89.4	4.3	6.1	0.2	10.6					0
Latvia	100	38.9	0	0			38.9			11.8	11.8			49.3	49.3	0
Montenegro	100	71.4	0	0	0	18.1	89.4	0	2.5	0	2.5	4.0	1.5	2.5	8.0	0
Poland	100	57.7	0	0			57.7	2.1	2.4	0	4.5			37.8	37.8	0
Portugal	100	45.3	0	0	0	16.7	62.0			3.5	3.5			34.4	34.4	0
Russia	100	72.3	0	0	0	0	72.3			7.4	7.4			20.3	20.3	0
Slovakia †	100	68.5	0.7	0	0	24.5	93.7	2.4	3.8	0	6.2					0.1
Spain (17 of 19 regions)	100			46.7			46.7			5.9	5.9			47.1	47.1	0.3
Tunisia †	100	98.3	0	0			98.3	0.9	0.6	0.1	1.7					0
Turkey	100	77.8	0	0	0	0.4	78.2	1.9	8.7	0	10.6	10.0	1.2	0	11.2	0
Ukraine	100	75.2	0	0			75.2	0	10.9	0	10.9	5.4	8.6	0	14.0	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

Percentages are row percentages

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

Table B.5.1
Renal transplants performed in 2007, numbers and percentages
by donor type

	Total		Living						Deceased		Donor type Unkn			
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Bosnia-Herzegovina	19	100	14	73.7	1	5.3	0	0	15	78.9	4	21.1	0	0
Czech Republic	394	100					34	8.6	34	8.6	360	91.4	0	0
Estonia	52	100	5	9.6	0	0	0	0	5	9.6	47	90.4	0	0
France (18 of 24 regions) ‡	2338	100	45	1.9	159	6.8	0	0	204	8.7	2134	91.3	0	0
FYR of Macedonia	16	100	12	75.0	4	25.0	0	0	16	100	0	0	0	0
Israel	272	100					65	23.9	65	23.9	68	25.0	139	51.1
Italy ‡‡	1581	100					105	6.6	105	6.6	1476	93.4	0	0
Latvia	65	100	1	1.5	0	0	0	0	1	1.5	64	98.5	0	0
Montenegro	10	100	5	50.0	0	0	4	40.0	9	90.0	1	10.0	0	0
Poland	674	100	22	3.3	0	0	0	0	22	3.3	652	96.7	0	0
Portugal	480	100	36	7.5	0	0	0	0	36	7.5	444	92.5	0	0
Russia	581	100											581	100
Slovakia														
Spain §§	2211	100					137	6.2	137	6.2	2074	93.8	0	0
Tunisia	89	100	75	84.3	0	0	0	0	75	84.3	14	15.7	0	0
Turkey	1316	100	709	53.9	155	11.8	15	1.1	879	66.8	437	33.2	0	0
Ukraine	101	100	39	38.6	3	3.0	2	2.0	44	43.6	57	56.4	0	0

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

Percentages are row percentages

When cells are left empty, the data are unavailable

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

‡‡ Data from: Centro Nazionale Trapianti

§§ Data from: Organización Nacional de Trasplantes (ONT), 2007 from total Spanish population

Table B.5.2
Renal transplants performed in 2007, per million population
by donor type

	Total	Living			Deceased	Donor type Unkn	
	Pmp	Related	Unrelated	Type Unkn	All	Pmp	
		Pmp	Pmp	Pmp	Pmp		
Bosnia-Herzegovina	5.4	4.0	0.3	0	4.3	1.1	0
Czech Republic	38.0			3.3	3.3	34.7	0
Estonia	38.7	3.7	0	0	3.7	35.0	0
France (18 of 24 regions) ‡	45.1	0.9	3.1	0	3.9	41.2	0
FYR of Macedonia	7.9	5.9	2.0	0	7.9	0	0
Israel	37.9			9.1	9.1	9.5	19.4
Italy ‡‡	26.5			1.8	1.8	24.8	0
Latvia	28.6	0.4	0	0	0.4	28.2	0
Montenegro	16.0	8.0	0	6.4	14.4	1.6	0
Poland	18.6	0.6	0	0	0.6	18.0	0
Portugal	45.2	3.4	0	0	3.4	41.8	0
Russia	4.3						4.3
Slovakia							
Spain §§	48.9			3.0	3.0	45.9	0
Tunisia	8.7	7.3	0	0	7.3	1.4	0
Turkey	18.8	10.1	2.2	0.2	12.6	6.3	0
Ukraine	2.2	0.8	0.1	0	0.9	1.2	0

Categories may not add up because of rounding off

When cells are left empty, the data are unavailable

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

‡‡ Data from: Centro Nazionale Trapianti

§§ Data from: Organización Nacional de Trasplantes (ONT), 2007 from total Spanish population

IV Summary Data

IV Summary Data

The summary data on the incidence and prevalence of renal replacement therapy in 2007 are based on data of national or regional registries that provided individual patient data for Section A or aggregated patient data for Section B of this annual report.

Table S.1.1

Section A - Summary data from registries providing individual patient data

	General population covered by the registry in thousands	Incidence in 2007, at day 1				Prevalence on December 31, 2007			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Austria	8281	1261	152	397	48	7738	934	1632	197
Belgium, Dutch-speaking	6140	1143	186	268	44	6586	1073	1174	191
Belgium, French-speaking	4486	830	185	190	42	4975	1109	817	182
Denmark	5461	770	141	174	32	4511	826	775	142
Finland	5289	485	92	171	32	3943	746	1033	195
Greece	11193	2126	190	590	53	11298	1009	2048	183
Iceland	311	25	81	3	10	159	512	11	35
Italy (12 of 20 regions) †	33547	5036	150	1000	30	35626	1062	4459	133
Norway	4709	530	113	72	15	3692	784	398	85
Romania	21547	1933	90	226	11	7918	368	639	30
Spain, Andalusia	8131	987	121	223	27	7736	951	967	119
Spain, Aragon	1312	171	130	40	31	1175	896	182	139
Spain, Asturias	1078	143	133	30	28	1090	1012	161	149
Spain, Basque country	2149	242	113	37	17	2313	1076	199	93
Spain, Cantabria	577	64	111	11	19	468	810	57	99
Spain, Castile and Leon	2543	323	127	82	32	2360	928	330	130
Spain, Castile-La Mancha	2010	220	109	66	33	1846	918	277	138
Spain, Catalonia	7211	989	137	201	28	7928	1100	1003	139
Spain, Valencian region	4885	709	145	124	25	5330	1091	576	118
Sweden	9148	1180	129	320	35	7969	871	1509	165
The Netherlands	16382	1925	118	345	21	13163	804	1394	85
United Kingdom, England	51092	5555	109	1118	22	38240	749	5097	100
United Kingdom, Northern Ireland	1759	200	114	45	26	1405	799	209	119
United Kingdom, Scotland	5144	586	114	103	20	4144	806	508	99
United Kingdom, Wales	2980	423	142	108	36	2454	824	380	128
All countries	217365	27856	128	5944	27	184067	847	25835	119

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto

It should be mentioned that Belgium (Dutch-speaking), Belgium (French-speaking), Spain (Asturias), Spain (Cantabria), Spain (Castile-La Mancha), Spain (Castile and Leon), and United Kingdom (England/Northern Ireland/Wales) did not provide data of patients in the age group from 0 to 19 years. Therefore, the true incidence and prevalence counts for these countries are slightly higher than the counts reported here.

Table S.1.2

Section B - Summary data from registries providing aggregated data

	General population covered by the registry in thousands	Incidence in 2007, at day 1				Prevalence on December 31, 2007			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Bosnia-Herzegovina	3508	575	164	114	33	2306	657	299	85
Czech Republic † ††	10381	1929	186			5307	511		
Estonia	1342					598	446	119	89
France (18 of 24 regions) ‡	51851	7196	139	1594	31	52448	1012	7197	139
FYR of Macedonia	2022	186	92	42	21	1350	668	139	69
Israel ††	7180	1388	193	580	81	4818	671	1908	266
Italy (14 of 20 regions) § † ††	36427	5263	145	1056	29	29747	817	4376	120
Latvia	2270	195	86	34	15	888	391	110	49
Montenegro	625	20	32	11	18	199	318	32	51
Poland †††	36209	4615	128	1169	32	23540	650	3238	89
Portugal	10618	2413	227			14567	1372		
Russia	135110	4184	31	645	5	19689	146	1652	12
Slovakia † ††	2630	421	160	159	60	1409	536	423	161
Spain (17 of 19 regions)	36251	4577	126	1086	30	34025	939	4823	133
Tunisia ††	10224					7293	713	1517	148
Turkey †	69880	16154	231	4442	64	50221	719	12175	174
Ukraine	46465	929	20	148	3	3948	85	403	9
All countries	462993	50045	111	11080	26	252353	545	38411	87

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

† Data on incidence include dialysis patients only

†† Data on prevalence include dialysis patients only

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

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto

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

V Reference Tables - Section Paediatric RRT

V Reference Tables - Section Paediatric RRT

The incidence and prevalence of RRT in paediatric patients are based on data from 15 registries from 11 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Denmark, Finland, Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Aragon), Spain (Basque country), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). In the analyses data collected between 1998 and 2007 were used. Romania provided data for 2006 and 2007. To allow for comparison over the years, data regarding 2006 and 2007 are shown both including and excluding the data from Romania. The methods that were applied to the data on paediatric patients were similar to those applied to the data on adult patients and are described in Chapter VI Methods.

Further details on the epidemiology of paediatric patients on RRT and on projects and initiatives collecting paediatric data are available on the website of the European Society for Paediatric Nephrology (ESPN)/ ERA-EDTA Registry, www.espn-reg.org. In addition to the countries presented in this report several other national registries have contributed data regarding paediatric patients to the ESPN/ERA-EDTA Registry separately from the ERA-EDTA Registry. On June 15, 2009 these registries were Belgium, Croatia, Czech Republic, Estonia, France, FYR of Macedonia, Hungary, Italy, Lithuania, Latvia, Montenegro, Poland, Portugal, Republic of Serbia, Russia, Slovakia, Slovenia, Turkey, and United Kingdom.

P1 GENERAL CHARACTERISTICS

Table P.1.1

Population covered (in thousands)
by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1998	19933	4655	4972	4932	5374
1999	19849	4622	4978	4951	5297
2000	19750	4608	4954	4972	5215
2001	19700	4546	4922	5037	5196
2002	19719	4644	4844	5057	5174
2003	19751	4687	4790	5100	5175
2004	19695	4734	4753	5113	5095
2005	19726	4768	4732	5096	5130
2006	19847	4811	4766	5060	5210
2007	19923	4854	4779	5016	5274
2006 *	24825	5871	5869	6236	6849
2007 *	24759	5919	5872	6156	6811
1998-2007 *	207708	49055	50687	52650	55316

* Including Romanian data with respect to 2006 & 2007

Table P.1.2

Grouping of primary renal disease codes for paediatric patients
by primary renal disease code

Primary renal disease group	Primary renal disease code (see appendix 1)
Glomerulonephritis / sclerosis	10,11,12,13,14,15,16,17,19
Pyelonephritis	20,21,22,23,24,25,29
Cystic kidneys	40,41,42,43,49
Hereditary nephropathy	59
Hypoplasia / dysplasia	60,61,63,66
Haemolytic Uraemic Syndrome (HUS)	88
Miscellaneous	30,31,32,33,34,39,50,51,52,53,54,70,71,72,73,74,75,76,78,79,80,81,82,83,84,85,86,87,89,90,91,92,93,94,95,96,99
Unknown / missing	0,-92,missing

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.1

Incident counts
at day 1, by age and cohort

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1998-1999	388	69	62	91	166
2000-2001	387	67	52	96	172
2002-2003	375	79	50	85	161
2004-2005	390	71	45	111	163
2006-2007	386	86	50	88	162
2006-2007 *	470	90	56	101	223
1998-2007 *	2010	376	265	484	885

* Including Romanian data with respect to 2006 & 2007

Table P.2.2

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

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
1998-1999	9.8	7.4	6.2	9.2	15.6
2000-2001	9.8	7.3	5.3	9.6	16.5
2002-2003	9.5	8.5	5.2	8.4	15.6
2004-2005	9.9	7.5	4.7	10.9	15.9
2006-2007	9.7	8.9	5.2	8.7	15.5
2006-2007 *	9.5	7.6	4.8	8.2	16.3
1998-2007 *	9.7	7.7	5.2	9.2	16.0

* Including Romanian data with respect to 2006 & 2007

Table P.2.3

Incident counts
between 1998 and 2007, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
Glomerulonephritis / sclerosis	377	35	36	92	214
Pyelonephritis	370	47	37	93	193
Cystic kidneys	169	29	35	47	58
Hereditary nephropathy	86	53	9	11	13
Hypoplasia / dysplasia	292	92	47	91	62
Haemolytic Uraemic Syndrome (HUS)	58	21	9	5	23
Miscellaneous	419	77	54	93	195
Unknown / missing	239	22	38	52	127

Including Romanian data with respect to 2006 & 2007

Table P.2.4

Incident rates per million age-related population (per year)
between 1998 and 2007, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
Glomerulonephritis / sclerosis	1.8	0.7	0.7	1.7	3.9
Pyelonephritis	1.8	1.0	0.7	1.8	3.5
Cystic kidneys	0.8	0.6	0.7	0.9	1.0
Hereditary nephropathy	0.4	1.1	0.2	0.2	0.2
Hypoplasia / dysplasia	1.4	1.9	0.9	1.7	1.1
Haemolytic Uraemic Syndrome (HUS)	0.3	0.4	0.2	0.1	0.4
Miscellaneous	2.0	1.6	1.1	1.8	3.5
Unknown / missing	1.2	0.4	0.7	1.0	2.3

Including Romanian data with respect to 2006 & 2007

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.5

Incident counts

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

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1998-1999	183	131	72	10	49	9	19	25	18	39	31	21	115	26	24
2000-2001	169	147	70	12	50	5	14	28	10	39	29	28	104	40	27
2002-2003	158	145	72	7	59	13	14	23	13	31	33	21	106	30	25
2004-2005	174	126	90	13	44	14	13	19	13	43	38	30	105	25	33
2006-2007	159	130	97	18	56	12	11	14	25	38	26	24	92	34	36
2006-2007 *	219	145	106	20	58	12	14	16	26	46	30	25	139	41	43
1998-2007 *	903	694	410	62	260	53	74	111	80	198	161	125	569	162	152

For 7 patients information on treatment modality at start was unavailable

*Including Romanian data with respect to 2006 & 2007

Table P.2.6

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

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

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
1998-1999	4.6	3.3	1.8	1.1	5.3	1.0	1.9	2.5	1.8	3.9	3.1	2.1	10.8	2.4	2.2
2000-2001	4.3	3.7	1.8	1.3	5.5	0.5	1.4	2.8	1.0	3.9	2.9	2.8	10.0	3.8	2.6
2002-2003	4.0	3.7	1.8	0.8	6.3	1.4	1.5	2.4	1.3	3.1	3.2	2.1	10.2	2.9	2.4
2004-2005	4.4	3.2	2.3	1.4	4.6	1.5	1.4	2.0	1.4	4.2	3.7	2.9	10.3	2.4	3.2
2006-2007	4.0	3.3	2.4	1.9	5.8	1.2	1.2	1.5	2.6	3.8	2.6	2.4	8.8	3.2	3.4
2006-2007 *	4.4	2.9	2.1	1.7	4.9	1.0	1.2	1.4	2.2	3.7	2.4	2.0	10.2	3.0	3.1
1998-2007 *	4.3	3.3	2.0	1.3	5.3	1.1	1.5	2.2	1.6	3.8	3.1	2.4	10.3	2.9	2.7

For 7 patients information on treatment modality at start was unavailable

*Including Romanian data with respect to 2006 & 2007

P3 PREVALENT PATIENTS ON RRT

Table P.3.1

Prevalent counts

prevalent patients on December 31, by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
1998	1177	78	205	326	568
1999	1208	78	201	333	596
2000	1255	84	197	353	621
2001	1251	94	182	355	620
2002	1240	98	182	367	593
2003	1261	103	174	367	617
2004	1287	96	180	371	640
2005	1296	105	184	358	649
2006	1313	102	216	335	660
2007	1316	110	215	325	666
2006 *	1398	103	224	358	713
2007 *	1419	112	223	350	734

*Including Romanian data with respect to 2006 & 2007

Table P.3.2

Prevalence per million age-related population (per year)

prevalent patients on December 31, by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
1998	59.0	16.8	41.2	66.1	105.7
1999	60.9	16.9	40.4	67.3	112.5
2000	63.5	18.2	39.8	71.0	119.1
2001	63.5	20.7	37.0	70.5	119.3
2002	62.9	21.1	37.6	72.6	114.6
2003	63.8	22.0	36.3	72.0	119.2
2004	65.3	20.3	37.9	72.6	125.6
2005	65.7	22.0	38.9	70.3	126.5
2006	66.2	21.2	45.3	66.2	126.7
2007	66.1	22.7	45.0	64.8	126.3
2006 *	56.3	17.5	38.2	57.4	104.1
2007 *	57.3	18.9	38.0	56.9	107.8

*Including Romanian data with respect to 2006 & 2007

Table P.3.3

Prevalent counts

prevalent patients on December 31, 2007, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
Glomerulonephritis / sclerosis	229	11	28	47	143
Pyelonephritis	245	10	28	68	139
Cystic kidneys	124	6	16	34	68
Hereditary nephropathy	114	19	22	30	43
Hypoplasia / dysplasia	261	30	47	73	111
Haemolytic Uraemic Syndrome (HUS)	59	8	8	12	31
Miscellaneous	256	21	44	59	132
Unknown / missing	131	7	30	27	67

Including Romanian data

Table P.3.4

Prevalence per million age-related population (per year)

prevalent patients on December 31, 2007, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmp	Pmp	Pmp	Pmp	Pmp
Glomerulonephritis / sclerosis	9.2	1.9	4.8	7.6	21.0
Pyelonephritis	9.9	1.7	4.8	11.0	20.4
Cystic kidneys	5.0	1.0	2.7	5.5	10.0
Hereditary nephropathy	4.6	3.2	3.7	4.9	6.3
Hypoplasia / dysplasia	10.5	5.1	8.0	11.9	16.3
Haemolytic Uraemic Syndrome (HUS)	2.4	1.4	1.4	1.9	4.6
Miscellaneous	10.3	3.5	7.5	9.6	19.4
Unknown / missing	5.3	1.2	5.1	4.4	9.8

Including Romanian data

Table P.3.5

Prevalent counts

prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1998	179	150	844	7	35	34	26	35	144	37	32	257	109	48	409
1999	169	147	887	8	37	31	10	32	157	31	30	272	120	48	427
2000	162	150	940	7	37	38	10	28	159	37	30	286	108	55	457
2001	147	161	938	7	50	37	10	22	147	29	33	292	101	56	462
2002	139	139	959	6	46	46	9	19	152	31	31	305	93	43	456
2003	147	119	991	12	36	55	17	17	137	26	23	318	92	43	481
2004	162	117	1007	9	32	55	17	14	148	30	31	310	106	40	494
2005	161	116	1017	8	34	63	14	25	145	32	22	303	107	35	506
2006	159	115	1039	12	33	57	14	29	173	29	19	287	104	34	522
2007	148	111	1056	14	37	59	19	15	181	25	21	279	90	38	537
2006 *	205	138	1055	12	34	57	15	34	175	42	27	289	136	43	534
2007 *	206	138	1074	15	38	59	21	19	183	41	30	279	129	51	553

* Including Romanian data with respect to 2006 & 2007

Table P.3.6

Prevalence per million age-related population (per year)

prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
1998	9.0	7.5	42.3	1.5	7.5	7.3	5.2	7.0	29.0	7.5	6.5	52.1	20.3	8.9	76.1
1999	8.5	7.4	44.7	1.7	8.0	6.7	2.0	6.4	31.5	6.3	6.1	54.9	22.7	9.1	80.6
2000	8.2	7.6	47.6	1.5	8.0	8.2	2.0	5.7	32.1	7.4	6.0	57.5	20.7	10.5	87.6
2001	7.5	8.2	47.6	1.5	11.0	8.1	2.0	4.5	29.9	5.8	6.6	58.0	19.4	10.8	88.9
2002	7.0	7.0	48.6	1.3	9.9	9.9	1.9	3.9	31.4	6.1	6.1	60.3	18.0	8.3	88.1
2003	7.4	6.0	50.2	2.6	7.7	11.7	3.5	3.5	28.6	5.1	4.5	62.4	17.8	8.3	92.9
2004	8.2	5.9	51.1	1.9	6.8	11.6	3.6	2.9	31.1	5.9	6.1	60.6	20.8	7.9	97.0
2005	8.2	5.9	51.6	1.7	7.1	13.2	3.0	5.3	30.6	6.3	4.3	59.5	20.9	6.8	98.6
2006	8.0	5.8	52.3	2.5	6.9	11.8	2.9	6.1	36.3	5.7	3.8	56.7	20.0	6.5	100.2
2007	7.4	5.6	53.0	2.9	7.6	12.2	4.0	3.1	37.9	5.0	4.2	55.6	17.1	7.2	101.8
2006 *	8.3	5.6	42.5	2.0	5.8	9.7	2.6	5.8	29.8	6.7	4.3	46.3	19.9	6.3	78.0
2007 *	8.3	5.6	43.4	2.5	6.4	10.0	3.6	3.2	31.2	6.7	4.9	45.3	18.9	7.5	81.2

* Including Romanian data with respect to 2006 & 2007

VI Methods

VI Methods

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

Data collection and preparation

Section A

Data collection

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

Variables

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

Table 1: Variables collected for Section A

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

Collaborating registries and participating countries

Individual patient data of 34 national and regional registries from 13 countries were used to create the tables in Section A of this annual report (see Figure 1). The final versions of the databases, on which the analyses for these tables were based, were received on the dates shown in Table 2.

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

The data on Italy presented in Section A of this report, are based on 12 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Lombardy, Sardinia, Trentino-Alto Adige, Tuscany, Umbria, and Veneto.

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

Table 2: Dates on which the final versions of the databases, serving as a basis for the analyses, were received from national and regional renal registries participating in Section A

Registry	Date
Austria	November 3, 2008
Belgium, Dutch-speaking	February 3, 2009
Belgium, French-speaking	March 27, 2009
Denmark	April 10, 2008
Finland	February 24, 2009
Greece	February 27, 2009
Iceland	March 19, 2009
Italy (11 of 20 regions)	April 15, 2009
Italy (Calabria)	November 4, 2008
Norway	December 11 2008
Romania	April 17, 2009
Spain, Andalusia	February 27, 2009
Spain, Aragon	May 11, 2009
Spain, Asturias	March 6, 2009
Spain, Basque country	March 11, 2009
Spain, Cantabria	April 1, 2009
Spain, Castile and Leon	March 2, 2009
Spain, Castile-La Mancha	March 11, 2008
Spain, Catalonia	May 15, 2009
Spain, Valencian region	May 19, 2008
Sweden	March 20, 2009
The Netherlands	January 6, 2009
United Kingdom, England/Northern Ireland/Wales	April 6, 2009
United Kingdom, Scotland	March 24, 2008

Differences between collaborating registries

Definitions and collection of data

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

Patient population

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

For the calculation of the incidence of those alive and on RRT on day 91, registries were asked to provide data with a follow-up until 31 March 2008. For the following registries data were only available until 31 December 2007: Denmark, Finland, Italy (all regions), Romania, Spain (Asturias), Spain (Cantabria), Spain (Castile-La Mancha) and Spain (Castile and Leon). For these registries the incidence on day 91 was estimated as explained in the paragraph on statistical analyses.

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

Data loading and cleaning

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

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

ERA-EDTA Registry database

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

General population data

Midyear population data of the contributing countries were provided by Eurostat, the national bureau of statistics or the national or regional registry. The sources of the population data used for the analyses in Section A are shown in Table 3.

Table 3: Sources of general population data for the national and regional registries participating in Section A

Registry	Sources of general population data of 2007
Austria	registry
Belgium, Dutch-speaking	http://aps.vlaanderen.be/
Belgium, French-speaking	http://aps.vlaanderen.be/
Denmark	http://epp.eurostat.ec.europa.eu/
Finland	http://epp.eurostat.ec.europa.eu/
Greece	http://epp.eurostat.ec.europa.eu/
Iceland	http://epp.eurostat.ec.europa.eu/
Italy	http://demo.istat.it/
Norway	http://epp.eurostat.ec.europa.eu/
Romania	http://epp.eurostat.ec.europa.eu/
Spain, Andalusia	http://www.ine.es/
Spain, Aragon	http://www.ine.es/
Spain, Asturias	http://www.ine.es/
Spain, Basque country	http://www.ine.es/
Spain, Cantabria	http://www.ine.es/
Spain, Castile-La Mancha	http://www.ine.es/
Spain, Castile and Leon	http://www.ine.es/
Spain, Catalonia	registry
Spain, Valencian region	registry
Sweden	http://epp.eurostat.ec.europa.eu/
The Netherlands	http://epp.eurostat.ec.europa.eu/
United Kingdom, England/Northern Ireland/Wales	http://www.statistics.gov.uk/
United Kingdom, Scotland	http://www.statistics.gov.uk/

Reference population

Since the annual report 2004, the age and gender distribution of the EU25 of 2000 as provided by Eurostat has been used for the adjustment of incidence rates and prevalence for age and gender [1]. The age and gender distribution of EU25 in 2000 is shown in Table 4.

Table 4: The age and gender distribution of the reference population EU25 (2000)

Age groups	All N	Men N	Women N
0-4	23,830,063	12,224,553	11,605,510
5-9	25,729,616	13,188,241	12,541,375
10-14	27,517,226	14,106,544	13,410,682
15-19	28,763,312	14,728,986	14,034,326
20-24	29,984,717	15,266,239	14,718,478
25-29	32,295,539	16,395,067	15,900,472
30-34	34,688,026	17,602,837	17,085,189
35-39	35,182,505	17,775,606	17,406,899
40-44	33,041,437	16,568,690	16,472,747
45-49	31,092,132	15,479,466	15,612,666
50-54	29,484,450	14,622,372	14,862,078
55-59	24,657,433	12,082,582	12,574,851
60-64	24,009,634	11,483,533	12,526,101
65-69	21,433,665	9,871,066	11,562,599
70-74	18,946,731	8,140,808	10,805,923
75-79	15,178,807	5,793,449	9,385,358
80-84	7,842,689	2,695,472	5,147,217
85+	7,981,974	2,204,225	5,777,749
Total	451,659,956	220,229,736	231,430,220

Section B

Data collection

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

Collaborating registries

Aggregated data from 17 national and regional registries from 17 countries are used for the preparation of the tables in Section B (see Figure 1). The following countries participated in Section B of this year's annual report: Bosnia-Herzegovina, Czech Republic, Estonia, France, FYR of Macedonia, Israel, Italy, Latvia, Montenegro, Poland, Portugal, Russia, Slovakia, Spain, Tunisia, Turkey, and Ukraine.

Data from France are based on 18 of 24 regions, including Auvergne, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Corse, Haute-Normandie, Ile de France, Languedoc-Roussillon, Limousin, Lorraine, Midi-Pyrénées, Nord-Pas de Calais, Picardie, Poitou Charentes, Provence-Alpes Côte d'Azur, and Rhône-Alpes.

Data from Italy are based on 14 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Lazio, Liguria, Lombardy, Marche, Sardinia, Trentino-Alto Adige, Tuscany, Umbria and Veneto.

Data from Spain are based on 17 of 19 regions, including Andalusia, Aragon, Asturias, Balearic Islands, Basque Country, Canary Islands, Cantabria, Castile-La Mancha, Castile and Leon, Extremadura, Galicia, La Rioja, Madrid, Navarre, Valencian region, and the overseas cities Ceuta and Melilla.

Differences between collaborating registries

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

Data loading and cleaning

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

General population data

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

Reference population

As in Section A, we used the age and gender distribution of the EU25 of 2000 (see Table 4) as provided by Eurostat for the adjustment of incidence rates and prevalence [1].

Definitions and coding systems

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

Incidence and prevalence

Incidence is the number of new cases of a condition during a specific period of time which, in this annual report, is a year (2007). Prevalence is the number of people in a given population with a particular disease at a given time, in this annual report at December 31, 2007.

Primary cause of renal failure

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

Causes of death

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

Treatment modalities

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

Statistical analyses

An overview of the renal registries contributing data for the different types of analyses is given in Appendix 5.

SAS 9.1

For the data analyses SAS 9.1 [2] was used. This statistical software package is able to maintain large datasets, is syntax driven which increases reproducibility of results, and has extensive capabilities with respect to statistics and data management.

Section A

Incidence and prevalence

The incidence and prevalence tables were based on 34 national or regional registries from 13 countries that provided individual patient data for 2007, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Abruzzi), Italy (Apulia), Italy (Basilicata), Italy (Calabria), Italy (Emilia-Romagna), Italy (Lazio), Italy (Lombardy), Italy (Sardinia), Italy (Trentino-Alto Adige), Italy (Tuscany), Italy (Umbria), Italy (Veneto), Norway, Romania, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Methods for calculating incidence and prevalence

Incidence (on day 1 and day 91) and prevalence of those alive and on RRT were calculated for the total population and for subgroups based on gender, age group, treatment modality, and cause of renal failure. The incidence or prevalence Pmp is the observed incident or prevalent count divided by the general population in that year and multiplied by one million. The general (midyear) population data for the year 2007 were provided by Eurostat, the national bureau of statistics or the national or regional registry (see data collection and preparation).

For those registries that had no data available with a follow-up until March 31, 2008, 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 2007, when compared to patients who started RRT in the last three months of 2007.

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

Adjustment of incidence and prevalence

Differences in unadjusted incidence and prevalence might be due to the differences in the age and gender distribution of the general population. The EU25 age and gender distribution of the European population was therefore used to adjust incidence and prevalence for age and gender. Adjusted rates were derived by applying the weights of a reference population to the observed variable-specific rates (e.g. incidence rate per age group) in a country. This weighed average provides for each country a single summary rate that would be expected if that country had the age and gender distribution of the reference population.

The following example shows how to calculate the age adjusted incidence. In this example the incidence rate of country A in 2007 is 269 Pmp, the age-specific rates of country A and the reference population distribution with respect to age are shown in Table 5.

Table 5: Calculation of the adjusted incidence rate

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

The adjusted incident rate of country A in 2007 is:
 $(0.317 * 332) + (0.393 * 261) + (0.29 * 64) = 226$ Pmp

Performed renal transplants

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

Survival probability

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

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

- 1998-2002 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2001-2005 - for the presentation of 90-day, one- and two-year survival probabilities.

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

December 31, 2007 was applied as censoring date for all survival analyses. For the different types of survival analysis the events and censoring were defined as shown in Table 6.

Table 6: Overview of the events and censoring as defined for the survival analyses in Section A

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

Unadjusted survival probabilities

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

Adjusted survival probabilities

The Cox regression model was used to compare the survival between groups while accounting for confounders [5]. Survival probabilities were adjusted for age, gender and primary renal disease. As the ERA-EDTA Registry database is still growing with respect to the coverage of European countries, it was decided to adjust for fixed values for a number of variables in the survival analyses to make results more comparable across time periods. The fixed values of variables used for the survival tables are shown in Table 7.

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

Survival figures

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

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.

Table 7: Overview of the variables used to adjust the survival probabilities in Section A

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

Expected remaining lifetimes

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

To be able to calculate expected remaining lifetimes we used data from registries providing data from 1996 until 2007. Consequently, the data of the following 17 national or regional registries from 11 countries were suitable for this analysis: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands and United Kingdom (Scotland). With regard to the inclusion of the data, it should be noted that the differences between the expected remaining lifetimes of this annual report and expected remaining lifetimes published in earlier annual reports of the ERA-EDTA Registry may be partly due to differences in participating countries.

RRT population

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

General population

The death rates Pmp by gender and age of the general population of the contributing countries were provided by Eurostat (based on EU25 in 2000). The size of the contribution of each country to the general population that was used to calculate expected remaining lifetimes was in proportion to the size of the general population covered by its renal registry.

Section B

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

Paediatric Section

The incidence and prevalence tables were based on 15 national or regional registries from 11 countries that provided individual patient data from all paediatric centres in their population for 1998 to 2007, including Austria, Denmark, Finland, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Basque country), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). Romania provided data for 2006 and 2007.

Incidence (on day 1) and prevalence on RRT were calculated for subgroups based on age, treatment modality, and cause of renal failure. Incidence on RRT was presented for paediatric patients who started RRT between 1998 and 2007 (also including Romania). Additionally, the incidence on RRT was calculated by 2 year cohorts. The cohort 2006-2007 was presented twice, once including and once excluding Romania to allow for a comparison over time. The incidence on RRT Pmp was the observed incident count in that particular time period divided by the age-related general population in that time period (for example the total population in 2006 + the total population in 2007) multiplied by one million. The grouping of primary renal disease codes for the paediatric population is described in Table P.1.2 as it differs from the primary renal disease codes for the adult population.

The prevalence on RRT was presented at 31 December of each year from 1998 to 2007. Again, the years 2006 and 2007 were presented twice. The prevalence on RRT by cause of renal failure was calculated for patients prevalent in 2007.

Bibliography

- 1) Eurostat: <http://epp.eurostat.ec.eu.int>. Date of extraction: October 24, 2005. Table: Average population by sex and five-year age groups.
- 2) SAS Institute Inc., Cary, NC, USA.
- 3) van Dijk PC, Jager KJ, de Charro F, Collart F, Cornet R, Dekker FW, Gronhagen-Riska C, Kramar R, Leivestad T, Simpson K, Briggs JD. Renal replacement therapy in Europe: the results of a collaborative effort by the ERA-EDTA Registry and six national or regional registries. *Nephrol Dial Transplant* 2001; 16(6):1120-1129.
- 4) Bie O, Borgan O and Liestol K. Confidence intervals and confidence bands for the cumulative hazard rate function and their small sample properties. *Scandinavian Journal of Statistics* 1987; 14: 221-233.
- 5) Altman, D. *Practical statistics for medical research*. second ed. 1999, London: Chapman & Hall.
- 6) U.S. Renal Data System, *USRDS 2007 Annual Data Report: Atlas of End-Stage Renal Disease in the United States*, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2007.

VII Appendices

Appendix 1 - Grouping of primary renal diseases

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

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

Appendix 2 - Grouping of causes of death

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

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

Appendix 3 - Treatment modalities

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

Appendix 4 - Abbreviations

Abbreviation	Term
APD	Automated peritoneal dialysis
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
EU15	The 15 Member States of the European Union as of 1995 (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Portugal, Spain, Sweden, The Netherlands, and United Kingdom)
EU25	The 25 Member States of the European Union as of 2004 (Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, The Netherlands, and United Kingdom)
GN	Glomerulonephritis / sclerosis
HD	Haemodialysis
HDF	Haemodiafiltration
HF	Haemofiltration
HT	Hypertension
ISO	International Standards Organization
Misc	Miscellaneous
N	Count
ODBC	Open database connectivity
Oth	Other
PD	Peritoneal dialysis
PGP	Pretty good privacy
PKD	Polycystic kidneys, adult type
Pmp	Per million population
PN	Pyelonephritis
PRD	Primary renal disease
RRT	Renal replacement therapy
RVD	Renal vascular disease
SD	Standard deviation
SOPs	Standard Operating Procedures
Tx	Transplant
Unkn	Unknown
USRDS	United States Renal Data System

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

	Section A Individual patient data			Section B Aggregated data	Section Paediatric RRT Individual patient data
	Incidence and prevalence	Survival	Expected remaining lifetimes	Incidence and prevalence	Incidence and prevalence
Austria	+	+	+	-	+
Belgium, Dutch-speaking	+	+	+	-	-
Belgium, French-speaking	+	+	+	-	-
Bosnia-Herzegovina	-	-	-	+	-
Czech Republic	-	-	-	+	-
Denmark	+	+	+	-	+
Estonia	-	-	-	+	-
Finland	+	+	+	-	+
France (18 of 24 regions) ‡	-	-	-	+	-
FYR of Macedonia	-	-	-	+	-
Greece	+	+	+	-	+
Iceland	+	+	+	-	+
Israel	-	-	-	+	-
Italy, Abruzzi	+	-	-	+	-
Italy, Apulia	+	-	-	+	-
Italy, Basilicata	+	-	-	+	-
Italy, Calabria	+	+	-	+	-
Italy, Emilia-Romagna	+	-	-	+	-
Italy, Lazio	+	-	-	+	-
Italy, Liguria	-	-	-	+	-
Italy, Lombardy	+	-	-	+	-
Italy, Marche	-	-	-	+	-
Italy, Sardinia	+	-	-	+	-
Italy, Trentino-Alto Adige	+	-	-	+	-
Italy, Tuscany	+	-	-	+	-
Italy, Umbria	+	-	-	+	-
Italy, Veneto	+	-	-	+	-
Latvia	-	-	-	+	-
Montenegro	-	-	-	+	-
Norway	+	+	+	-	+
Poland	-	-	-	+	-
Portugal	-	-	-	+	-
Romania	+	-	-	-	+
Russia	-	-	-	+	-
Slovakia	-	-	-	+	-
Spain, Andalusia	+	+	+	+	+
Spain, Aragon	+	-	-	+	+
Spain, Asturias	+	+	+	+	-
Spain, Balearic Islands	-	-	-	+	-
Spain, Basque country	+	+	+	+	+
Spain, Canary Islands	-	-	-	+	-
Spain, Cantabria	+	+	+	+	-
Spain, Castile and Leon	+	-	-	+	-
Spain, Castile-La Mancha	+	-	-	+	-
Spain, Catalonia	+	+	+	-	+
Spain, Ceuta	-	-	-	+	-
Spain, Extremadura	-	-	-	+	-
Spain, Galicia	-	-	-	+	-
Spain, La Rioja	-	-	-	+	-
Spain, Madrid	-	-	-	+	-
Spain, Melilla	-	-	-	+	-
Spain, Navarre	-	-	-	+	-
Spain, Valencian region	+	+	+	+	+
Sweden	+	+	+	-	+
The Netherlands	+	+	+	-	+
Tunisia	-	-	-	+	-
Turkey	-	-	-	+	-
Ukraine	-	-	-	+	-
United Kingdom, England	+	+	-	-	-
United Kingdom, Northern Ireland	+	-	-	-	-
United Kingdom, Scotland	+	+	+	-	+
United Kingdom, Wales	+	+	-	-	-

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

www.era-edta-reg.org

ERA-EDTA Registry
Academic Medical Center
Department of Medical Informatics
PO Box 22700
1100 DE Amsterdam
The Netherlands

ISBN 978-90-814451-1-5

June 2009

