



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

EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION

Registered Charity No. 1060134

Annual Report 2009



ERA-EDTA Registry

ISBN

978-90-817480-0-1

Suggested Citation

ERA-EDTA Registry: ERA-EDTA Registry Annual Report 2009. Academic Medical Center, Department of Medical Informatics, Amsterdam, The Netherlands, 2011

ERA-EDTA Registry
Annual Report 2009

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 Wanner, Germany (Chairman)

D Ansell, United Kingdom

C Combe, France

L Garneata, Romania

F Jarraya, Tunisia

P Ravani, Italy

R Saracho, Spain

F Schaefer, Germany

S Schön, Sweden

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
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
France (16 of 26 regions)	M Lassalle and C Couchoud
Greece	GA Ioannidis
Iceland	R Palsson
Italy (12 of 20 regions)	A Rustici, M Nichelatti, A Limido, A Molino, M Salomone, G Cappelli, E Arosio, F Antonucci, A Santoro, E Mancini, A Rosati, GM Frascà, G Gaffi, M Standoli, M Bonomini, L DiLiberato, S DiGiulio, A DiNapoli, D Torres, F Casino, C Zoccali, M Postorino, and AM Pinna
Norway	T Leivestad
Romania	G Mircescu, L Garneata, and E Podgoreanu
Spain, Andalusia	P Castro de la Nuez and MA Pérez Valdivia
Spain, Asturias	R Alonso de la Torre, Á Rocés, and E Sánchez
Spain, Basque country	A Magaz, J Aranzabal, I Lampreabe, J Arrieta, M Rodrigo, and I Moina
Spain, Canary Islands	V Lorenzo Sellarés, N Vega Díaz and AP Rodríguez Hernández
Spain, Cantabria	J González Cotorruelo and O García Ruíz
Spain, Castile and Leon	R González and C García-Renedo
Spain, Castile-La Mancha	G Gutiérrez Ávila and I Moreno Alía
Spain, Catalonia	E Arcos, J Comas, R Deulofeu, and J Twose
Spain, Extremadura	JM Ramos Aceitero and MA García Bazaga
Spain, Galicia	E Bouzas-Caamaño and J Sánchez-Ibáñez
Spain, Valencian region	O Zurriaga Llorens and M Ferrer Alamar
Sweden	KG Prütz, L Bäckman, S Schön, A Seeberger, and B Rippe
The Netherlands	A Hoitsma and A Hemke
United Kingdom, England/Northern Ireland/Wales	All the staff of the UK Renal Registry and of the renal units submitting data
United Kingdom, Scotland	All of the Scottish renal units

For contribution to Section B

Registry	Contributors
Bosnia and Herzegovina	H Resić, B Jakovljević, and S Coric
Bulgaria	E Vazelov, V Mushekov, and E Paskalev
Croatia	Croatian Registry for RRT, Croatian Regional Registries for RRT, and Croatian Society for Nephrology, Dialysis and Transplantation
Czech Republic	I Rychlík, J Potucek, and F Lopot
Estonia	M Luman, M Rosenberg, and Ü Pechter
France (20 of 26 regions)	M Lassalle and C Couchoud
FYR of Macedonia	O Stojceva-Taneva
Israel	R Dichtiar, A Berlin, and E Golan
Italy (14 of 20 regions)	A Rustici, JH Leviaidi Ghiron, and M Nichelatti
Latvia	H Cernevsksis and V Kuzema
Montenegro	M Ratkovic and S Ivanovic
Poland	B Rutkowski, G Korejwo, and P Jagodziński
Portugal	F Macário, R Filipe, and F Nolasco
Russia	NA Tomilina and BT Bikbov
Serbia	L Djukanović and N Dimković
Slovakia	V Spustová, I Lajdova, and J Fekete
Spain (17 of 19 regions)	Spanish RRT National Registry at ONT, Spanish Regional Registries, and Spanish Society of Nephrology
Turkey	K Serdengeçti and G Süleymanlar
Ukraine	M Kulyzkyi, G Vladzjievskaya, and M Kolesnyk

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

List of abbreviations

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

Table of Contents

I	Introduction	11
	Chapter overview	13
	ERA-EDTA Registry website	13
	ESPN/ERA-EDTA Registry website	13
II	Reference Tables - Section A	15
A1	AFFILIATED REGISTRY INFORMATION FOR 2009	
	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 2009, 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 (age-related) 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 2009, 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 (age-related) 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 <i>at day 91</i>	
Table A.3.10	32
Percentages of established therapy, unadjusted <i>at day 91, by age, gender, and primary diagnosis</i>	

A4 PREVALENT PATIENTS ON RRT IN 2009

Table A.4.1	33
Prevalent counts and percentages <i>prevalent patients on December 31, by age and gender</i>	
Table A.4.2	34
Gender, mean age, and median age <i>prevalent patients on December 31</i>	
Table A.4.3	35
Prevalence per million (age-related) population, unadjusted <i>prevalent patients on December 31, by age and gender</i>	
Table A.4.4	36
Prevalence per million population and percentages, unadjusted <i>prevalent patients on December 31, by cause of renal failure</i>	
Table A.4.5	37
Prevalence per million population, adjusted <i>prevalent patients on December 31, by cause of renal failure, adjusted for age and gender</i>	
Table A.4.6	38
Prevalent counts <i>prevalent patients on December 31, by established therapy</i>	
Table A.4.7	39
Prevalence per million population, unadjusted <i>prevalent patients on December 31, by established therapy</i>	
Table A.4.8	40
Prevalence per million population, adjusted <i>prevalent patients on December 31, by established therapy, adjusted for age and gender</i>	
Table A.4.9	41
Percentages of established therapy, unadjusted <i>prevalent patients on December 31</i>	
Table A.4.10	42
Percentages of established therapy, unadjusted <i>prevalent patients on December 31, by age, gender, and primary diagnosis</i>	

A5 RENAL TRANSPLANTS IN 2009

Table A.5.1	43
Renal transplants performed in 2009, numbers and percentages <i>by donor type</i>	
Table A.5.2	44
Renal transplants performed in 2009, per million population <i>by donor type</i>	

A6 SURVIVAL PROBABILITY

Patient Survival on RRT

Table A.6.1	46
90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, unadjusted <i>from day 1 to 90 days, one, two, and five years, by age, gender, and primary diagnosis</i>	
Table A.6.2	47
90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, adjusted <i>from day 1 to 90 days, one, two, and five years, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.3	48
One-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, unadjusted <i>from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis</i>	
Table A.6.4	49
One-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, adjusted <i>from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis</i>	
Table A.6.5	50
90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident RRT patients, unadjusted <i>from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis</i>	
Table A.6.6	51
90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident RRT patients, adjusted <i>from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis</i>	

Table A.6.7	52
One- and two-year survival probabilities (cohort 2003-2007): 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 2003-2007): 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 2000-2004): 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 2000-2004): 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 2000-2004): 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 2000-2004): 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 2003-2007): 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 2003-2007): 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 2003-2007): 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 2003-2007): 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 2000-2004): 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 2000-2004): 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 2003-2007): 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 2003-2007): 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 2000-2004): 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 2000-2004): 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 2003-2007): 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 2003-2007): 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 2000-2004): 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 2000-2004): 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 2003-2007): 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 2003-2007): 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 2000-2004): 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 2000-2004): 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 2003-2007): 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 2003-2007): 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 2000-2004): Incident dialysis patients and patients receiving a first transplant (between 2000 and 2004) from day 91, by modality, adjusted for age, gender, and primary diagnosis	
Figure A.6.2	78
Adjusted survival (cohort 2000-2004): Incident haemodialysis patients from day 91, by primary diagnosis, adjusted for age and gender	
Figure A.6.3	78
Adjusted survival (cohort 2000-2004): 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 2005, and of prevalent dialysis and transplant patients in 2008 and 2009 (includes mortality in the first 90 days) by age and gender	
III Reference Tables - Section B	
81	
B1 AFFILIATED REGISTRY INFORMATION FOR 2009	
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 2009, 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 2009, AT DAY 91

Table B.3.1	88
Incident counts and incident rates per million population, unadjusted <i>at day 91</i>	
Table B.3.2	89
Gender, mean age, and median age of incident patients <i>at day 91</i>	
Table B.3.3	90
Incident rates per million population, adjusted <i>at day 91, adjusted for age and gender</i>	
Table B.3.4	91
Incident rates per million population and percentages, unadjusted <i>at day 91, by cause of renal failure</i>	
Table B.3.5	92
Incident counts <i>at day 91, by established therapy</i>	
Table B.3.6	93
Incident rates per million population, unadjusted <i>at day 91, by established therapy</i>	
Table B.3.7	94
Percentages of established therapy, unadjusted <i>at day 91</i>	

B4 PREVALENT PATIENTS ON RRT IN 2009

Table B.4.1	95
Prevalent counts and prevalence per million population, unadjusted <i>prevalent patients on December 31</i>	
Table B.4.2	96
Gender, mean age, and median age <i>prevalent patients on December 31</i>	
Table B.4.3	97
Prevalence per million population, adjusted <i>prevalent patients on December 31, adjusted for age and gender</i>	
Table B.4.4	98
Prevalence per million population and percentages, unadjusted <i>prevalent patients on December 31, by cause of renal failure</i>	
Table B.4.5	99
Prevalent counts <i>prevalent patients on December 31, by established therapy</i>	
Table B.4.6	100
Prevalence per million population, unadjusted <i>prevalent patients on December 31, by established therapy</i>	
Table B.4.7	101
Percentages of established therapy, unadjusted <i>prevalent patients on December 31</i>	

B5 RENAL TRANSPLANTS IN 2009

Table B.5.1	102
Renal transplants performed in 2009, numbers and percentages <i>by donor type</i>	
Table B.5.2	103
Renal transplants performed in 2009, per million population <i>by donor type</i>	

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 diseases for paediatric patients
groups and codes included

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

Table P.2.3 112
 Incident counts
between 2000 and 2009, at day 1, by age and cause of renal failure

Table P.2.4 113
 Incident rates per million age-related population (per year)
at day 1, by age and cohort

Table P.2.5 113
 Incident rates per million age-related population (per year)
at day 1, by age, treatment modality, and cohort

Table P.2.6 113
 Incident rates per million age-related population (per year)
between 2000 and 2009, at day 1, by age and cause of renal failure

P3 PREVALENT PATIENTS ON RRT

Table P.3.1 114
 Prevalent counts
prevalent patients on December 31, by age and year

Table P.3.2 114
 Prevalent counts
prevalent patients on December 31, by age and year

Table P.3.3 114
 Prevalent counts
prevalent patients on December 31, 2009, by age and cause of renal failure

Table P.3.4 115
 Prevalence per million age-related population (per year)
prevalent patients on December 31, by age and year

Table P.3.5 115
 Prevalence per million age-related population (per year)
prevalent patients on December 31, by age and year

Table P.3.6 115
 Prevalence per million age-related population (per year)
prevalent patients on December 31, 2009, by age and cause of renal failure

VI Methods

Data collection and preparation 119

Definitions and coding systems 122

Statistical analyses 123

Bibliography 126

VII Appendices

Appendix 1 - Grouping of primary renal diseases 128

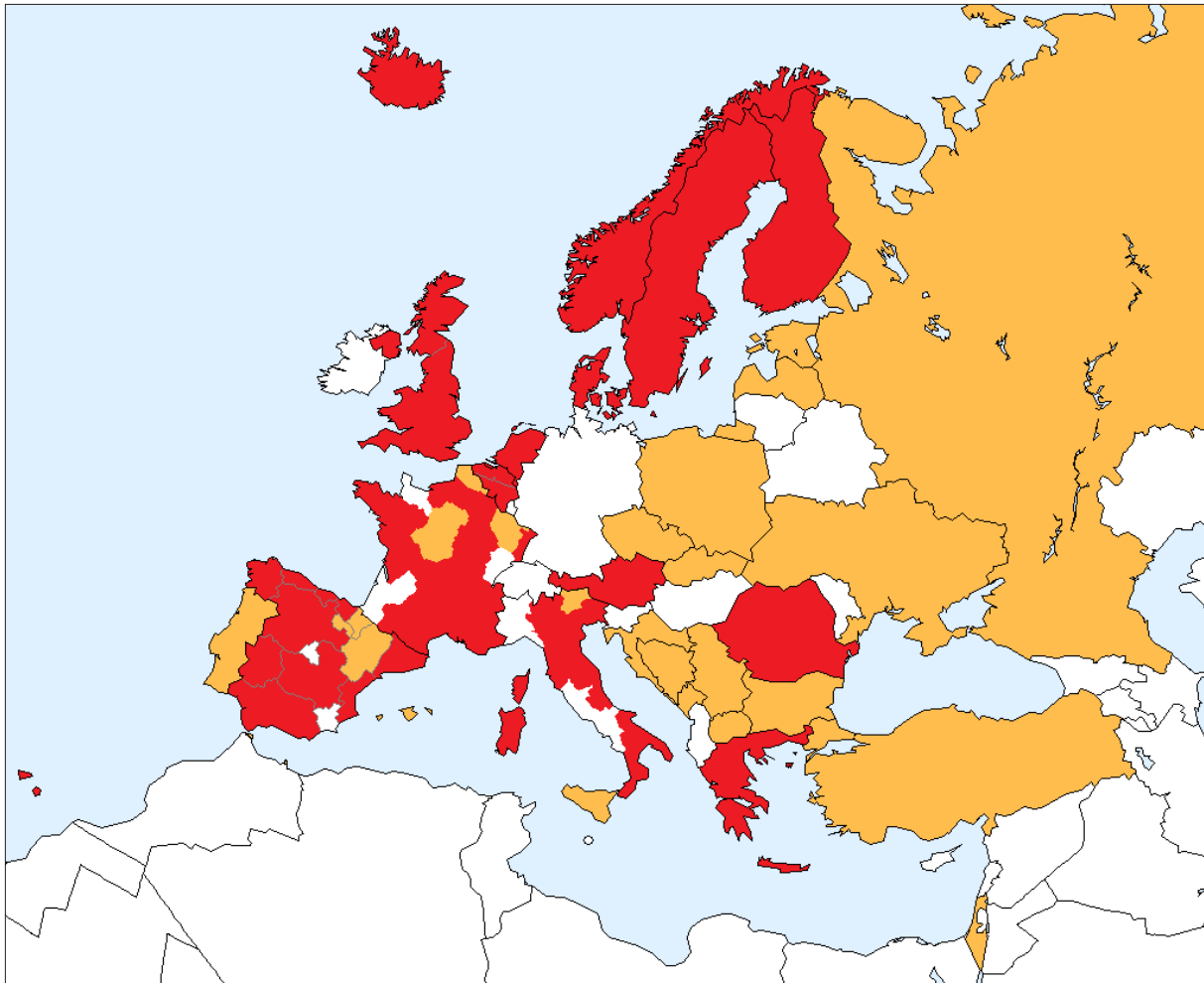
Appendix 2 - Grouping of causes of death 129

Appendix 3 - Treatment modalities 130

Appendix 4 - Renal registries contributing data for the different types of analyses 131

I Introduction

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



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

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 2009 it used 56 data sets from national or regional renal registries in 30 countries. The reference tables are presented in two parts: Section A (chapter II) and Section B (chapter III). Section A relates to individual patient data from 26 national and regional registries from 14 countries (shown in red in Figure 1), whereas section B relates to 19 national registries from 19 countries providing aggregated data based on individual patient data, centre questionnaire data or information from health authorities (shown in orange in Figure 1).

Chapter overview

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

ERA-EDTA Registry website

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

ESPN/ERA-EDTA Registry website

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

II Reference Tables - Section A

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

	General population of whole country/region in thousands	% Coverage of general population by the registry for individual patient data
Austria	8355	100
Belgium, Dutch-speaking	6230	100
Belgium, French-speaking	4566	100
Denmark	5579	100
Finland	5339	100
France (16 of 26 regions)	64369	57.2
Greece	11283	100
Iceland	318	100
Italy (12 of 20 regions)	60193	49.3
Norway	4829	100
Romania	21480	98.0
Spain, Andalusia	8337	100
Spain, Asturias	1085	100
Spain, Basque country	2175	100
Spain, Canary Islands	2111	100
Spain, Cantabria	591	100
Spain, Castile and Leon	2562	100
Spain, Castile-La Mancha	2090	100
Spain, Catalonia	7475	100
Spain, Extremadura	1105	100
Spain, Galicia	2797	100
Spain, Valencian region	5095	100
Sweden	9299	100
The Netherlands	16530	100
United Kingdom, All countries	61792	100
United Kingdom, England	51809	100
United Kingdom, Northern Ireland	1789	100
United Kingdom, Scotland	5194	100
United Kingdom, Wales	2999	100

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

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry for individual patient data
Austria	76	76
Belgium, Dutch-speaking	27	27
Belgium, French-speaking	24	24
Denmark	16	16
Finland	31	31
France (16 of 26 regions)	1048	637
Greece	156	156
Iceland	1	1
Italy (12 of 20 regions)	658	390
Norway	24	24
Romania	102	100
Spain, Andalusia	57	57
Spain, Asturias	10	10
Spain, Basque country	11	11
Spain, Canary Islands	12	12
Spain, Cantabria	2	2
Spain, Castile and Leon	25	25
Spain, Castile-La Mancha	12	12
Spain, Catalonia	45	45
Spain, Extremadura	12	12
Spain, Galicia	23	23
Spain, Valencian region	48	48
Sweden	65	65
The Netherlands	72	72
United Kingdom, All countries *	73	73
United Kingdom, England	52	52
United Kingdom, Northern Ireland	6	6
United Kingdom, Scotland	11	11
United Kingdom, Wales	5	5

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

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

	All			0-19						20-44						45-64						65-74						75+					
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%								
Austria	1232	782	450	20	2	13	2	7	2	114	9	71	9	43	10	407	33	282	36	125	28	360	29	228	29	132	29	331	27	188	24	143	32
Belgium, Dutch-speaking *	1250	782	468							92	7	58	7	34	7	280	22	189	24	91	19	346	28	227	29	119	25	532	43	308	39	224	48
Belgium, French-speaking *	896	542	354							90	10	60	11	30	8	276	31	170	31	106	30	213	24	127	23	86	24	317	35	185	34	132	37
Denmark	698	442	256	20	3	11	2	9	4	99	14	61	14	38	15	216	31	148	33	68	27	186	27	120	27	66	26	177	25	102	23	75	29
Finland	443	291	152	7	2	5	2	2	1	65	15	41	14	24	16	182	41	120	41	62	41	116	26	76	26	40	26	73	16	49	17	24	16
France (16 of 26 regions) §	5374	3401	1973	74	1	43	1	31	2	514	10	313	9	201	10	1417	26	897	26	520	26	1229	23	818	24	411	21	2140	40	1330	39	810	41
Greece	2307	1467	840	18	1	8	1	10	1	165	7	108	7	57	7	573	25	402	27	171	20	655	28	429	29	226	27	896	39	520	35	376	45
Iceland	28	18	10	0	0	0	0	0	0	4	14	4	22	0	0	6	21	2	11	4	40	10	36	5	28	5	50	8	29	7	39	1	10
Italy (12 of 20 regions) †	4431	2819	1612	23	1	14	0	9	1	412	9	260	9	152	9	1128	25	733	26	395	25	1194	27	786	28	408	25	1674	38	1026	36	648	40
Norway	560	379	181	12	2	6	2	6	3	73	13	46	12	27	15	192	34	129	34	63	35	131	23	94	25	37	20	152	27	104	27	48	27
Romania	2343	1339	1004	33	1	18	1	15	1	415	18	239	18	176	18	1019	43	576	43	443	44	590	25	328	24	262	26	286	12	178	13	108	11
Spain, Andalusia	1004	632	372	12	1	9	1	3	1	133	13	85	13	48	13	356	35	224	35	132	35	258	26	174	28	84	23	245	24	140	22	105	28
Spain, Asturias	145	90	55	2	1	1	1	1	2	18	12	8	9	10	18	54	37	40	44	14	25	29	20	16	18	13	24	42	29	25	28	17	31
Spain, Basque country	280	194	86	7	3	3	2	4	5	28	10	19	10	9	10	84	30	62	32	22	26	86	31	62	32	24	28	75	27	48	25	27	31
Spain, Canary Islands	363	241	122	1	0	1	0	0	0	42	12	28	12	14	11	121	33	92	38	29	24	116	32	74	31	42	34	83	23	46	19	37	30
Spain, Cantabria *	64	47	17							8	13	6	13	2	12	30	47	20	43	10	59	18	28	13	28	5	29	8	13	8	17	0	0
Spain, Castile and Leon *	305	215	90							33	11	20	9	13	14	80	26	59	27	21	23	80	26	53	25	27	30	112	37	83	39	29	32
Spain, Castile-La Mancha *	196	122	74							25	13	16	13	9	12	64	33	43	35	21	28	42	21	26	21	16	22	65	33	37	30	28	38
Spain, Catalonia	1065	687	378	19	2	12	2	7	2	146	14	86	13	60	16	310	29	205	30	105	28	255	24	168	24	87	23	335	31	216	31	119	31
Spain, Extremadura	119	71	48	1	1	1	1	0	0	9	8	6	8	3	6	40	34	26	37	14	29	30	25	19	27	11	23	39	33	19	27	20	42
Spain, Galicia	373	246	127	2	1	1	0	1	1	32	9	19	8	13	10	118	32	85	35	33	26	104	28	62	25	42	33	117	31	79	32	38	30
Spain, Valencian region	716	464	252	6	1	4	1	2	1	76	11	42	9	34	13	207	29	147	32	60	24	174	24	114	25	60	24	253	35	157	34	96	38
Sweden	1176	771	405	24	2	13	2	11	3	145	12	88	11	57	14	355	30	229	30	126	31	312	27	224	29	88	22	340	29	217	28	123	30
The Netherlands	2025	1269	756	43	2	27	2	16	2	224	11	131	10	93	12	656	32	413	33	243	32	502	25	321	25	181	24	600	30	377	30	223	29
United Kingdom, All countries *	6655	4123	2532							1105	17	657	16	448	18	2228	33	1336	32	892	35	1634	25	1023	25	611	24	1688	25	1107	27	581	23
United Kingdom, England *	5609	3479	2130							937	17	556	16	381	18	1916	34	1150	33	766	36	1360	24	852	24	508	24	1396	25	921	26	475	22
United Kingdom, Northern Ireland *	161	100	61							28	17	17	11	18	41	25	25	25	16	26	44	27	25	25	19	31	48	30	33	33	15	25	
United Kingdom, Scotland	549	337	212	16	3	8	2	8	4	91	17	52	15	39	18	174	32	108	32	66	31	140	26	89	26	51	24	128	23	80	24	48	23
United Kingdom, Wales *	352	215	137							49	14	32	15	17	12	97	28	53	25	44	32	90	26	57	27	33	24	116	33	73	34	43	31

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	64.2	15.8	67.2	63.5	63.4	15.4	65.8	36.5	65.7	16.3	69.5
Belgium, Dutch-speaking *	100	69.5	13.9	72.8	62.6	68.9	13.6	71.8	37.4	70.6	14.5	74.3
Belgium, French-speaking *	100	66.9	14.9	69.7	60.5	66.4	15.2	68.8	39.5	67.6	14.5	70.6
Denmark	100	62.1	17.8	65.5	63.3	62.1	17.3	65.2	36.7	62.1	18.6	66.2
Finland	100	60.0	15.6	62.4	65.7	60.3	15.7	62.5	34.3	59.6	15.6	61.7
France (16 of 26 regions) §	100	67.2	16.6	71.0	63.3	67.2	16.3	70.9	36.7	67.0	17.0	71.2
Greece	100	68.4	14.8	71.9	63.6	67.7	14.6	70.9	36.4	69.8	15.2	73.6
Iceland	100	65.7	13.4	69.4	64.3	66.0	15.7	70.9	35.7	65.3	8.6	67.0
Italy (12 of 20 regions) †	100	67.7	15.1	71.2	63.6	67.5	14.9	70.8	36.4	68.0	15.4	71.9
Norway	100	62.8	17.1	65.3	67.7	63.5	16.2	65.7	32.3	61.2	18.7	64.6
Romania	100	58.2	15.3	60.2	57.1	58.3	15.5	60.0	42.9	58.1	15.0	60.4
Spain, Andalusia	100	62.3	16.0	65.2	62.9	61.7	16.1	64.6	37.1	63.4	15.9	65.6
Spain, Asturias	100	62.9	16.1	63.7	62.1	62.9	15.2	63.3	37.9	63.0	17.7	68.0
Spain, Basque country	100	63.7	16.9	68.1	69.3	63.7	16.0	67.1	30.7	63.9	18.8	69.2
Spain, Canary Islands	100	63.7	14.2	66.6	66.4	62.6	13.6	64.7	33.6	65.8	15.0	71.0
Spain, Cantabria *	100	59.8	13.6	61.6	73.4	60.6	13.8	62.4	26.6	57.4	13.0	52.5
Spain, Castile and Leon *	100	66.8	14.5	71.5	70.5	67.0	14.3	71.9	29.5	66.3	14.9	71.4
Spain, Castile-La Mancha *	100	64.1	14.9	66.7	62.2	63.6	14.8	66.0	37.8	65.0	15.2	69.4
Spain, Catalonia	100	63.7	16.9	67.5	64.5	63.8	16.7	67.4	35.5	63.5	17.4	68.0
Spain, Extremadura	100	65.5	14.8	68.5	59.7	63.6	15.4	67.2	40.3	68.2	13.6	70.1
Spain, Galicia	100	65.8	14.1	68.3	66.0	65.9	13.6	68.2	34.0	65.7	15.0	68.9
Spain, Valencian region	100	65.5	15.8	69.6	64.8	65.5	15.3	69.0	35.2	65.4	16.7	71.2
Sweden	100	63.7	16.8	66.8	65.6	64.3	16.3	67.3	34.4	62.7	17.6	65.4
The Netherlands	100	63.8	16.6	66.9	62.7	64.0	16.4	67.2	37.3	63.4	16.9	66.5
United Kingdom, All countries *	100	62.3	16.0	65.0	62.0	62.9	16.0	65.7	38.0	61.4	16.0	63.7
United Kingdom, England *	100	62.1	16.0	64.6	62.0	62.7	15.9	65.4	38.0	61.1	16.0	63.3
United Kingdom, Northern Ireland *	100	62.9	16.9	67.6	62.1	63.3	16.5	69.5	37.9	62.3	17.6	65.8
United Kingdom, Scotland	100	60.8	18.1	64.5	61.4	61.4	17.8	65.1	38.6	59.9	18.6	64.3
United Kingdom, Wales *	100	65.3	15.9	69.4	61.1	65.6	16.4	70.1	38.9	64.9	15.3	67.2

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

Percentages are row percentages

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	147.5	192.2	105.0	11.3	14.4	8.1	38.6	47.9	29.3	185.9	260.4	113.0	458.3	626.9	312.9	497.4	803.3	331.5
Belgium, Dutch-speaking *	200.6	254.3	148.3				45.4	56.7	34.0	164.0	219.4	107.6	606.2	835.8	397.7	958.7	1421.0	662.4
Belgium, French-speaking *	196.2	244.6	150.6				57.5	76.5	38.5	234.7	293.8	177.4	616.8	812.7	454.8	840.0	1390.5	540.2
Denmark	125.1	159.7	91.0	14.6	15.7	13.5	54.4	66.4	42.2	144.1	196.6	91.2	367.5	493.0	251.2	457.6	677.2	317.6
Finland	83.0	111.1	55.9	5.7	8.0	3.3	38.7	47.8	29.3	118.5	156.9	80.4	242.6	343.9	155.6	172.5	328.1	87.6
France (16 of 26 regions) §	146.0	190.6	104.0	8.3	9.4	7.1	43.9	53.6	34.2	147.1	190.5	105.7	398.7	572.5	248.5	626.0	1049.2	376.6
Greece	204.5	262.6	147.5	8.2	7.1	9.4	40.8	51.8	29.1	196.1	280.3	115.0	588.4	855.2	369.5	888.1	1196.1	654.9
Iceland	87.9	111.8	63.5	0	0	0	35.0	68.0	0	78.7	51.5	107.1	516.9	532.8	501.9	437.8	895.1	95.7
Italy (12 of 20 regions) †	149.4	195.3	105.9	4.2	5.0	3.4	40.4	50.3	30.2	143.0	188.8	98.6	385.6	544.7	246.8	556.4	907.7	344.9
Norway	116.0	157.2	74.9	9.7	9.5	10.0	44.3	54.7	33.5	155.9	205.9	104.1	363.7	542.9	197.8	429.9	763.6	220.8
Romania	111.3	130.6	93.0	7.4	7.8	6.9	50.3	56.8	43.5	197.0	232.6	164.2	325.6	426.2	251.4	215.6	353.9	131.1
Spain, Andalusia	120.4	153.1	88.4	6.5	9.5	3.3	40.6	50.8	29.9	180.4	229.2	132.5	400.7	584.5	242.7	412.3	605.4	289.2
Spain, Asturias	133.6	172.8	97.5	13.1	12.7	13.4	47.0	41.3	53.0	172.9	263.4	87.2	276.3	335.2	227.2	317.9	511.3	204.3
Spain, Basque country	128.7	182.4	77.4	18.8	15.7	22.2	35.5	47.0	23.4	139.7	209.9	71.9	430.7	670.6	223.9	350.6	598.4	201.9
Spain, Canary Islands	171.9	228.3	115.6	2.3	4.6	0	47.3	62.1	32.1	232.7	351.7	112.3	739.9	985.0	514.3	682.1	934.0	510.8
Spain, Cantabria *	108.3	162.4	56.4				36.3	53.4	18.5	187.9	252.4	124.3	367.9	571.2	191.1	133.5	356.3	0
Spain, Castile and Leon *	119.1	169.2	69.7				37.0	43.4	30.1	118.4	170.3	63.8	319.8	448.0	204.8	343.4	636.2	148.2
Spain, Castile-La Mancha *	93.8	115.6	71.5				30.8	37.5	23.3	134.9	176.9	90.8	254.1	336.8	181.6	322.0	440.5	237.5
Spain, Catalonia	142.5	185.0	100.5	13.0	15.9	9.9	49.0	55.4	42.0	171.0	229.0	114.4	431.6	611.0	275.4	534.6	909.7	305.7
Spain, Extremadura	107.7	129.4	86.3	4.4	8.6	0	22.6	29.4	15.4	148.1	187.6	106.5	304.6	415.4	208.5	347.7	428.8	294.7
Spain, Galicia	133.4	182.2	87.8	4.5	4.4	4.7	31.9	37.7	26.1	160.0	234.6	88.0	360.1	468.0	268.7	357.8	638.8	186.9
Spain, Valencian region	140.5	182.8	98.6	6.0	7.7	4.1	37.9	40.3	35.2	165.9	238.9	94.9	396.1	547.8	259.5	638.7	1004.4	400.3
Sweden	126.5	166.7	86.7	11.0	11.6	10.3	47.7	56.7	38.3	147.8	189.2	105.7	358.8	528.4	197.4	425.9	685.0	255.5
The Netherlands	122.5	155.1	90.5	10.9	13.4	8.3	40.7	47.2	34.0	143.1	179.1	106.6	365.7	484.0	255.0	529.9	882.7	316.3
United Kingdom, All countries *	107.7	135.7	80.6				52.0	61.5	42.4	142.2	173.5	112.0	309.6	407.4	220.8	349.7	579.2	199.3
United Kingdom, England *	108.3	136.4	81.0				52.2	61.5	42.8	146.8	179.0	115.7	310.5	407.9	221.7	344.3	570.6	194.6
United Kingdom, Northern Ireland *	90.0	113.8	67.0				44.7	54.3	35.1	96.4	119.5	74.0	315.4	381.1	257.1	417.8	758.6	210.1
United Kingdom, Scotland	105.7	134.0	79.1	13.6	13.3	13.9	52.0	60.1	44.1	124.3	158.9	91.7	297.9	409.4	201.9	321.2	529.8	193.9
United Kingdom, Wales *	117.4	146.7	89.3				51.8	68.1	35.7	122.5	136.8	108.7	311.4	410.1	220.0	447.5	710.8	274.8

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	147.5	100	15.8	10.7	5.7	3.9	5.6	3.8	5.3	3.6	37.9	25.7	43.2	29.3	11.7	8.0	21.8	14.8	26.1	17.7	17.5	11.9	0	0
Belgium, Dutch-speaking *	200.6	100	14.9	7.4	12.0	6.0	8.5	4.2	3.4	1.7	38.5	19.2	41.9	20.9	16.5	8.2	38.5	19.2	34.7	17.3	22.6	11.3	10.9	5.4
Belgium, French-speaking *	196.2	100	21.7	11.0	9.0	4.6	10.3	5.2	5.7	2.9	44.0	22.4	49.7	25.3	35.5	18.1	10.5	5.4	50.6	25.8	9.0	4.6	0	0
Denmark	125.1	100	12.0	9.6	5.7	4.6	7.2	5.7	10.4	8.3	17.6	14.0	28.0	22.3	9.3	7.4	0.4	0.3	29.6	23.6	33.0	26.4	0	0
Finland	83.0	100	12.7	15.3	5.1	6.1	6.6	7.9	11.2	13.5	16.3	19.6	27.5	33.2	4.7	5.6	1.7	2.0	12.7	15.3	12.0	14.4	0	0
France (16 of 26 regions) §	146.0	100	20.3	13.9	5.6	3.9	9.1	6.2					30.7	21.0	36.3	24.9	1.9	1.3	23.3	15.9	18.7	12.8	0	0
Greece	204.5	100	15.6	7.6	10.9	5.3	8.7	4.2	2.3	1.1	54.6	26.7	56.9	27.8	22.5	11.0	5.0	2.4	17.6	8.6	67.3	32.9	0	0
Iceland	87.9	100	15.7	17.9	0	0	12.6	14.3	9.4	10.7	6.3	7.1	15.7	17.9	9.4	10.7	18.8	21.4	6.3	7.1	9.4	10.7	0	0
Italy (12 of 20 regions) †	149.4	100	15.9	10.6	7.7	5.2	7.9	5.3					28.9	19.4	25.6	17.1	10.2	6.8	19.3	12.9	31.8	21.3	2.1	1.4
Norway	116.0	100	20.1	17.3	7.0	6.1	9.3	8.0	6.6	5.7	14.7	12.7	21.3	18.4	33.3	28.8	1.0	0.9	21.1	18.2	2.7	2.3	0	0
Romania	111.3	100	16.3	14.6	11.3	10.2	3.9	3.5					14.5	13.1	5.3	4.7	0.5	0.5	15.0	13.5	44.4	39.9	0	0
Spain, Andalusia	120.4	100	14.3	11.9	7.3	6.1	8.4	7.0					27.5	22.8	15.5	12.8	7.8	6.5	13.2	11.0	26.5	22.0	0	0
Spain, Asturias	133.6	100	16.6	12.4	7.4	5.5	12.0	9.0	6.4	4.8	24.0	17.9	30.4	22.8	14.7	11.0	6.4	4.8	19.3	14.5	26.7	20.0	0	0
Spain, Basque country	128.7	100	16.5	12.9	6.0	4.6	6.4	5.0	4.6	3.6	20.2	15.7	24.8	19.3	19.8	15.4	8.3	6.4	19.3	15.0	27.6	21.4	0	0
Spain, Canary Islands	171.9	100											73.4	42.7							98.5	57.3	0	0
Spain, Cantabria *	108.3	100	28.8	26.6	5.1	4.7	13.5	12.5	5.1	4.7	15.2	14.1	20.3	18.8	13.5	12.5	13.5	12.5	10.2	9.4	3.4	3.1	0	0
Spain, Castile and Leon *	119.1	100	18.7	15.7	9.8	8.2	6.2	5.2	11.7	9.8	18.3	15.4	30.1	25.2	18.3	15.4	3.9	3.3	16.0	13.4	16.0	13.4	0	0
Spain, Castile-La Mancha *	93.8	100	12.4	13.3	8.6	9.2	6.2	6.6					17.2	18.4	7.7	8.2	1.0	1.0	12.9	13.8	27.8	29.6	0	0
Spain, Catalonia	142.5	100	18.1	12.7	9.8	6.9	10.2	7.1	3.1	2.2	25.1	17.7	28.5	20.0	16.5	11.5	5.9	4.1	17.3	12.1	36.4	25.5	0	0
Spain, Extremadura	107.7	100	15.4	14.3	6.3	5.9	8.1	7.6					25.3	23.5	10.9	10.1	2.7	2.5	9.1	8.4	29.9	27.7	0	0
Spain, Galicia	133.4	100	13.6	10.2	7.5	5.6	8.9	6.7					27.5	20.6	17.2	12.9	4.6	3.5	17.9	13.4	36.1	27.1	0	0
Spain, Valencian region	140.5	100	14.1	10.1	11.4	8.1	9.0	6.4					24.5	17.5	26.1	18.6	9.0	6.4	14.5	10.3	31.8	22.6	0	0
Sweden	126.5	100	16.5	13.0	3.2	2.6	9.4	7.4	13.2	10.5	18.4	14.5	31.6	25.0	14.4	11.4	6.9	5.4	21.1	16.7	23.4	18.5	0	0
The Netherlands	122.5	100	9.4	7.7	5.4	4.4	6.2	5.1	3.4	2.8	14.5	11.8	17.9	14.6	14.2	11.6	16.6	13.6	23.7	19.4	14.2	11.6	14.8	12.0
United Kingdom, All countries *	107.7	100	12.1	11.2	6.7	6.2	6.2	5.8					24.1	22.3	6.5	6.1	4.5	4.2	16.6	15.4	20.2	18.8	10.8	10.1
United Kingdom, England *	108.3	100	12.0	11.1	6.5	6.0	6.0	5.6	10.6	9.8	13.2	12.2	23.8	22.0	7.0	6.5	3.9	3.6	16.4	15.1	20.4	18.8	12.3	11.3
United Kingdom, Northern Ireland *	90.0	100	10.1	11.2	6.1	6.8	6.1	6.8					21.2	23.6	5.6	6.2	6.1	6.8	17.3	19.3	17.3	19.3	0	0
United Kingdom, Scotland	105.7	100	13.5	12.8	9.0	8.6	7.7	7.3					25.4	24.0	4.8	4.6	7.3	6.9	20.6	19.5	16.9	16.0	0.4	0.4
United Kingdom, Wales *	117.4	100	12.7	10.8	8.0	6.8	6.7	5.7	18.3	15.6	9.3	8.0	27.7	23.6	2.3	2.0	8.0	6.8	16.0	13.6	25.3	21.6	10.7	9.1

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

Categories may not add up because of rounding off

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	145.0	15.5	5.6	5.4	5.1	37.6	42.7	11.5	21.7	25.7	16.8	0
Belgium, Dutch-speaking *	181.3	14.1	11.0	7.9	3.1	34.9	38.0	14.6	33.1	32.0	20.5	10.0
Belgium, French-speaking *	198.7	22.2	9.3	10.0	6.0	45.1	51.1	34.9	10.3	51.7	9.1	0
Denmark	126.0	12.0	5.7	7.2	10.4	17.7	28.1	9.2	0.4	29.7	33.6	0
Finland	79.7	12.5	5.1	6.0	11.3	15.0	26.3	4.4	1.6	12.2	11.5	0
France (16 of 26 regions) §	136.3	19.7	5.4	8.9			29.3	31.9	1.8	22.3	17.0	0
Greece	182.4	14.6	9.5	8.2	2.2	48.4	50.6	20.0	4.4	15.8	59.3	0
Iceland	111.5	21.1	0	15.3	9.9	9.1	19.1	13.0	24.3	7.3	11.5	0
Italy (12 of 20 regions) †	126.6	14.5	6.5	7.1			24.5	20.6	7.9	16.9	26.8	1.8
Norway	121.6	20.6	7.5	10.0	6.8	15.6	22.4	35.5	1.2	21.6	2.7	0
Romania	114.5	16.4	11.7	4.0			14.8	5.6	0.5	15.4	46.1	0
Spain, Andalusia	128.6	14.8	7.7	9.0			29.9	16.7	8.6	13.8	28.0	0
Spain, Asturias	112.1	14.6	7.0	10.6	5.4	19.4	24.8	11.0	4.8	18.2	21.1	0
Spain, Basque country	117.5	16.0	5.5	5.8	4.1	18.6	22.6	17.1	7.2	18.7	24.5	0
Spain, Canary Islands	193.0						85.8				107.3	0
Spain, Cantabria *	102.3	26.6	4.9	12.8	4.7	14.8	19.5	12.4	13.4	9.6	3.2	0
Spain, Castile and Leon *	96.3	16.3	7.9	5.6	10.9	14.2	25.0	13.8	2.6	13.6	11.5	0
Spain, Castile-La Mancha *	93.1	12.3	8.8	5.8			17.8	7.4	1.0	13.2	26.9	0
Spain, Catalonia	142.3	18.0	9.7	10.2	3.0	26.1	29.4	16.1	5.7	17.7	35.5	0
Spain, Extremadura	100.4	15.2	5.2	7.9			23.7	10.2	2.2	9.3	26.8	0
Spain, Galicia	111.9	12.8	6.3	8.1			23.5	14.0	3.4	15.4	28.4	0
Spain, Valencian region	139.3	14.0	11.3	8.9			24.6	25.6	8.7	14.5	31.7	0
Sweden	119.3	16.3	2.9	9.2	13.1	17.1	30.2	12.9	6.4	20.0	21.5	0
The Netherlands	125.3	9.4	5.7	6.0	3.5	14.6	18.1	14.8	17.6	23.9	14.7	15.2
United Kingdom, All countries *	108.5	12.2	6.7	6.4			24.6	6.5	4.5	16.7	20.1	10.9
United Kingdom, England *	109.5	12.1	6.5	6.2	10.9	13.5	24.4	7.0	4.0	16.5	20.3	12.4
United Kingdom, Northern Ireland *	100.6	10.8	6.8	6.7			23.7	6.4	7.3	19.3	19.5	0
United Kingdom, Scotland	104.1	13.2	9.0	7.7			25.2	4.5	7.0	20.5	16.7	0.3
United Kingdom, Wales *	110.6	11.9	7.8	6.6	17.5	8.6	26.1	2.1	7.2	15.6	23.3	9.9

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

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	All	Men	Women	All	Men	Women	All	Men	Women										
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%									
Austria	1132	712	420	18	2	11	2	7	2	114	10	71	10	43	10	381	34	261	37	120	29	324	29	200	28	124	30	295	26	169	24	126	30	
Belgium, Dutch-speaking * ‡	1119	697	423							85	8	51	7	34	8	264	24	175	25	89	21	306	27	203	29	102	24	464	41	268	38	197	47	
Belgium, French-speaking *	830	502	328							89	11	59	12	30	9	264	32	161	32	103	31	191	23	115	23	76	23	286	34	167	33	119	36	
Denmark ‡	659	415	244	19	3	10	2	9	4	97	15	60	14	37	15	210	32	143	34	68	28	173	26	111	27	62	25	160	24	91	22	68	28	
Finland ‡	432	280	152	7	2	5	2	2	1	65	15	41	15	24	16	177	41	116	41	61	40	114	26	74	27	40	26	69	16	44	16	25	16	
France (16 of 26 regions) ‡ §	4995	3158	1837	72	1	42	1	30	2	494	10	300	10	194	11	1351	27	853	27	499	27	1143	23	762	24	381	21	1935	39	1201	38	733	40	
Greece	2071	1328	743	16	1	7	1	9	1	156	8	103	8	53	7	536	26	374	28	162	22	591	29	388	29	203	27	772	37	456	34	316	43	
Iceland	27	18	9	0	0	0	0	0	0	4	15	4	22	0	0	6	22	2	11	4	44	9	33	5	28	4	44	8	30	7	39	1	11	
Italy (12 of 20 regions) ‡ †	4130	2626	1504	23	1	14	1	9	1	396	10	250	10	146	10	1066	26	691	26	375	25	1115	27	741	28	374	25	1530	37	930	35	600	40	
Norway	527	358	169	12	2	6	2	6	4	70	13	45	13	25	15	179	34	120	34	59	35	125	24	91	25	34	20	141	27	96	27	45	27	
Romania	2188	1246	942	28	1	14	1	14	1	405	19	236	19	169	18	964	44	554	44	410	44	544	25	300	24	244	26	247	11	142	11	105	11	
Spain, Andalusia	975	615	360	11	1	8	1	3	1	128	13	80	13	48	13	353	36	227	37	126	35	248	25	164	27	84	23	235	24	136	22	99	28	
Spain, Asturias ‡	132	83	48	2	2	1	1	1	2	18	14	8	10	10	21	53	40	39	46	14	29	23	17	13	15	10	21	36	27	23	28	13	27	
Spain, Basque country	271	189	82	7	3	3	2	4	5	28	10	19	10	9	11	81	30	61	32	20	24	81	30	56	30	25	30	74	27	50	26	24	29	
Spain, Canary Islands	343	230	113	1	0	1	0	0	0	41	12	27	12	14	12	119	35	91	40	28	25	111	32	71	31	40	35	71	21	40	17	31	27	
Spain, Cantabria *	60	46	14							8	13	6	13	2	14	28	47	20	43	8	57	15	25	12	26	3	21	9	15	8	17	1	7	
Spain, Castile and Leon *	291	206	85							30	10	19	9	11	13	75	26	55	27	20	24	79	27	53	26	26	31	107	37	79	38	28	33	
Spain, Castile-La Mancha *	192	119	73							25	13	16	13	9	12	61	32	41	34	20	27	41	21	25	21	16	22	65	34	37	31	28	38	
Spain, Catalonia ‡	1017	656	361	19	2	12	2	7	2	143	14	83	13	60	17	301	30	199	30	102	28	235	23	156	24	79	22	319	31	206	31	113	31	
Spain, Extremadura ‡	114	68	45	1	1	1	1	0	0	9	8	6	9	3	7	37	32	24	35	13	29	32	28	20	29	12	26	35	31	18	26	17	38	
Spain, Galicia ‡	366	243	123	2	1	1	0	1	1	34	9	19	8	14	12	115	31	84	35	31	25	101	27	61	25	40	33	115	31	78	32	37	30	
Spain, Valencian region	691	446	245	6	1	4	1	2	1	74	11	40	9	34	14	200	29	144	32	56	23	165	24	106	24	59	24	246	36	152	34	94	38	
Sweden	1064	695	369	23	2	13	2	10	3	142	13	85	12	57	15	330	31	212	31	118	32	283	27	205	29	78	21	286	27	180	26	106	29	
The Netherlands	1865	1161	704	41	2	26	2	15	2	210	11	123	11	87	12	601	32	381	33	220	31	448	24	283	24	165	23	565	30	348	30	217	31	
United Kingdom, All countries * ‡	6204	3820	2384							1085	17	645	17	441	18	2110	34	1247	33	862	36	1484	24	936	25	548	23	1525	25	992	26	533	22	
United Kingdom, England * ‡	5246	3228	2018							923	18	546	17	377	19	1820	35	1073	33	748	37	1244	24	786	24	458	23	1259	24	824	26	436	22	
United Kingdom, Northern Ireland * ‡	156	97	58							27	17	17	10	17	41	27	26	27	15	26	40	26	22	23	18	30	47	30	32	33	16	27		
United Kingdom, Scotland	491	303	188	15	3	7	2	8	4	87	18	49	16	38	20	160	33	100	33	60	32	123	25	81	27	42	22	106	22	66	22	40	21	
United Kingdom, Wales * ‡	331	202	129							49	15	34	17	16	12	91	28	49	24	42	32	80	24	48	24	32	25	110	33	70	35	40	31	

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Austria	100	63.8	15.9	66.6	62.9	63.0	15.5	65.4	37.1	65.2	16.4	69.0
Belgium, Dutch-speaking * ‡	100	69.2	14.3	72.8	62.2	69.0	13.7	72.2	37.8	69.5	15.2	73.6
Belgium, French-speaking *	100	66.4	15.1	68.6	60.5	65.9	15.3	68.0	39.5	67.2	14.7	69.8
Denmark ‡	100	62.2	17.8	65.7	63.0	61.9	17.6	65.1	37.0	62.7	18.2	66.7
Finland ‡	100	60.5	15.5	62.6	64.8	61.1	15.3	62.7	35.2	59.5	15.8	61.5
France (16 of 26 regions) ‡ §	100	66.6	16.8	70.6	63.2	66.8	16.5	70.8	36.8	66.3	17.2	70.1
Greece	100	67.9	14.9	71.4	64.1	67.2	14.6	70.5	35.9	69.2	15.4	73.0
Iceland	100	65.6	13.5	69.5	66.7	66.2	15.7	71.1	33.3	64.2	8.1	65.5
Italy (12 of 20 regions) ‡ †	100	67.3	15.2	70.6	63.6	67.0	15.1	70.2	36.4	67.8	15.3	71.3
Norway	100	62.5	17.2	65.0	67.9	63.3	16.4	65.7	32.1	60.8	18.9	64.3
Romania	100	57.9	15.2	59.8	56.9	57.7	15.2	59.5	43.1	58.1	15.1	60.4
Spain, Andalusia	100	62.3	15.9	64.9	63.1	61.7	15.9	64.6	36.9	63.2	15.9	65.2
Spain, Asturias ‡	100	62.0	15.4	62.4	63.3	61.7	15.4	61.3	36.7	62.4	15.5	63.2
Spain, Basque country	100	63.6	16.9	68.0	69.7	63.6	16.0	67.2	30.3	63.6	19.0	69.1
Spain, Canary Islands	100	63.3	14.2	66.0	67.1	62.3	13.6	64.5	32.9	65.3	15.1	71.0
Spain, Cantabria *	100	59.9	14.0	60.7	76.7	60.6	13.8	62.0	23.3	57.6	14.8	52.1
Spain, Castile and Leon *	100	67.0	14.3	71.8	70.8	67.1	14.2	72.0	29.2	66.7	14.5	71.7
Spain, Castile-La Mancha *	100	64.2	15.0	67.3	62.0	63.6	15.0	66.4	38.0	65.2	15.2	69.9
Spain, Catalonia ‡	100	63.6	16.8	67.3	64.5	63.9	16.7	67.6	35.5	63.0	17.2	66.5
Spain, Extremadura ‡	100	65.9	13.8	69.0	60.1	65.2	13.9	68.6	39.9	67.0	13.9	69.7
Spain, Galicia ‡	100	65.8	14.2	68.2	66.4	66.3	13.5	69.1	33.6	64.8	15.6	67.9
Spain, Valencian region	100	65.4	15.8	69.7	64.5	65.5	15.2	69.0	35.5	65.3	16.8	71.3
Sweden	100	63.0	17.0	66.3	65.3	63.6	16.5	67.1	34.7	61.9	17.8	64.8
The Netherlands	100	63.7	16.7	66.8	62.3	63.7	16.5	66.9	37.7	63.5	17.0	66.7
United Kingdom, All countries * ‡	100	62.0	16.2	64.7	61.6	62.5	16.2	65.2	38.4	61.2	16.1	63.8
United Kingdom, England * ‡	100	61.8	16.1	64.4	61.5	62.4	16.1	65.1	38.5	60.9	16.1	63.3
United Kingdom, Northern Ireland * ‡	100	61.9	16.6	65.7	62.5	61.9	16.7	65.2	37.5	62.0	16.5	66.0
United Kingdom, Scotland	100	60.0	18.1	63.3	61.7	60.7	17.7	63.0	38.3	58.7	18.8	63.4
United Kingdom, Wales * ‡	100	65.4	16.3	68.9	61.0	65.9	16.8	71.2	39.0	64.5	15.4	66.1

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

Percentages are row percentages

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

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	135.5	175.0	98.0	10.2	12.2	8.1	38.6	47.9	29.3	174.0	241.0	108.5	412.5	549.9	294.0	443.3	722.1	292.1
Belgium, Dutch-speaking * ‡	179.7	226.6	133.9				42.0	49.5	34.3	154.8	203.2	105.6	535.5	748.7	342.0	836.7	1234.9	581.5
Belgium, French-speaking *	181.8	226.6	139.6				56.9	75.2	38.5	224.5	278.3	172.4	553.1	735.9	401.9	757.8	1255.2	487.0
Denmark ‡	118.2	150.1	86.8	13.9	14.3	13.5	53.3	65.3	41.1	140.4	189.5	90.7	342.5	457.4	236.0	412.8	606.4	289.3
Finland ‡	81.0	107.1	55.9	5.7	8.0	3.3	38.7	47.8	29.3	115.5	152.1	79.1	239.1	336.4	155.6	162.3	292.4	91.3
France (16 of 26 regions) ‡ §	135.7	177.0	96.8	8.0	9.2	6.9	42.2	51.4	33.0	140.3	181.1	101.3	370.8	533.4	230.4	566.0	947.7	341.0
Greece	183.6	237.7	130.5	7.3	6.2	8.5	38.5	49.4	27.0	183.5	260.8	108.9	530.9	773.5	331.9	765.2	1048.9	550.4
Iceland	84.8	111.8	57.1	0	0	0	35.0	68.0	0	78.7	51.5	107.1	465.2	532.8	401.5	437.8	895.1	95.7
Italy (12 of 20 regions) ‡ †	139.3	181.9	98.8	4.2	5.0	3.4	38.8	48.3	29.0	135.2	178.0	93.6	360.1	513.3	226.4	508.5	823.1	319.2
Norway	109.1	148.5	69.9	9.7	9.5	10.0	42.5	53.5	31.0	145.3	191.5	97.5	347.0	525.6	181.8	398.8	704.8	207.0
Romania	103.9	121.5	87.2	6.2	6.1	6.4	49.1	56.1	41.7	186.3	223.8	152.0	300.2	389.8	234.1	186.2	282.3	127.5
Spain, Andalusia	116.9	148.9	85.6	6.0	8.4	3.3	39.0	47.8	29.9	178.9	232.3	126.5	385.2	550.9	242.7	395.4	588.1	272.7
Spain, Asturias ‡	121.3	160.0	85.6	13.1	12.7	13.4	47.0	41.3	53.0	168.6	254.6	87.2	219.1	265.3	180.6	272.5	470.4	156.2
Spain, Basque country	124.6	177.7	73.8	18.8	15.7	22.2	35.5	47.0	23.4	134.7	206.5	65.4	405.7	605.7	233.2	345.9	623.3	179.5
Spain, Canary Islands	162.5	217.9	107.0	2.3	4.6	0	46.2	59.8	32.1	228.9	347.9	108.4	708.0	945.1	489.8	583.4	812.2	427.9
Spain, Cantabria *	101.6	159.0	46.4				36.3	53.4	18.5	175.4	252.4	99.5	306.6	527.2	114.7	150.1	356.3	26.7
Spain, Castile and Leon *	113.6	162.1	65.8				33.6	41.2	25.5	111.0	158.8	60.7	315.8	448.0	197.2	328.1	605.6	143.1
Spain, Castile-La Mancha *	91.9	112.8	70.6				30.8	37.5	23.3	128.6	168.7	86.4	248.0	323.9	181.6	322.0	440.5	237.5
Spain, Catalonia ‡	136.0	176.7	95.9	13.0	15.9	9.9	48.0	53.5	42.0	165.8	222.3	110.7	397.7	567.4	250.1	509.6	869.0	290.3
Spain, Extremadura ‡	102.9	124.6	81.5	4.4	8.6	0	22.6	29.4	15.4	135.8	170.8	98.9	324.9	437.3	227.4	312.0	398.7	255.4
Spain, Galicia ‡	131.0	180.2	85.0	4.5	4.4	4.7	33.6	38.3	28.8	155.5	231.9	81.8	348.6	458.0	255.9	352.7	633.4	182.0
Spain, Valencian region	135.6	175.7	95.8	6.0	7.7	4.1	36.9	38.4	35.2	160.3	234.0	88.6	375.6	509.4	255.2	621.0	972.4	392.0
Sweden	114.4	150.2	79.0	10.5	11.6	9.4	46.7	54.7	38.3	137.4	175.1	99.0	325.4	483.6	175.0	358.3	568.2	220.2
The Netherlands	112.8	141.9	84.3	10.4	12.9	7.8	38.1	44.4	31.8	131.1	165.2	96.5	326.3	426.7	232.5	499.0	814.8	307.8
United Kingdom, All countries * ‡	100.4	125.8	75.9				51.0	60.3	41.7	134.7	161.9	108.3	281.2	372.9	198.0	315.9	519.0	182.8
United Kingdom, England * ‡	101.3	126.5	76.7				51.4	60.4	42.4	139.5	166.9	112.9	284.0	376.4	199.8	310.6	510.3	178.5
United Kingdom, Northern Ireland * ‡	87.0	110.8	64.1				43.1	54.3	31.9	97.1	125.9	69.3	286.7	340.4	239.1	412.0	728.0	219.4
United Kingdom, Scotland	94.5	120.5	70.2	12.7	11.6	13.9	49.7	56.6	43.0	114.3	147.2	83.3	261.7	372.6	166.3	266.0	437.1	161.6
United Kingdom, Wales * ‡	110.2	137.6	84.1				52.2	71.7	32.9	114.9	127.3	103.0	276.8	347.7	211.1	425.7	684.8	255.6

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Austria	135.5	100	15.1	11.1	5.5	4.1	5.6	4.2	5.3	3.9	35.9	26.5	41.2	30.4	10.9	8.0	19.7	14.6	22.1	16.3	15.3	11.3	0	0
Belgium, Dutch-speaking * ‡	179.7	100	13.6	7.6	10.5	5.9	8.5	4.7	3.4	1.9	35.7	19.9	39.1	21.8	15.2	8.5	32.1	17.9	29.5	16.4	20.3	11.3	10.7	6.0
Belgium, French-speaking *	181.8	100	20.6	11.3	8.3	4.6	10.1	5.5	5.5	3.0	41.8	23.0	47.3	26.0	33.3	18.3	9.0	4.9	45.1	24.8	8.1	4.5	0	0
Denmark ‡	118.2	100	11.8	10.0	5.7	4.9	7.2	6.1	9.7	8.2	15.4	13.0	25.1	21.2	8.6	7.3	0.4	0.3	28.4	24.0	31.1	26.3	0	0
Finland ‡	81.0	100	12.5	15.4	4.6	5.6	6.6	8.1	11.2	13.9	15.8	19.5	27.0	33.4	4.4	5.5	1.4	1.8	12.7	15.7	11.7	14.5	0	0
France (16 of 26 regions) ‡ §	135.7	100	19.3	14.2	5.4	4.0	9.0	6.6					29.0	21.4	33.7	24.8	1.9	1.4	20.9	15.4	16.6	12.2	0	0
Greece	183.6	100	15.1	8.2	9.4	5.1	8.6	4.7	2.3	1.3	48.8	26.6	51.1	27.9	21.4	11.7	4.7	2.6	15.2	8.3	58.1	31.6	0	0
Iceland	84.8	100	12.6	14.8	0	0	12.6	14.8	9.4	11.1	6.3	7.4	15.7	18.5	9.4	11.1	18.8	22.2	6.3	7.4	9.4	11.1	0	0
Italy (12 of 20 regions) ‡ †	139.3	100	15.4	11.1	7.3	5.2	7.6	5.5					27.4	19.7	23.7	17.0	9.4	6.8	17.2	12.3	29.5	21.1	1.8	1.3
Norway	109.1	100	19.7	18.0	6.6	6.1	8.9	8.2	6.2	5.7	13.7	12.5	19.9	18.2	30.9	28.3	1.0	0.9	19.7	18.0	2.5	2.3	0	0
Romania	103.9	100	15.9	15.3	10.6	10.2	3.8	3.6					13.9	13.3	5.0	4.8	0.5	0.5	14.0	13.5	40.3	38.8	0	0
Spain, Andalusia	116.9	100	14.2	12.1	7.1	6.1	8.0	6.9					27.0	23.1	15.4	13.1	7.4	6.4	12.1	10.4	25.8	22.1	0	0
Spain, Asturias ‡	121.3	100	14.1	11.6	7.4	6.1	12.0	9.9	5.2	4.3	22.7	18.7	27.9	23.0	12.3	10.1	6.4	5.3	18.1	14.9	23.0	19.0	0	0
Spain, Basque country	124.6	100	16.5	13.3	6.0	4.8	6.4	5.2	4.6	3.7	19.8	15.9	24.4	19.6	18.4	14.8	8.3	6.6	18.8	15.1	25.7	20.7	0	0
Spain, Canary Islands	162.5	100											70.1	43.1					92.4	56.9	0	0		
Spain, Cantabria *	101.6	100	25.4	25.0	5.1	5.0	13.5	13.3	5.1	5.0	15.2	15.0	20.3	20.0	11.8	11.7	13.5	13.3	8.5	8.3	3.4	3.3	0	0
Spain, Castile and Leon *	113.6	100	18.0	15.8	9.8	8.6	6.2	5.5	11.3	10.0	16.8	14.8	28.1	24.7	17.2	15.1	3.9	3.4	15.2	13.4	15.2	13.4	0	0
Spain, Castile-La Mancha *	91.9	100	13.4	14.6	9.1	9.9	6.2	6.8					15.8	17.2	5.7	6.3	1.4	1.6	12.0	13.0	28.2	30.7	0	0
Spain, Catalonia ‡	136.0	100	17.9	13.1	9.8	7.2	10.0	7.3	3.1	2.3	24.4	18.0	27.8	20.4	14.8	10.9	5.7	4.2	16.2	11.9	33.9	24.9	0	0
Spain, Extremadura ‡	102.9	100	14.2	13.8	6.3	6.2	8.1	7.9					24.1	23.5	10.9	10.6	2.7	2.6	9.1	8.8	27.5	26.7	0	0
Spain, Galicia ‡	131.0	100	13.6	10.4	7.5	5.7	8.5	6.5					26.1	19.9	16.2	12.4	4.6	3.5	17.9	13.6	36.6	27.9	0	0
Spain, Valencian region	135.6	100	14.1	10.4	10.8	8.0	8.6	6.4					24.1	17.8	24.9	18.4	8.8	6.5	13.5	10.0	30.6	22.6	0	0
Sweden	114.4	100	15.4	13.4	3.0	2.6	9.4	8.2	12.3	10.7	16.6	14.5	28.8	25.2	13.3	11.7	6.2	5.5	17.9	15.6	20.4	17.9	0	0
The Netherlands	112.8	100	8.9	7.9	5.3	4.7	6.0	5.4	3.4	3.0	13.9	12.3	17.3	15.3	13.7	12.1	15.8	14.0	20.0	17.7	13.3	11.8	12.5	11.1
United Kingdom, All countries * ‡	100.4	100	11.7	11.6	6.5	6.4	6.3	6.3					22.9	22.8	6.3	6.3	4.0	3.9	14.9	14.9	18.4	18.4	9.4	9.4
United Kingdom, England * ‡	101.3	100	11.7	11.5	6.3	6.2	6.2	6.1	10.3	10.2	12.7	12.5	23.0	22.7	6.8	6.7	3.5	3.5	14.7	14.5	18.6	18.3	10.6	10.5
United Kingdom, Northern Ireland * ‡	87.0	100	10.1	11.6	6.1	7.1	6.1	7.1					21.2	24.4	5.6	6.4	6.1	7.1	15.8	18.2	15.8	18.2	0	0
United Kingdom, Scotland	94.5	100	12.5	13.2	8.1	8.6	7.1	7.5					22.9	24.2	4.2	4.5	6.0	6.3	17.9	18.9	15.6	16.5	0.2	0.2
United Kingdom, Wales * ‡	110.2	100	12.7	11.5	8.4	7.7	7.1	6.5	16.1	14.6	6.7	6.0	22.8	20.7	2.3	2.1	7.6	6.9	15.6	14.1	23.6	21.4	10.2	9.3

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, (complete) data are unavailable

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	Total	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	133.5	14.8	5.4	5.4	5.2	35.6	40.7	10.7	19.7	21.9	14.7	0
Belgium, Dutch-speaking * ‡	162.4	12.9	9.6	7.9	3.1	32.3	35.4	13.4	27.6	27.4	18.4	9.8
Belgium, French-speaking *	184.0	21.2	8.6	9.7	5.7	42.8	48.5	32.6	8.8	46.2	8.3	0
Denmark ‡	118.9	11.8	5.7	7.2	9.7	15.4	25.1	8.4	0.4	28.6	31.7	0
Finland ‡	77.8	12.3	4.7	6.1	11.3	14.5	25.8	4.2	1.5	12.2	11.2	0
France (16 of 26 regions) ‡ §	127.0	18.8	5.2	8.8			27.7	29.6	1.7	20.1	15.2	0
Greece	164.2	14.2	8.3	8.1	2.2	43.4	45.6	19.0	4.2	13.7	51.2	0
Iceland	106.3	16.2	0	15.3	9.9	9.1	19.1	12.6	24.3	7.3	11.5	0
Italy (12 of 20 regions) ‡ †	118.1	14.1	6.2	6.8			23.3	19.1	7.3	15.0	24.8	1.5
Norway	114.3	20.2	7.1	9.4	6.4	14.7	21.0	32.9	1.2	20.1	2.4	0
Romania	106.7	16.0	10.9	3.8			14.1	5.3	0.6	14.3	41.7	0
Spain, Andalusia	125.0	14.7	7.5	8.6			29.4	16.6	8.1	12.7	27.3	0
Spain, Asturias ‡	102.2	12.5	7.0	10.6	4.5	18.3	22.8	9.5	4.8	17.1	18.3	0
Spain, Basque country	113.6	15.8	5.5	5.8	4.1	18.0	22.1	15.8	7.2	18.2	23.0	0
Spain, Canary Islands	181.7						81.4				100.3	0
Spain, Cantabria *	94.8	23.3	4.9	12.8	4.7	14.8	19.5	10.6	12.7	8.0	3.2	0
Spain, Castile and Leon *	91.9	15.7	7.9	5.6	10.5	13.1	23.6	12.7	2.6	13.0	10.9	0
Spain, Castile-La Mancha *	91.1	13.3	9.3	5.9			16.4	5.6	1.3	12.2	27.2	0
Spain, Catalonia ‡	135.9	17.9	9.7	10.1	3.0	25.2	28.6	14.5	5.6	16.5	33.0	0
Spain, Extremadura ‡	96.8	14.5	5.2	7.9			22.5	10.3	2.2	9.3	25.3	0
Spain, Galicia ‡	109.8	12.7	6.3	7.7			22.4	13.1	3.4	15.4	28.8	0
Spain, Valencian region	134.6	13.9	10.7	8.6			24.4	24.4	8.6	13.5	30.5	0
Sweden	108.2	15.3	2.8	9.2	12.1	15.4	27.5	12.0	5.7	17.1	18.8	0
The Netherlands	115.5	8.9	5.5	5.9	3.4	14.1	17.5	14.1	16.7	20.1	13.7	12.9
United Kingdom, All countries * ‡	101.3	11.8	6.4	6.5			23.4	6.3	4.0	15.0	18.4	9.5
United Kingdom, England * ‡	102.5	11.8	6.2	6.4	10.6	13.0	23.6	6.8	3.6	14.8	18.5	10.7
United Kingdom, Northern Ireland * ‡	97.3	10.8	6.8	6.7			23.9	6.4	7.4	17.5	17.6	0
United Kingdom, Scotland	93.4	12.4	8.0	7.0			22.7	4.0	5.9	17.8	15.5	0.2
United Kingdom, Wales * ‡	104.7	11.9	8.3	7.1	15.3	6.7	21.7	2.1	7.0	15.3	21.7	9.7

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

Categories may not add up because of rounding off

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

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		N	N	N	N	N	N	N	N	N	N	N	N	N	N		
Austria	1132	873	0	1	1	98	973	46	71	0	117	27	15	0	42	0	0
Belgium, Dutch-speaking * ‡	1119	628	5	70	2	254	958	99	51	2	152	3	6	0	9	0	0
Belgium, French-speaking *	830	645	6	0	3	46	700	70	44	0	114	7	9	0	16	0	0
Denmark ‡	659	414	1	0			415	117	80	0	197	33	15	0	48	0	0
Finland ‡	432	280	8	0	0	4	292	79	59	0	139	0	1	0	1	0	0
France (16 of 26 regions) ‡ §	4995	3840	0	3	5	295	4143	227	413	0	640	34	179	0	213	0	0
Greece	2071	1802	0	0	0	81	1883	77	104	0	181	6	1	0	7	0	0
Iceland	27	20	0	0			20			4	4	3	0	0	3	0	0
Italy (12 of 20 regions) ‡ †	4130	2425	0	810	46	169	3451	268	344	0	612	12	54	0	67	0	0
Norway	527	324	0	0			324			110	110	49	44	0	93	0	0
Romania	2188	1896	0	0	2	6	1904	12	220	0	232	39	6	7	52	0	0
Spain, Andalusia	975	830	0	0			830			118	118			27	27	0	0
Spain, Asturias ‡	132	106	0	0			106	0	24	0	24	0	2	0	2	0	0
Spain, Basque country	271	202	0	0			202	0	64	0	64	0	5	0	5	0	0
Spain, Canary Islands	343	299	0	0			299	0	43	0	43	0	1	0	1	0	0
Spain, Cantabria *	60	40	0	0			40	0	17	0	17	0	3	0	3	0	0
Spain, Castile and Leon *	291	228	0	0			228	32	29	0	61	0	2	0	2	0	0
Spain, Castile-La Mancha *	192	165	0	0			165	1	18	0	19			8	8	0	0
Spain, Catalonia ‡	1017	660	1	0		154	815	38	78	0	116	57	28	0	86	0	0
Spain, Extremadura ‡	114	91	0	0	0	0	91	9	14	0	23	0	0	0	0	0	0
Spain, Galicia ‡	366	297	0	0			297	17	45	0	62	0	4	2	7	0	0
Spain, Valencian region	691	615	0	0			615	12	53	0	65	1	10	0	11	0	0
Sweden	1064	0	3	620			623			364	364	60	17	0	77	0	0
The Netherlands	1865	1328	0	0			1328	91	253	0	344	166	25	2	193	0	0
United Kingdom, All countries * ‡	6204	4401	59	43	1	79	4583	510	665	13	1187	179	106	128	412	22	0
United Kingdom, England * ‡	5246	3625	56	40	1	79	3802	436	599	13	1047	161	88	126	375	22	0
United Kingdom, Northern Ireland * ‡	156	137	0	0	0	0	137	13	0	0	13	2	3	1	6	0	0
United Kingdom, Scotland	491	389	0	0			389	56	27	0	83	8	10	1	19	0	0
United Kingdom, Wales * ‡	331	258	3	3	0	0	264	8	45	0	53	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

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

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	135.5	104.5	0	0.1	0.1	11.7	116.5	5.5	8.5	0	14.0	3.2	1.8	0	5.0	0	0
Belgium, Dutch-speaking * ‡	179.7	100.7	0.8	11.2	0.3	40.8	153.8	15.9	8.1	0.3	24.3	0.5	1.0	0	1.5	0	0
Belgium, French-speaking *	181.8	141.3	1.3	0	0.7	10.1	153.3	15.3	9.6	0	25.0	1.5	2.0	0	3.5	0	0
Denmark ‡	118.2	74.2	0.2	0			74.4	20.9	14.3	0	35.2	5.9	2.7	0	8.5	0	0
Finland ‡	81.0	52.5	1.5	0	0	0.7	54.8	14.9	11.1	0	26.0	0	0.2	0	0.2	0	0
France (16 of 26 regions) ‡ §	135.7	104.3	0	0.1	0.1	8.0	112.6	6.2	11.2	0	17.4	0.9	4.9	0	5.8	0	0
Greece	183.6	159.7	0	0	0	7.2	166.9	6.8	9.2	0	16.0	0.5	0.1	0	0.6	0	0
Iceland	84.8	62.8	0	0			62.8			12.6	12.6	9.4	0	0	9.4	0	0
Italy (12 of 20 regions) ‡ †	139.3	81.8	0	27.3	1.6	5.7	116.4	9.0	11.6	0	20.6	0.4	1.8	0	2.2	0	0
Norway	109.1	67.1	0	0			67.1			22.8	22.8	10.1	9.1	0	19.3	0	0
Romania	103.9	90.1	0	0	0.1	0.3	90.4	0.6	10.5	0	11.0	1.9	0.3	0.3	2.5	0	0
Spain, Andalusia	116.9	99.6	0	0			99.6			14.2	14.2			3.2	3.2	0	0
Spain, Asturias ‡	121.3	97.4	0	0			97.4	0	21.8	0	21.8	0	2.1	0	2.1	0	0
Spain, Basque country	124.6	92.9	0	0			92.9	0	29.4	0	29.4	0	2.3	0	2.3	0	0
Spain, Canary Islands	162.5	141.6	0	0			141.6	0	20.4	0	20.4	0	0.5	0	0.5	0	0
Spain, Cantabria *	101.6	67.7	0	0			67.7	0	28.8	0	28.8	0	5.1	0	5.1	0	0
Spain, Castile and Leon *	113.6	89.0	0	0			89.0	12.5	11.3	0	23.8	0	0.8	0	0.8	0	0
Spain, Castile-La Mancha *	91.9	79.0	0	0			79.0	0.5	8.6	0	9.1			3.8	3.8	0	0
Spain, Catalonia ‡	136.0	88.2	0.1	0		20.6	109.0	5.1	10.5	0	15.6	7.7	3.8	0	11.5	0	0
Spain, Extremadura ‡	102.9	82.4	0	0	0	0	82.4	8.1	12.7	0	20.8	0	0	0	0	0	0
Spain, Galicia ‡	131.0	106.1	0	0			106.1	6.1	16.2	0	22.3	0.1	1.5	0.7	2.6	0	0
Spain, Valencian region	135.6	120.7	0	0			120.7	2.4	10.4	0	12.8	0.2	2.0	0	2.2	0	0
Sweden	114.4	0	0.3	66.7			67.0			39.1	39.1	6.5	1.8	0	8.3	0	0
The Netherlands	112.8	80.3	0	0			80.3	5.5	15.3	0	20.8	10.0	1.5	0.1	11.7	0	0
United Kingdom, All countries * ‡	100.4	71.2	0.9	0.7	0	1.3	74.2	8.2	10.8	0.2	19.2	2.9	1.7	2.1	6.7	0.4	0
United Kingdom, England * ‡	101.3	70.0	1.1	0.8	0	1.5	73.4	8.4	11.6	0.2	20.2	3.1	1.7	2.4	7.2	0.4	0
United Kingdom, Northern Ireland * ‡	87.0	76.8	0	0	0	0	76.8	7.5	0	0	7.5	1.1	1.7	0.6	3.4	0	0
United Kingdom, Scotland	94.5	74.9	0	0			74.9	10.8	5.2	0	16.0	1.5	1.9	0.2	3.7	0	0
United Kingdom, Wales * ‡	110.2	86.0	0.9	1.0	0	0	87.9	2.7	15.1	0	17.8	2.6	2.0	0	4.6	0	0

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

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

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		
Austria	133.5	102.8	0	0.1	0.1	11.7	114.7	5.5	8.4	0	13.9	3.2	1.7	0	4.9	0	0
Belgium, Dutch-speaking * ‡	162.4	90.1	0.8	10.0	0.3	36.4	138.0	14.9	7.8	0.3	23.0	0.5	1.0	0	1.4	0	0
Belgium, French-speaking *	184.0	142.7	1.3	0	0.6	10.2	154.9	15.9	9.5	0	25.4	1.6	2.1	0	3.7	0	0
Denmark ‡	118.9	75.3	0.2	0			75.5	20.9	14.2	0	34.8	5.8	2.5	0	8.4	0	0
Finland ‡	77.8	49.9	1.4	0	0	0.8	52.1	14.6	10.7	0	25.5	0	0.2	0	0.2	0	0
France (16 of 26 regions) ‡ §	127.0	97.9	0	0.1	0.1	7.5	105.6	6.0	10.1	0	16.1	1.0	5.0	0	6.0	2.2	0
Greece	164.2	142.2	0	0	0	6.5	148.7	6.5	8.3	0	14.9	0.5	0.1	0	0.6	0	0
Iceland	106.3	78.3	0	0			78.3			15.9	15.9	12.1	0	0	12.1	0	0
Italy (12 of 20 regions) ‡ †	118.1	68.4	0	23.1	1.3	5.0	97.9	8.1	10.0	0	18.1	0.4	1.7	0	2.1	0	0
Norway	114.3	70.7	0	0			70.7			23.9	23.9	10.2	9.5	0	19.7	0	0
Romania	106.7	92.8	0	0	0.1	0.3	93.2	0.6	10.6	0	11.2	1.7	0.3	0.3	2.3	0	0
Spain, Andalusia	125.0	107.1	0	0			107.1			14.6	14.6			3.3	3.3	0	0
Spain, Asturias ‡	102.2	80.4	0	0			80.4	0	20.7	0	20.7	0	1.8	0	1.8	0	0
Spain, Basque country	113.6	82.8	0	0			82.8	0	27.8	0	27.8	0	2.9	0	2.9	0	0
Spain, Canary Islands	181.7	159.3	0	0			159.3	0	21.8	0	21.8	0	0.6	0	0.6	0	0
Spain, Cantabria *	94.8	63.7	0	0			63.7	0	26.4	0	26.4	0	4.7	0	4.7	0	0
Spain, Castile and Leon *	91.9	70.9	0	0			70.9	11.1	9.3	0	20.4	0	0.7	0	0.7	0	0
Spain, Castile-La Mancha *	91.1	77.7	0	0			77.7	0.4	8.9	0	9.3			4.1	4.1	0	0
Spain, Catalonia ‡	135.9	88.5	0.1	0		20.3	109.0	5.2	10.5	0	15.7	7.5	4.0	0	11.4	0	0
Spain, Extremadura ‡	96.8	76.3	0	0	0	0	76.3	8.0	12.7	0	20.7	0	0	0	0	0	0
Spain, Galicia ‡	109.8	87.5	0	0			87.5	5.8	14.1	0	20.0	0.3	1.4	0.6	2.3	0	0
Spain, Valencian region	134.6	119.4	0	0			119.4	2.5	10.4	0	12.9	0.2	2.0	0	2.2	0	0
Sweden	108.2	0	0.3	62.5			62.8			36.9	36.9	6.7	1.9	0	8.5	0	0
The Netherlands	115.5	83.1	0	0			83.1	5.5	15.6	0	21.0	9.8	1.5	0.1	11.4	0	0
United Kingdom, All countries * ‡	101.3	71.6	1.0	0.7	0	1.3	74.6	8.4	10.9	0.2	19.5	3.0	1.8	2.1	6.9	0.4	0
United Kingdom, England * ‡	102.5	70.6	1.1	0.8	0	1.5	74.0	8.6	11.7	0.3	20.5	3.2	1.7	2.5	7.5	0.4	0
United Kingdom, Northern Ireland * ‡	97.3	86.0	0	0	0	0	86.0	7.1	0.7	0	7.1	1.2	1.8	0.5	3.5	0	0
United Kingdom, Scotland	93.4	73.8	0	0			73.8	10.7	5.2	0	15.9	1.5	1.9	0.2	3.7	0	0
United Kingdom, Wales * ‡	104.7	80.3	0.6	0.9	0	0	82.0	2.6	15.2	0	17.8	2.5	2.0	0	4.6	0	0

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

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

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx		
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	100	77.1	0	0.1	0.1	8.7	86.0	4.1	6.3	0	10.3	2.4	1.3	0	3.7	0	0
Belgium, Dutch-speaking * ‡	100	56.1	0.4	6.2	0.2	22.7	85.6	8.8	4.5	0.2	13.5	0.3	0.6	0	0.8	0	0
Belgium, French-speaking *	100	77.7	0.7	0	0.4	5.5	84.3	8.4	5.3	0	13.7	0.8	1.1	0	1.9	0	0
Denmark ‡	100	62.8	0.2	0			62.9	17.7	12.1	0	29.8	5.0	2.3	0	7.2	0	0
Finland ‡	100	64.8	1.9	0	0	0.9	67.6	18.4	13.7	0	32.1	0	0.2	0	0.2	0	0
France (16 of 26 regions) ‡ §	100	76.9	0	0.1	0.1	5.9	82.9	4.5	8.3	0	12.8	0.7	3.6	0	4.3	0	0
Greece	100	87.0	0	0	0	3.9	90.9	3.7	5.0	0	8.7	0.3	0	0	0.3	0	0
Iceland	100	74.1	0	0			74.1			14.8	14.8	11.1	0	0	11.1	0	0
Italy (12 of 20 regions) ‡ †	100	58.7	0	19.6	1.1	4.1	83.6	6.5	8.3	0	14.8	0.3	1.3	0	1.6	0	0
Norway	100	61.5	0	0			61.5			20.9	20.9	9.3	8.3	0	17.6	0	0
Romania	100	86.7	0	0	0.1	0.3	87.0	0.5	10.1	0	10.6	1.8	0.3	0.3	2.4	0	0
Spain, Andalusia	100	85.1	0	0			85.1			12.1	12.1			2.8	2.8	0	0
Spain, Asturias ‡	100	80.3	0	0			80.3	0	18.0	0	18.0	0	1.8	0	1.8	0	0
Spain, Basque country	100	74.5	0	0			74.5	0	23.6	0	23.6	0	1.8	0	1.8	0	0
Spain, Canary Islands	100	87.2	0	0			87.2	0	12.5	0	12.5	0	0.3	0	0.3	0	0
Spain, Cantabria *	100	66.7	0	0			66.7	0	28.3	0	28.3	0	5.0	0	5.0	0	0
Spain, Castile and Leon *	100	78.4	0	0			78.4	11.0	10.0	0	21.0	0	0.7	0	0.7	0	0
Spain, Castile-La Mancha *	100	85.9	0	0			85.9	0.5	9.4	0	9.9			4.2	4.2	0	0
Spain, Catalonia ‡	100	64.9	0.1	0		15.2	80.1	3.7	7.7	0	11.4	5.6	2.8	0	8.4	0	0
Spain, Extremadura ‡	100	79.8	0	0	0	0	79.8	7.9	12.3	0	20.2	0	0	0	0	0	0
Spain, Galicia ‡	100	81.0	0	0			81.0	4.6	12.4	0	17.0	0.1	1.2	0.5	2.0	0	0
Spain, Valencian region	100	89.0	0	0			89.0	1.7	7.7	0	9.4	0.1	1.4	0	1.6	0	0
Sweden	100	0	0.3	58.3			58.6			34.2	34.2	5.6	1.6	0	7.2	0	0
The Netherlands	100	71.2	0	0			71.2	4.9	13.6	0	18.4	8.9	1.3	0.1	10.3	0	0
United Kingdom, All countries * ‡	100	70.9	0.9	0.7	0	1.3	73.9	8.2	10.7	0.2	19.1	2.9	1.7	2.1	6.6	0.4	0
United Kingdom, England * ‡	100	69.1	1.1	0.8	0	1.5	72.5	8.3	11.4	0.2	20.0	3.1	1.7	2.4	7.2	0.4	0
United Kingdom, Northern Ireland * ‡	100	88.2	0	0	0	0	88.2	8.6	0	0	8.6	1.3	1.9	0.6	3.9	0	0
United Kingdom, Scotland	100	79.2	0	0			79.2	11.4	5.5	0	16.9	1.6	2.0	0.2	3.9	0	0
United Kingdom, Wales * ‡	100	78.0	0.8	0.9	0	0	79.7	2.4	13.7	0	16.1	2.3	1.8	0	4.1	0	0

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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

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

	Total				0-19				20-44				45-64				65-74				75+				Men				Women				DM				Non DM			
	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth	HD	PD	Tx	Oth
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Austria	77	10	4	9	33	44	22	0	53	24	12	11	74	12	6	9	79	9	1	11	91	3	0	5	74	13	4	9	82	6	3	9	83	5	3	10	75	13	4	8
Belgium, Dutch-speaking * ‡	63	14	1	23					47	37	4	12	52	24	2	21	65	11	0	25	70	5	0	25	62	13	1	24	64	14	1	21	63	8	1	28	63	15	1	22
Belgium, French-speaking *	78	14	2	6					71	19	6	4	72	18	3	6	82	10	2	6	84	10	0	6	77	15	2	6	81	12	2	5	76	19	1	4	79	12	2	7
Denmark ‡	63	30	7	0	16	40	44	0	40	35	25	0	57	36	7	0	75	25	0	0	77	23	0	0	63	29	8	0	64	30	6	0	67	32	1	0	62	29	9	0
Finland ‡	67	32	0	1	25	60	15	0	43	55	0	2	67	33	0	0	75	22	0	3	79	21	0	0	66	32	0	2	67	33	0	0	68	31	0	1	66	33	0	1
France (16 of 26 regions) ‡ §	75	12	6	7	39	13	37	11	63	15	18	4	74	12	9	5	82	10	2	6	76	14	0	10	76	12	5	7	72	14	6	8	78	12	3	7	74	13	6	7
Greece	87	9	0	4	44	56	0	0	81	13	1	4	82	12	1	6	87	9	0	4	93	4	0	3	87	9	0	4	87	9	0	3	89	8	0	3	86	9	0	4
Iceland	74	15	11	0	0	0	0	0	75	25	0	0	67	0	33	0	78	11	11	0	75	25	0	0	83	17	0	0	56	11	33	0	80	20	0	0	73	14	14	0
Italy (12 of 20 regions) ‡ †	78	15	2	5	52	43	4	0	65	20	6	8	72	19	3	6	80	15	0	5	86	10	0	4	78	15	1	5	79	14	2	5	81	12	0	6	78	15	2	5
Norway	61	21	18	0	17	17	67	0	54	13	33	0	54	21	25	0	61	26	14	0	79	21	0	0	59	24	17	0	66	14	20	0	64	21	16	0	61	21	18	0
Romania	87	11	2	0	61	25	11	4	81	9	10	0	88	11	1	1	90	10	0	0	89	11	0	0	89	9	2	0	84	13	2	0	82	15	1	1	87	10	3	0
Spain, Andalusia	85	12	3	0	36	55	9	0	69	24	7	0	84	11	5	0	91	8	0	0	91	9	0	0	85	12	3	0	85	13	2	0	88	9	2	0	84	13	3	0
Spain, Asturias ‡	80	18	2	0	0	100	0	0	59	41	0	0	80	16	4	0	86	14	0	0	94	6	0	0	85	14	1	0	72	26	3	0	96	4	0	0	76	22	2	0
Spain, Basque country	75	24	2	0	14	43	43	0	50	43	7	0	72	28	0	0	75	25	0	0	92	8	0	0	74	24	2	0	77	22	1	0	89	11	0	0	71	27	2	0
Spain, Canary Islands	87	13	0	0	100	0	0	0	78	22	0	0	83	16	1	0	90	10	0	0	94	6	0	0	87	13	0	0	88	11	1	0	89	11	0	0	86	14	1	0
Spain, Cantabria *	67	28	5	0					38	50	13	0	54	39	7	0	93	7	0	0	89	11	0	0	67	26	7	0	64	36	0	0	83	8	8	0	63	33	4	0
Spain, Castile and Leon *	78	21	1	0					57	43	0	0	75	25	0	0	78	19	3	0	87	13	0	0	77	22	1	0	81	19	0	0	78	21	1	0	79	21	0	0
Spain, Castile-La Mancha *	86	10	4	0					68	24	8	0	79	16	5	0	93	0	7	0	95	5	0	0	87	8	4	0	84	12	4	0	97	3	0	0	84	11	5	0
Spain, Catalonia ‡	65	11	8	15	46	11	44	0	47	18	27	9	61	15	9	15	70	11	5	14	75	5	0	20	64	12	7	16	66	10	11	13	69	10	3	18	64	12	10	15
Spain, Extremadura ‡	80	20	0	0	0	100	0	0	63	37	0	0	72	28	0	0	81	19	0	0	93	7	0	0	77	23	0	0	84	16	0	0	88	13	0	0	77	23	0	0
Spain, Galicia ‡	81	17	2	0	33	67	0	0	54	29	17	0	76	24	0	0	86	13	1	0	91	9	0	0	81	17	2	0	80	17	2	0	86	13	1	0	80	18	2	0
Spain, Valencian region	89	9	2	0	17	67	17	0	80	16	4	0	82	16	3	0	94	5	1	0	96	4	0	0	87	11	2	0	92	7	1	0	95	5	0	0	88	10	2	0
Sweden	59	34	7	0	13	35	52	0	44	36	20	0	56	36	8	0	63	34	3	0	68	32	0	0	58	35	7	0	60	33	7	0	55	41	3	0	60	32	9	0
The Netherlands	71	18	10	0	41	29	29	0	56	20	23	0	61	22	17	0	75	18	7	0	87	13	0	0	71	18	10	0	71	18	10	0	82	16	2	0	69	19	12	0
United Kingdom, All countries * ‡	73	19	7	2					55	25	18	2	66	23	9	2	80	17	2	1	87	10	0	2	73	19	6	2	72	19	7	1	75	18	4	2	72	19	7	2
United Kingdom, England * ‡	71	20	7	2					53	26	18	2	64	24	10	2	79	18	2	2	86	12	0	2	71	20	7	2	70	20	8	2	73	19	5	3	70	20	8	2
United Kingdom, Northern Ireland * ‡	88	8	4	0					74	7	19	0	90	8	2	0	85	15	0	0	98	2	0	0	91	6	3	0	84	11	5	0	92	5	3	0	87	9	4	0
United Kingdom, Scotland	79	17	4	0	27	60	13	0	75	18	7	0	75	19	6	0	85	15	1	0	91	9	0	0	78	18	3	0	81	14	5	0	82	15	3	0	78	17	4	0
United Kingdom, Wales * ‡	80	16	4	0					51	28	21	0	74	22	4	0	83	18	0	0	95	5	0	0	78	17	5	0	82	15	3	0	85	15	0	0	78	17	5	0

Abbreviations used: HD: haemodialysis; PD: peritoneal dialysis; Tx: transplant; Oth: other (includes haemofiltration (HF), haemodiafiltration (HDF), and unknown); DM: diabetes mellitus
 Categories may not add up because of missing values or rounding off

Percentages are row percentages

* Patients younger than 20 years of age are not reported

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

	All			0-19						20-44						45-64						65-74						75+					
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women									
	N (100%)	N (100%)	N (100%)	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%								
Austria	8177	5022	3155	112	1	66	1	46	1	1337	16	794	16	543	17	3438	42	2208	44	1230	39	1991	24	1241	25	750	24	1299	16	713	14	586	19
Belgium, Dutch-speaking *	7110	4178	2932							837	12	494	12	343	12	2482	35	1522	36	960	33	1694	24	1012	24	682	23	2097	29	1150	28	947	32
Belgium, French-speaking *	5448	3307	2141							777	14	485	15	292	14	2111	39	1293	39	818	38	1160	21	698	21	462	22	1400	26	831	25	569	27
Denmark	4677	2865	1812	101	2	57	2	44	2	992	21	598	21	394	22	1898	41	1168	41	730	40	999	21	631	22	368	20	687	15	411	14	276	15
Finland	4166	2593	1573	118	3	67	3	51	3	727	17	456	18	271	17	1944	47	1221	47	723	46	866	21	540	21	326	21	511	12	309	12	202	13
France (16 of 26 regions) §	38387	23235	15152	458	1	256	1	202	1	6202	16	3771	16	2431	16	14579	38	8986	39	5593	37	7872	21	4817	21	3055	20	9275	24	5405	23	3870	26
Greece	12018	7648	4370	108	1	63	1	45	1	1743	15	1145	15	598	14	4148	35	2727	36	1421	33	3011	25	1900	25	1111	25	3008	25	1813	24	1195	27
Iceland	172	102	70	4	2	1	1	3	4	56	33	33	32	23	33	60	35	34	33	26	37	29	17	18	18	11	16	23	13	16	16	7	10
Italy (12 of 20 regions) † #	33569	21108	12461	182	1	108	1	74	1	4281	13	2686	13	1595	13	11199	33	7228	34	3971	32	8281	25	5332	25	2949	24	9626	29	5754	27	3872	31
Norway	4066	2629	1437	83	2	51	2	32	2	804	20	497	19	307	21	1681	41	1095	42	586	41	861	21	569	22	292	20	637	16	417	16	220	15
Romania	10792	5954	4838	119	1	62	1	57	1	2381	22	1372	23	1009	21	4978	46	2804	47	2174	45	2299	21	1201	20	1098	23	1015	9	515	9	500	10
Spain, Andalusia	8254	4904	3350	103	1	64	1	39	1	1660	20	1028	21	632	19	3338	40	2077	42	1261	38	1733	21	978	20	755	23	1420	17	757	15	663	20
Spain, Asturias	1075	673	402	7	1	5	1	2	0	174	16	104	15	70	17	440	41	299	44	141	35	222	21	129	19	93	23	232	22	136	20	96	24
Spain, Basque country	2318	1448	870	31	1	20	1	11	1	371	16	212	15	159	18	962	42	619	43	343	39	539	23	351	24	188	22	415	18	246	17	169	19
Spain, Canary Islands	2348	1507	841	8	0	6	0	2	0	463	20	295	20	168	20	945	40	634	42	311	37	556	24	355	24	201	24	376	16	217	14	159	19
Spain, Cantabria *	515	355	160							90	17	57	16	33	21	219	43	149	42	70	44	119	23	88	25	31	19	87	17	61	17	26	16
Spain, Castile and Leon *	2553	1652	901							387	15	252	15	135	15	965	38	635	38	330	37	545	21	356	22	189	21	656	26	409	25	247	27
Spain, Castile-La Mancha *	1909	1151	758							343	18	204	18	139	18	747	39	491	43	256	34	413	22	232	20	181	24	406	21	224	19	182	24
Spain, Catalonia	8671	5420	3251	93	1	57	1	36	1	1420	16	901	17	519	16	3284	38	2094	39	1190	37	1977	23	1233	23	744	23	1897	22	1135	21	762	23
Spain, Extremadura	1050	615	435	2	0	1	0	1	0	220	21	135	22	85	20	414	39	261	42	153	35	212	20	119	19	93	21	202	19	99	16	103	24
Spain, Galicia	3028	1895	1133	12	0	7	0	5	0	513	17	308	16	205	18	1167	39	747	39	420	37	723	24	458	24	265	23	613	20	375	20	238	21
Spain, Valencian region	5628	3476	2152	61	1	39	1	22	1	914	16	566	16	348	16	2089	37	1319	38	770	36	1293	23	813	23	480	22	1271	23	739	21	532	25
Sweden	8277	5249	3028	154	2	88	2	66	2	1420	17	877	17	543	18	3517	42	2237	43	1280	42	1884	23	1213	23	671	22	1302	16	834	16	468	15
The Netherlands	14794	8834	5960	265	2	157	2	108	2	2733	18	1643	19	1090	18	6171	42	3725	42	2446	41	3157	21	1854	21	1303	22	2468	17	1455	16	1013	17
United Kingdom, All countries *	50513	30558	19955							11541	23	6849	22	4692	24	20759	41	12590	41	8169	41	10003	20	6001	20	4002	20	8210	16	5118	17	3092	15
United Kingdom, England *	42212	25544	16668							9590	23	5686	22	3904	23	17348	41	10492	41	6856	41	8401	20	5030	20	3371	20	6873	16	4336	17	2537	15
United Kingdom, Northern Ireland *	1463	885	578							346	24	219	25	127	22	544	37	330	37	214	37	315	22	188	21	127	22	258	18	148	17	110	19
United Kingdom, Scotland	4339	2541	1798	101	2	62	2	39	2	1071	25	614	24	457	25	1852	43	1114	44	738	41	763	18	440	17	323	18	552	13	311	12	241	13
United Kingdom, Wales *	2600	1650	950							534	21	330	20	204	21	1015	39	654	40	361	38	524	20	343	21	181	19	527	20	323	20	204	21

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	59.4	15.5	61.0	61.4	59.0	15.1	60.8	38.6	59.9	16.2	61.3
Belgium, Dutch-speaking *	100	64.6	15.1	66.4	58.8	64.1	14.9	65.8	41.2	65.3	15.4	67.8
Belgium, French-speaking *	100	62.9	15.7	63.8	60.7	62.6	15.6	63.6	39.3	63.3	15.7	64.3
Denmark	100	57.5	16.7	59.4	61.3	57.7	16.5	59.5	38.7	57.2	16.9	59.2
Finland	100	57.3	16.0	59.2	62.2	57.3	15.9	59.3	37.8	57.1	16.3	58.8
France (16 of 26 regions) §	100	61.3	16.7	62.6	60.5	61.1	16.5	62.4	39.5	61.6	16.9	63.0
Greece	100	62.6	15.9	65.0	63.6	62.2	15.8	64.5	36.4	63.4	16.1	66.3
Iceland	100	53.6	18.3	56.4	59.3	55.4	17.8	59.1	40.7	51.0	19.0	53.8
Italy (12 of 20 regions) † #	100	64.3	15.8	66.6	62.9	64.0	15.6	66.2	37.1	64.8	16.2	67.3
Norway	100	58.1	16.4	60.2	64.7	58.5	16.2	60.4	35.3	57.4	16.7	59.5
Romania	100	56.3	15.0	57.7	55.2	55.7	14.9	57.3	44.8	57.0	15.0	58.4
Spain, Andalusia	100	58.4	16.1	59.9	59.4	57.5	16.0	58.7	40.6	59.7	16.2	61.8
Spain, Asturias	100	60.7	15.5	61.2	62.6	60.1	15.2	60.6	37.4	61.7	16.1	63.5
Spain, Basque country	100	59.8	15.6	61.5	62.5	60.0	15.3	61.7	37.5	59.6	16.2	61.1
Spain, Canary Islands	100	59.2	15.1	61.0	64.2	58.8	14.8	60.1	35.8	60.1	15.6	62.0
Spain, Cantabria *	100	60.1	14.4	61.4	68.9	60.7	14.1	62.1	31.1	58.7	14.8	59.6
Spain, Castile and Leon *	100	62.5	15.2	63.8	64.7	62.3	15.1	63.5	35.3	62.9	15.4	64.4
Spain, Castile-La Mancha *	100	60.6	15.3	62.0	60.3	59.9	15.1	60.8	39.7	61.7	15.5	64.1
Spain, Catalonia	100	61.0	16.1	62.8	62.5	60.7	15.9	62.4	37.5	61.6	16.2	63.6
Spain, Extremadura	100	59.0	15.8	59.3	58.6	57.8	15.4	58.3	41.4	60.8	16.2	62.4
Spain, Galicia	100	60.8	15.3	62.6	62.6	60.9	14.9	62.7	37.4	60.5	15.8	62.4
Spain, Valencian region	100	61.2	16.1	63.2	61.8	60.8	16.0	62.9	38.2	61.7	16.3	63.5
Sweden	100	58.9	16.0	60.8	63.4	59.2	15.9	61.1	36.6	58.4	16.2	60.3
The Netherlands	100	58.5	16.3	60.4	59.7	58.4	16.2	60.4	40.3	58.6	16.4	60.5
United Kingdom, All countries *	100	58.0	15.9	58.6	60.5	58.2	16.0	58.8	39.5	57.6	15.9	58.4
United Kingdom, England *	100	58.0	15.9	58.7	60.5	58.3	16.0	58.9	39.5	57.6	15.8	58.4
United Kingdom, Northern Ireland *	100	58.2	16.4	59.7	60.5	58.0	16.2	59.1	39.5	58.5	16.9	60.4
United Kingdom, Scotland	100	55.3	16.5	55.8	58.6	55.3	16.4	56.3	41.4	55.3	16.6	55.0
United Kingdom, Wales *	100	59.7	16.2	60.9	63.5	59.6	16.2	60.7	36.5	59.8	16.3	61.0

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

Percentages are row percentages

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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 (age-related) population, unadjusted
prevalent patients on December 31, by age and gender

	All			0-19			20-44			45-64			65-74			75+		
	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women	All	Men	Women
	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Austria	978.7	1234.5	735.9	63.5	73.0	53.5	453.0	535.2	369.9	1570.4	2038.7	1112.0	2534.8	3412.4	1778.1	1952.2	3046.6	1358.4
Belgium, Dutch-speaking *	1141.2	1358.8	929.1				413.5	482.8	342.6	1453.6	1766.9	1134.7	2967.8	3726.3	2279.3	3778.9	5305.6	2800.3
Belgium, French-speaking *	1193.2	1492.5	910.9				496.7	618.2	374.5	1794.9	2234.8	1368.9	3358.9	4466.8	2443.3	3709.7	6245.8	2328.8
Denmark	838.3	1035.2	644.4	73.8	81.3	65.9	545.4	650.7	437.9	1266.5	1551.3	979.0	1973.7	2592.4	1400.6	1776.1	2728.6	1168.6
Finland	780.3	990.3	578.2	96.4	107.2	85.2	433.2	531.2	330.5	1265.9	1596.3	938.0	1811.3	2443.5	1267.9	1207.6	2069.3	737.7
France (16 of 26 regions) §	1042.8	1302.5	798.7	51.1	55.8	46.2	529.4	645.4	413.9	1513.7	1908.1	1136.4	2553.7	3371.6	1847.1	2713.2	4263.7	1799.4
Greece	1065.2	1368.9	767.3	49.3	55.7	42.4	430.7	548.8	305.0	1419.8	1901.3	955.4	2704.7	3787.7	1816.5	2981.4	4170.2	2081.3
Iceland	540.0	633.5	444.5	44.3	21.7	67.8	489.9	561.3	414.3	787.5	875.0	696.4	1499.0	1918.2	1104.2	1258.6	2046.0	669.6
Italy (12 of 20 regions) † #	1132.0	1462.2	818.9	33.3	38.4	28.0	419.7	519.9	316.9	1420.0	1861.9	991.6	2674.6	3695.1	1783.8	3199.2	5090.6	2061.2
Norway	842.0	1090.5	594.3	67.2	80.5	53.2	488.0	590.7	380.8	1364.5	1747.5	968.1	2390.4	3286.4	1561.1	1801.7	3061.6	1012.2
Romania	512.7	580.7	448.0	26.5	27.0	26.1	288.5	326.3	249.2	962.1	1132.5	805.8	1268.8	1560.7	1053.4	765.2	1024.0	607.2
Spain, Andalusia	990.1	1187.7	796.1	55.8	67.3	43.5	506.2	614.7	393.3	1691.8	2125.6	1266.2	2691.8	3285.4	2181.3	2389.4	3273.6	1826.3
Spain, Asturias	990.5	1292.0	712.3	45.7	63.7	26.8	454.7	536.3	370.8	1408.6	1968.8	878.5	2115.2	2702.3	1625.4	1756.2	2781.5	1153.7
Spain, Basque country	1065.6	1361.5	782.6	83.4	104.5	61.0	470.5	524.6	413.6	1599.8	2095.1	1121.3	2699.7	3796.7	1753.7	1939.8	3066.7	1263.8
Spain, Canary Islands	1112.1	1427.5	796.7	18.8	27.4	9.7	521.9	653.9	385.3	1817.7	2423.8	1203.9	3546.2	4725.5	2461.4	3089.8	4406.0	2194.9
Spain, Cantabria *	871.8	1227.0	530.8				408.1	507.4	305.0	1371.6	1880.1	870.4	2432.2	3866.4	1184.7	1451.4	2716.5	693.6
Spain, Castile and Leon *	996.7	1300.3	697.9				433.5	546.7	312.7	1428.0	1832.9	1002.0	2179.0	3009.3	1433.8	2011.4	3135.2	1262.3
Spain, Castile-La Mancha *	913.5	1090.6	732.8				422.2	478.0	360.5	1574.3	2019.7	1106.4	2498.5	3005.4	2054.3	2011.2	2667.1	1543.9
Spain, Catalonia	1159.9	1459.4	864.2	63.6	75.6	50.8	476.3	580.5	363.1	1811.0	2339.2	1296.1	3346.1	4484.4	2355.3	3027.0	4779.9	1957.7
Spain, Extremadura	950.4	1121.0	782.1	8.9	8.6	9.1	551.8	660.7	437.4	1533.0	1883.2	1163.8	2152.3	2601.7	1762.6	1800.7	2234.4	1517.6
Spain, Galicia	1082.6	1403.6	783.1	27.2	30.8	23.3	511.8	610.6	411.7	1582.8	2061.8	1120.0	2503.7	3457.3	1695.4	1874.7	3032.1	1170.6
Spain, Valencian region	1104.7	1369.6	841.7	60.7	75.4	45.0	455.6	543.7	360.6	1674.3	2143.4	1217.8	2943.4	3906.8	2076.2	3208.5	4727.6	2218.4
Sweden	890.1	1134.6	648.1	70.5	78.4	62.1	466.8	564.9	364.5	1463.9	1848.0	1073.8	2166.4	2861.4	1505.4	1631.0	2632.5	972.0
The Netherlands	895.0	1080.0	713.7	67.4	78.1	56.2	496.1	592.5	398.4	1345.9	1615.6	1073.2	2299.5	2795.5	1836.0	2179.9	3406.7	1436.7
United Kingdom, All countries *	817.5	1006.1	635.1				542.8	640.8	443.8	1325.2	1634.6	1025.9	1895.0	2390.0	1446.0	1700.8	2677.8	1060.5
United Kingdom, England *	814.8	1001.2	633.9				534.6	628.9	438.7	1329.6	1632.7	1035.4	1918.0	2408.0	1471.3	1695.2	2686.3	1039.6
United Kingdom, Northern Ireland *	817.8	1007.3	634.9				552.2	700.1	404.7	1278.5	1577.4	989.4	2258.1	2865.9	1718.5	2245.4	3402.3	1540.6
United Kingdom, Scotland	835.4	1010.2	671.2	85.8	102.9	67.9	612.1	709.8	516.6	1323.3	1639.4	1025.0	1623.4	2023.9	1278.7	1385.2	2059.6	973.7
United Kingdom, Wales *	866.9	1125.9	619.4				564.9	702.6	428.9	1281.4	1687.7	892.2	1813.1	2467.6	1206.7	2033.2	3145.1	1303.5

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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	978.7	100	233.9	23.9	75.5	7.7	61.0	6.2	54.0	5.5	154.4	15.8	208.4	21.3	67.6	6.9	68.0	6.9	170.8	17.5	93.5	9.6	0	0
Belgium, Dutch-speaking *	1141.2	100	206.7	18.1	91.5	8.0	107.1	9.4	53.0	4.6	153.9	13.5	206.9	18.1	71.7	6.3	123.1	10.8	217.3	19.0	105.8	9.3	11.1	1.0
Belgium, French-speaking *	1193.2	100	218.1	18.3	120.7	10.1	90.0	7.5	37.5	3.1	167.1	14.0	204.6	17.1	160.1	13.4	46.6	3.9	282.5	23.7	70.5	5.9	0	0
Denmark	838.3	100	168.1	20.1	68.8	8.2	68.6	8.2	82.4	9.8	58.2	6.9	140.7	16.8	79.0	9.4	3.2	0.4	161.7	19.3	148.0	17.7	0	0
Finland	780.3	100	168.9	21.7	76.0	9.7	93.8	12.0	131.1	16.8	72.1	9.2	203.2	26.0	26.0	3.3	4.9	0.6	135.6	17.4	71.7	9.2	0	0
France (16 of 26 regions) §	1042.8	100	233.1	22.3	72.9	7.0	100.6	9.6					142.2	13.6	148.3	14.2	9.7	0.9	191.9	18.4	144.1	13.8	0.1	0
Greece	1065.2	100	205.4	19.3	75.4	7.1	82.5	7.7	21.4	2.0	176.0	16.5	197.5	18.5	100.4	9.4	19.0	1.8	90.1	8.5	294.9	27.7	0	0
Iceland	540.0	100	125.6	23.3	69.1	12.8	40.8	7.6	28.3	5.2	18.8	3.5	47.1	8.7	81.6	15.1	22.0	4.1	128.7	23.8	25.1	4.7	0	0
Italy (12 of 20 regions) † #	1132.0	100	236.9	20.9	94.6	8.4	88.4	7.8					142.4	12.6	151.1	13.3	50.2	4.4	156.9	13.9	198.4	17.5	13.1	1.2
Norway	842.0	100	250.6	29.8	78.1	9.3	91.5	10.9					102.9	12.2	133.2	15.8	5.0	0.6	159.9	19.0	20.9	2.5	0	0
Romania	512.7	100	123.2	24.0	78.0	15.2	37.9	7.4					46.8	9.1	27.5	5.4	4.0	0.8	54.4	10.6	140.8	27.5	0	0
Spain, Andalusia	990.1	100	214.3	21.7	116.9	11.8	93.8	9.5					128.6	13.0	82.6	8.3	30.2	3.1	120.7	12.2	202.8	20.5	0	0
Spain, Asturias	990.5	100	191.7	19.3	82.0	8.3	106.9	10.8	59.0	6.0	94.9	9.6	153.9	15.5	140.1	14.1	17.5	1.8	151.1	15.3	147.4	14.9	0	0
Spain, Basque country	1065.6	100	255.6	24.0	121.8	11.4	115.8	10.9	37.2	3.5	68.0	6.4	105.3	9.9	106.2	10.0	49.2	4.6	152.6	14.3	159.1	14.9	0	0
Spain, Canary Islands	1112.1	100											373.2	33.6							738.9	66.4	0	0
Spain, Cantabria *	871.8	100	279.3	32.0	79.6	9.1	86.3	9.9	33.9	3.9	74.5	8.5	108.3	12.4	86.3	9.9	81.3	9.3	105.0	12.0	45.7	5.2	0	0
Spain, Castile and Leon *	996.7	100	166.7	16.7	63.6	6.4	71.4	7.2	66.4	6.7	78.1	7.8	144.4	14.5	106.6	10.7	17.6	1.8	115.2	11.6	311.1	31.2	0	0
Spain, Castile-La Mancha *	913.5	100	194.8	21.3	119.1	13.0	90.9	10.0					126.3	13.8	57.9	6.3	6.2	0.7	100.5	11.0	217.7	23.8	0	0
Spain, Catalonia	1159.9	100	248.7	21.4	130.7	11.3	119.5	10.3	32.1	2.8	117.9	10.2	150.9	13.0	103.1	8.9	42.5	3.7	124.7	10.7	239.9	20.7	0	0
Spain, Extremadura	950.4	100	222.7	23.4	81.5	8.6	90.5	9.5					118.6	12.5	47.1	5.0	9.1	1.0	108.6	11.4	272.4	28.7	0	0
Spain, Galicia	1082.6	100	194.9	18.0	85.8	7.9	108.3	10.0					169.5	15.7	80.8	7.5	39.0	3.6	148.7	13.7	255.6	23.6	0	0
Spain, Valencian region	1104.7	100	224.5	20.3	122.9	11.1	99.3	9.0					125.6	11.4	149.4	13.5	40.6	3.7	122.1	11.1	220.2	19.9	0	0
Sweden	890.1	100	232.3	26.1	57.1	6.4	89.6	10.1	96.7	10.9	68.3	7.7	165.0	18.5	64.1	7.2	36.3	4.1	171.3	19.2	74.4	8.4	0	0
The Netherlands	895.0	100	154.5	17.3	76.9	8.6	72.5	8.1	36.2	4.0	63.3	7.1	99.6	11.1	88.8	9.9	57.7	6.4	154.1	17.2	100.2	11.2	90.7	10.1
United Kingdom, All countries *	817.5	100	150.4	18.4	94.0	11.5	73.2	9.0					119.5	14.6	46.7	5.7	20.0	2.4	130.6	16.0	148.4	18.2	34.6	4.2
United Kingdom, England *	814.8	100	144.1	17.7	89.3	11.0	70.9	8.7	62.3	7.6	57.1	7.0	119.3	14.6	49.2	6.0	18.9	2.3	130.6	16.0	152.4	18.7	40.1	4.9
United Kingdom, Northern Ireland *	817.8	100	156.5	19.1	125.2	15.3	95.6	11.7					123.0	15.0	26.8	3.3	21.8	2.7	161.0	19.7	106.8	13.1	1.1	0.1
United Kingdom, Scotland	835.4	100	185.4	22.2	134.2	16.1	89.3	10.7					113.4	13.6	31.8	3.8	24.3	2.9	144.0	17.2	112.2	13.4	0.8	0.1
United Kingdom, Wales *	866.9	100	198.7	22.9	93.7	10.8	72.4	8.3	98.0	11.3	33.3	3.8	131.4	15.2	41.3	4.8	31.0	3.6	110.7	12.8	168.7	19.5	19.0	2.2

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 Alsace, Auvergne, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute Normandie, Languedoc Roussillon, Limousin, Midi-Pyrénées, Pays de Loire, Picardie, Poitou-Charentes, Provence-Alpes-Côte d'Azur, Rhône Alpes, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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
	Pmp	Pmp	Pmp	Pmp	Type I	Type II	Both	Pmp	Pmp	Pmp	Pmp	Pmp
					Pmp	Pmp	Pmp					
Austria	958.7	227.2	74.4	59.3	51.8	153.1	204.9	66.2	67.1	167.7	91.7	0
Belgium, Dutch-speaking *	1054.9	194.1	86.2	100.1	49.7	139.4	189.1	63.5	107.0	207.0	97.6	10.1
Belgium, French-speaking *	1217.0	223.4	123.9	93.8	38.2	171.7	209.8	159.0	46.6	288.1	72.3	0
Denmark	833.2	167.3	69.4	65.8	80.5	57.1	137.6	77.4	3.2	163.3	149.2	0
Finland	747.3	160.8	73.7	84.8	129.2	66.5	195.7	24.6	4.6	133.5	69.8	0
France (16 of 26 regions) §	1014.2	232.9	73.6	98.0			136.6	132.3	9.0	192.4	139.3	0.1
Greece	974.7	193.7	70.0	77.3	20.9	155.9	176.8	88.9	16.7	85.1	266.3	0
Iceland	613.0	140.9	78.5	50.4	30.4	24.7	55.1	99.3	27.1	131.8	29.9	0
Italy (12 of 20 regions) † #	982.9	215.2	83.3	78.8			121.2	122.4	39.8	140.5	170.4	11.2
Norway	876.7	258.9	81.3	97.0			106.4	140.6	5.0	165.6	21.9	0
Romania	524.1	124.1	79.3	38.6			48.1	29.1	4.3	55.7	145.0	0
Spain, Andalusia	1046.2	222.2	121.9	103.0			138.8	89.1	32.6	123.9	214.7	0
Spain, Asturias	850.4	169.4	76.2	93.1	52.6	80.8	133.4	109.4	12.8	136.3	119.6	0
Spain, Basque country	975.7	236.8	113.1	105.8	34.0	61.0	95.0	93.5	43.2	144.1	144.2	0
Spain, Canary Islands	1193.9						417.0				777.0	0
Spain, Cantabria *	815.7	262.1	73.8	82.8	32.8	72.5	105.2	77.0	73.3	99.6	41.8	0
Spain, Castile and Leon *	853.4	149.5	55.2	65.4	59.7	61.0	120.7	81.5	12.4	98.8	269.8	0
Spain, Castile-La Mancha *	929.7	202.7	119.0	99.3			130.1	56.2	5.4	101.2	215.8	0
Spain, Catalonia	1169.7	251.6	130.0	125.0	32.1	121.2	154.4	103.2	42.4	125.4	237.7	0
Spain, Extremadura	915.2	217.9	78.4	90.2			112.9	43.1	8.5	105.5	258.9	0
Spain, Galicia	952.7	181.8	77.3	96.8			145.7	66.0	30.2	136.5	218.4	0
Spain, Valencian region	1099.0	224.3	121.9	101.3			125.5	147.2	39.7	120.9	218.2	0
Sweden	860.8	228.1	56.1	85.1	96.1	63.8	159.9	58.0	32.8	169.4	71.4	0
The Netherlands	897.7	152.0	77.6	70.9	35.3	64.1	99.4	89.6	60.1	155.4	102.3	90.4
United Kingdom, All countries *	827.9	152.8	95.6	74.3			121.7	46.9	19.6	133.0	149.4	34.6
United Kingdom, England *	827.0	146.6	90.8	72.4	64.0	58.0	122.0	49.6	18.5	133.1	153.8	40.1
United Kingdom, Northern Ireland *	898.8	169.6	135.2	104.9			136.8	30.2	25.0	177.4	118.4	1.3
United Kingdom, Scotland	829.4	184.4	134.2	86.1			112.5	31.0	23.9	144.7	111.9	0.8
United Kingdom, Wales *	840.5	197.0	95.1	68.8	95.4	31.3	126.7	39.2	26.6	109.5	159.8	17.7

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

Categories may not add up because of rounding off

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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		
Austria	8177	2932	1	0	0	886	3819	156	223	0	379	507	3471	1	3979	0	0
Belgium, Dutch-speaking *	7110	2092	19	330	6	1337	3784	268	154	2	424	100	2369	433	2902	0	0
Belgium, French-speaking *	5448	2605	39	0	19	299	2962	181	94	0	275	108	1634	469	2211	0	0
Denmark	4677	1931	128	0			2059	380	191	0	571	656	1365	7	2028	19	0
Finland	4166	1117	65	0	0	161	1343	224	143	0	367	171	2281	4	2456	0	0
France (16 of 26 regions) §	38387	17368	184	35	45	1730	19362	610	978	0	1588	897	16191	338	17426	11	0
Greece	12018	7104	1	0	11	1712	8828	430	331	0	761	1087	1342	0	2429	0	0
Iceland	172	53	0	0			53			8	8	81	30	0	111	0	0
Italy (12 of 20 regions) † #	33569	13747	2	5400	696	2879	22724	1253	1508	2	2763	601	7467	14	8082	0	0
Norway	4066	980	6	0			986			228	228	1297	1555	0	2852	0	0
Romania	10792	8487	0	0	2	13	8502	22	1535	0	1557	72	32	629	733	0	0
Spain, Andalusia	8254	3987	8	0			3995			353	353			3905	3905	1	0
Spain, Asturias	1075	396	0	0			396	12	47	0	59	5	614	0	619	0	1
Spain, Basque country	2318	766	1	0			767	0	186	0	186	0	1365	0	1365	0	0
Spain, Canary Islands	2348	1250	0	0			1250	0	123	0	123	0	974	0	974	1	0
Spain, Cantabria *	515	198	0	0			198	0	36	0	36	9	272	0	281	0	0
Spain, Castile and Leon *	2553	1118	3	0			1121	74	85	0	159	0	1255	0	1255	18	0
Spain, Castile-La Mancha *	1909	804	0	0			804	14	56	0	70			1025	1025	10	0
Spain, Catalonia	8667	3078	6	0		846	3930	162	156	0	318	453	3966	0	4419	0	0
Spain, Extremadura	1050	507	0	0	0	6	513	24	40	1	65	3	60	409	472	0	0
Spain, Galicia	3028	1304	96	0			1400	88	173	0	261	43	1295	29	1367	0	0
Spain, Valencian region	5628	3147	5	0			3152	43	160	0	203	9	1215	1043	2267	6	0
Sweden	8277	0	98	2696			2794			861	861	1885	2736	0	4621	1	0
The Netherlands	14794	5094	155	0			5249	544	599	1	1144	3009	5365	27	8401	0	0
United Kingdom, All countries * //	50513	21955	609	216	16	497	23293	1844	2476	96	4416	3210	11757	6542	21509	1295	0
United Kingdom, England *	42212	18248	527	162	15	483	19435	1531	2105	91	3727	2558	9114	6119	17791	1259	0
United Kingdom, Northern Ireland *	1463	677	1	47	1	14	740	68	9	5	82	55	264	317	636	5	0
United Kingdom, Scotland	4339	1826	53	0			1879	207	101	0	308	518	1598	32	2148	4	0
United Kingdom, Wales * ‡	2600	1216	28	7	0	0	1251	51	261	0	312	113	821	76	1010	27	0

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

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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

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

‡ Number of living transplants is underestimated

Table A.4.7

Prevalence per million population, unadjusted*prevalent patients on December 31, by established therapy*

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Unkn	Missing	
		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	978.7	350.9	0.1	0	0	106.0	457.1	18.7	26.7	0	45.4	60.7	415.4	0.1	476.2	0	0	
Belgium, Dutch-speaking *	1141.2	335.8	3.0	53.0	1.0	214.6	607.3	43.0	24.7	0.3	68.1	16.1	380.2	69.5	465.8	0	0	
Belgium, French-speaking *	1193.2	570.5	8.5	0	4.2	65.5	648.7	39.6	20.6	0	60.2	23.7	357.9	102.7	484.2	0	0	
Denmark	838.3	346.1	22.9	0			369.0	68.1	34.2	0	102.3	117.6	244.6	1.3	363.5	3.4	0	
Finland	780.3	209.2	12.2	0	0	30.2	251.6	42.0	26.8	0	68.7	32.0	427.2	0.7	460.0	0	0	
France (16 of 26 regions) §	1042.8	471.8	5.0	1.0	1.2	47.0	526.0	16.6	26.6	0	43.1	24.4	439.8	9.2	473.4	0.3	0	
Greece	1065.2	629.6	0.1	0	1.0	151.7	782.4	38.1	29.3	0	67.4	96.3	118.9	0	215.3	0	0	
Iceland	540.0	166.4	0	0			166.4			25.1	25.1	254.3	94.2	0	348.5	0	0	
Italy (12 of 20 regions) † #	1132.0	463.6	0.1	182.1	23.5	97.1	766.3	42.3	50.9	0.1	93.2	20.3	251.8	0.5	272.5	0	0	
Norway	842.0	203.0	1.2	0			204.2			47.2	47.2	268.6	322.0	0	590.6	0	0	
Romania	512.7	403.2	0	0	0.1	0.6	403.9	1.0	72.9	0	74.0	3.4	1.5	29.9	34.8	0	0	
Spain, Andalusia	990.1	478.2	1.0	0			479.2			42.3	42.3			468.4	468.4	0.1	0	
Spain, Asturias	990.5	364.9	0	0			364.9	11.1	43.3	0	54.4	4.6	565.7	0	570.4	0	0.9	
Spain, Basque country	1065.6	352.1	0.5	0			352.6	0	85.5	0	85.5	0	627.5	0	627.5	0	0	
Spain, Canary Islands	1112.1	592.1	0	0			592.1	0	58.3	0	58.3	0	461.3	0	461.3	0.5	0	
Spain, Cantabria *	871.8	335.2	0	0			335.2	0	60.9	0	60.9	15.2	460.4	0	475.7	0	0	
Spain, Castile and Leon *	996.7	436.5	1.2	0			437.6	28.9	33.2	0	62.1	0	489.9	0	489.9	7.0	0	
Spain, Castile-La Mancha *	913.5	384.7	0	0			384.7	6.7	26.8	0	33.5			490.5	490.5	4.8	0	
Spain, Catalonia	1159.4	411.7	0.8	0		113.2	525.7	21.7	20.9	0	42.5	60.6	530.5	0	591.1	0	0	
Spain, Extremadura	950.4	458.9	0	0	0	5.4	464.3	21.7	36.2	0.9	58.8	2.7	54.3	370.2	427.2	0	0	
Spain, Galicia	1082.6	466.2	34.3	0			500.6	31.5	61.9	0	93.3	15.4	463.0	10.4	488.8	0	0	
Spain, Valencian region	1104.7	617.7	1.0	0			618.7	8.4	31.4	0	39.8	1.8	238.5	204.7	445.0	1.2	0	
Sweden	890.1	0	10.5	289.9			300.5			92.6	92.6	202.7	294.2	0	497.0	0.1	0	
The Netherlands	895.0	308.2	9.4	0			317.5	32.9	36.2	0.1	69.2	182.0	324.6	1.6	508.2	0	0	
United Kingdom, All countries *	817.5	355.3	9.9	3.5	0.3	8.0	377.0	29.8	40.1	1.6	71.5	51.9	190.3	105.9	348.1	21.0	0	
United Kingdom, England *	814.8	352.2	10.2	3.1	0.3	9.3	375.1	29.6	40.6	1.8	71.9	49.4	175.9	118.1	343.4	24.3	0	
United Kingdom, Northern Ireland *	817.8	378.4	0.6	26.3	0.6	7.8	413.6	38.0	5.0	2.8	45.8	30.7	147.6	177.2	355.5	2.8	0	
United Kingdom, Scotland	835.4	351.6	10.2	0			361.8	39.9	19.4	0	59.3	99.7	307.7	6.2	413.5	0.8	0	
United Kingdom, Wales * ‡	866.9	405.4	9.3	2.3	0	0	417.1	17.0	87.0	0	104.0	37.7	273.7	25.3	336.7	9.0	0	

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

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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

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

‡ Number of living transplants is underestimated

Table A.4.8

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	HD	HD	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn			Total Tx
			hospital/centre	home	type Unkn	Pmp	Pmp											
Austria	958.7	346.5	0.1	0	0	103.7	450.3	18.5	26.1	0	44.5	59.8	403.9	0.1	463.9	0	0	
Belgium, Dutch-speaking *	1054.9	301.2	2.9	48.1	0.9	192.4	545.5	40.3	23.1	0.3	63.7	16.6	363.8	65.3	445.7	0	0	
Belgium, French-speaking *	1217.0	571.7	8.8	0	4.0	66.7	651.1	41.1	20.7	0	61.8	24.4	373.3	106.3	504.0	0	0	
Denmark	833.2	346.3	22.8	0			369.1	68.1	33.6	0	101.7	118.8	239.1	1.1	359.0	3.3	0	
Finland	747.3	199.7	12.0	0	0	28.2	240.0	40.7	25.7	0	66.4	31.4	408.9	0.7	440.9	0	0	
France (16 of 26 regions) §	1014.2	442.3	5.0	0.9	1.2	43.8	493.1	16.0	23.3	0	39.3	25.7	446.6	9.3	481.6	0.3	0	
Greece	974.7	562.1	0.1	0	0.9	139.8	702.9	35.5	26.4	0	61.9	94.9	115.0	0	209.9	0	0	
Iceland	613.0	205.5	0	0			205.5			27.7	27.7	275.5	104.2	0	379.7	0	0	
Italy (12 of 20 regions) † #	982.9	387.8	0	153.3	20.2	83.6	644.9	37.7	43.1	0.1	80.8	19.8	237.0	0.4	257.2	0	0	
Norway	876.7	212.9	1.3	0			214.1			49.9	49.9	276.0	336.7	0	612.7	0	0	
Romania	524.1	413.3	0	0	0.1	0.6	414.0	1.1	74.9	0	75.9	3.2	1.5	29.4	34.1	0	0	
Spain, Andalusia	1046.2	512.9	1.0	0			513.9			44.4	44.4		487.8		487.8	0.1	0	
Spain, Asturias	850.4	290.0	0	0			290.0	9.4	40.0	0	49.4	4.5	505.8	0	510.3	0	0.8	
Spain, Basque country	975.7	309.5	0.4	0			309.8	0	79.3	0	79.3	0	586.5	0	586.5	0	0	
Spain, Canary Islands	1193.9	670.0	0	0			670.0	0	62.2	0	62.2	0	461.3	0	461.3	0.5	0	
Spain, Cantabria *	815.7	303.8	0	0			303.8	0	55.8	0	55.8	14.5	441.7	0	456.2	0	0	
Spain, Castile and Leon *	853.4	339.1	1.1	0			340.2	24.7	27.6	0	52.3	0	456.1	0	456.1	4.8	0	
Spain, Castile-La Mancha *	929.7	372.7	0	0			372.7	6.5	27.2	0	33.7		518.4		518.4	4.8	0	
Spain, Catalonia	1169.0	408.5	0.8	0		112.1	521.4	22.0	21.0	0	43.0	58.9	545.8	0	604.7	0	0	
Spain, Extremadura	915.2	421.7	0	0	0	5.7	427.5	21.4	36.1	1.0	58.6	2.7	55.0	371.4	429.2	0	0	
Spain, Galicia	952.7	384.9	26.6	0			411.6	29.8	53.7	0	83.5	15.5	432.0	10.1	457.6	0	0	
Spain, Valencian region	1099.0	610.9	1.0	0			611.9	8.5	31.4	0	39.9	1.8	238.3	205.8	445.9	1.2	0	
Sweden	860.8	0	10.3	272.2			282.5			88.4	88.4	204.1	285.6	0	489.8	0.1	0	
The Netherlands	897.7	317.9	9.0	0			327.0	32.8	36.7	0	69.6	179.7	319.9	1.5	501.1	0	0	
United Kingdom, All countries *	827.9	356.3	10.0	3.5	0.3	8.2	378.3	30.2	40.3	1.6	72.0	53.6	194.1	108.3	356.1	21.5	0	
United Kingdom, England *	827.0	354.1	10.4	3.1	0.3	9.5	377.4	30.0	41.0	1.8	72.7	50.9	179.9	121.1	351.9	25.0	0	
United Kingdom, Northern Ireland *	898.8	422.7	0.6	29.7	0.6	8.8	462.3	41.7	5.3	2.9	49.9	32.6	158.9	191.9	383.4	3.2	0	
United Kingdom, Scotland	829.4	347.2	10.1	0			357.2	39.2	19.0	0	58.2	101.4	305.7	6.1	413.2	0.8	0	
United Kingdom, Wales * ‡	840.5	378.1	9.5	2.1	0	0	389.7	15.8	83.4	0	99.2	39.4	276.6	26.2	342.2	9.4	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 Alsace, Auvergne, Bourgogne, Bretagne, Champagne-Ardenne, Corse, Haute Normandie, Languedoc Roussillon, Limousin, Midi-Pyrénées, Pays de Loire, Picardie, Poitou-Charentes, Provence-Alpes-Côte d Azur, Rhône Alpes, and the overseas department of Reunion

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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

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

‡ Number of living transplants is underestimated

Table A.4.9
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	35.9	0	0	0	10.8	46.7	1.9	2.7	0	4.6	6.2	42.4	0	48.7	0	0
Belgium, Dutch-speaking *	100	29.4	0.3	4.6	0.1	18.8	53.2	3.8	2.2	0	6.0	1.4	33.3	6.1	40.8	0	0
Belgium, French-speaking *	100	47.8	0.7	0	0.3	5.5	54.4	3.3	1.7	0	5.0	2.0	30.0	8.6	40.6	0	0
Denmark	100	41.3	2.7	0			44.0	8.1	4.1	0	12.2	14.0	29.2	0.1	43.4	0.4	0
Finland	100	26.8	1.6	0	0	3.9	32.2	5.4	3.4	0	8.8	4.1	54.8	0.1	59.0	0	0
France (16 of 26 regions) §	100	45.2	0.5	0.1	0.1	4.5	50.4	1.6	2.5	0	4.1	2.3	42.2	0.9	45.4	0	0
Greece	100	59.1	0	0	0.1	14.2	73.5	3.6	2.8	0	6.3	9.0	11.2	0	20.2	0	0
Iceland	100	30.8	0	0			30.8			4.7	4.7	47.1	17.4	0	64.5	0	0
Italy (12 of 20 regions) † #	100	41.0	0	16.1	2.1	8.6	67.7	3.7	4.5	0	8.2	1.8	22.2	0	24.1	0	0
Norway	100	24.1	0.1	0			24.2			5.6	5.6	31.9	38.2	0	70.1	0	0
Romania	100	78.6	0	0	0	0.1	78.8	0.2	14.2	0	14.4	0.7	0.3	5.8	6.8	0	0
Spain, Andalusia	100	48.3	0.1	0			48.4			4.3	4.3			47.3	47.3	0	0
Spain, Asturias	100	36.8	0	0			36.8	1.1	4.4	0	5.5	0.5	57.1	0	57.6	0	0.1
Spain, Basque country	100	33.0	0	0			33.1	0	8.0	0	8.0	0	58.9	0	58.9	0	0
Spain, Canary Islands	100	53.2	0	0			53.2	0	5.2	0	5.2	0	41.5	0	41.5	0	0
Spain, Cantabria *	100	38.4	0	0			38.4	0	7.0	0	7.0	1.7	52.8	0	54.6	0	0
Spain, Castile and Leon *	100	43.8	0.1	0			43.9	2.9	3.3	0	6.2	0	49.2	0	49.2	0.7	0
Spain, Castile-La Mancha *	100	42.1	0	0			42.1	0.7	2.9	0	3.7			53.7	53.7	0.5	0
Spain, Catalonia	100	35.5	0.1	0		9.8	45.3	1.9	1.8	0	3.7	5.2	45.8	0	51.0	0	0
Spain, Extremadura	100	48.3	0	0	0	0.6	48.9	2.3	3.8	0.1	6.2	0.3	5.7	39.0	45.0	0	0
Spain, Galicia	100	43.1	3.2	0			46.2	2.9	5.7	0	8.6	1.4	42.8	1.0	45.1	0	0
Spain, Valencian region	100	55.9	0.1	0			56.0	0.8	2.8	0	3.6	0.2	21.6	18.5	40.3	0.1	0
Sweden	100	0	1.2	32.6			33.8			10.4	10.4	22.8	33.1	0	55.8	0	0
The Netherlands	100	34.4	1.0	0			35.5	3.7	4.0	0	7.7	20.3	36.3	0.2	56.8	0	0
United Kingdom, All countries * //	100	43.5	1.2	0.4	0	1.0	46.1	3.7	4.9	0.2	8.7	6.4	23.3	13.0	42.6	2.6	0
United Kingdom, England *	100	43.2	1.2	0.4	0	1.1	46.0	3.6	5.0	0.2	8.8	6.1	21.6	14.5	42.1	3.0	0
United Kingdom, Northern Ireland *	100	46.3	0.1	3.2	0.1	1.0	50.6	4.6	0.6	0.3	5.6	3.8	18.0	21.7	43.5	0.3	0
United Kingdom, Scotland	100	42.1	1.2	0			43.3	4.8	2.3	0	7.1	11.9	36.8	0.7	49.5	0.1	0
United Kingdom, Wales * ‡	100	46.8	1.1	0.3	0	0	48.1	2.0	10.0	0	12.0	4.3	31.6	2.9	38.8	1.0	0

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

Percentages are row percentages

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

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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

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

‡ Number of living transplants is underestimated

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

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

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

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

Percentages are row percentages

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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 2009, 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 //	433	100	39	9.0	30	6.9	0	0	69	15.9	364	84.1	0	0
Belgium, Dutch-speaking *	232	100	3	1.3	7	3.0	0	0	10	4.3	221	95.3	1	0.4
Belgium, French-speaking *	167	100	11	6.6	7	4.2	0	0	18	10.8	134	80.2	15	9.0
Denmark	225	100	54	24.0	34	15.1	0	0	88	39.1	137	60.9	0	0
Finland	175	100	4	2.3	0	0	0	0	4	2.3	171	97.7	0	0
France (16 of 26 regions) §	1495	100	90	6.0	0	0	0	0	90	6.0	1402	93.8	3	0.2
Greece	168	100	33	19.6	2	1.2	0	0	35	20.8	133	79.2	0	0
Iceland	7	100	6	85.7	1	14.3	0	0	7	100	0	0	0	0
Italy (12 of 20 regions) †	597	100	29	4.9	12	2.0	0	0	41	6.9	555	93.0	1	0.2
Norway	292	100	77	26.4	27	9.2	0	0	104	35.6	188	64.4	0	0
Romania	136	100	11	8.1	2	1.5	63	46.3	76	55.9	31	22.8	29	21.3
Spain, Andalusia	387	100											387	100
Spain, Asturias	46	100	1	2.2	0	0	0	0	1	2.2	45	97.8	0	0
Spain, Basque country	114	100					0	0	0	0	114	100	0	0
Spain, Canary Islands	99	100	0	0	0	0	0	0	0	0	99	100	0	0
Spain, Cantabria *	46	100	0	0	0	0	0	0	0	0	46	100	0	0
Spain, Castile and Leon *	90	100	0	0	0	0	0	0	0	0	90	100	0	0
Spain, Castile-La Mancha * &	85	100					1	1.2	1	1.2	84	98.8	0	0
Spain, Catalonia	524	100	132	25.2	0	0	0	0	132	25.2	392	74.8	0	0
Spain, Extremadura	45	100	1	2.2	0	0	0	0	1	2.2	34	75.6	10	22.2
Spain, Galicia	127	100	0	0	0	0	16	12.6	16	12.6	111	87.4	0	0
Spain, Valencian region	211	100	6	2.8	0	0	0	0	6	2.8	205	97.2	0	0
Sweden	391	100	100	25.6	62	15.9	0	0	162	41.4	229	58.6	0	0
The Netherlands	827	100					409	49.5	409	49.5	399	48.2	19	2.3
United Kingdom, All countries ‡	2586	100	628	24.3	353	13.7	1	0.0	982	38.0	1604	62.0	0	0
United Kingdom, England ‡	2260	100	556	24.6	322	14.2	1	0.0	879	38.9	1381	61.1	0	0
United Kingdom, Northern Ireland ‡	44	100	10	22.7	3	6.8	0	0	13	29.5	31	70.5	0	0
United Kingdom, Scotland ‡	181	100	33	18.2	19	10.5	0	0	52	28.7	129	71.3	0	0
United Kingdom, Wales ‡	101	100	29	28.7	9	8.9	0	0	38	37.6	63	62.4	0	0

Categories may not add up because of rounding off

Percentages are row percentages

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

// Data based on residents and non-residents

* Patients younger than 20 years of age are not reported

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

‡ Data from NHS Blood and Transplant

Table A.5.2
Renal transplants performed in 2009, per million population
by donor type

	Total	Living				Deceased	Donor type Unkn
	Pmp	Related	Unrelated	Type Unkn	All	Pmp	Pmp
		Pmp	Pmp	Pmp	Pmp		
Austria //	47.5	3.9	3.2	0	7.2	40.3	0
Belgium, Dutch-speaking *	37.2	0.5	1.1	0	1.6	35.5	0.2
Belgium, French-speaking *	36.6	2.4	1.5	0	3.9	29.3	3.3
Denmark	40.3	9.7	6.1	0	15.8	24.6	0
Finland	32.8	0.7	0	0	0.7	32.0	0
France (16 of 26 regions) §	40.6	2.4	0	0	2.4	38.1	0.1
Greece	14.9	2.9	0.2	0	3.1	11.8	0
Iceland	22.0	18.8	3.1	0	22.0	0	0
Italy (12 of 20 regions) †	20.1	1.0	0.4	0	1.4	18.7	0
Norway	60.5	15.9	5.6	0	21.5	38.9	0
Romania	6.5	0.5	0.1	3.0	3.6	1.5	1.4
Spain, Andalusia	46.4						46.4
Spain, Asturias	42.4	0.9	0	0	0.9	41.5	0
Spain, Basque country	52.4			0	0	52.4	0
Spain, Canary Islands	46.9	0	0	0	0	46.9	0
Spain, Cantabria *	77.9	0	0	0	0	77.9	0
Spain, Castile and Leon *	35.1	0	0	0	0	35.1	0
Spain, Castile-La Mancha * &	40.7			0.5	40.2	0	0
Spain, Catalonia	70.1	17.7	0	0	17.7	52.4	0
Spain, Extremadura	40.7	0.9	0	0	0.9	30.8	9.1
Spain, Galicia	45.4	0	0	5.7	5.7	39.7	0
Spain, Valencian region	41.4	1.2	0	0	1.2	40.2	0
Sweden	42.0	10.8	6.7	0	17.4	24.6	0
The Netherlands	50.0			24.7	24.7	24.1	1.1
United Kingdom, All countries ‡	41.9	10.2	5.7	0.0	15.9	26.0	0
United Kingdom, England ‡	43.6	10.7	6.2	0.0	17.0	26.7	0
United Kingdom, Northern Ireland ‡	24.6	5.6	1.7	0	7.3	17.3	0
United Kingdom, Scotland ‡	34.8	6.4	3.7	0	10.0	24.8	0
United Kingdom, Wales ‡	33.7	9.7	3.0	0	12.7	21.0	0

Categories may not add up because of rounding off

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

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

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

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto

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

‡ Data from NHS Blood and Transplant

Table A.6.1

90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): 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	99.4 (98.6-99.7)	97.1 (95.9-98.0)	96.6 (95.3-97.5)	94.9 (93.4-96.0)
20-44	98.6 (98.3-98.8)	95.7 (95.3-96.0)	92.5 (92.0-92.9)	85.4 (84.9-86.0)
45-64	95.7 (95.5-95.9)	87.7 (87.3-88.0)	79.1 (78.7-79.5)	60.0 (59.6-60.4)
65-74	91.8 (91.5-92.1)	76.9 (76.5-77.3)	62.7 (62.3-63.1)	33.8 (33.6-34.0)
75+	86.9 (86.5-87.3)	66.8 (66.3-67.2)	48.8 (48.5-49.2)	17.9 (17.8-18.0)
Men	92.8 (92.6-93.0)	80.7 (80.4-81.0)	69.0 (68.7-69.3)	46.0 (45.8-46.2)
Women	92.7 (92.5-93.0)	80.4 (80.1-80.8)	68.9 (68.5-69.2)	46.1 (45.9-46.4)
Diabetes	93.7 (93.4-94.1)	79.8 (79.3-80.3)	64.6 (64.1-65.0)	35.0 (34.7-35.2)
Hypertension / renal vascular disease	92.2 (91.8-92.6)	78.1 (77.5-78.6)	64.6 (64.1-65.1)	37.2 (36.9-37.5)
Glomerulonephritis	96.8 (96.4-97.1)	90.7 (90.2-91.2)	84.1 (83.5-84.7)	68.7 (68.0-69.3)
Other cause	92.2 (91.9-92.4)	80.1 (79.8-80.4)	69.5 (69.1-69.8)	48.9 (48.6-49.1)
All	92.8 (92.6-93.0)	80.6 (80.4-80.8)	69.0 (68.8-69.2)	46.0 (45.9-46.2)

* 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.6.2

90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): 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	99.3 (98.8-99.9)	96.9 (95.7-98.0)	96.3 (95.1-97.6)	94.4 (92.9-96.0)
20-44	98.6 (98.4-98.8)	95.7 (95.4-96.1)	92.5 (92.0-93.0)	85.1 (84.5-85.8)
45-64	96.0 (95.8-96.3)	88.5 (88.1-88.8)	80.2 (79.8-80.7)	61.2 (60.6-61.8)
65-74	92.6 (92.3-92.9)	78.7 (78.2-79.2)	65.0 (64.4-65.7)	35.9 (35.3-36.5)
75+	87.7 (87.3-88.2)	68.2 (67.6-68.9)	50.5 (49.8-51.2)	18.9 (18.3-19.5)
Men	95.6 (95.5-95.8)	87.3 (87.0-87.5)	78.2 (77.8-78.5)	55.4 (55.0-55.9)
Women	95.7 (95.6-95.9)	87.7 (87.4-88.0)	79.0 (78.6-79.5)	57.5 (56.9-58.1)
Diabetes	95.6 (95.3-95.8)	85.1 (84.6-85.6)	72.5 (71.9-73.2)	42.9 (42.2-43.7)
Hypertension / renal vascular disease	96.0 (95.8-96.3)	88.1 (87.7-88.6)	79.5 (79.0-80.1)	56.6 (55.8-57.4)
Glomerulonephritis	97.2 (96.9-97.5)	91.5 (91.0-92.1)	85.0 (84.3-85.7)	67.6 (66.7-68.6)
Other cause	94.8 (94.6-95.0)	86.2 (85.9-86.5)	77.7 (77.3-78.1)	57.4 (56.9-57.9)
All	95.7 (95.5-95.8)	87.4 (87.2-87.7)	78.5 (78.2-78.8)	56.3 (55.9-56.7)

* 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.6.3

One-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, unadjusted
from day 91 to one, two, and five years + 90 days, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.5 (96.2-98.3)	97.0 (95.7-97.9)	95.1 (93.5-96.3)
20-44	96.3 (95.9-96.6)	92.9 (92.4-93.3)	85.7 (85.1-86.3)
45-64	89.2 (88.8-89.5)	80.7 (80.3-81.1)	60.7 (60.4-61.1)
65-74	79.8 (79.4-80.3)	65.2 (64.8-65.6)	34.8 (34.6-35.1)
75+	71.5 (71.1-72.0)	52.2 (51.8-52.6)	18.7 (18.6-18.8)
Men	83.6 (83.3-83.9)	71.5 (71.2-71.8)	47.4 (47.1-47.6)
Women	83.3 (82.9-83.7)	71.7 (71.3-72.1)	47.6 (47.3-47.9)
Diabetes	80.7 (80.2-81.2)	65.3 (64.8-65.7)	34.9 (34.7-35.2)
Hypertension / renal vascular disease	81.0 (80.5-81.6)	66.8 (66.2-67.3)	38.1 (37.8-38.4)
Glomerulonephritis	92.1 (91.6-92.5)	85.2 (84.6-85.8)	69.4 (68.7-70.0)
Other cause	83.8 (83.4-84.1)	73.0 (72.6-73.3)	50.9 (50.7-51.2)
All	83.5 (83.3-83.7)	71.6 (71.3-71.8)	47.5 (47.3-47.6)

* 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.6.4

One-, two- and five-year survival probabilities (cohort 2000-2004): Incident RRT patients, adjusted from day 91 to one, two, and five years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	97.3 (96.1-98.4)	96.7 (95.5-98.0)	94.6 (93.0-96.2)
20-44	96.3 (95.9-96.7)	92.8 (92.3-93.3)	85.5 (84.8-86.2)
45-64	89.8 (89.5-90.2)	81.7 (81.3-82.2)	62.3 (61.7-62.9)
65-74	81.3 (80.8-81.8)	67.3 (66.6-67.9)	37.3 (36.6-37.9)
75+	72.6 (71.9-73.2)	53.5 (52.8-54.3)	19.8 (19.2-20.4)
Men	89.0 (88.7-89.2)	79.6 (79.2-79.9)	56.4 (55.9-56.9)
Women	89.3 (89.0-89.6)	80.7 (80.2-81.1)	58.6 (58.0-59.2)
Diabetes	85.6 (85.1-86.1)	72.9 (72.2-73.5)	43.0 (42.2-43.7)
Hypertension / renal vascular disease	89.7 (89.3-90.1)	80.7 (80.1-81.2)	57.1 (56.3-58.0)
Glomerulonephritis	92.7 (92.1-93.2)	85.9 (85.2-86.6)	68.5 (67.5-69.4)
Other cause	88.6 (88.3-88.9)	80.0 (79.6-80.4)	59.0 (58.5-59.6)
All	89.1 (88.9-89.3)	80.0 (79.7-80.3)	57.3 (56.9-57.7)

* 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.6.5

90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident RRT patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	99.1 (98.3-99.5)	96.6 (95.3-97.5)	96.1 (94.7-97.1)
20-44	98.8 (98.6-99.0)	96.2 (95.8-96.5)	93.2 (92.7-93.6)
45-64	96.4 (96.2-96.6)	89.1 (88.8-89.4)	81.4 (81.0-81.7)
65-74	92.6 (92.3-92.9)	79.0 (78.6-79.3)	66.0 (65.6-66.3)
75+	88.1 (87.8-88.5)	69.2 (68.8-69.6)	52.0 (51.7-52.3)
Men	93.6 (93.4-93.8)	82.1 (81.8-82.3)	70.9 (70.6-71.1)
Women	93.1 (92.8-93.3)	81.5 (81.2-81.8)	70.7 (70.4-71.0)
Diabetes	94.3 (94.0-94.6)	81.9 (81.5-82.3)	68.0 (67.5-68.4)
Hypertension / renal vascular disease	93.2 (92.8-93.6)	80.0 (79.5-80.5)	66.6 (66.1-67.1)
Glomerulonephritis	97.3 (97.0-97.6)	91.5 (91.0-91.9)	85.0 (84.4-85.5)
Other cause	92.6 (92.4-92.8)	80.7 (80.4-81.0)	70.7 (70.4-71.0)
All	93.4 (93.3-93.6)	81.9 (81.7-82.1)	70.8 (70.6-71.0)

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

Table A.6.6

90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident RRT patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	99.0 (98.3-99.6)	96.3 (95.0-97.5)	95.7 (94.4-97.0)
20-44	98.9 (98.7-99.1)	96.2 (95.9-96.5)	93.1 (92.7-93.6)
45-64	96.6 (96.4-96.8)	89.6 (89.2-89.9)	82.1 (81.7-82.5)
65-74	93.2 (92.9-93.5)	80.4 (80.0-80.9)	67.9 (67.3-68.4)
75+	88.9 (88.5-89.3)	70.6 (70.1-71.2)	53.7 (53.1-54.3)
Men	96.1 (96.0-96.2)	88.3 (88.0-88.5)	79.7 (79.4-80.0)
Women	95.9 (95.7-96.0)	88.3 (88.0-88.6)	80.3 (79.9-80.7)
Diabetes	96.0 (95.8-96.3)	86.9 (86.5-87.3)	75.7 (75.1-76.2)
Hypertension / renal vascular disease	96.5 (96.3-96.7)	89.2 (88.9-89.6)	80.9 (80.3-81.4)
Glomerulonephritis	97.6 (97.4-97.9)	92.3 (91.9-92.8)	86.1 (85.5-86.7)
Other cause	95.1 (94.9-95.3)	86.7 (86.4-87.0)	78.8 (78.4-79.1)
All	96.0 (95.9-96.1)	88.3 (88.1-88.5)	80.0 (79.7-80.2)

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

Table A.6.7

One- and two-year survival probabilities (cohort 2003-2007): 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 (95.7-98.0)	96.6 (95.1-97.6)
20-44	96.5 (96.2-96.8)	93.4 (93.0-93.8)
45-64	90.1 (89.8-90.5)	82.4 (82.0-82.7)
65-74	81.6 (81.2-81.9)	68.4 (68.0-68.8)
75+	73.5 (73.1-73.9)	54.8 (54.4-55.1)
Men	84.4 (84.1-84.7)	72.9 (72.6-73.2)
Women	84.4 (84.1-84.7)	73.2 (72.8-73.5)
Diabetes	83.0 (82.5-83.4)	68.5 (68.0-68.9)
Hypertension / renal vascular disease	82.0 (81.5-82.5)	68.1 (67.5-68.6)
Glomerulonephritis	92.2 (91.7-92.6)	85.6 (85.0-86.2)
Other cause	84.1 (83.8-84.4)	73.8 (73.5-74.1)
All	84.4 (84.2-84.6)	73.0 (72.8-73.2)

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

Table A.6.8

One- and two-year survival probabilities (cohort 2003-2007): 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 (95.4-98.0)	96.1 (94.7-97.5)
20-44	96.5 (96.2-96.8)	93.3 (92.9-93.8)
45-64	90.6 (90.2-90.9)	83.2 (82.7-83.6)
65-74	82.7 (82.3-83.2)	70.3 (69.7-70.9)
75+	74.5 (74.0-75.1)	56.5 (55.9-57.2)
Men	89.5 (89.3-89.8)	80.9 (80.6-81.3)
Women	89.9 (89.6-90.2)	81.8 (81.4-82.2)
Diabetes	87.5 (87.1-87.9)	76.0 (75.5-76.6)
Hypertension / renal vascular disease	90.2 (89.8-90.5)	81.6 (81.1-82.2)
Glomerulonephritis	92.9 (92.4-93.3)	86.7 (86.1-87.3)
Other cause	88.9 (88.6-89.2)	80.9 (80.5-81.3)
All	89.7 (89.5-89.9)	81.3 (81.0-81.6)

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

Table A.6.9

90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): 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 (95.5-98.2)	96.3 (94.4-97.6)	90.3 (86.3-93.2)
20-44	98.4 (98.2-98.7)	95.1 (94.6-95.5)	90.7 (90.1-91.2)	77.6 (76.8-78.5)
45-64	95.7 (95.4-95.9)	87.2 (86.8-87.5)	77.2 (76.8-77.7)	51.9 (51.5-52.2)
65-74	91.3 (91.0-91.7)	76.4 (76.0-76.8)	61.6 (61.2-62.0)	30.3 (30.1-30.5)
75+	86.6 (86.1-87.0)	66.3 (65.8-66.8)	47.9 (47.5-48.3)	16.6 (16.5-16.7)
Men	92.8 (92.5-93.0)	80.4 (80.1-80.7)	67.2 (66.9-67.5)	37.7 (37.5-37.9)
Women	92.7 (92.4-92.9)	80.0 (79.6-80.3)	67.1 (66.7-67.5)	38.9 (38.6-39.1)
Diabetes	93.5 (93.2-93.9)	79.0 (78.5-79.6)	62.2 (61.7-62.7)	28.0 (27.7-28.2)
Hypertension / renal vascular disease	91.5 (91.1-92.0)	76.9 (76.3-77.5)	62.4 (61.9-63.0)	31.6 (31.3-31.9)
Glomerulonephritis	96.5 (96.2-96.9)	90.2 (89.6-90.7)	82.5 (81.9-83.2)	58.1 (57.4-58.8)
Other cause	92.4 (92.2-92.7)	80.4 (80.0-80.7)	68.4 (68.1-68.8)	41.9 (41.7-42.2)
All	92.7 (92.5-92.9)	80.2 (80.0-80.5)	67.2 (66.9-67.4)	38.2 (38.0-38.3)

* 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.6.10

90-day, one-, two- and five-year survival probabilities (cohort 2000-2004): 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)	97.0 (95.5-98.4)	95.8 (93.9-97.8)	86.7 (81.2-92.5)
20-44	98.5 (98.2-98.7)	95.2 (94.8-95.7)	90.7 (90.1-91.4)	76.7 (75.5-77.9)
45-64	96.0 (95.8-96.3)	88.0 (87.6-88.5)	78.5 (78.0-79.1)	52.5 (51.8-53.3)
65-74	92.1 (91.8-92.5)	78.1 (77.5-78.6)	63.7 (63.1-64.4)	31.7 (31.1-32.4)
75+	87.3 (86.7-87.8)	67.6 (66.8-68.3)	49.2 (48.4-50.0)	17.1 (16.5-17.8)
Men	94.9 (94.7-95.1)	85.5 (85.2-85.8)	74.8 (74.3-75.2)	46.8 (46.2-47.4)
Women	95.0 (94.8-95.2)	85.8 (85.4-86.2)	75.7 (75.2-76.2)	49.7 (49.0-50.4)
Diabetes	94.8 (94.5-95.1)	82.8 (82.2-83.4)	68.1 (67.4-68.8)	33.9 (33.0-34.7)
Hypertension / renal vascular disease	94.8 (94.5-95.2)	85.3 (84.8-85.9)	74.9 (74.2-75.6)	47.5 (46.6-48.5)
Glomerulonephritis	96.7 (96.4-97.1)	90.7 (90.1-91.3)	83.4 (82.6-84.2)	59.1 (57.9-60.3)
Other cause	94.3 (94.1-94.5)	84.8 (84.4-85.2)	75.0 (74.5-75.4)	50.3 (49.7-51.0)
All	95.0 (94.8-95.1)	85.6 (85.3-85.9)	75.1 (74.8-75.5)	48.0 (47.5-48.5)

* 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.6.11

One-, two- and five-year survival probabilities (cohort 2000-2004): 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)	89.3 (84.8-92.5)
20-44	95.6 (95.2-96.0)	90.9 (90.2-91.5)	77.8 (76.8-78.6)
45-64	88.4 (88.0-88.8)	78.5 (78.1-79.0)	52.3 (51.9-52.7)
65-74	79.4 (79.0-79.9)	63.9 (63.4-64.3)	31.3 (31.1-31.5)
75+	71.0 (70.5-71.6)	51.2 (50.8-51.7)	17.7 (17.5-17.8)
Men	83.0 (82.7-83.3)	69.2 (68.9-69.5)	38.7 (38.5-39.0)
Women	82.7 (82.3-83.1)	69.6 (69.2-70.0)	40.1 (39.8-40.3)
Diabetes	79.8 (79.2-80.3)	62.8 (62.2-63.3)	27.9 (27.7-28.1)
Hypertension / renal vascular disease	80.2 (79.6-80.8)	64.7 (64.1-65.3)	32.7 (32.4-33.0)
Glomerulonephritis	91.7 (91.1-92.2)	83.4 (82.7-84.1)	58.2 (57.5-59.0)
Other cause	83.5 (83.2-83.9)	71.2 (70.9-71.6)	43.5 (43.2-43.8)
All	82.9 (82.7-83.1)	69.4 (69.1-69.6)	39.3 (39.1-39.4)

* 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.6.12

One-, two- and five-year survival probabilities (cohort 2000-2004): 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	97.5 (96.1-98.9)	96.3 (94.4-98.2)	85.5 (79.4-92.0)
20-44	95.7 (95.3-96.2)	90.9 (90.3-91.6)	76.8 (75.6-78.1)
45-64	89.2 (88.8-89.6)	79.7 (79.2-80.3)	53.1 (52.3-53.9)
65-74	80.8 (80.3-81.4)	65.8 (65.1-66.5)	32.7 (32.0-33.4)
75+	71.7 (71.0-72.5)	52.2 (51.3-53.0)	17.9 (17.3-18.6)
Men	87.2 (86.9-87.6)	76.1 (75.6-76.5)	47.3 (46.7-48.0)
Women	87.5 (87.1-87.8)	77.2 (76.7-77.7)	50.3 (49.6-51.0)
Diabetes	83.2 (82.6-83.8)	68.4 (67.6-69.1)	33.5 (32.7-34.4)
Hypertension / renal vascular disease	87.3 (86.7-87.8)	76.2 (75.4-76.9)	47.9 (46.9-49.0)
Glomerulonephritis	92.1 (91.5-92.7)	84.2 (83.4-85.1)	59.2 (58.0-60.5)
Other cause	87.1 (86.7-87.5)	77.0 (76.5-77.5)	51.4 (50.7-52.0)
All	87.3 (87.1-87.6)	76.5 (76.2-76.9)	48.5 (48.0-49.1)

* 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.6.13

90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident dialysis patients, unadjusted
from day 1 to 90 days, one, and two years, by age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.9 (97.8-99.4)	95.7 (93.8-97.0)	94.7 (92.6-96.3)
20-44	98.8 (98.6-99.0)	95.7 (95.3-96.1)	91.6 (91.0-92.1)
45-64	96.3 (96.1-96.5)	88.6 (88.2-88.9)	79.9 (79.5-80.2)
65-74	92.5 (92.2-92.8)	78.8 (78.4-79.2)	65.5 (65.1-65.9)
75+	88.1 (87.8-88.5)	69.2 (68.8-69.5)	51.9 (51.6-52.2)
Men	93.5 (93.3-93.7)	81.4 (81.1-81.6)	68.9 (68.6-69.2)
Women	92.9 (92.6-93.1)	80.7 (80.4-81.0)	68.8 (68.4-69.1)
Diabetes	94.3 (94.0-94.5)	81.6 (81.1-82.0)	66.9 (66.4-67.3)
Hypertension / renal vascular disease	93.2 (92.8-93.5)	79.8 (79.3-80.3)	65.7 (65.2-66.2)
Glomerulonephritis	97.2 (96.9-97.5)	90.8 (90.3-91.3)	83.0 (82.3-83.6)
Other cause	92.4 (92.2-92.6)	79.8 (79.5-80.1)	68.5 (68.2-68.9)
All	93.2 (93.1-93.4)	81.1 (80.9-81.3)	68.8 (68.6-69.1)

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

Table A.6.14

90-day, one- and two-year survival probabilities (cohort 2003-2007): Incident dialysis patients, adjusted from day 1 to 90 days, one, and two years, adjusted for age, gender, and primary diagnosis

	90 day Survival in % (95% CI)	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.8 (98.0-99.6)	95.4 (93.7-97.2)	94.4 (92.4-96.5)
20-44	98.8 (98.6-99.0)	95.8 (95.5-96.2)	91.6 (91.0-92.2)
45-64	96.5 (96.3-96.7)	89.2 (88.8-89.5)	80.8 (80.3-81.3)
65-74	93.1 (92.8-93.4)	80.1 (79.7-80.6)	67.2 (66.6-67.8)
75+	88.8 (88.5-89.2)	70.5 (69.9-71.0)	53.5 (52.8-54.1)
Men	95.7 (95.6-95.9)	87.1 (86.9-87.4)	77.6 (77.3-78.0)
Women	95.4 (95.3-95.6)	87.1 (86.8-87.4)	78.3 (77.8-78.7)
Diabetes	95.8 (95.5-96.0)	86.0 (85.6-86.4)	74.0 (73.4-74.5)
Hypertension / renal vascular disease	96.1 (95.9-96.4)	88.1 (87.6-88.5)	78.8 (78.2-79.3)
Glomerulonephritis	97.5 (97.2-97.8)	91.8 (91.3-92.3)	84.7 (84.0-85.4)
Other cause	94.6 (94.4-94.8)	85.4 (85.1-85.7)	76.6 (76.2-77.0)
All	95.6 (95.5-95.7)	87.1 (86.9-87.4)	77.9 (77.6-78.2)

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

Table A.6.15

One- and two-year survival probabilities (cohort 2003-2007): 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	96.2 (94.3-97.5)	95.5 (93.3-97.0)
20-44	96.0 (95.6-96.4)	91.7 (91.1-92.2)
45-64	89.6 (89.2-89.9)	80.7 (80.3-81.1)
65-74	81.3 (80.9-81.7)	67.8 (67.4-68.2)
75+	73.5 (73.0-73.9)	54.7 (54.4-55.1)
Men	83.6 (83.3-83.9)	70.7 (70.4-71.0)
Women	83.6 (83.2-83.9)	71.1 (70.7-71.5)
Diabetes	82.6 (82.1-83.0)	67.3 (66.8-67.7)
Hypertension / renal vascular disease	81.6 (81.1-82.1)	67.0 (66.4-67.5)
Glomerulonephritis	91.5 (90.9-91.9)	83.4 (82.7-84.0)
Other cause	83.2 (82.9-83.5)	71.6 (71.2-71.9)
All	83.6 (83.4-83.8)	70.8 (70.6-71.1)

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

Table A.6.16

One- and two-year survival probabilities (cohort 2003-2007): Incident dialysis patients, adjusted from day 91 to one and two years + 90 days, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	96.1 (95.7-96.4)	91.7 (91.1-92.3)
45-64	90.1 (89.7-90.5)	81.7 (81.2-82.2)
65-74	82.4 (81.9-82.9)	69.6 (69.0-70.1)
75+	74.4 (73.8-74.9)	56.2 (55.6-56.9)
Men	88.4 (88.2-88.7)	78.8 (78.4-79.1)
Women	88.8 (88.4-89.1)	79.7 (79.3-80.1)
Diabetes	86.5 (86.1-87.0)	74.2 (73.6-74.8)
Hypertension / renal vascular disease	89.0 (88.5-89.4)	79.4 (78.8-80.0)
Glomerulonephritis	92.2 (91.7-92.8)	85.1 (84.4-85.8)
Other cause	87.7 (87.4-88.0)	78.7 (78.3-79.2)
All	88.6 (88.4-88.8)	79.1 (78.8-79.5)

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

Table A.6.17

One-, two- and five-year survival probabilities (cohort 2000-2004): First transplant patients (deceased donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	98.5 (96.9-99.3)	97.8 (96.0-98.8)	95.6 (93.4-97.1)
20-44	98.0 (97.5-98.3)	97.1 (96.6-97.6)	93.7 (93.0-94.4)
45-64	95.1 (94.6-95.6)	92.8 (92.2-93.4)	84.6 (83.9-85.4)
65+	88.3 (86.6-89.8)	84.2 (82.4-85.9)	70.5 (68.6-72.3)
Men	95.3 (94.8-95.7)	93.4 (92.9-93.9)	86.4 (85.8-87.1)
Women	96.2 (95.6-96.7)	94.3 (93.7-94.9)	87.9 (87.1-88.7)
Diabetes	93.7 (92.6-94.7)	91.0 (89.7-92.2)	81.2 (79.7-82.7)
Hypertension / renal vascular disease	92.9 (91.5-94.1)	90.3 (88.7-91.7)	82.1 (80.3-83.8)
Glomerulonephritis	96.7 (96.0-97.2)	95.3 (94.6-96.0)	89.6 (88.6-90.6)
Other cause	96.2 (95.7-96.6)	94.5 (93.9-95.0)	88.2 (87.5-88.9)
All	95.6 (95.3-95.9)	93.8 (93.3-94.1)	87.0 (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.6.18

One-, two- and five-year survival probabilities (cohort 2000-2004): First transplant patients (deceased donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	98.1 (97.7-98.5)	97.3 (96.9-97.8)	94.1 (93.4-94.8)
45-64	95.4 (94.9-95.9)	93.3 (92.7-93.9)	85.4 (84.6-86.3)
65+	89.1 (87.4-90.9)	85.3 (83.4-87.3)	72.1 (69.6-74.7)
Men	96.9 (96.6-97.2)	95.6 (95.2-96.1)	90.7 (90.1-91.4)
Women	97.4 (97.0-97.8)	96.1 (95.6-96.6)	91.3 (90.6-92.1)
Diabetes	95.4 (94.5-96.2)	93.4 (92.3-94.4)	85.6 (84.2-87.2)
Hypertension / renal vascular disease	96.2 (95.5-97.0)	94.8 (93.8-95.7)	90.0 (88.6-91.3)
Glomerulonephritis	97.5 (97.0-98.0)	96.5 (95.9-97.1)	92.0 (91.1-92.9)
Other cause	97.3 (96.9-97.6)	96.0 (95.6-96.4)	91.3 (90.6-92.0)
All	97.1 (96.8-97.4)	95.8 (95.5-96.2)	91.0 (90.4-91.5)

* 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.6.19

One- and two-year survival probabilities (cohort 2003-2007): 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)	97.7 (95.9-98.7)
20-44	98.2 (97.8-98.6)	97.3 (96.9-97.7)
45-64	95.3 (94.8-95.7)	93.0 (92.5-93.5)
65+	89.0 (87.5-90.4)	84.9 (83.3-86.4)
Men	95.4 (95.0-95.8)	93.4 (92.9-93.9)
Women	96.5 (96.0-96.9)	94.6 (94.0-95.1)
Diabetes	93.4 (92.4-94.3)	90.7 (89.5-91.7)
Hypertension / renal vascular disease	93.2 (92.0-94.3)	90.4 (89.0-91.7)
Glomerulonephritis	97.1 (96.5-97.6)	95.7 (95.0-96.3)
Other cause	96.5 (96.1-96.9)	94.7 (94.2-95.2)
All	95.8 (95.5-96.1)	93.9 (93.5-94.2)

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

Table A.6.20

One- and two-year survival probabilities (cohort 2003-2007): 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	98.4 (98.0-98.7)	97.5 (97.1-97.9)
45-64	95.7 (95.2-96.1)	93.6 (93.0-94.1)
65+	90.1 (88.7-91.6)	86.4 (84.7-88.2)
Men	97.2 (96.9-97.5)	95.9 (95.5-96.3)
Women	97.6 (97.3-98.0)	96.4 (95.9-96.8)
Diabetes	95.4 (94.7-96.2)	93.5 (92.5-94.4)
Hypertension / renal vascular disease	96.5 (95.8-97.2)	95.0 (94.2-95.9)
Glomerulonephritis	97.8 (97.4-98.3)	96.8 (96.3-97.4)
Other cause	97.5 (97.2-97.8)	96.2 (95.8-96.6)
All	97.3 (97.1-97.6)	96.1 (95.8-96.4)

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

Table A.6.21

One-, two- and five-year survival probabilities (cohort 2000-2004): 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	97.9 (95.8-99.0)	97.9 (95.8-99.0)	97.1 (94.7-98.4)
20-44	98.7 (98.1-99.1)	98.2 (97.5-98.7)	96.5 (95.5-97.2)
45-64	96.3 (95.0-97.2)	95.0 (93.6-96.1)	91.1 (89.4-92.5)
65+	90.0 (84.2-93.7)	86.2 (80.1-90.5)	80.0 (73.8-84.9)
Men	96.9 (96.1-97.6)	96.2 (95.3-96.9)	93.7 (92.6-94.6)
Women	98.5 (97.6-99.0)	97.3 (96.3-98.1)	94.8 (93.4-95.8)
Diabetes	94.6 (91.2-96.7)	92.2 (88.6-94.7)	85.6 (81.5-88.9)
Hypertension / renal vascular disease	97.7 (95.0-98.9)	96.5 (93.5-98.1)	91.4 (87.7-94.1)
Glomerulonephritis	98.6 (97.7-99.2)	97.8 (96.6-98.5)	96.8 (95.5-97.7)
Other cause	97.1 (96.2-97.8)	96.4 (95.4-97.2)	93.8 (92.6-94.8)
All	97.5 (96.9-97.9)	96.6 (96.0-97.2)	94.1 (93.3-94.8)

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

Table A.6.22

One-, two- and five-year survival probabilities (cohort 2000-2004): First transplant patients (living donor), adjusted from day of transplant to one, two, and five years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19			
20-44	98.7 (98.2-99.2)	98.2 (97.5-98.8)	96.5 (95.6-97.4)
45-64	96.5 (95.4-97.6)	95.3 (94.0-96.5)	91.4 (89.7-93.1)
65+	91.3 (86.7-96.2)	87.7 (82.2-93.4)	82.5 (76.2-89.3)
Men	96.9 (96.2-97.7)	96.2 (95.4-97.1)	93.7 (92.5-94.8)
Women	98.4 (97.6-99.1)	97.2 (96.2-98.2)	94.4 (93.0-95.8)
Diabetes	95.0 (92.5-97.6)	92.9 (89.9-96.0)	86.8 (82.9-90.9)
Hypertension / renal vascular disease	98.3 (97.0-99.7)	97.4 (95.8-99.1)	93.6 (91.0-96.3)
Glomerulonephritis	98.5 (97.7-99.3)	97.6 (96.6-98.6)	96.5 (95.3-97.8)
Other cause	96.8 (95.9-97.7)	96.0 (95.0-97.0)	93.1 (91.8-94.4)
All	97.5 (96.9-98.0)	96.6 (95.9-97.2)	94.0 (93.1-94.9)

** 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.6.23

One- and two-year survival probabilities (cohort 2003-2007): First transplant patients (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	98.1 (96.2-99.1)	98.1 (96.2-99.1)
20-44	99.2 (98.7-99.5)	98.7 (98.2-99.1)
45-64	97.2 (96.4-97.9)	95.9 (94.9-96.7)
65+	93.1 (89.3-95.6)	89.6 (85.4-92.6)
Men	97.8 (97.2-98.3)	96.9 (96.2-97.5)
Women	98.5 (97.8-99.0)	97.5 (96.7-98.2)
Diabetes	95.2 (92.7-96.9)	92.0 (89.1-94.2)
Hypertension / renal vascular disease	96.7 (94.4-98.1)	96.2 (93.7-97.7)
Glomerulonephritis	99.2 (98.5-99.6)	98.5 (97.7-99.1)
Other cause	98.0 (97.3-98.5)	97.2 (96.4-97.8)
All	98.0 (97.6-98.4)	97.1 (96.6-97.6)

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

Table A.6.24

One- and two-year survival probabilities (cohort 2003-2007): First transplant patients (living donor), adjusted from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19		
20-44	99.2 (98.8-99.6)	98.8 (98.3-99.2)
45-64	97.4 (96.7-98.2)	96.2 (95.2-97.1)
65+	95.1 (92.4-97.8)	92.7 (89.5-96.1)
Men	98.2 (97.7-98.7)	97.5 (96.8-98.1)
Women	98.5 (97.9-99.1)	97.7 (96.9-98.4)
Diabetes	96.2 (94.5-98.0)	93.6 (91.4-95.9)
Hypertension / renal vascular disease		
Glomerulonephritis		
Other cause	98.0 (97.4-98.6)	97.2 (96.4-97.9)
All	98.3 (97.9-98.7)	97.5 (97.0-98.0)

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

Table A.6.25

One-, two- and five-year survival probabilities (cohort 2000-2004): First graft (deceased donor), unadjusted
from day of transplant to one, two, and five years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)	5 year Survival in % (95% CI)
ALL COUNTRIES *			
0-19	92.6 (90.0-94.5)	89.5 (86.7-91.8)	78.8 (75.7-81.6)
20-44	92.2 (91.5-92.9)	90.0 (89.2-90.8)	82.4 (81.4-83.3)
45-64	89.9 (89.2-90.5)	87.1 (86.3-87.8)	76.9 (76.1-77.7)
65+	82.4 (80.5-84.1)	77.4 (75.5-79.2)	63.6 (61.8-65.3)
Men	90.1 (89.5-90.7)	87.3 (86.6-87.9)	77.4 (76.6-78.1)
Women	90.1 (89.3-90.8)	87.4 (86.5-88.2)	78.3 (77.3-79.2)
Diabetes	90.3 (88.9-91.4)	87.1 (85.7-88.4)	75.2 (73.6-76.7)
Hypertension / renal vascular disease	86.5 (84.8-88.0)	82.6 (80.7-84.2)	72.1 (70.2-73.8)
Glomerulonephritis	91.1 (90.1-91.9)	88.7 (87.6-89.6)	79.1 (78.0-80.2)
Other cause	90.5 (89.8-91.1)	87.8 (87.0-88.5)	78.8 (78.0-79.6)
All	90.1 (89.7-90.6)	87.3 (86.8-87.8)	77.7 (77.1-78.3)

** 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.6.26

One-, two- and five-year survival probabilities (cohort 2000-2004): 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	92.2 (89.7-94.7)	88.9 (86.0-91.9)	77.6 (73.8-81.6)
20-44	92.4 (91.6-93.2)	90.2 (89.4-91.1)	82.7 (81.6-83.8)
45-64	90.1 (89.4-90.8)	87.4 (86.6-88.2)	77.3 (76.3-78.4)
65+	83.1 (81.0-85.3)	78.2 (75.9-80.6)	64.6 (61.9-67.4)
Men	91.1 (90.4-91.7)	88.5 (87.8-89.2)	79.2 (78.3-80.1)
Women	90.9 (90.1-91.7)	88.3 (87.4-89.2)	79.6 (78.4-80.7)
Diabetes	90.9 (89.6-92.2)	87.9 (86.4-89.4)	76.5 (74.6-78.4)
Hypertension / renal vascular disease	88.7 (87.0-90.3)	85.3 (83.4-87.1)	76.1 (73.8-78.4)
Glomerulonephritis	91.4 (90.5-92.4)	89.1 (88.1-90.2)	80.0 (78.6-81.4)
Other cause	91.0 (90.3-91.7)	88.5 (87.7-89.3)	79.9 (78.9-80.9)
All	91.0 (90.5-91.5)	88.4 (87.8-89.0)	79.3 (78.6-80.1)

* 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.6.27

One- and two-year survival probabilities (cohort 2003-2007): 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	90.7 (88.0-92.8)	89.0 (86.2-91.2)
20-44	92.6 (91.9-93.3)	90.1 (89.3-90.8)
45-64	89.7 (89.0-90.3)	86.7 (86.1-87.4)
65+	82.4 (80.7-83.9)	78.1 (76.4-79.8)
Men	89.9 (89.3-90.4)	86.9 (86.3-87.5)
Women	90.2 (89.5-90.9)	87.5 (86.7-88.2)
Diabetes	88.9 (87.6-90.0)	85.3 (84.0-86.5)
Hypertension / renal vascular disease	86.8 (85.3-88.2)	83.2 (81.6-84.7)
Glomerulonephritis	90.9 (90.0-91.8)	88.3 (87.3-89.2)
Other cause	90.6 (90.0-91.2)	87.9 (87.2-88.5)
All	90.0 (89.6-90.4)	87.1 (86.6-87.6)

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

Table A.6.28

One- and two-year survival probabilities (cohort 2003-2007): 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	90.3 (87.6-93.1)	88.5 (85.6-91.5)
20-44	92.8 (92.1-93.5)	90.2 (89.4-91.0)
45-64	89.9 (89.3-90.6)	87.1 (86.4-87.9)
65+	83.3 (81.4-85.2)	79.1 (77.1-81.3)
Men	91.0 (90.4-91.6)	88.3 (87.7-89.0)
Women	91.0 (90.3-91.8)	88.4 (87.6-89.3)
Diabetes	89.8 (88.6-91.0)	86.5 (85.1-87.9)
Hypertension / renal vascular disease	89.1 (87.7-90.5)	86.1 (84.5-87.7)
Glomerulonephritis	91.4 (90.5-92.3)	88.9 (87.9-90.0)
Other cause	91.2 (90.6-91.9)	88.7 (88.0-89.4)
All	91.0 (90.6-91.5)	88.4 (87.9-88.9)

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

Table A.6.29

One-, two- and five-year survival probabilities (cohort 2000-2004): 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	93.8 (90.9-95.8)	92.7 (89.6-94.8)	85.3 (81.7-88.2)
20-44	94.5 (93.4-95.5)	92.7 (91.5-93.8)	86.6 (85.2-88.0)
45-64	93.6 (92.1-94.9)	91.8 (90.2-93.2)	85.5 (83.6-87.2)
65+	85.4 (79.3-89.8)	80.8 (74.6-85.6)	76.2 (70.0-81.2)
Men	93.6 (92.6-94.5)	92.0 (90.8-93.0)	85.7 (84.4-86.9)
Women	94.1 (92.7-95.3)	91.9 (90.3-93.2)	85.7 (83.9-87.3)
Diabetes	90.7 (86.9-93.4)	87.2 (83.1-90.3)	77.0 (72.8-80.7)
Hypertension / renal vascular disease	94.2 (90.8-96.3)	90.6 (86.8-93.4)	80.1 (75.8-83.7)
Glomerulonephritis	95.4 (94.0-96.6)	93.8 (92.2-95.1)	88.2 (86.2-89.9)
Other cause	92.9 (91.7-94.0)	91.2 (89.9-92.4)	85.5 (84.0-86.9)
All	93.8 (93.0-94.5)	91.9 (91.0-92.7)	85.7 (84.6-86.7)

* 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.6.30

One-, two- and five-year survival probabilities (cohort 2000-2004): 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	94.2 (91.7-96.9)	93.0 (90.2-95.9)	85.6 (81.7-89.6)
20-44	94.3 (93.2-95.4)	92.4 (91.1-93.7)	85.9 (84.3-87.7)
45-64	93.6 (92.1-95.1)	91.7 (90.0-93.4)	85.1 (83.0-87.4)
65+	86.3 (80.6-92.5)	81.7 (75.2-88.7)	77.8 (70.9-85.4)
Men	93.4 (92.3-94.5)	91.6 (90.3-92.8)	84.9 (83.3-86.6)
Women	93.8 (92.3-95.2)	91.4 (89.7-93.1)	84.8 (82.6-87.0)
Diabetes	90.7 (87.2-94.3)	87.2 (83.2-91.4)	77.0 (72.1-82.4)
Hypertension / renal vascular disease	94.3 (91.5-97.1)	90.9 (87.4-94.4)	80.6 (75.9-85.5)
Glomerulonephritis	95.3 (94.0-96.7)	93.7 (92.1-95.3)	87.9 (85.8-90.1)
Other cause	92.7 (91.4-94.0)	90.9 (89.5-92.4)	84.9 (83.1-86.8)
All	93.5 (92.6-94.4)	91.5 (90.5-92.6)	84.9 (83.6-86.3)

* 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.6.31

One- and two-year survival probabilities (cohort 2003-2007): First graft (living donor), unadjusted
from day of transplant to one and two years, by age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	93.9 (91.2-95.8)	92.9 (90.0-94.9)
20-44	95.3 (94.3-96.0)	93.6 (92.6-94.5)
45-64	94.8 (93.7-95.7)	92.8 (91.6-93.9)
65+	90.0 (85.9-93.0)	86.1 (81.8-89.5)
Men	94.7 (93.9-95.4)	93.0 (92.0-93.8)
Women	94.7 (93.6-95.6)	92.7 (91.5-93.8)
Diabetes	91.8 (88.8-94.0)	87.8 (84.5-90.4)
Hypertension / renal vascular disease	93.2 (90.3-95.2)	91.2 (88.2-93.5)
Glomerulonephritis	96.0 (94.8-97.0)	93.6 (92.2-94.8)
Other cause	94.2 (93.2-95.0)	92.9 (91.8-93.8)
All	94.7 (94.1-95.3)	92.9 (92.1-93.5)

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

Table A.6.32

One- and two-year survival probabilities (cohort 2003-2007): First graft (living donor), adjusted
from day of transplant to one and two years, adjusted for age, gender, and primary diagnosis

	1 year Survival in % (95% CI)	2 year Survival in % (95% CI)
ALL COUNTRIES *		
0-19	93.3 (90.6-96.0)	92.1 (89.2-95.1)
20-44	95.0 (94.1-96.0)	93.4 (92.3-94.4)
45-64	94.6 (93.5-95.7)	92.5 (91.1-93.8)
65+	91.1 (87.4-95.0)	88.0 (83.7-92.4)
Men	94.6 (93.7-95.5)	92.8 (91.8-93.8)
Women	94.2 (93.0-95.4)	92.0 (90.6-93.4)
Diabetes	91.9 (89.2-94.7)	87.9 (84.7-91.3)
Hypertension / renal vascular disease	93.4 (90.9-95.9)	91.5 (88.7-94.4)
Glomerulonephritis	95.9 (94.8-97.1)	93.4 (92.0-94.9)
Other cause	94.0 (93.0-95.0)	92.7 (91.5-93.8)
All	94.4 (93.7-95.2)	92.5 (91.7-93.3)

** 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 (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England and Wales) and United Kingdom (Scotland)*

Figure A.6.1
**Adjusted survival (cohort 2000-2004):
 Incident dialysis patients and patients receiving
 a first transplant (between 2000 and 2004)**
*from day 91, by modality,
 adjusted for age, gender, and primary diagnosis*

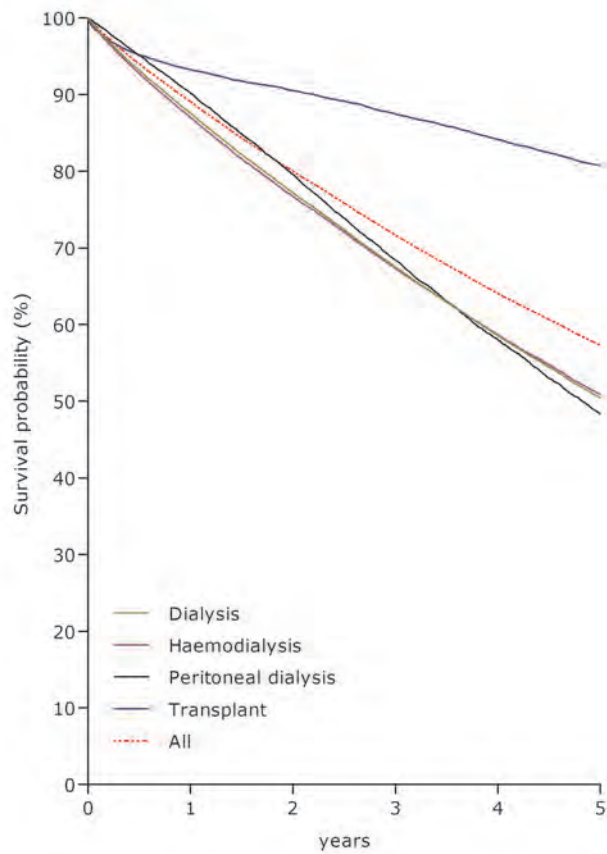


Figure A.6.2
**Adjusted survival (cohort 2000-2004):
 Incident haemodialysis patients**
*from day 91, by primary diagnosis,
 adjusted for age and gender*

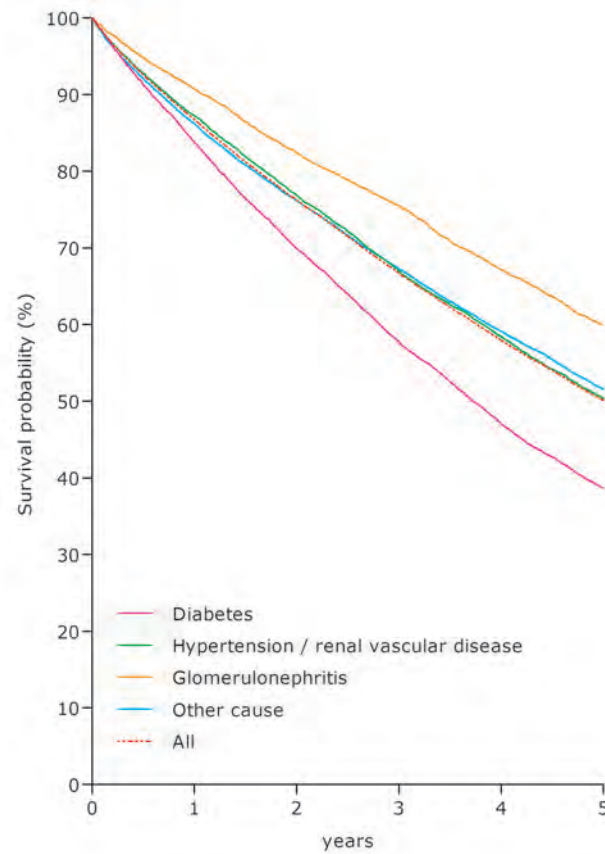


Figure A.6.3
**Adjusted survival (cohort 2000-2004):
 Incident peritoneal dialysis patients**
*from day 91, by primary diagnosis,
 adjusted for age and gender*

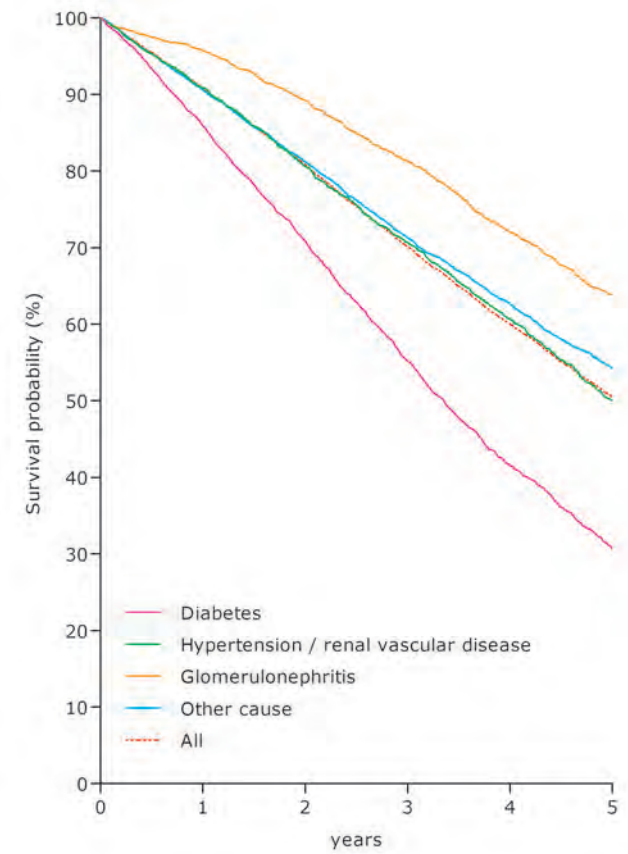


Table A.7.1

**Expected remaining lifetimes (years) of the general population in 2005,
and of prevalent dialysis and transplant patients in 2008 and 2009 (includes mortality in the first 90 days)**

by age and gender

General population				ESRD: Dialysis				ESRD: Transplant			
Age	All	Men	Women	Age	All	Men	Women	Age	All	Men	Women
0	79.4	76.7	81.9	0-19	35.2	36.7	33.1	0-19	60.7	60.0	62.2
5	74.8	72.1	77.3								
10	69.8	67.2	72.3								
15	64.9	62.2	67.4								
20	60.0	57.4	62.4	20-24	19.9	20.4	19.2	20-24	42.7	42.0	44.2
25	55.1	52.6	57.5	25-29	17.0	17.5	16.2	25-29	38.2	37.5	39.5
30	50.3	47.8	52.6	30-34	15.0	15.0	14.9	30-34	34.2	33.6	35.5
35	45.4	43.0	47.7	35-39	12.8	12.7	12.8	35-39	30.2	29.5	31.7
40	40.6	38.2	42.9	40-44	10.6	10.4	10.9	40-44	26.3	25.4	27.9
45	35.9	33.6	38.1	45-49	9.1	8.9	9.5	45-49	22.5	21.7	24.0
50	31.3	29.1	33.4	50-54	7.7	7.5	7.9	50-54	19.0	18.3	20.5
55	26.9	24.7	28.8	55-59	6.5	6.4	6.8	55-59	15.8	15.1	17.1
60	22.6	20.6	24.4	60-64	5.6	5.5	5.6	60-64	12.8	12.4	13.7
65	18.6	16.7	20.1	65-69	4.8	4.7	4.9	65-69	9.9	9.6	10.6
70	14.7	13.1	16.0	70-74	4.1	4.0	4.2	70-74	7.5	7.5	7.8
75	11.3	10.0	12.3	75-79	3.4	3.4	3.4				
80	8.4	7.4	9.0	80-84	2.5	2.5	2.5				
85	6.1	5.4	6.5								

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

III Reference Tables - Section B

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

	General population of whole country/region in thousands	% Coverage of general population by the registry
Bosnia and Herzegovina	3508	100
Bulgaria	7563	97.0
Croatia	4437	100
Czech Republic	10507	100
Estonia	1336	100
France (20 of 26 regions)	63910	90.0
FYR of Macedonia	2022	100
Israel	7486	100
Italy (14 of 20 regions)	60340	59.3
Latvia	2247	100
Montenegro	633	100
Poland	38125	85.0
Portugal	10627	100
Russia	141904	100
Serbia	7450	100
Slovakia	5426	81.6
Spain (17 of 19 regions)	46746	82.2
Turkey	72562	99.0
Ukraine	45963	100

Table B.1.2

Renal centres: total number of centres and number of collaborating centres

	Total number of renal centres of whole country/region	Number of renal centres collaborating with the registry
Bosnia and Herzegovina	25	25
Bulgaria	65	63
Croatia	49	49
Czech Republic	95	95
Estonia	3	3
France (20 of 26 regions)	1048	890
FYR of Macedonia	18	18
Israel	66	66
Italy (14 of 20 regions)	658	390
Latvia	20	20
Montenegro	10	10
Poland	237	230
Portugal	112	112
Russia	319	280
Serbia	46	46
Slovakia	71	58
Spain (17 of 19 regions)	334	320
Turkey	843	839
Ukraine	71	71

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia and Herzegovina	549	156.5	320	186.2	229	128.0
Bulgaria	941	128.3	484	136.4	457	120.7
Croatia	695	156.6	407	190.6	288	125.1
Czech Republic †	1905	181.3				
Estonia	68	50.9	37	60.2	31	43.0
France (20 of 26 regions) ‡	8560	148.8	5376	192.3	3184	107.7
FYR of Macedonia	196	96.9	113	111.3	83	82.4
Israel	1450	193.7	893	241.3	556	146.9
Italy (14 of 20 regions) † §	5600	156.5	3508	201.9	2092	113.6
Latvia	200	89.0	122	117.6	78	64.5
Montenegro	19	30.0	11	35.3	8	24.9
Poland	5072	133.0				
Portugal	2548	239.8				
Russia	4615	32.5	2552	38.9	2063	27.1
Serbia	1332	178.8	802	221.3	530	138.5
Slovakia †	784	177.1	441	204.9	343	150.7
Spain (17 of 19 regions)	4937	128.5	3198	168.3	1739	89.5
Turkey †	18627	259.3	10522	291.5	8105	226.8
Ukraine #	868	18.9	487	23.0	381	15.4

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia and Herzegovina	100	60.7	14.9	63.0	58.3	60.0	15.4	62.0	41.7	61.7	14.3	65.0
Bulgaria	100				51.4				48.6			
Croatia	100	64.8	14.3	67.0	58.6	64.3	13.8	66.0	41.4	65.6	14.9	70.0
Czech Republic												
Estonia	100	60.0	14.9	65.5	54.4	60.0	14.9	67.0	45.6	60.0	14.3	62.0
France (20 of 26 regions) ‡	100	66.4	16.8	70.2	62.8	66.4	16.5	70.0	37.2	66.3	17.3	70.7
FYR of Macedonia	100	61.1	13.5	62.0	57.7	61.6	13.2	62.0	42.3	60.4	13.9	62.0
Israel	100	64.8	16.8	67.6	61.6	64.8	16.8	67.1	38.3	64.7	16.8	68.5
Italy (14 of 20 regions) † §	100	67.9	15.2	71.5	62.6	67.8	14.8	71.1	37.4	68.2	15.7	72.1
Latvia	100	62.5	15.9	64.5	61.0	62.1	16.1	65.5	39.0	63.1	15.7	64.0
Montenegro	100	51.9	8.2	55.0	57.9	52.3	9.3	57.0	42.1	51.4	5.7	51.5
Poland												
Portugal												
Russia	100	47.6	15.7	50.0	55.3	46.5	15.4	49.0	44.7	49.0	15.9	51.0
Serbia	100	57.1			60.2	57.9			39.8	55.9		
Slovakia †	100	63.2	14.2	65.0	56.3	62.1	13.8	63.0	43.8	64.7	14.5	67.0
Spain (17 of 19 regions)	100	62.5	0.9		64.8	62.5	1.2		35.2	62.6	1.6	
Turkey †	100	55.5		58.6	56.5	54.9		57.8	43.5	56.1		59.7
Ukraine #	100				56.1				43.9			

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

When cells are left empty, the data are unavailable

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

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

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia and Herzegovina	172.6	204.7	139.7
Bulgaria			
Croatia	169.9	221.0	131.4
Czech Republic			
Estonia	50.3	67.0	39.1
France (20 of 26 regions) ‡	147.5	187.2	107.8
FYR of Macedonia	129.4	148.4	108.9
Israel			
Italy (14 of 20 regions) † §	135.1	169.4	99.9
Latvia			
Montenegro	31.6	38.5	25.3
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	205.8	254.7	165.7
Spain (17 of 19 regions)	126.1	162.3	88.7
Turkey †	434.5	484.5	383.3
Ukraine			

When cells are left empty, the data are unavailable

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Bosnia and Herzegovina	156.5	100	17.1	10.9	23.1	14.8	4.6	2.9	16.0	10.2	31.1	19.9	47.0	30.1	14.8	9.5	1.4	0.9	36.2	23.1	12.3	7.8	0	0
Bulgaria	128.3	100	20.7	16.2	16.6	13.0	12.4	9.7					22.6	17.6	14.6	11.4	15.4	12.0	15.8	12.3	7.8	6.1	2.3	1.8
Croatia	156.6	100	14.6	9.4	14.9	9.5	6.5	4.2					43.0	27.5	26.6	17.0	2.7	1.7	16.7	10.6	4.5	2.9	27.0	17.3
Czech Republic																								
Estonia	50.9	100	7.5	14.7	7.5	14.7	3.0	5.9	6.0	11.8	9.0	17.6	15.0	29.4	9.0	17.6	0	0	9.0	17.6	0	0	0	0
France (20 of 26 regions) ‡ *	148.8	100	17.1	11.5	5.5	3.7	9.1	6.1					32.7	22.0	34.1	22.9	1.8	1.2	24.1	16.2	22.5	15.1	1.8	1.2
FYR of Macedonia	96.9	100	6.4	6.6	8.9	9.2	7.4	7.7	1.5	1.5	25.7	26.5	27.2	28.1	20.8	21.4	1.0	1.0	5.9	6.1	19.3	19.9	0	0
Israel	193.7	100	11.2	5.8	5.6	2.9	5.9	3.0	48.1	24.8	35.1	18.1	83.2	43.0	15.5	8.0	7.9	4.1	20.7	10.7	29.4	15.2	14.3	7.4
Italy (14 of 20 regions) † §	156.5	100	23.0	14.7	8.2	5.2	9.4	6.0					30.8	19.7	33.4	21.4	1.8	1.1	10.6	6.8	36.5	23.4	2.8	1.8
Latvia	89.0	100	11.6	13.0	21.4	24.0	6.2	7.0	0.9	1.0	12.0	13.5	12.9	14.5	12.9	14.5	0.9	1.0	13.4	15.0	9.8	11.0	0	0
Montenegro	30.0	100	9.5	31.6	3.2	10.5	0	0	6.3	21.1	1.6	5.3	7.9	26.3	6.3	21.1	0	0	3.2	10.5	0	0	0	0
Poland	133.0	100	23.3	17.5	13.2	10.0	5.5	4.1					31.9	24.0	19.4	14.6	0.3	0.2	17.3	13.0	9.7	7.3	12.4	9.3
Portugal & +	239.8	100	20.4	8.5			12.3	5.1					72.4	30.2	38.1	15.9			46.3	19.3	47.3	19.7	2.9	1.2
Russia	32.5	100	10.6	32.6	3.9	12.0	2.8	8.7	2.6	8.1	2.7	8.4	5.4	16.5	2.4	7.2	0.1	0.3	4.8	14.9	2.5	7.8	0	0
Serbia	178.8	100	17.7	9.9	12.9	7.2	9.4	5.3	9.7	5.4	29.5	16.5	39.2	21.9	39.2	21.9	5.4	3.0	38.0	21.2	17.0	9.5	0	0
Slovakia †	177.1	100	15.8	8.9	20.1	11.4	6.3	3.6					63.2	35.7	12.2	6.9	8.1	4.6	47.9	27.0	3.4	1.9	0	0
Spain (17 of 19 regions) // ¶	128.5	100	15.4	12.0	11.0	8.5	9.9	7.7					28.0	21.8	18.7	14.6			17.3	13.4	28.3	22.0	0	0
Turkey †	259.3	100	19.6	7.6	7.0	2.7	8.0	3.1	16.3	6.3	71.3	27.5	87.6	33.8	68.5	26.4	3.3	1.3	25.3	9.7	37.5	14.4	2.6	1.0
Ukraine + #	18.9	100	7.9	42.1	2.9	15.2	1.7	9.0					3.8	20.0	0.8	4.0			1.8	9.7	0	0	0	0

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

When cells are left empty, the data are unavailable

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

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

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

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

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

Data do not include the Zaporizhya region

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia and Herzegovina	490	139.7	288	167.5	202	112.9
Bulgaria †	772	105.2	361	101.7	411	108.5
Croatia	593	133.6	342	160.2	251	109.0
Czech Republic †	1584	150.8				
Estonia	66	49.4	36	58.5	30	41.6
France (20 of 26 regions) ‡	7783	135.3	4891	174.9	2892	97.8
FYR of Macedonia	165	81.6	92	90.6	73	72.5
Israel	1332	177.9	823	222.4	509	134.5
Italy (14 of 20 regions) † §	5415	151.3	3386	194.9	2029	110.1
Latvia	161	71.7	100	96.4	61	50.4
Montenegro	17	26.9	10	32.1	7	21.8
Poland						
Portugal						
Russia						
Serbia	1012	135.8	607	167.5	405	105.8
Slovakia †	624	140.9	358	166.4	266	116.9
Spain (17 of 19 regions)						
Turkey †	14142	196.9	7960	220.5	6182	173.0
Ukraine #	719	15.6				

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

Data do not include the Zaporizhya region

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia and Herzegovina	100	60.4	14.9	62.0	58.8	59.9	15.1	61.0	41.2	61.1	14.7	64.0
Bulgaria †	100				46.8				53.2			
Croatia	100	63.8	14.3	66.0	57.7	63.2	14.3	65.0	42.3	64.6	13.7	68.0
Czech Republic												
Estonia	100	61.1	14.9	65.5	54.5	62.0	14.9	67.5	45.5	60.0	14.4	61.5
France (20 of 26 regions) ‡	100	65.5	17.0	69.3	62.8	65.6	16.7	69.1	37.2	65.5	17.5	69.5
FYR of Macedonia	100	60.0	13.3	61.0	55.8	60.3	12.7	61.0	44.2	59.6	14.0	61.0
Israel	100	63.9	16.8	66.5	61.8	63.8	16.6	65.9	38.2	63.9	17.1	67.8
Italy (14 of 20 regions) † §	100	67.7	15.2	71.1	62.5	67.5	14.9	70.8	37.5	67.9	15.8	72.0
Latvia	100	61.2	15.9	63.0	62.1	61.0	16.1	64.0	37.9	61.6	15.8	63.0
Montenegro	100	51.0	9.9	54.5	58.8	50.8	11.7	52.0	41.2	51.3	5.7	57.0
Poland												
Portugal												
Russia												
Serbia	100	56.4			60.0	57.0			40.0	55.5		
Slovakia †	100	62.0	14.3	64.0	57.4	60.9	13.5	62.0	42.6	63.4	15.6	66.0
Spain (17 of 19 regions)												
Turkey †	100	55.1		58.2	56.3	54.7		57.4	43.7	55.7		59.3
Ukraine												

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia and Herzegovina	154.2	184.5	123.4
Bulgaria			
Croatia	142.0	181.0	112.3
Czech Republic			
Estonia	48.9	65.4	37.8
France (20 of 26 regions) ‡	134.7	171.2	98.2
FYR of Macedonia	105.0	116.9	94.0
Israel			
Italy (14 of 20 regions) † §	130.8	164.0	97.0
Latvia			
Montenegro	28.2	34.6	22.3
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	161.2	198.8	131.0
Spain (17 of 19 regions)			
Turkey †	326.9	364.1	288.8
Ukraine			

When cells are left empty, the data are unavailable

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I		Type II		Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
									Pmp	%	Pmp	%	Pmp	%										
Bosnia and Herzegovina	139.7	100	16.2	11.6	20.5	14.7	4.3	3.1	15.1	10.8	27.9	20.0	43.0	30.8	14.5	10.4	1.1	0.8	31.1	22.2	8.8	6.3	0	0
Bulgaria																								
Croatia	133.6	100	14.2	10.6	11.9	8.9	6.3	4.7					37.9	28.3	23.0	17.2	2.0	1.5	13.1	9.8	3.6	2.7	21.6	16.2
Czech Republic																								
Estonia	49.4	100	6.7	13.6	7.5	15.2	3.0	6.1	6.0	12.1	8.2	16.7	14.2	28.8	9.0	18.2	0	0	9.0	18.2	0	0	0	0
France (20 of 26 regions) ‡ *	135.3	100	16.3	12.0	5.1	3.8	9.0	6.6					34.1	25.2	31.2	23.1	1.7	1.2	20.8	15.4	15.6	11.5	1.6	1.2
FYR of Macedonia	81.6	100	6.4	7.9	6.9	8.5	7.4	9.1	1.5	1.8	20.3	24.8	21.8	26.7	19.3	23.6	1.0	1.2	5.9	7.3	12.9	15.8	0	0
Israel	177.9	100	10.6	5.9	5.3	3.0	5.7	3.2	44.9	25.2	32.6	18.3	77.5	43.5	14.7	8.3	7.1	4.0	18.3	10.3	27.4	15.4	11.4	6.4
Italy (14 of 20 regions) † §	151.3	100	22.4	14.8	8.0	5.3	9.2	6.1					30.0	19.9	31.7	20.9	1.7	1.1	10.1	6.7	35.6	23.6	2.5	1.6
Latvia	71.7	100	10.2	14.3	16.9	23.6	5.3	7.5	0.9	1.2	10.7	14.9	11.6	16.1	9.8	13.7	0.4	0.6	9.8	13.7	7.6	10.6	0	0
Montenegro	26.9	100	7.9	29.4	3.2	11.8	0	0	6.3	23.5	1.6	5.9	7.9	29.4	6.3	23.5	0	0	1.6	5.9	0	0	0	0
Poland																								
Portugal																								
Russia																								
Serbia	135.8	100	15.7	11.6	9.4	6.9	9.3	6.8	7.1	5.2	22.1	16.3	29.3	21.5	29.5	21.7	3.9	2.9	23.8	17.5	15.0	11.1	0	0
Slovakia †	140.9	100	13.6	9.6	16.3	11.5	5.9	4.2					50.8	36.1	11.1	7.9	5.9	4.2	36.4	25.8	1.1	0.8	0	0
Spain (17 of 19 regions)																								
Turkey †	196.9	100	15.0	7.6	5.7	2.9	6.7	3.4	13.9	7.1	57.1	29.0	71.0	36.1	54.3	27.6	2.3	1.2	17.4	8.8	22.7	11.5	1.7	0.8
Ukraine																								

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

When cells are left empty, the data are unavailable

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

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Bosnia and Herzegovina	490	427	0	3	0	29	459	1	28	0	29	1	0	0	1	1
Bulgaria †	772	757	0	0	0	0	757	2	13	0	15					0
Croatia	593	480	0	26	15	5	526	6	48	6	60	6	0	1	7	0
Czech Republic †	1584		0	1492			1492			92	92					0
Estonia	66	23	0	0	0	11	34	4	19	0	23	4	5	0	9	0
France (20 of 26 regions) ‡	7783	5963	0	0	6	509	6478	221	547	0	768	84	366	87	537	0
FYR of Macedonia	165	159	0	0	0	0	159	0	3	0	3	3	0	0	3	0
Israel	1332	1163	0	0	0	0	1163	67	55	1	123	35	1	10	46	0
Italy (14 of 20 regions) † §	5415	3915	15	537	84	158	4709	271	387	0	658					48
Latvia	161	145	0	0			145			15	15	0	1	0	1	0
Montenegro	17	13	0	0	0	0	13	0	0	0	0	3	1	0	4	0
Poland																
Portugal																
Russia																
Serbia	1012	712	2	0	0	108	822	6	146	0	152	0	0	0	0	38
Slovakia †	624	421	0	0	0	176	597	12	15	0	27					
Spain (17 of 19 regions)																
Turkey †	14142	12435	1	0	1	193	12630	365	1147	0	1512					0
Ukraine #	719	600	0				600			119	119					0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

Data do not include the Zaporizhya region

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
		Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp		Pmp
Bosnia and Herzegovina	139.7	121.7	0	0.9	0	8.3	130.8	0.3	8.0	0	8.3	0.3	0	0	0.3	0.3
Bulgaria †	105.2	103.2	0	0	0	0	103.2	0.3	1.8	0	2.0					0
Croatia	133.6	108.2	0	5.9	3.4	1.1	118.5	1.4	10.8	1.4	13.5	1.4	0	0.2	1.6	0
Czech Republic †	150.8		0	142.0			142.0			8.8	8.8					0
Estonia	49.4	17.2	0	0	0	8.2	25.4	3.0	14.2	0	17.2	3.0	3.7	0	6.7	0
France (20 of 26 regions) ‡	135.3	103.7	0	0	0.1	8.8	112.6	3.8	9.5	0	13.4	1.5	6.4	1.5	9.3	0
FYR of Macedonia	81.6	78.6	0	0	0	0	78.6	0	1.5	0	1.5	1.5	0	0	1.5	0
Israel	177.9	155.4	0	0	0	0	155.4	9.0	7.3	0.1	16.4	4.7	0.1	1.3	6.1	0
Italy (14 of 20 regions) † §	151.3	109.4	0.4	15.0	2.3	4.4	131.6	7.6	10.8	0	18.4					1.3
Latvia	71.7	64.5	0	0			64.5			6.7	6.7	0	0.4	0	0.4	0
Montenegro	26.9	20.5	0	0	0	0	20.5	0	0	0	0	4.7	1.6	0	6.3	0
Poland																
Portugal																
Russia																
Serbia	135.8	95.6	0.3	0	0	14.5	110.3	0.8	19.6	0	20.4	0	0	0	0	5.1
Slovakia †	140.9	95.1	0	0	0	39.8	134.8	2.7	3.4	0	6.1					
Spain (17 of 19 regions)																
Turkey †	196.9	173.1	0	0	0	2.7	175.8	5.1	16.0	0	21.0					0
Ukraine #	15.6	13.1	0				13.1			2.6	2.6					0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

Data do not include the Zaporizhya region

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
		%	%	%	%	%	%	%	%	%	%	%	%	%		%
Bosnia and Herzegovina	100	87.1	0	0.6	0	5.9	93.7	0.2	5.7	0	5.9	0.2	0	0	0.2	0.2
Bulgaria †	100	98.1	0	0	0	0	98.1	0.3	1.7	0	1.9					0
Croatia	100	80.9	0	4.4	2.5	0.8	88.7	1.0	8.1	1.0	10.1	1.0	0	0.2	1.2	0
Czech Republic †	100		0	94.2			94.2			5.8	5.8					0
Estonia	100	34.8	0	0	0	16.7	51.5	6.1	28.8	0	34.8	6.1	7.6	0	13.6	0
France (20 of 26 regions) ‡	100	76.6	0	0	0.1	6.5	83.2	2.8	7.0	0	9.9	1.1	4.7	1.1	6.9	0
FYR of Macedonia	100	96.4	0	0	0	0	96.4	0	1.8	0	1.8	1.8	0	0	1.8	0
Israel	100	87.3	0	0	0	0	87.3	5.0	4.1	0.1	9.2	2.6	0.1	0.8	3.5	0
Italy (14 of 20 regions) † §	100	72.3	0.3	9.9	1.6	2.9	87.0	5.0	7.1	0	12.2					0.9
Latvia	100	90.1	0	0			90.1			9.3	9.3	0	0.6	0	0.6	0
Montenegro	100	76.5	0	0	0	0	76.5	0	0	0	0	17.6	5.9	0	23.5	0
Poland																
Portugal																
Russia																
Serbia	100	70.4	0.2	0	0	10.7	81.2	0.6	14.4	0	15.0	0	0	0	0	3.8
Slovakia †	100	67.5	0	0	0	28.2	95.7	1.9	2.4	0	4.3					
Spain (17 of 19 regions)																
Turkey †	100	87.9	0	0	0	1.4	89.3	2.6	8.1	0	10.7					0
Ukraine #	100	83.4	0				83.4			16.6	16.6					0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

Data do not include the Zaporizhya region

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

	All		Men		Women	
	N	Pmp	N	Pmp	N	Pmp
Bosnia and Herzegovina	2480	707.0	1408	819.1	1072	599.2
Bulgaria	3315	451.9	1585	446.6	1730	456.8
Croatia	4130	930.8	2346	1098.8	1784	775.0
Czech Republic †	5681	540.7				
Estonia	672	503.0	384	624.4	288	399.4
France (20 of 26 regions) ‡	62739	1090.8	38005	1359.4	24734	836.7
FYR of Macedonia	1472	728.0	872	859.1	600	595.8
Israel †	5287	706.3	3164	854.9	2123	560.9
Italy (14 of 20 regions) † §	36007	1006.0	22099	1272.0	13908	755.0
Latvia	925	411.7	485	467.7	440	363.6
Montenegro	212	334.9	120	384.6	92	286.6
Poland	27873	731.1				
Portugal	16010	1506.5	9461	1839.9	6549	1194.0
Russia	24074	169.6	13042	198.7	11032	144.7
Serbia	5208	699.1	3096	854.4	2112	551.9
Slovakia †	2640	596.3	1501	697.6	1139	500.5
Spain (17 of 19 regions)	39708	1033.4	24588	1294.0	15120	778.5
Turkey	59443	827.5	33217	920.2	26226	733.8
Ukraine #	4639	100.9	2587	122.1	2052	82.8

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

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

	All				Men				Women			
	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)	%	Mean (years)	SD	Median (years)
Bosnia and Herzegovina	100	57.2	14.8	59.0	56.8	56.5	14.9	57.0	43.2	58.2	14.7	60.0
Bulgaria	100				47.8				52.2			
Croatia	100	59.0	8.6	60.0	56.8	58.3	11.5	59.0	43.2	60.1	9.6	62.0
Czech Republic †	100	64.0	14.1	67.0								
Estonia	100	54.5	15.2	54.0	57.1	54.1	15.1	54.0	42.9	55.0	15.4	56.0
France (20 of 26 regions) ‡	100	60.6	16.7	61.7	60.6	60.4	16.5	61.4	39.4	60.9	17.0	62.1
FYR of Macedonia	100	56.0	14.1	56.0	59.2	55.5	14.5	56.0	40.8	56.7	13.6	57.0
Israel †	100	61.5	17.0	64.8	59.8	61.6	17.0	64.2	40.2	61.4	16.9	65.3
Italy (14 of 20 regions) † §	100	69.3	14.7	72.1	61.4	68.9	14.5	71.6	38.6	70.1	15.0	73.1
Latvia	100	53.7	16.6	55.0	52.4	52.5	17.0	53.0	47.6	54.9	16.0	56.0
Montenegro	100	51.4	11.6	52.0	56.6	52.0	11.6	52.0	43.4	50.6	11.5	52.0
Poland												
Portugal	100	64.2			59.1				40.9			
Russia	100	46.9	14.3	48.0	54.2	46.4	14.2	47.3	45.8	47.5	14.3	49.0
Serbia	100	56.4			59.4	56.8			40.6	55.8		
Slovakia †	100	61.3	13.9	62.0	56.9	59.7	13.7	60.0	43.1	63.4	13.8	66.0
Spain (17 of 19 regions)	100	58.4	0.3		61.9	58.1	0.4		38.1	58.8	0.5	
Turkey	100	52.1		54.6	55.9	51.7		54.1	44.1	52.6		55.3
Ukraine #	100				55.8				44.2			

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

When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

Table B.4.3

Prevalence per million population, adjusted*prevalent patients on December 31, adjusted for age and gender*

	All	Men	Women
	Pmp	Pmp	Pmp
Bosnia and Herzegovina	757.4	878.0	642.5
Bulgaria			
Croatia	970.4	1194.8	789.5
Czech Republic			
Estonia	503.8	660.4	386.6
France (20 of 26 regions) ‡	1103.2	1358.3	852.9
FYR of Macedonia	893.0	1055.2	726.5
Israel			
Italy (14 of 20 regions) † §	855.5	1053.0	652.8
Latvia			
Montenegro	356.2	419.7	297.7
Poland			
Portugal			
Russia			
Serbia			
Slovakia †	673.6	811.6	556.7
Spain (17 of 19 regions)	1026.5	1269.6	778.7
Turkey	1288.0	1431.6	1142.3
Ukraine			

When cells are left empty, the data are unavailable

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

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

	Total		GN		PN		PKD		DM						HT		RVD		Misc		Unkn		Missing	
									Type I		Type II		Both											
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Bosnia and Herzegovina	707.0	100	141.4	20.0	128.3	18.1	38.2	5.4	24.5	3.5	88.1	12.5	112.6	15.9	46.8	6.6	7.4	1.0	159.1	22.5	72.7	10.3	0.6	0.1
Bulgaria																								
Croatia	930.8	100	233.0	25.0	132.3	14.2	74.1	8.0					162.9	17.5	112.7	12.1	16.9	1.8	110.9	11.9	33.1	3.6	54.8	5.9
Czech Republic																								
Estonia	503.0	100	141.5	28.1	96.6	19.2	44.9	8.9	70.4	14.0	31.4	6.3	101.8	20.2	68.9	13.7	0	0	49.4	9.8	0	0	0	0
France (20 of 26 regions) ‡ *	1090.8	100	227.8	20.9	77.6	7.1	94.0	8.6					148.5	13.6	139.4	12.8	12.3	1.1	211.4	19.4	173.6	15.9	6.2	0.6
FYR of Macedonia	728.0	100	145.4	20.0	100.4	13.8	62.8	8.6	9.4	1.3	81.6	11.2	91.0	12.5	126.6	17.4	11.4	1.6	53.9	7.4	135.5	18.6	1.0	0.1
Israel †	706.3	100	65.7	9.3	28.7	4.1	23.4	3.3	166.2	23.5	131.2	18.6	297.4	42.1	62.7	8.9	20.2	2.9	74.0	10.5	120.1	17.0	14.2	2.0
Italy (14 of 20 regions) † §	1006.0	100	182.9	18.2	79.8	7.9	78.2	7.8					157.1	15.6	186.5	18.5	15.6	1.6	70.5	7.0	219.7	21.8	15.6	1.5
Latvia	411.7	100	142.9	34.7	67.2	16.3	43.2	10.5					44.1	10.7	36.5	8.9	2.2	0.5	52.5	12.8	23.1	5.6	0	0
Montenegro	334.9	100	86.9	25.9	44.2	13.2	30.0	9.0	30.0	9.0	23.7	7.1	53.7	16.0	63.2	18.9	11.1	3.3	28.4	8.5	17.4	5.2	0	0
Poland □	731.1	100	98.0	13.4	67.8	9.3	32.4	4.4					95.7	13.1	57.8	7.9	0.5	0.1	44.4	6.1	21.5	2.9	312.9	42.8
Portugal & +	1506.5	100	123.0	8.2			68.3	4.5					242.2	16.1	159.2	10.6			195.4	13.0	221.6	14.7	496.8	33.0
Russia	169.6	100	77.2	45.5	18.9	11.2	15.8	9.3	10.4	6.1	6.3	3.7	16.6	9.8	6.5	3.9	1.2	0.7	20.4	12.0	13.0	7.6	0	0
Serbia	699.1	100	146.2	20.9	65.9	9.4	52.2	7.5	33.6	4.8	67.5	9.7	101.1	14.5	137.3	19.6	28.1	4.0	102.1	14.6	66.2	9.5	0	0
Slovakia †	596.3	100	88.8	14.9	70.5	11.8	29.8	5.0					183.6	30.8	36.8	6.2	21.5	3.6	160.1	26.9	5.2	0.9	0	0
Spain (17 of 19 regions) // ¶	1033.4	100	174.8	16.9	111.5	10.8	87.3	8.4					136.7	13.2	96.2	9.3			120.4	11.7	189.3	18.3	117.3	11.4
Turkey	827.5	100	79.8	9.6	37.3	4.5	38.3	4.6	38.4	4.6	182.8	22.1	221.2	26.7	210.0	25.4	7.1	0.9	82.1	9.9	134.9	16.3	16.8	2.0
Ukraine																								

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

When cells are left empty, the data are unavailable

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

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

† Data include dialysis patients only

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

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

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

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

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

Table B.4.5

Prevalent counts

prevalent patients on December 31, by established therapy

	Total	Haemodialysis						Peritoneal dialysis				Transplant				Missing
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn	Total Tx	
Bosnia and Herzegovina	2480	1936	0	5	2	256	2199	3	110	4	117	132	27	5	164	0
Bulgaria	3315	2728	0	0			2728	27	121	0	148			439	439	0
Croatia	4130	2466	1	126	41	71	2705	62	193	14	269	145	862	149	1156	0
Czech Republic †	5681	3962	0				5210			471	471					0
Estonia	672	112	0	0	2	92	206	19	54	0	73	33	360	0	393	0
France (20 of 26 regions) ‡	62739	27726	256	25	51	3127	31185	912	1461	0	2373	2062	26829	290	29181	0
FYR of Macedonia	1472	1291	1	0	0	0	1292	1	27	0	28	142	10	0	152	0
Israel †	5287	4925	0	0	0	0	4925	172	179	11	362					0
Italy (14 of 20 regions) † §	36007	24169	965	2649	1311	3290	32384	1423	2083	0	3506					117
Latvia	925	358	0	0			358			105	105	15	447	0	462	0
Montenegro	212	153	0	0	0	26	179	0	3	0	3	18	6	6	30	0
Poland	27873	17230	0	0			17230	485	628	0	1113			9530	9530	0
Portugal	16010	4339	0	0	0	5307	9646	304	267	0	571			5793	5793	0
Russia	24074	17159	0	0	0	0	17159	41	1593	0	1634	635	4646	0	5281	0
Serbia	5208	2809	67	0	0	992	3868	17	487	0	504	616	208	12	836	0
Slovakia †	2640	1496	0	0	0	1035	2531	58	51	0	109					0
Spain (17 of 19 regions)	39708	17560	41	0	0	1160	18761	362	1554	0	1916			19031	19031	0
Turkey	59443	45842	6	0	1	801	46650	1395	4023	0	5418	5513	1858	4	7375	0
Ukraine #	4639	3492	0				3492			552	552	319	276	0	595	0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/ centre	HD home	HD type Unkn	HF	HDF	Total HD/ HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
Bosnia and Herzegovina	707.0	551.9	0	1.4	0.6	73.0	626.9	0.9	31.4	1.1	33.4	37.6	7.7	1.4	46.8	0
Bulgaria	451.9	371.9	0	0			371.9	3.7	16.5	0	20.2			59.8	59.8	0
Croatia	930.8	555.8	0.2	28.4	9.2	16.0	609.6	14.0	43.5	3.2	60.6	32.7	194.3	33.6	260.5	0
Czech Republic †	540.7	377.1	0				495.9			44.8	44.8					0
Estonia	503.0	83.8	0	0	1.5	68.9	154.2	14.2	40.4	0	54.6	24.7	269.5	0	294.2	0
France (20 of 26 regions) ‡	1090.8	482.0	4.5	0.4	0.9	54.4	542.2	15.9	25.4	0	41.3	35.8	466.4	5.0	507.3	0
FYR of Macedonia	728.0	638.5	0.5	0	0	0	639.0	0.5	13.4	0	13.8	70.2	4.9	0	75.2	0
Israel †	706.3	657.9	0	0	0	0	657.9	23.0	23.9	1.5	48.4					0
Italy (14 of 20 regions) † §	1006.0	675.2	27.0	74.0	36.6	91.9	904.7	39.8	58.2	0	98.0					3.3
Latvia	411.7	159.3	0	0			159.3			46.7	46.7	6.7	198.9	0	205.6	0
Montenegro	334.9	241.7	0	0	0	41.1	282.8	0	4.7	0	4.7	28.4	9.5	9.5	47.4	0
Poland	731.1	451.9	0	0			451.9	12.7	16.5	0	29.2			250.0	250.0	0
Portugal	1506.5	408.3	0	0	0	499.4	907.7	28.6	25.1	0	53.7			545.1	545.1	0
Russia	169.6	120.9	0	0	0	0	120.9	0.3	11.2	0	11.5	4.5	32.7	0	37.2	0
Serbia	699.1	377.0	9.0	0	0	133.2	519.2	2.3	65.4	0	67.7	82.7	27.9	1.6	112.2	0
Slovakia †	596.3	337.9	0	0	0	233.8	571.6	13.1	11.5	0	24.6					0
Spain (17 of 19 regions)	1033.4	457.0	1.1	0	0	30.2	488.2	9.4	40.4	0	49.9			495.3	495.3	0
Turkey	827.5	638.1	0.1	0	0	11.2	649.4	19.4	56.0	0	75.4	76.7	25.9	0.1	102.7	0
Ukraine #	100.9	76.0	0				76.0			12.0	12.0	6.9	6.0	0	12.9	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
When cells are left empty, the data are unavailable

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

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

	Total	Haemodialysis						Peritoneal dialysis				Transplant			Missing	
		HD hospital/centre	HD home	HD type Unkn	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD type Unkn	Total PD	Living	Deceased	Tx type Unkn		Total Tx
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Bosnia and Herzegovina	100	78.1	0	0.2	0.1	10.3	88.7	0.1	4.4	0.2	4.7	5.3	1.1	0.2	6.6	0
Bulgaria	100	82.3	0	0			82.3	0.8	3.7	0	4.5			13.2	13.2	0
Croatia	100	59.7	0	3.1	1.0	1.7	65.5	1.5	4.7	0.3	6.5	3.5	20.9	3.6	28.0	0
Czech Republic †	100	69.7	0				22.0			8.3	8.3					0
Estonia	100	16.7	0	0	0.3	13.7	30.7	2.8	8.0	0	10.9	4.9	53.6	0	58.5	0
France (20 of 26 regions) ‡	100	44.2	0.4	0	0.1	5.0	49.7	1.5	2.3	0	3.8	3.3	42.8	0.5	46.5	0
FYR of Macedonia	100	87.7	0.1	0	0	0	87.8	0.1	1.8	0	1.9	9.6	0.7	0	10.3	0
Israel †	100	93.2	0	0	0	0	93.2	3.3	3.4	0.2	6.8					0
Italy (14 of 20 regions) † §	100	67.1	2.7	7.4	3.6	9.1	89.9	4.0	5.8	0	9.7					0.3
Latvia	100	38.7	0	0			38.7			11.4	11.4	1.6	48.3	0	49.9	0
Montenegro	100	72.2	0	0	0	12.3	84.4	0	1.4	0	1.4	8.5	2.8	2.8	14.2	0
Poland	100	61.8	0	0			61.8	1.7	2.3	0	4.0			34.2	34.2	0
Portugal	100	27.1	0	0	0	33.1	60.2	1.9	1.7	0	3.6			36.2	36.2	0
Russia	100	71.3	0	0	0	0	71.3	0.2	6.6	0	6.8	2.6	19.3	0	21.9	0
Serbia	100	53.9	1.3	0	0	19.0	74.3	0.3	9.4	0	9.7	11.8	4.0	0.2	16.1	0
Slovakia †	100	56.7	0	0	0	39.2	95.9	2.2	1.9	0	4.1					0
Spain (17 of 19 regions)	100	44.2	0.1	0	0	2.9	47.2	0.9	3.9	0	4.8			47.9	47.9	0
Turkey	100	77.1	0	0	0	1.3	78.5	2.3	6.8	0	9.1	9.3	3.1	0	12.4	0
Ukraine #	100	75.3	0				75.3			11.9	11.9	6.9	5.9	0	12.8	0

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

† Data include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

Data do not include the Zaporizhya region

Table B.5.1
Renal transplants performed in 2009, numbers and percentages
by donor type

	Total		Living								Deceased		Donor type Unkn	
	N	%	Related		Unrelated		Type Unkn		All		N	%	N	%
			N	%	N	%	N	%	N	%				
Bosnia and Herzegovina	20	100	17	85.0	0	0	0	0	17	85.0	1	5.0	2	10.0
Bulgaria	32	100	15	46.9	0	0	0	0	15	46.9	17	53.1	0	0
Croatia	167	100	5	3.0	6	3.6	1	0.6	12	7.2	115	68.9	40	24.0
Czech Republic	347	100					27	7.8	27	7.8	320	92.2	0	0
Estonia	53	100	4	7.5	0	0	0	0	4	7.5	49	92.5	0	0
France (20 of 26 regions) ‡	2570	100	207	8.1	0	0	0	0	207	8.1	2363	91.9	0	0
FYR of Macedonia	11	100	11	100	0	0	0	0	11	100	0	0	0	0
Israel	370	100					120	32.4	120	32.4	192	51.9	58	15.7
Italy (14 of 20 regions) &	1650	100					124	7.5	124	7.5	1526	92.5	0	0
Latvia	58	100	6	10.3	0	0	0	0	6	10.3	52	89.7	0	0
Montenegro	11	100	6	54.5	0	0	2	18.2	8	72.7	3	27.3	0	0
Poland	785	100	23	2.9	0	0	0	0	23	2.9	762	97.1	0	0
Portugal	593	100					63	10.6	63	10.6	530	89.4	0	0
Russia	822	100	156	19.0	0	0	0	0	156	19.0	666	81.0	0	0
Serbia	96	100	62	64.6	3	3.1	0	0	65	67.7	31	32.3	0	0
Slovakia +	172	100	11	6.4	8	4.7	0	0	19	11.0	153	89.0	0	0
Spain (17 of 19 regions) □	2328	100					235	10.1	235	10.1	2093	89.9	0	0
Turkey	1908	100	999	52.4	500	26.2	2	0.1	1501	78.7	407	21.3	0	0
Ukraine #	112	100											112	100

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

When cells are left empty, the data are unavailable

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

& Data from: Centro Nazionale Trapianti

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2009 from total Spanish population

Data do not include the Zaporizhya region

Table B.5.2
Renal transplants performed in 2009, per million population
by donor type

	Total	Living				Deceased	Donor type Unkn
	Pmp	Related	Unrelated	Type Unkn	All	Pmp	Pmp
		Pmp	Pmp	Pmp	Pmp		
Bosnia and Herzegovina	5.7	4.8	0	0	4.8	0.3	0.6
Bulgaria	4.4	2.0	0	0	2.0	2.3	0
Croatia	37.6	1.1	1.4	0.2	2.7	25.9	9.0
Czech Republic	33.0			2.6	2.6	30.5	0
Estonia	39.7	3.0	0	0	3.0	36.7	0
France (20 of 26 regions) ‡	44.7	3.6	0	0	3.6	41.1	0
FYR of Macedonia	5.4	5.4	0	0	5.4	0	0
Israel	49.4			16.0	16.0	25.6	7.7
Italy (14 of 20 regions) &	46.1			3.5	3.5	42.6	0
Latvia	25.8	2.7	0	0	2.7	23.1	0
Montenegro	17.4	9.5	0	3.2	12.6	4.7	0
Poland	20.6	0.6	0	0	0.6	20.0	0
Portugal	55.8			5.9	5.9	49.9	0
Russia	5.8	1.1	0	0	1.1	4.7	0
Serbia	12.9	8.3	0.4	0	8.7	4.2	0
Slovakia +	38.8	2.5	1.8	0	4.3	34.6	0
Spain (17 of 19 regions) □	49.8			5.0	5.0	44.8	0
Turkey	26.6	13.9	7.0	0	20.9	5.7	0
Ukraine #	2.4						2.4

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

When cells are left empty, the data are unavailable

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

& Data from: Centro Nazionale Trapianti

+ Data from: Slovak Centre of Organ Transplantation

□ Data from: Organización Nacional de Trasplantes (ONT), 2009 from total Spanish population

Data do not include the Zaporizhya region

IV Summary Data

IV Summary Data

The summary data on the incidence and prevalence of renal replacement therapy in 2009 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 2009, at day 1				Prevalence on December 31, 2009			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Austria	8355	1232	148	361	43	8177	979	1741	208
Belgium, Dutch-speaking	6230	1250	201	261	42	7110	1141	1289	207
Belgium, French-speaking	4566	896	196	227	50	5448	1193	934	205
Denmark	5579	698	125	156	28	4677	838	785	141
Finland	5339	443	83	147	28	4166	780	1085	203
France (16 of 26 regions) §	36819	5374	146	1130	31	38387	1043	5236	142
Greece	11283	2307	205	642	57	12018	1065	2228	198
Iceland	318	28	88	5	16	172	540	15	47
Italy (12 of 20 regions) † ‡	29675	4431	149	859	29	33569	1132	4226	142
Norway	4829	560	116	103	21	4066	842	497	103
Romania	21051	2343	111	306	15	10792	513	985	47
Spain, Andalusia	8337	1004	120	229	28	8254	990	1072	129
Spain, Asturias	1085	145	134	33	30	1075	991	167	154
Spain, Basque country	2175	280	129	54	25	2318	1066	229	105
Spain, Canary Islands	2111	363	172	155	73	2348	1112	788	373
Spain, Cantabria	591	64	108	12	20	515	872	64	108
Spain, Castile and Leon	2562	305	119	77	30	2553	997	370	144
Spain, Castile-La Mancha	2090	196	94	36	17	1909	914	264	126
Spain, Catalonia	7475	1065	143	213	29	8671	1160	1128	151
Spain, Extremadura	1105	119	108	28	25	1050	950	131	119
Spain, Galicia	2797	373	133	77	28	3028	1083	474	170
Spain, Valencian region	5095	716	141	125	25	5628	1105	640	126
Sweden	9299	1176	127	294	32	8277	890	1534	165
The Netherlands	16530	2025	123	296	18	14794	895	1646	100
United Kingdom, England	51809	5609	108	1234	24	42212	815	6183	119
United Kingdom, Northern Ireland	1789	161	90	38	21	1463	818	220	123
United Kingdom, Scotland	5194	549	106	132	25	4339	835	589	113
United Kingdom, Wales	2999	352	117	83	28	2600	867	394	131
All countries	257087	34064	132	7313	28	239616	932	34914	136

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

† Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, 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

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

Table S.1.2

Section B - Summary data from registries providing aggregated data

	General population covered by the registry in thousands	Incidence in 2009, at day 1				Prevalence on December 31, 2009			
		Total N	Total Pmp	DM N	DM Pmp	Total N	Total Pmp	DM N	DM Pmp
Bosnia and Herzegovina	3508	549	157	165	47	2480	707	395	113
Bulgaria	7336	941	128	166	23	3315	452		
Croatia	4437	695	157	191	43	4130	931	723	163
Czech Republic † *	10507	1905	181			5681	541		
Estonia	1336	68	51	20	15	672	503	136	102
France (20 of 26 regions) ‡	57519	8560	149	1883	33	62739	1091	8539	149
FYR of Macedonia	2022	196	97	55	27	1472	728	184	91
Israel *	7486	1450	194	623	83	5287	706	2226	297
Italy (14 of 20 regions) † * §	35782	5600	157	1102	31	36007	1006	5624	157
Latvia	2247	200	89	29	13	925	412	99	44
Montenegro	633	19	30	5	8	212	335	34	54
Poland +	32406	5072	133	1215	32	27873	731	3648	96
Portugal	10627	2548	240	769	72	16010	1507	2574	242
Russia	141904	4615	33	760	5	24074	170	2362	17
Serbia	7450	1332	179	292	39	5208	699	753	101
Slovakia † *	4428	784	177	280	63	2640	596	813	184
Spain (17 of 19 regions) //	38425	4937	129	1074	28	39708	1033	5251	137
Turkey †	71836	18627	259	6294	88	59443	828	15890	221
Ukraine #	45963	868	19	174	4	4639	101		
All countries	485852	58966	121	15097	32	302515	623	49251	117

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

† Data on incidence include dialysis patients only

* Data on prevalence include dialysis patients only

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

§ Data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), Umbria and Veneto

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

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

Data do not include the Zaporizhyya region

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 19 registries from 12 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Denmark, Finland, France, Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Catalonia), Spain (Galicia), Spain (Extremadura), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). In the analyses the data collected between 2000 and 2009 were used. As not all countries provided data over the complete period and to allow for comparison over the years, data regarding 2006 through 2009 are shown both including and excluding the data from France, Romania, Spain (Canary Islands), Spain (Extremadura), and Spain (Galicia). The methods that were applied to the data on paediatric patients were similar to those applied to the data on adult patients and are described in Chapter VI Methods. However, as not all regions did have specialized paediatric centres, also non-residents were included in the incidence and prevalence.

Further details on the epidemiology of paediatric patients on RRT and on projects and initiatives collecting paediatric data are available on the website of the European Society for Paediatric Nephrology (ESPN)/ ERA-EDTA Registry, www.espn-reg.org. In addition to the countries presented in this report several other countries have contributed data regarding paediatric patients in 2009 to the ESPN/ERA-EDTA Registry separately from the ERA-EDTA Registry.

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
2000	19707	4596	4940	4962	5209
2001	19656	4534	4907	5025	5189
2002	19668	4630	4828	5044	5166
2003	19695	4669	4773	5086	5168
2004	19633	4715	4734	5098	5086
2005	19659	4749	4714	5079	5117
2006	19777	4791	4746	5043	5196
2007	19843	4832	4758	4996	5256
2008	20047	4907	4851	4973	5316
2009	20008	4973	4841	4895	5300
2006 *	25402	5993	6004	6385	7021
2007 *	25329	6043	6008	6300	6978
2008 *	34962	8503	8480	8570	9409
2009 *	34812	8600	8470	8504	9238
2000-2009 *	238523	57032	57858	60053	63580

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.1.2

Grouping of primary renal diseases for paediatric patients

groups and codes included

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

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

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

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
2000-2001	410	69	59	103	179
2002-2003	384	80	51	91	162
2004-2005	401	73	47	114	167
2006-2007	410	93	51	94	172
2008-2009	417	96	64	108	149
2006-2007 *	499	97	57	108	237
2008-2009 *	645	124	100	162	259
2000-2009 *	2339	443	314	578	1004

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

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

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2000-2001	172	153	77	12	50	5	16	30	13	39	31	31	105	42	28
2002-2003	161	147	74	8	58	14	14	24	13	35	34	22	104	31	25
2004-2005	174	128	99	13	46	14	13	19	15	44	37	33	104	26	37
2006-2007	168	137	100	18	61	14	12	15	24	42	26	24	96	35	38
2008-2009	155	142	120	20	62	14	20	19	25	33	31	44	82	30	37
2006-2007 *	233	152	109	20	63	14	15	17	25	51	30	25	147	42	45
2008-2009 *	285	190	163	30	78	16	34	27	35	67	39	56	154	46	56
2000-2009 *	1025	770	522	83	295	63	92	117	101	236	171	167	614	187	191

For 1 patient information on treatment modality at start was unavailable

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.2.3
Incident counts
between 2000 and 2009, 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	431	48	51	94	238
CAKUT	739	157	95	213	274
Cystic kidney disease	175	31	30	55	59
Hereditary Nephropathy	163	63	15	24	61
Ischaemic Renal Failure	45	16	8	11	10
HUS	78	27	14	11	26
Metabolic disorders	55	13	15	17	10
Vasculitis	64	2	2	19	41
Miscellaneous	268	61	40	57	110
Missing, unknown	321	25	44	77	175

Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

P2 INCIDENT PATIENTS ACCEPTED FOR RRT, AT DAY 1

Table P.2.4

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

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2000-2001	10.4	7.6	6.0	10.3	17.2
2002-2003	9.8	8.6	5.3	9.0	15.7
2004-2005	10.2	7.7	5.0	11.2	16.4
2006-2007	10.3	9.7	5.4	9.4	16.5
2008-2009	10.4	9.7	6.6	10.9	14.0
2006-2007 *	9.8	8.1	4.7	8.5	16.9
2008-2009 *	9.2	7.3	5.9	9.5	13.9
2000-2009 *	9.8	7.8	5.4	9.6	15.8

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.2.5

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

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2000-2001	4.4	3.9	2.0	1.3	5.5	0.5	1.6	3.0	1.3	3.9	3.1	3.1	10.1	4.0	2.7
2002-2003	4.1	3.7	1.9	0.9	6.2	1.5	1.5	2.5	1.4	3.5	3.4	2.2	10.1	3.0	2.4
2004-2005	4.4	3.3	2.5	1.4	4.9	1.5	1.4	2.0	1.6	4.3	3.6	3.2	10.2	2.5	3.6
2006-2007	4.2	3.5	2.5	1.9	6.3	1.5	1.3	1.6	2.5	4.2	2.6	2.4	9.2	3.3	3.6
2008-2009	3.9	3.5	3.0	2.0	6.3	1.4	2.1	2.0	2.6	3.3	3.1	4.5	7.7	2.8	3.5
2006-2007 *	4.6	3.0	2.1	1.7	5.2	1.2	1.2	1.4	2.1	4.0	2.4	2.0	10.5	3.0	3.2
2008-2009 *	4.1	2.7	2.3	1.8	4.6	0.9	2.0	1.6	2.1	3.9	2.3	3.3	8.3	2.5	3.0
2000-2009 *	4.3	3.2	2.2	1.5	5.2	1.1	1.6	2.0	1.7	3.9	2.8	2.8	9.7	2.9	3.0

For 1 patient information on treatment modality at start was unavailable

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.2.6

Incident rates per million age-related population (per year)
between 2000 and 2009, at day 1, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
Glomerulonephritis	1.8	0.8	0.9	1.6	3.7
CAKUT	3.1	2.8	1.6	3.5	4.3
Cystic kidney disease	0.7	0.5	0.5	0.9	0.9
Hereditary Nephropathy	0.7	1.1	0.3	0.4	1.0
Ischaemic Renal Failure	0.2	0.3	0.1	0.2	0.2
HUS	0.3	0.5	0.2	0.2	0.4
Metabolic disorders	0.2	0.2	0.3	0.3	0.2
Vasculitis	0.3	0.0	0.0	0.3	0.6
Miscellaneous	1.1	1.1	0.7	0.9	1.7
Missing, unknown	1.3	0.4	0.8	1.3	2.8

Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 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
2000	1327	85	207	372	663
2001	1318	99	192	370	657
2002	1301	101	189	388	623
2003	1323	106	180	388	649
2004	1342	98	185	393	666
2005	1352	105	192	374	681
2006	1365	102	225	350	688
2007	1377	116	223	340	698
2008	1378	108	222	346	702
2009	1397	131	234	359	673
2006 *	1467	103	235	375	754
2007 *	1496	118	233	366	779
2008 *	1961	140	300	499	1022
2009 *	1996	164	317	512	1003

** Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007*

Table P.3.2

Prevalent counts

prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2000	167	151	980	7	37	38	11	29	164	39	29	298	110	56	480
2001	148	166	981	7	50	40	11	24	152	30	36	301	100	56	488
2002	142	141	1003	6	46	49	9	20	157	35	31	320	92	44	477
2003	149	121	1037	13	35	58	18	18	141	27	23	335	91	45	503
2004	162	122	1046	9	33	56	16	15	152	30	31	328	107	43	510
2005	160	118	1059	7	34	64	13	26	152	31	21	317	109	37	526
2006	160	117	1075	12	34	56	14	29	180	29	19	297	105	35	542
2007	153	119	1094	15	43	58	19	16	187	27	22	289	92	38	560
2008	144	84	1140	14	32	62	13	15	193	29	17	299	88	20	586
2009	150	112	1127	19	46	66	17	22	195	30	21	307	84	23	559
2006 *	210	141	1103	12	35	56	15	34	184	43	27	300	140	45	563
2007 *	216	147	1122	16	44	58	21	21	190	43	30	291	136	52	583
2008 *	261	144	1537	21	47	72	19	24	254	61	32	402	160	41	809
2009 *	280	169	1539	23	59	82	31	29	257	63	37	411	163	44	789

** Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007*

Table P.3.3

Prevalent counts

prevalent patients on December 31, 2009, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	N	N	N	N	N
Glomerulonephritis	314	17	42	85	170
CAKUT	693	64	99	186	344
Cystic kidney disease	167	8	26	39	94
Hereditary Nephropathy	177	26	36	44	71
Ischaemic Renal Failure	38	7	10	9	12
HUS	88	4	23	21	40
Metabolic disorders	53	11	7	10	25
Vasculitis	21	0	2	6	13
Miscellaneous	233	18	41	62	112
Missing, unknown	212	9	31	50	122

Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

P3 PREVALENT PATIENTS ON RRT

Table P.3.4

Prevalence per million age-related population (per year)
prevalent patients on December 31, by age and year

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2000	67.3	18.5	41.9	75.0	127.3
2001	67.1	21.8	39.1	73.6	126.6
2002	66.1	21.8	39.1	76.9	120.6
2003	67.2	22.7	37.7	76.3	125.6
2004	68.4	20.8	39.1	77.1	131.0
2005	68.8	22.1	40.7	73.6	133.1
2006	69.0	21.3	47.4	69.4	132.4
2007	69.4	24.0	46.9	68.0	132.8
2008	68.7	22.0	45.8	69.6	132.1
2009	69.8	26.3	48.3	73.3	127.0
2006 *	57.8	17.2	39.1	58.7	107.4
2007 *	59.1	19.5	38.8	58.1	111.6
2008 *	56.1	16.5	35.4	58.2	108.6
2009 *	57.3	19.1	37.4	60.2	108.6

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.3.5

Prevalence per million age-related population (per year)
prevalent patients on December 31, by age and year

Cohort	Total			0-4			5-9			10-14			15-19		
	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx	HD	PD	Tx
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
2000	8.5	7.7	49.7	1.5	8.1	8.3	2.2	5.9	33.2	7.9	5.8	60.1	21.1	10.8	92.1
2001	7.5	8.4	49.9	1.5	11.0	8.8	2.2	4.9	31.0	6.0	7.2	59.9	19.3	10.8	94.0
2002	7.2	7.2	51.0	1.3	9.9	10.6	1.9	4.1	32.5	6.9	6.1	63.4	17.8	8.5	92.3
2003	7.6	6.1	52.7	2.8	7.5	12.4	3.8	3.8	29.5	5.3	4.5	65.9	17.6	8.7	97.3
2004	8.3	6.2	53.3	1.9	7.0	11.9	3.4	3.2	32.1	5.9	6.1	64.3	21.0	8.5	100.3
2005	8.1	6.0	53.9	1.5	7.2	13.5	2.8	5.5	32.2	6.1	4.1	62.4	21.3	7.2	102.8
2006	8.1	5.9	54.4	2.5	7.1	11.7	2.9	6.1	37.9	5.8	3.8	58.9	20.2	6.7	104.3
2007	7.7	6.0	55.1	3.1	8.9	12.0	4.0	3.4	39.3	5.4	4.4	57.8	17.5	7.2	106.5
2008	7.2	4.2	56.9	2.9	6.5	12.6	2.7	3.1	39.8	5.8	3.4	60.1	16.6	3.8	110.2
2009	7.5	5.6	56.3	3.8	9.3	13.3	3.5	4.5	40.3	6.1	4.3	62.7	15.8	4.3	105.5
2006 *	8.3	5.6	43.4	2.0	5.8	9.3	2.5	5.7	30.6	6.7	4.2	47.0	19.9	6.4	80.2
2007 *	8.5	5.8	44.3	2.6	7.3	9.6	3.5	3.5	31.6	6.8	4.8	46.2	19.5	7.5	83.5
2008 *	7.5	4.1	44.0	2.5	5.5	8.5	2.2	2.8	30.0	7.1	3.7	46.9	17.0	4.4	86.0
2009 *	8.0	4.9	44.2	2.7	6.9	9.5	3.7	3.4	30.3	7.4	4.4	48.3	17.6	4.8	85.4

* Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

Table P.3.6

Prevalence per million age-related population (per year)
prevalent patients on December 31, 2009, by age and cause of renal failure

Cohort	Total	0-4	5-9	10-14	15-19
	Pmarp	Pmarp	Pmarp	Pmarp	Pmarp
Glomerulonephritis	9.0	2.0	5.0	10.0	18.4
CAKUT	19.9	7.4	11.7	21.9	37.2
Cystic kidney disease	4.8	0.9	3.1	4.6	10.2
Hereditary Nephropathy	5.1	3.0	4.3	5.2	7.7
Ischaemic Renal Failure	1.1	0.8	1.2	1.1	1.3
HUS	2.5	0.5	2.7	2.5	4.3
Metabolic disorders	1.5	1.3	0.8	1.2	2.7
Vasculitis	0.6	0.0	0.2	0.7	1.4
Miscellaneous	6.7	2.1	4.8	7.3	12.1
Missing, unknown	6.1	1.0	3.7	5.9	13.2

Including data from France since 2008, Romania since 2006, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002 and Spain (Galicia) since 2007

VI Methods

VI Methods

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

Data collection and preparation

Section A

Data collection

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

Variables

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

Table 1: Variables collected for Section A

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

Collaborating registries and participating countries

Individual patient data of 26 national and regional registries from 14 countries were used to create the tables in Section A of this annual report (see Figure 1).

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

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

The data on Italy presented in Section A of this report, are based on separate datasets from 12 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Tuscany, Umbria, and Veneto.

The data on Spain presented in Section A of this report are based on separate datasets from 11 of 19 regions, including Andalusia, Asturias, Basque country, Canary Islands, Cantabria, Castile and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, and Valencian region.

Differences between collaborating registries

Definitions and collection of data

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

Patient population

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

For the calculation of the incidence of those alive and on RRT on day 91, registries were asked to provide data with a follow-up until 31 March 2010. For the following registries data were only available until 31 December 2009: Belgium (Dutch-speaking), Denmark, Finland, France (all regions), Italy (all regions), Spain (Asturias), Spain (Catalonia), Spain (Extremadura), Spain (Galicia) and UK (England/Northern Ireland/Wales). 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 2.

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

Registry	Sources of general population data of 2009
Austria	registry
Belgium, Dutch-speaking	http://aps.vlaanderen.be/
Belgium, French-speaking	http://aps.vlaanderen.be/
Denmark	http://epp.eurostat.ec.europa.eu/
Greenland	https://www.arcticstat.org
Finland	http://epp.eurostat.ec.europa.eu/
France *	http://epp.eurostat.ec.europa.eu/
Greece	http://epp.eurostat.ec.europa.eu/
Iceland	http://epp.eurostat.ec.europa.eu/
Italy	http://demo.istat.it/
Norway	http://epp.eurostat.ec.europa.eu/
Romania	http://epp.eurostat.ec.europa.eu/
Spain, Andalusia	http://www.ine.es/
Spain, Asturias †	registry
Spain, Basque country	http://www.ine.es/
Spain, Canary Islands	http://www.ine.es/
Spain, Cantabria	http://www.ine.es/
Spain, Castile and Leon	http://www.ine.es/
Spain, Castile-La Mancha	http://www.ine.es/
Spain, Catalonia †	registry
Spain, Extremadura	http://www.ine.es/
Spain, Galicia	http://www.ine.es/
Spain, Valencian region *	http://www.ine.es/
Sweden	http://epp.eurostat.ec.europa.eu/
The Netherlands	http://epp.eurostat.ec.europa.eu/
United Kingdom, England/Northern Ireland/Wales	http://www.statistics.gov.uk/
United Kingdom, Scotland	http://www.statistics.gov.uk/

* Population data for January 1st, 2009 (instead of mid-year)

† Population data for 2009, specific month unknown

Reference population

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

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

Age groups	All	Men	Women
	N	N	N
0-4	25.319.377	12.987.194	12.332.183
5-9	25.785.403	13.220.589	12.564.814
10-14	27.909.860	14.308.595	13.601.265
15-19	30.553.193	15.655.201	14.897.992
20-24	32.182.224	16.362.495	15.819.729
25-29	33.801.832	17.155.652	16.646.180
30-34	35.618.802	18.014.943	17.603.859
35-39	37.664.584	19.014.329	18.650.255
40-44	37.194.942	18.664.119	18.530.823
45-49	35.145.729	17.491.426	17.654.303
50-54	32.862.110	16.196.648	16.665.462
55-59	30.683.670	15.009.724	15.673.946
60-64	25.257.188	12.132.666	13.124.522
65-69	24.176.265	11.232.568	12.943.697
70-74	20.772.535	9.170.809	11.601.726
75-79	17.024.353	6.886.468	10.137.885
80-84	12.055.615	4.197.014	7.858.601
85+	8.007.800	2.300.954	5.706.846
Total	492.015.482	240.001.394	252.014.088

Section B

Data collection

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

Collaborating registries

Aggregated data from 19 national registries from 19 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 and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, France, FYR of Macedonia, Israel, Italy, Latvia, Montenegro, Poland, Portugal, Russia, Serbia, Slovakia, Spain, Turkey, and Ukraine.

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

Data from Italy are based on 14 of 20 regions, including Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy (part), Marche, Sardinia (part), Sicily, Trentino-Alto Adige, Tuscany (part), 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 and Leon, Castile-La Mancha, Catalonia, Extremadura, Galicia, La Rioja, 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 (13%) lived in the same region as the region where they were followed.

Data loading and cleaning

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

General population data

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

Reference population

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

Definitions and coding systems

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

Incidence and prevalence

Incidence is the number of new cases of a condition during a specific period of time which, in this annual report, is a year (2009). 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, 2009.

Primary cause of renal failure

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

Causes of death

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

Treatment modalities

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

Statistical analyses

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

SAS 9.2

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

Section A

Incidence and prevalence

The incidence and prevalence tables were based on 37 data sets from national or regional registries from 14 countries that provided individual patient data for 2009, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France (16 regions), Greece, Iceland, Italy (Abruzzi), Italy (Apulia), Italy (Basilicata), Italy (Calabria), Italy (Emilia-Romagna), Italy (Friuli-Venezia Giulia), Italy (Lombardy), Italy (Marche), Italy (Sardinia), Italy (Tuscany), Italy (Umbria), Italy (Veneto), Norway, Romania, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Cantabria), Spain (Castile and Leon), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

Methods for calculating incidence and prevalence

Incidence (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. For the incidence or prevalence per million age-related population (Pmarp) the observed incident or prevalent count per age category was divided by the general population in that age category and multiplied by one million. The general (midyear) population data for the year 2009 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, 2010, 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 2009, when compared to patients who started RRT in the last three months of 2009.

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

Adjustment of incidence and prevalence

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

The following example shows how to calculate the age adjusted incidence. In this example the incidence rate of country A in 2009 is 269 Pmp, the age-specific rates of country A and the reference population distribution with respect to age are shown in Table 4.

Table 4: Calculation of the adjusted incidence rate

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

The adjusted incident rate of country A in 2009 is:

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

Performed renal transplants

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

Survival probability

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

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

- 2000-2004 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2003-2007 - for the presentation of 90-day, one- and two-year survival probabilities.

These analyses were based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Wales) and United Kingdom (Scotland). Spain (Castile and Leon), Spain (Castile-La Mancha) and Spain (Extremadura) were only included in the analyses based on the second cohort (2003-2007), because for these registries complete data were available from 2002.

December 31, 2009 was applied as censoring date for all survival analyses. For the different types of survival analysis the events and censoring were defined as shown in Table 5.

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

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

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

Unadjusted survival probabilities

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

Adjusted survival probabilities

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

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

Survival figures

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

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

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

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

Expected remaining lifetimes

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

To be able to calculate expected remaining lifetimes we used data from registries providing data from 1998 until 2009. Consequently, the data of the following national or regional registries from 12 countries were suitable for this analysis: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, Greece, Iceland, Italy (Calabria), Norway, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Catalonia), Spain (Valencian region), Sweden, The Netherlands, United Kingdom (England/Wales) and United Kingdom (Scotland). With regard to the inclusion of the data, it should be noted that the differences between the expected remaining lifetimes of this annual report and expected remaining lifetimes published in earlier annual reports of the ERA-EDTA Registry may be partly due to differences in participating countries.

RRT population

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

General population

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

Section B

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

Paediatric Section

The incidence and prevalence tables were based on 19 national or regional registries from 12 countries that provided complete individual patient data in their paediatric population for 2000 to 2009, including Austria, Denmark, Finland, France, Greece, Iceland, Norway, Romania, Spain (Andalusia), Spain (Asturias), Spain (Basque country), Spain (Canary Islands), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, The Netherlands, and United Kingdom (Scotland). France provided data since 2008, Spain (Canary Islands) since 2004, Spain (Extremadura) since 2002, Spain (Galicia) since 2007 and Romania provided data since 2006. Furthermore, as not every region in Spain had a specialised paediatric centre, paediatric patients could be treated in other regions than their resident region. This would result in an underestimation of the incidence and prevalence in these regions. To adjust for this, non-resident paediatric patients were not excluded in the paediatric section. Incidence (on day 1) and prevalence on RRT were calculated for subgroups based on age, treatment modality, and cause of renal failure. Incidence on RRT by 2-year cohorts was presented for paediatric patients who started RRT between 2000 and 2009. The cohorts 2006-2007 and 2008-2009 were presented twice, once including and once excluding the countries with a limited follow-up to allow for a comparison over time. The incidence on RRT Pmarp was the observed incident count in that particular time period divided by the age-related general population in that time period (for example the total population in 2008 + the total population in 2009) multiplied by one million. The grouping of primary renal disease codes for the paediatric population is described in Table P.1.2 as it differs from the grouping in the adult population.

The prevalence on RRT was presented at December 31 of each year from 2000 to 2009. Again, the years 2006, 2007, 2008 and 2009 were presented twice to allow for a comparison over time. The prevalence on RRT by cause of renal failure was calculated for patients prevalent on December 31, 2009.

Bibliography

- 1) Eurostat: <http://epp.eurostat.ec.europa.eu/portal/page/portal/population/data/database>. Date of extraction: July 15, 2010. 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 2009 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, 2009.

VII Appendices

Appendix 1 - Grouping of primary renal diseases

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

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

Appendix 2 - Grouping of causes of death

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

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

Appendix 3 - Treatment modalities

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

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

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

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

† Incidence and prevalence data based on the regions Abruzzi, Apulia, Basilicata, Calabria, Emilia-Romagna, Friuli-Venezia Giulia, Lombardy, Marche, Sardinia, Sicily (only in B), Trentino-Alto Adige (only in B), Tuscany, Umbria, and Veneto

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

www.era-edta-reg.org

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

ISBN 978-90-817480-0-1

June 2011

