Leading European Nephrology

# ERA-EDTA Registry

The ERA-EDTA Registry is an official body of the ERA-EDTA

# Annual Report 2014

**ISBN** 978-90-817480-7-0

**Suggested Citation** ERA-EDTA Registry: ERA-EDTA Registry Annual Report 2014. Academic Medical Center, Department of Medical Informatics, Amsterdam, the Netherlands, 2016

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# Annual Report 2014

## ERA-EDTA Registry

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# 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.

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|---|---|
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| United Kingdom, Scotland | All of the Scottish renal units |

## For the provision of aggregated data

| Registry | Contributors |
|---|---|
| Albania | M Barbullushi, A Koroshi, and all team of Nephrology |
| Bulgaria | ES Vazelov, I Velinova, and M Gitcheva |
| Croatia | I Bubić, S Rački, and N Janković |
| Cyprus | K Ioannou and all of the renal units providing data |
| Czech Republic | I Rychlík, J Potucek, and F Lopot |
| Georgia | N Kantaria and Dialysis Nephrology and Transplantation Union of Georgia |
| Israel | R Dichtiar, T Shohat, and E Golan |
| Italy (6 of 20 regions) | M Nordio, M Postorino, and A Limido |
| Latvia | H Cernevskis and V Kuzema |
| Lithuania | V Kuzminskis, IA Bumblytė, and E Žiginskienė |
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| Spain | Spanish RRT National Registry at ONT, Spanish Regional Registries, and Spanish Society of Nephrology (SEN) |
| Switzerland | P Ambühl and R Winzeler |
| Tunisia, Sfax region | D Zalila, S Toumi, and F Jarraya |
| Turkey | G Süleymanlar, N Seyahi, and K Ateş |
| Ukraine | M Kolesnyk, S Nikolaenko, and O Dubyna |

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 |
| DM | Diabetes mellitus |
| ERA-EDTA | European Renal Association - European Dialysis and Transplant Association |
| ESPN | European Society for Paediatric Nephrology |
| ESRD | End-stage renal disease |
| ESRF | End-stage renal failure |
| GN | Glomerulonephritis / sclerosis |
| HD | Haemodialysis |
| HDF | Haemodiafiltration |
| HF | Haemofiltration |
| HT | Hypertension |
| HUS | Haemolytic uraemic syndrome |
| Misc | Miscellaneous |
| N | Count |
| Oth | Other |
| PD | Peritoneal dialysis |
| PKD | Polycystic kidneys, adult type |
| Pmarp | Per million age-related population |
| Pmp | Per million population |
| PN | Pyelonephritis |
| PRD | Primary renal disease |
| RRT | Renal replacement therapy |
| RVD | Renal vascular disease |
| SD | Standard deviation |
| Tx | Transplant |
| Unkn | Unknown |

# Glossary

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

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

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

**Incidence**: the number of new cases during a specific time period. In this annual report this equates to the number of patients commencing renal replacement therapy for end-stage renal disease during the calendar year on which this annual report is based (2014).

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

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

**Per million population (pmp)**: the incidence or prevalence pmp is the observed incident or prevalent count divided by the general population in that year and multiplied by one million.

**Prevalence**: the number of people in a given population with a particular disease at a given time. In this annual report this equates to the number of patients receiving renal replacement therapy for end-stage renal disease at 31st December 2014.

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

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

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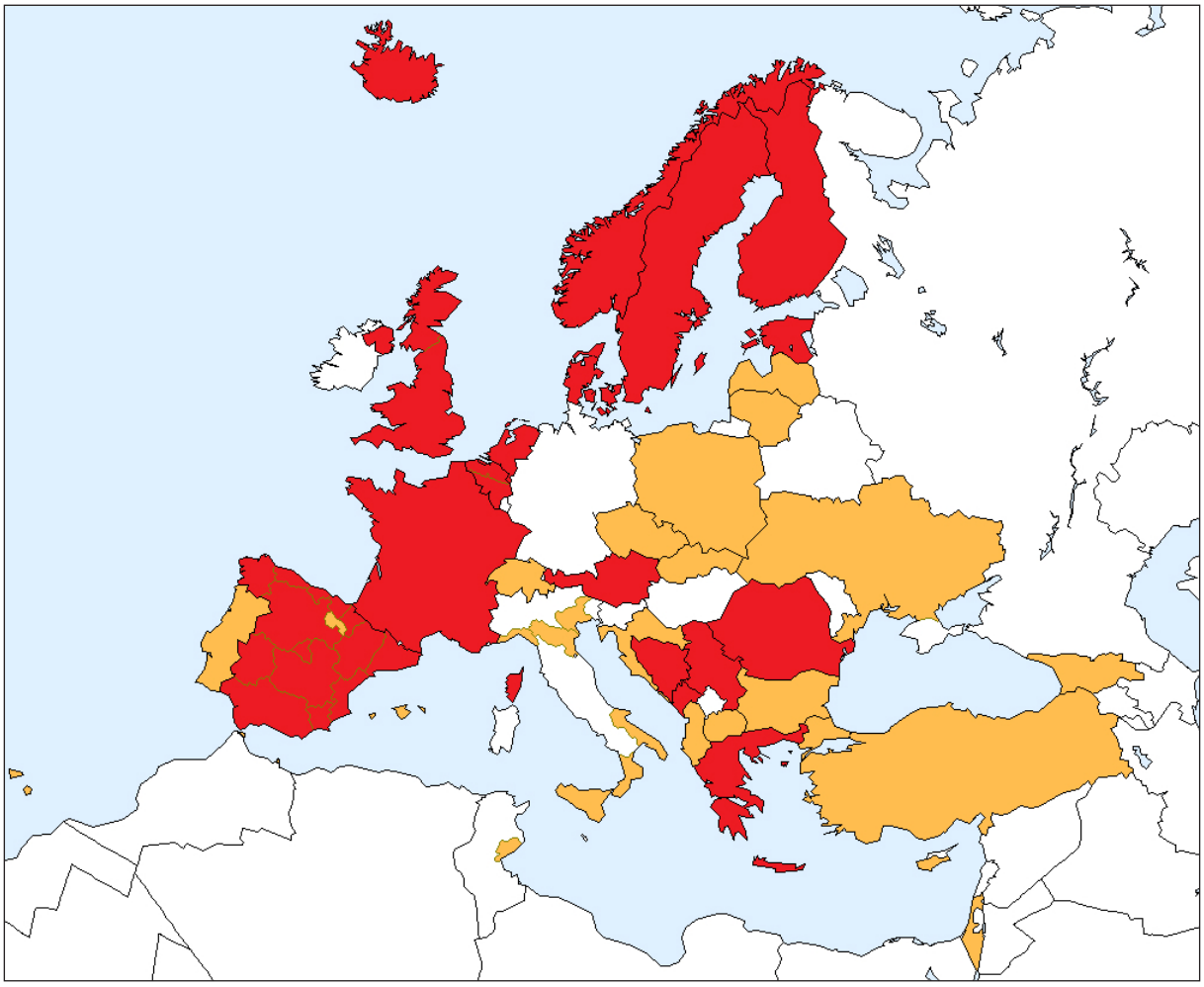
### Patient Survival after First Transplant (cohort 2005-2009 and cohort 2008-2012)

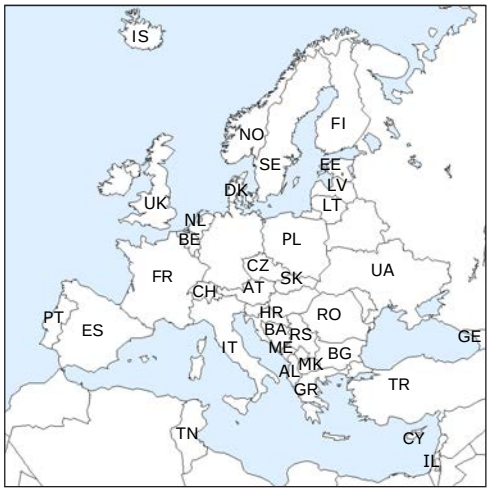
# Introduction

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



registries contributing individual patient data

registries contributing aggregated data




| | |
|---|---|
| AL | Albania |
| AT | Austria |
| BA | Bosnia and Herzegovina |
| BE | Belgium |
| BG | Bulgaria |
| CH | Switzerland |
| CY | Cyprus |
| CZ | Czech Republic |
| DK | Denmark |
| EE | Estonia |
| ES | Spain |
| FI | Finland |
| FR | France |
| GE | Georgia |
| GR | Greece |
| HR | Croatia |
| IL | Israel |
| IS | Iceland |
| IT | Italy |
| LT | Lithuania |
| LV | Latvia |
| ME | Montenegro |
| MK | Macedonia |
| NL | the Netherlands |
| NO | Norway |
| PL | Poland |
| PT | Portugal |
| RO | Romania |
| RS | Serbia |
| SE | Sweden |
| SK | Slovakia |
| TN | Tunisia |
| TR | Turkey |
| UA | Ukraine |
| 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 and countries bordering the Mediterranean Sea. For this 2014 Annual Report data sets from 51 national or regional renal registries in 35 countries were used. The reference tables are presented in two parts: Section B relates to individual patient data from 32 national and regional registries from 17 countries (shown in red in Figure 1), whereas Section C relates to 19 national registries from 19 countries providing aggregated data (shown in orange in Figure 1).

## Chapter overview

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

## New to this edition

This year, we present figures summarizing the data from all participating national and regional registries (Section A). In addition, for the first time Montenegro and the Spanish region of Navarre provided individual patient data for Section B of this report.

## ERA-EDTA Registry website

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

## ESPN/ERA-EDTA Registry website

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

## Section A: Summary data

Table A.1.1
## Summary data on the incidence of RRT in 2014, unadjusted

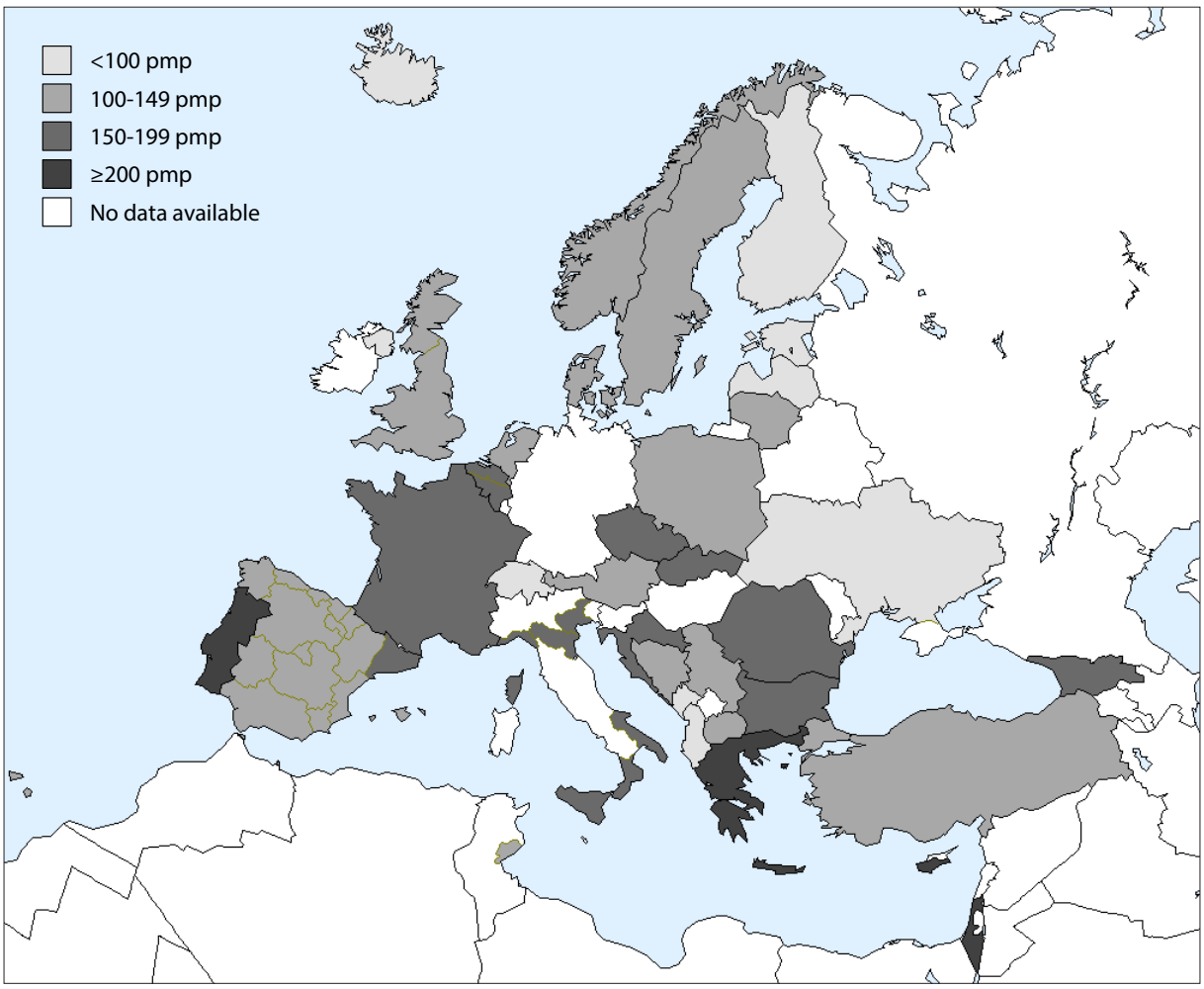
| | General population covered by the registry in thousands | Incidence in 2014, at day 1 | | | | |
|---|---|---|---|---|---|---|
| | | Total N | Total Pmp | Mean Age | DM N | DM Pmp |
| Albania | 2863 | 252 | 88 | 55.1 | 30 | 11 |
| Austria | 8508 | 1036 | 122 | 64.2 | 259 | 30 |
| Belgium, Dutch-speaking * | 6444 | 1145 | 178 | 70.1 | 207 | 32 |
| Belgium, French-speaking * | 4788 | 828 | 173 | 67.5 | 188 | 39 |
| Bosnia and Herzegovina | 3508 | 421 | 120 | 60.7 | 125 | 36 |
| Bulgaria † | 7217 | 1197 | 166 | | 281 | 39 |
| Croatia | 4070 | 640 | 157 | 63.7 | 186 | 46 |
| Cyprus | 847 | 173 | 204 | 64.6 | 58 | 69 |
| Czech Republic † | 10222 | 2017 | 197 | | | |
| Denmark | 5700 | 748 | 131 | 64.2 | 184 | 32 |
| Estonia | 1315 | 115 | 88 | 61.1 | 20 | 15 |
| Finland | 5462 | 461 | 84 | 59.3 | 165 | 30 |
| France | 66262 | 10791 | 163 | 67.6 | 2379 | 36 |
| Georgia | 4491 | 743 | 166 | 58.4 | 159 | 35 |
| Greece | 10892 | 2372 | 218 | 69.7 | 575 | 53 |
| Iceland | 327 | 19 | 58 | 62.0 | 1 | 3 |
| Israel | 8216 | 1668 | 203 | 64.6 | 807 | 98 |
| Italy (6 of 20 regions) | 21274 | 3243 | 152 | 68.6 | 558 | 26 |
| Latvia | 1590 | 152 | 96 | 63.3 | 23 | 15 |
| Lithuania | 2943 | 306 | 104 | 57.8 | 48 | 16 |
| Macedonia | 2022 | 268 | 133 | 63.2 | 62 | 31 |
| Montenegro * | 622 | 58 | 93 | 56.2 | 20 | 32 |
| Norway | 5137 | 523 | 102 | 62.4 | 90 | 18 |
| Poland | 36338 | 4341 | 120 | | | |
| Portugal | 10427 | 2473 | 237 | | 790 | 76 |
| Romania | 19710 | 2997 | 152 | 61.1 | 442 | 22 |
| Serbia | 7131 | 985 | 138 | 61.2 | 250 | 35 |
| Slovakia | 5421 | 831 | 153 | 63.8 | 316 | 58 |
| Spain (All) | 46771 | 6229 | 133 | 63.0 | 1520 | 33 |
| Spain, Andalusia | 8394 | 1046 | 125 | 62.6 | 270 | 32 |
| Spain, Aragon | 1329 | 163 | 123 | 64.1 | 40 | 30 |
| Spain, Asturias | 1059 | 147 | 139 | 64.5 | 33 | 31 |
| Spain, Basque country | 2166 | 241 | 111 | 65.5 | 39 | 18 |
| Spain, Cantabria * | 587 | 61 | 104 | 61.4 | 12 | 21 |
| Spain, Castile and León * | 2487 | 299 | 120 | 67.6 | 79 | 32 |
| Spain, Castile-La Mancha * | 2069 | 252 | 122 | 63.7 | 62 | 30 |
| Spain, Catalonia | 7519 | 1178 | 157 | 66.0 | 259 | 34 |
| Spain, Extremadura | 1100 | 124 | 113 | 66.0 | 28 | 26 |
| Spain, Galicia | 2741 | 398 | 145 | 65.0 | 114 | 42 |
| Spain, Community of Madrid | 6454 | 828 | 128 | 64.3 | 201 | 31 |
| Spain, Region of Murcia | 1467 | 194 | 132 | 62.9 | 46 | 31 |
| Spain, Navarre * | 636 | 83 | 130 | 65.0 | 14 | 22 |
| Spain, Valencian region | 5005 | 704 | 141 | 65.9 | 156 | 31 |
| Sweden | 9696 | 1168 | 121 | 62.5 | 273 | 28 |
| Switzerland § | 8230 | 800 | 97 | 64.5 | 157 | 19 |
| the Netherlands | 16865 | 1941 | 115 | 63.6 | 358 | 21 |
| Tunisia, Sfax region | 1186 | 165 | 139 | 60.1 | 59 | 50 |
| Turkey ‡ | 77696 | 11447 | 147 | | 1042 | 13 |
| Ukraine | 42903 | 998 | 23 | | 196 | 5 |
| United Kingdom, England * | 54317 | 6311 | 116 | 62.3 | 1441 | 27 |
| United Kingdom, Northern Ireland * | 1840 | 170 | 92 | 64.6 | 39 | 21 |
| United Kingdom, Scotland | 5348 | 557 | 104 | 58.8 | 164 | 31 |
| United Kingdom, Wales * | 3092 | 364 | 118 | 65.5 | 94 | 30 |
| All countries | 531690 | 70953 | 133 | 64.6 | 13566 | 32 |

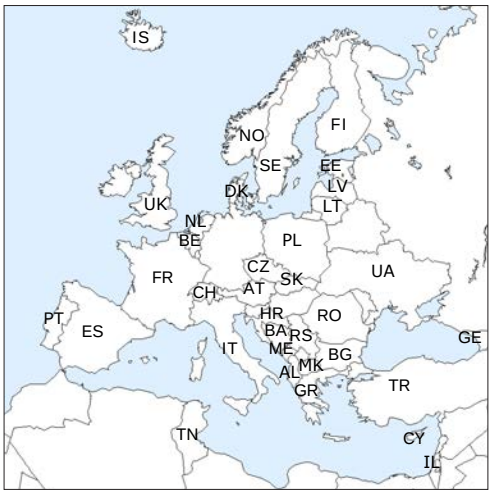
*When cells are left empty, the data are unavailable and therefore could not be used for the calculation of the summary data*
*DM = diabetes mellitus as cause of renal failure*
** Patients younger than 20 years of age are not reported. The true incidence and prevalent counts are therefore slightly higher than the counts reported here*
*† Data on incidence include dialysis patients only*
*§ Data on incidence of cause of renal failure (DM) include dialysis patients only*
*‡ Data on incidence of cause of renal failure (DM) is based on 2836 of 11447 patients (24.8%)*

Figure A.1.1

## Incident rates per million population by country / region, unadjusted

*at day 1*

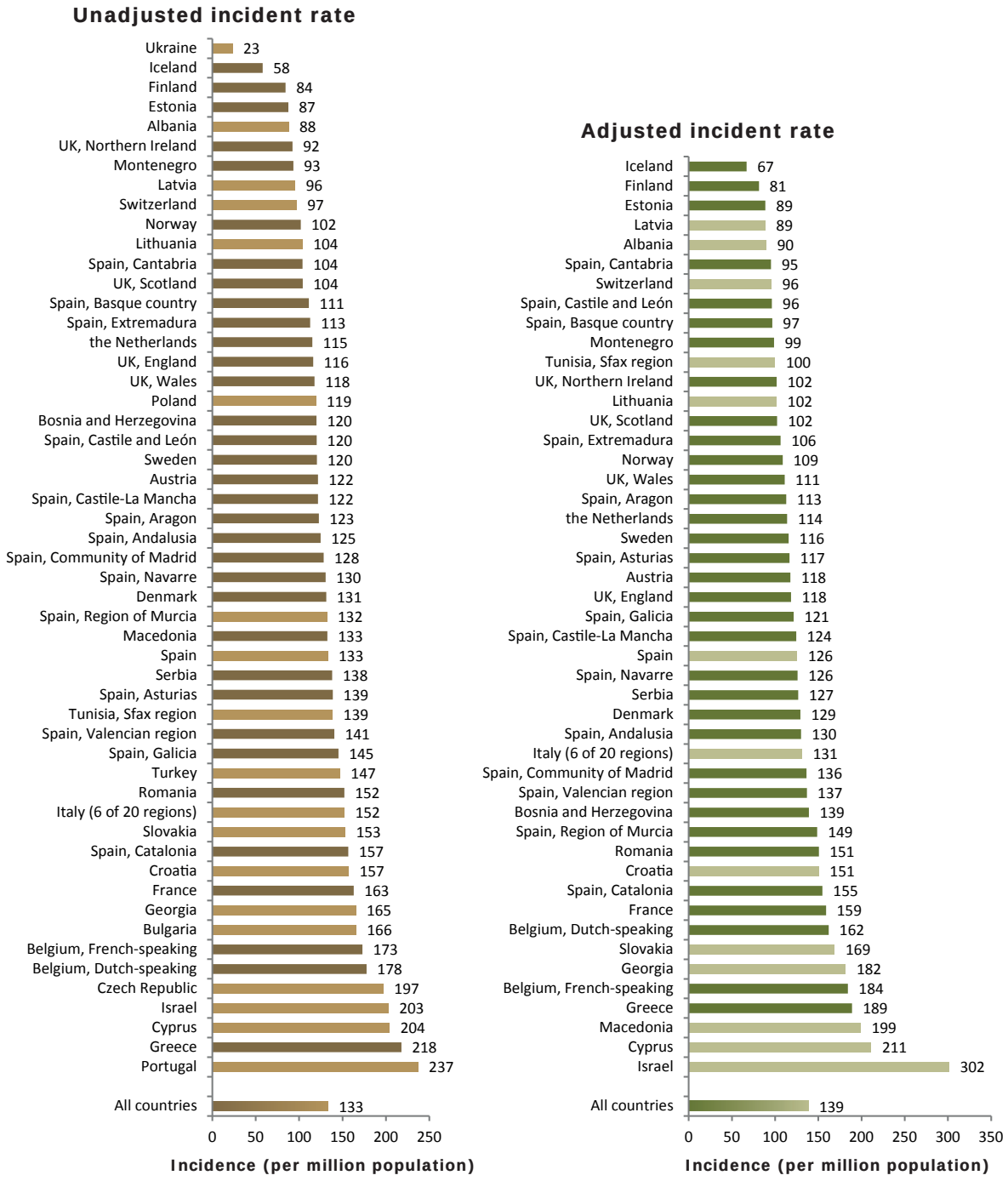



| | | | |
|---|---|---|---|
| AL | Albania | IT | Italy |
| AT | Austria | LT | Lithuania |
| BA | Bosnia and Herzegovina | LV | Latvia |
| BE | Belgium | ME | Montenegro |
| BG | Bulgaria | MK | Macedonia |
| CH | Switzerland | NL | the Netherlands |
| CY | Cyprus | NO | Norway |
| CZ | Czech Republic | PL | Poland |
| DK | Denmark | PT | Portugal |
| EE | Estonia | RO | Romania |
| ES | Spain | RS | Serbia |
| FI | Finland | SE | Sweden |
| FR | France | SK | Slovakia |
| GE | Georgia | TN | Tunisia |
| GR | Greece | TR | Turkey |
| HR | Croatia | UA | Ukraine |
| IL | Israel | UK | United Kingdom |
| IS | Iceland | | |

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

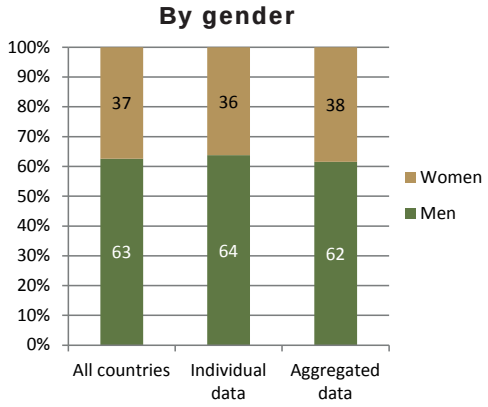
Figure A.1.2
**Incident rates per million population by country / region, unadjusted and adjusted**
*at day 1*



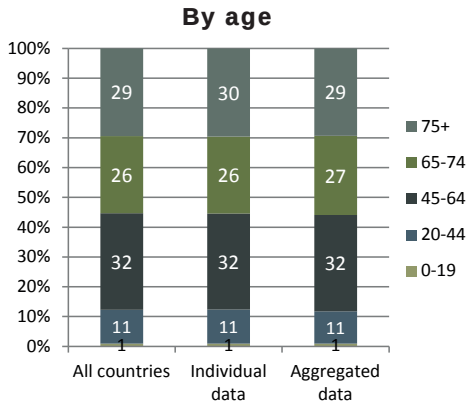

Registries providing individual patient data are shown as dark bars, and registries providing aggregated data as light bars.

Detailed information on the contents of this figure can be found in tables B.2.2 and B.2.5 for registries providing individual patient data, and in tables C.2.2 and C.2.5 for registries providing aggregated data.

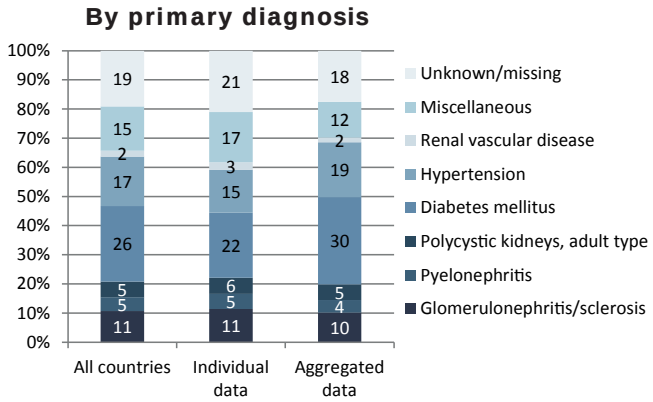
Figure A.1.3
**Incident percentages by gender, age, and primary diagnosis, unadjusted**
*at day 1*




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

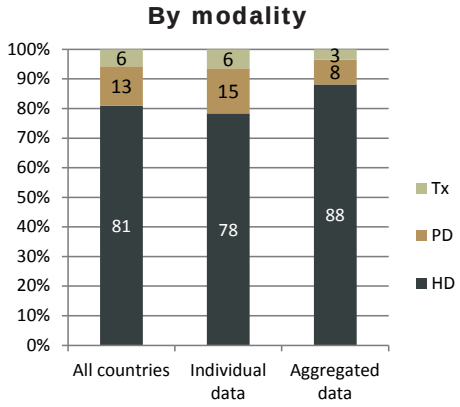



This figure summarizes the data presented in tables B.2.1 and C.2.1.



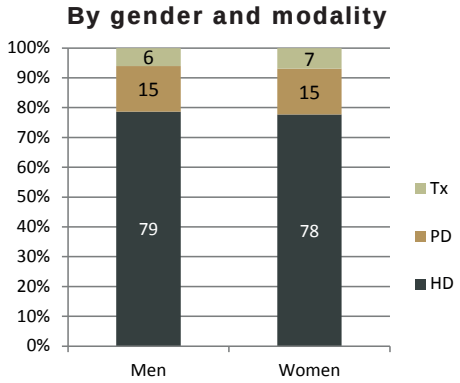

This figure summarizes the data presented in tables B.2.4 and C.2.4.

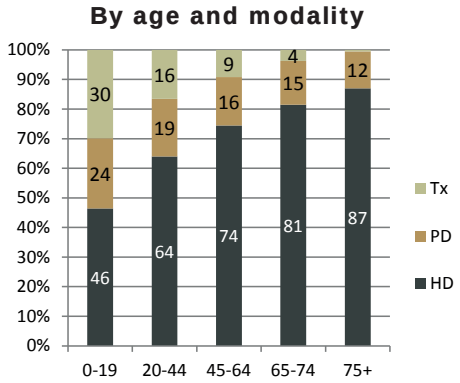
Figure A.2.1
**Incident percentages of established therapy by age, gender and primary diagnosis, unadjusted**
*at day 91*

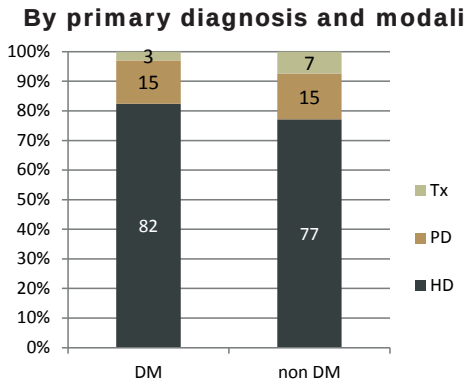



This figure summarizes the data presented in tables B.3.9 and C.3.8.

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




These figures summarize the data presented in table B.3.10.

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

Table A.3.1

## Summary data on the prevalence of RRT at 31 December 2014, unadjusted

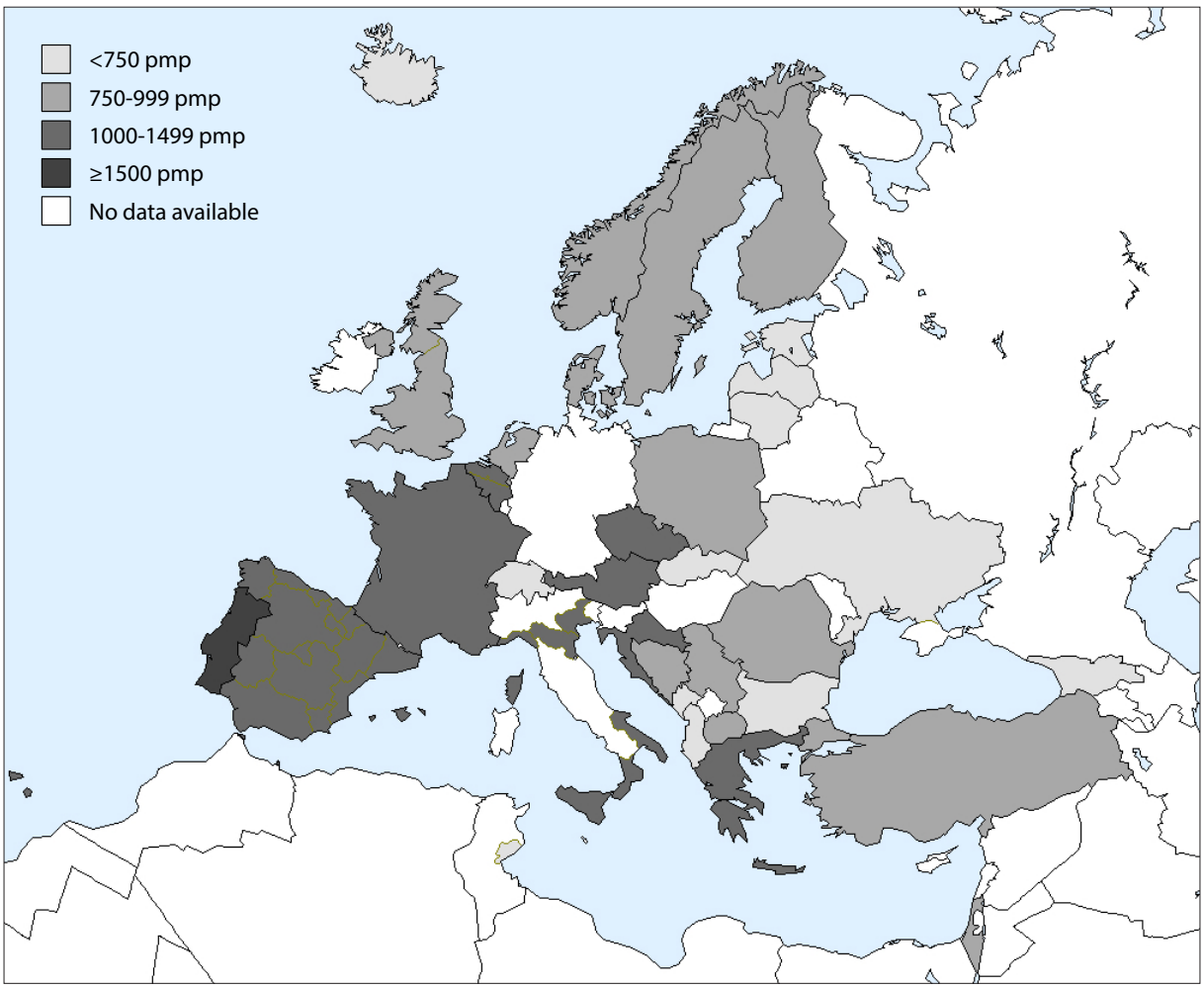
| | General population covered by the registry in thousands | Prevalent patients on RRT in 2014 | | | | |
|---|---|---|---|---|---|---|
| | | Total N | Total Pmp | Mean Age | DM N | DM Pmp |
| Albania | 2863 | 1072 | 374 | 51.4 | 120 | 42 |
| Austria | 8508 | 9038 | 1062 | 60.8 | 1791 | 211 |
| Belgium, Dutch-speaking * | 6444 | 7980 | 1238 | 65.5 | 1379 | 214 |
| Belgium, French-speaking * | 4788 | 5983 | 1250 | 64.6 | 1035 | 216 |
| Bosnia and Herzegovina | 3508 | 2662 | 759 | 59.4 | 501 | 143 |
| Bulgaria | 7217 | 4168 | 578 | | | |
| Croatia | 4070 | 4295 | 1055 | 64.6 | 1246 | 306 |
| Cyprus | 847 | | | | | |
| Czech Republic | 10222 | 10931 | 1069 | | | |
| Denmark | 5700 | 5164 | 906 | 58.4 | 869 | 153 |
| Estonia | 1315 | 834 | 634 | 57.8 | 155 | 118 |
| Finland | 5462 | 4571 | 837 | 58.8 | 1167 | 214 |
| France | 66262 | 80144 | 1210 | 62.2 | 12604 | 190 |
| Georgia | 4491 | 2096 | 467 | 56.1 | 435 | 97 |
| Greece | 10892 | 13101 | 1203 | 63.8 | 2399 | 220 |
| Iceland | 327 | 221 | 675 | 56.0 | 24 | 73 |
| Israel & | 8216 | 6286 | 765 | 60.9 | 2909 | 354 |
| Italy (6 of 20 regions) | 21274 | 24721 | 1162 | 61.8 | 2941 | 138 |
| Latvia | 1590 | 996 | 627 | 55.7 | 97 | 61 |
| Lithuania | 2943 | 2146 | 729 | | | |
| Macedonia | 2022 | 1543 | 763 | 56.9 | 225 | 111 |
| Montenegro * | 622 | 296 | 476 | 52.4 | 47 | 76 |
| Norway | 5137 | 4716 | 918 | 59.1 | 628 | 122 |
| Poland | 36338 | 31106 | 856 | | | |
| Portugal + | 10427 | 18703 | 1794 | 66.4 | 3332 | 320 |
| Romania \|\| | 19710 | 17620 | 894 | 59.9 | 1897 | 96 |
| Serbia | 7131 | 5860 | 822 | 58.3 | 936 | 131 |
| Slovakia & | 5421 | 3273 | 604 | 62.7 | 1067 | 197 |
| Spain (All) | 46771 | 55062 | 1177 | 59.5 | 7630 | 163 |
| Spain, Andalusia | 8394 | 9537 | 1136 | 60.0 | 1427 | 170 |
| Spain, Aragon | 1329 | 1524 | 1147 | 62.5 | 268 | 202 |
| Spain, Asturias | 1059 | 1228 | 1160 | 62.4 | 201 | 190 |
| Spain, Basque country | 2166 | 2571 | 1187 | 61.5 | 264 | 122 |
| Spain, Cantabria * | 587 | 601 | 1025 | 61.0 | 85 | 145 |
| Spain, Castile and León * | 2487 | 2696 | 1084 | 63.8 | 467 | 188 |
| Spain, Castile-La Mancha * | 2069 | 2180 | 1054 | 61.6 | 335 | 162 |
| Spain, Catalonia | 7519 | 9863 | 1312 | 62.3 | 1410 | 188 |
| Spain, Extremadura | 1100 | 1221 | 1110 | 61.4 | 191 | 174 |
| Spain, Galicia | 2741 | 3468 | 1265 | 61.9 | 600 | 219 |
| Spain, Community of Madrid | 6454 | 6739 | 1044 | 61.4 | 1183 | 183 |
| Spain, Region of Murcia | 1467 | 1845 | 1258 | 61.7 | 251 | 171 |
| Spain, Navarre * | 636 | 714 | 1122 | 61.9 | 79 | 124 |
| Spain, Valencian region | 5005 | 6495 | 1298 | 62.7 | 853 | 170 |
| Sweden | 9696 | 9263 | 955 | 59.5 | 1641 | 169 |
| Switzerland & | 8230 | 2834 | 344 | 68.1 | 540 | 66 |
| the Netherlands | 16865 | 16311 | 967 | 59.9 | 1991 | 118 |
| Tunisia, Sfax region & | 1186 | 806 | 678 | 58.2 | 140 | 118 |
| Turkey ‡ | 77696 | 71318 | 918 | | 2821 | 36 |
| Ukraine | 42903 | 6742 | 157 | | 902 | 21 |
| United Kingdom, England * | 54317 | 49698 | 915 | 58.4 | 8043 | 148 |
| United Kingdom, Northern Ireland * | 1840 | 1598 | 868 | 58.2 | 243 | 132 |
| United Kingdom, Scotland | 5348 | 4757 | 890 | 56.5 | 724 | 135 |
| United Kingdom, Wales * | 3092 | 2828 | 915 | 59.5 | 483 | 156 |
| All countries | 531690 | 490743 | 924 | 60.9 | 62962 | 155 |

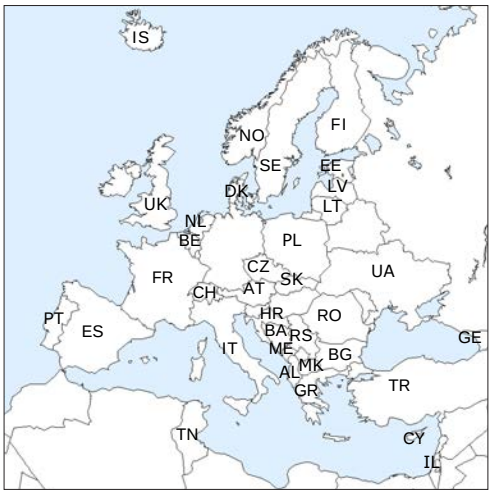
*When cells are left empty, the data are unavailable and therefore could not be used for the calculation of the summary data*
*DM = diabetes mellitus as cause of renal failure*
** Patients younger than 20 years of age are not reported. The true incidence and prevalent counts are therefore slightly higher than the counts reported here*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*
*+ Data on prevalence of cause of renal failure (DM) include dialysis patients only*
*& Data on prevalence include dialysis patients only*
*‡ Data on the prevalence of cause of renal failure (DM) is based on 8897 of 71318 patients (12.5%)*

Figure A.3.1

## Prevalence per million population by country / region, unadjusted

*prevalent patients on December 31*



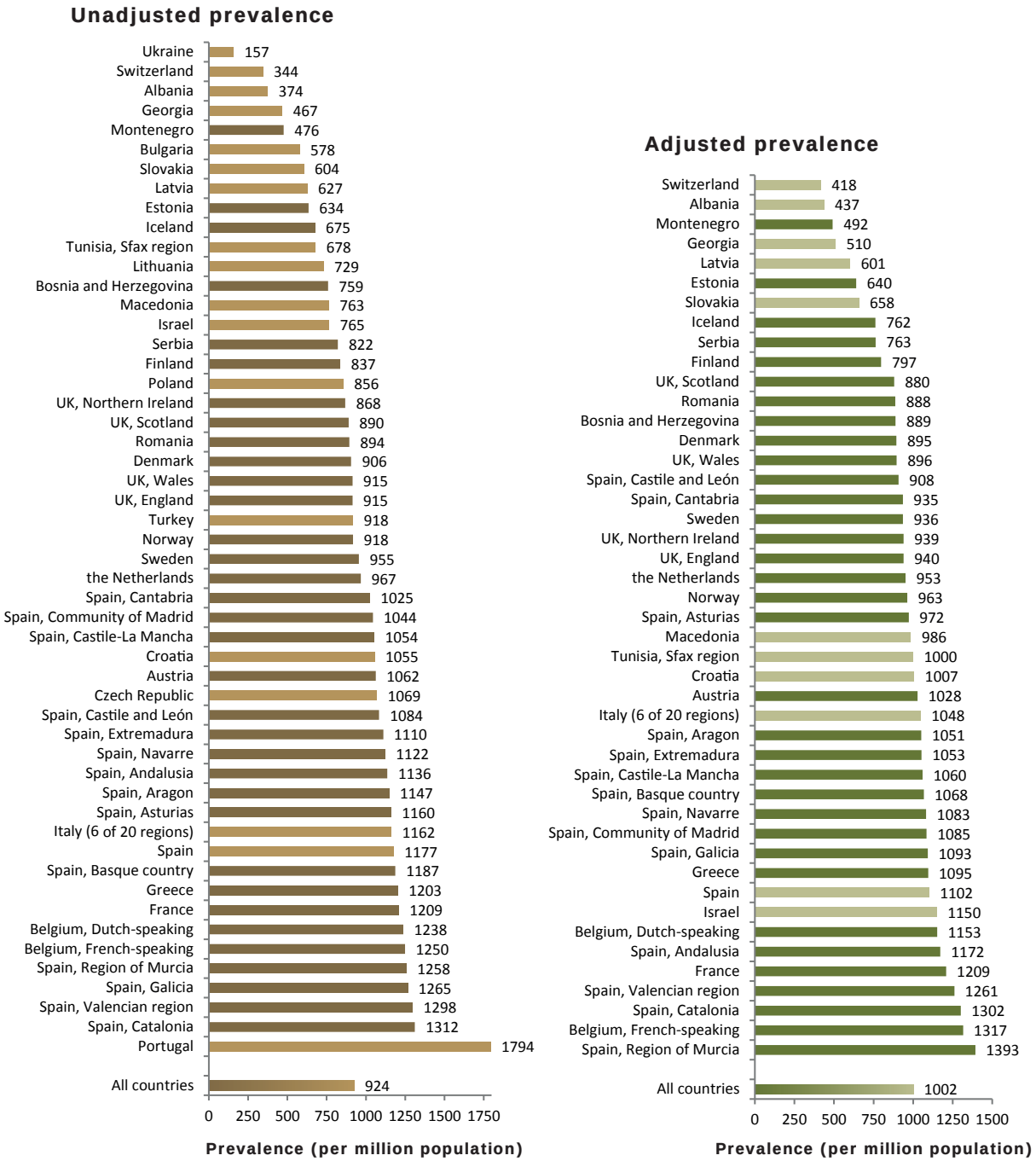

| | | | |
|---|---|---|---|
| AL | Albania | IT | Italy |
| AT | Austria | LT | Lithuania |
| BA | Bosnia and Herzegovina | LV | Latvia |
| BE | Belgium | ME | Montenegro |
| BG | Bulgaria | MK | Macedonia |
| CH | Switzerland | NL | the Netherlands |
| CY | Cyprus | NO | Norway |
| CZ | Czech Republic | PL | Poland |
| DK | Denmark | PT | Portugal |
| EE | Estonia | RO | Romania |
| ES | Spain | RS | Serbia |
| FI | Finland | SE | Sweden |
| FR | France | SK | Slovakia |
| GE | Georgia | TN | Tunisia |
| GR | Greece | TR | Turkey |
| HR | Croatia | UA | Ukraine |
| IL | Israel | UK | United Kingdom |
| IS | Iceland | | |

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

Figure A.3.2

## Prevalence per million population by country / region, unadjusted and adjusted

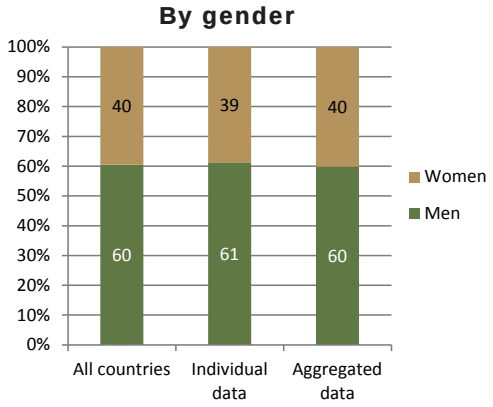
*prevalent patients on December 31*



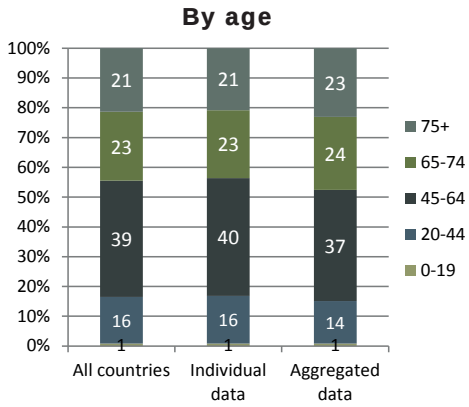

Registries providing individual patient data are shown as dark bars, and registries providing aggregated data as light bars.

Detailed information on the contents of this figure can be found in tables B.4.2 and B.4.5 for registries providing individual patient data, and in tables C.4.2 and C.4.5 for registries providing aggregated data.

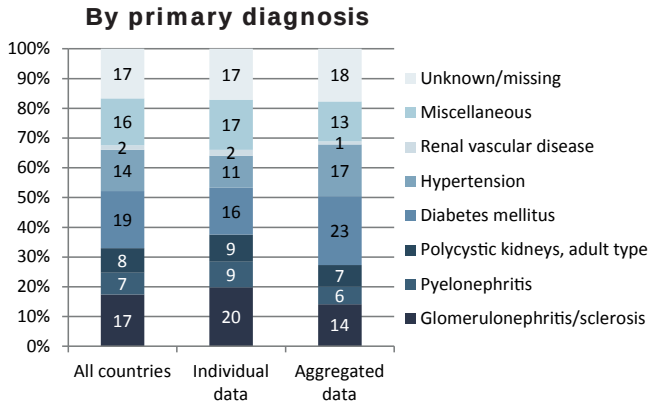
Figure A.3.3
## Prevalent percentages by gender, age, and primary diagnosis, unadjusted
*prevalent patients on December 31*




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




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

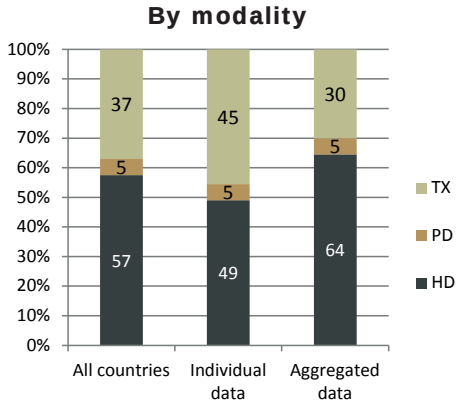



This figure summarizes the data presented in tables B.4.4 and C.4.4.

Figure A.3.4

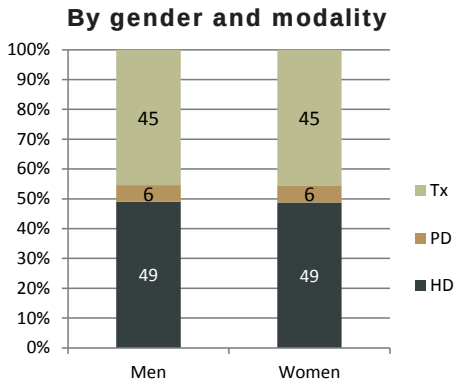
## Prevalent percentages of established therapy by age, gender and primary diagnosis, unadjusted

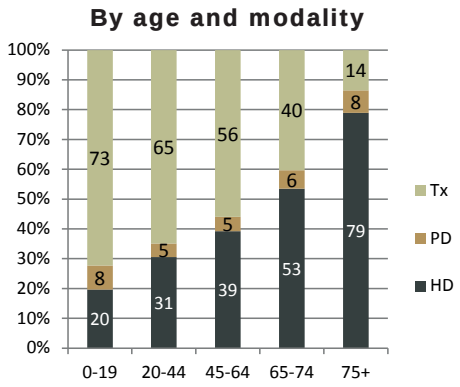
*prevalent patients on December 31*

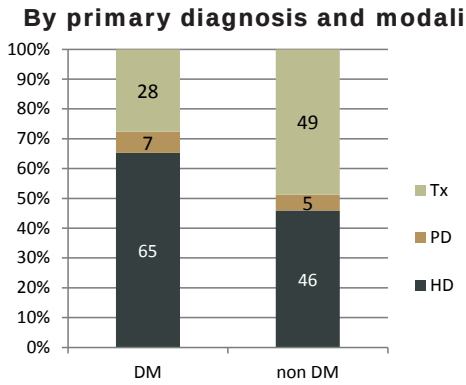



This figure summarizes the data presented in tables B.4.9 and C.4.8.

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



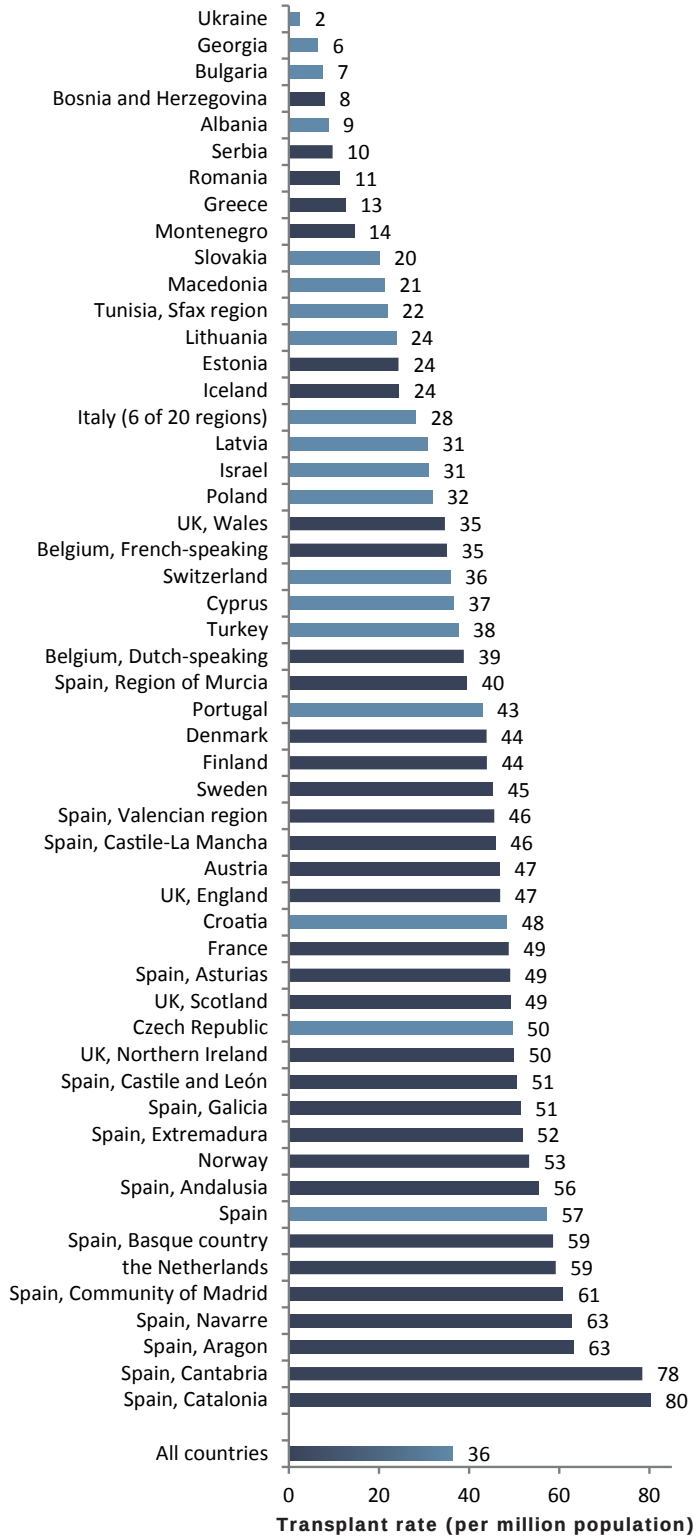




These figures summarize the data presented in table B.4.10.

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

Figure A.4.1

## Renal transplants performed, as counts and per million population by country / region, unadjusted



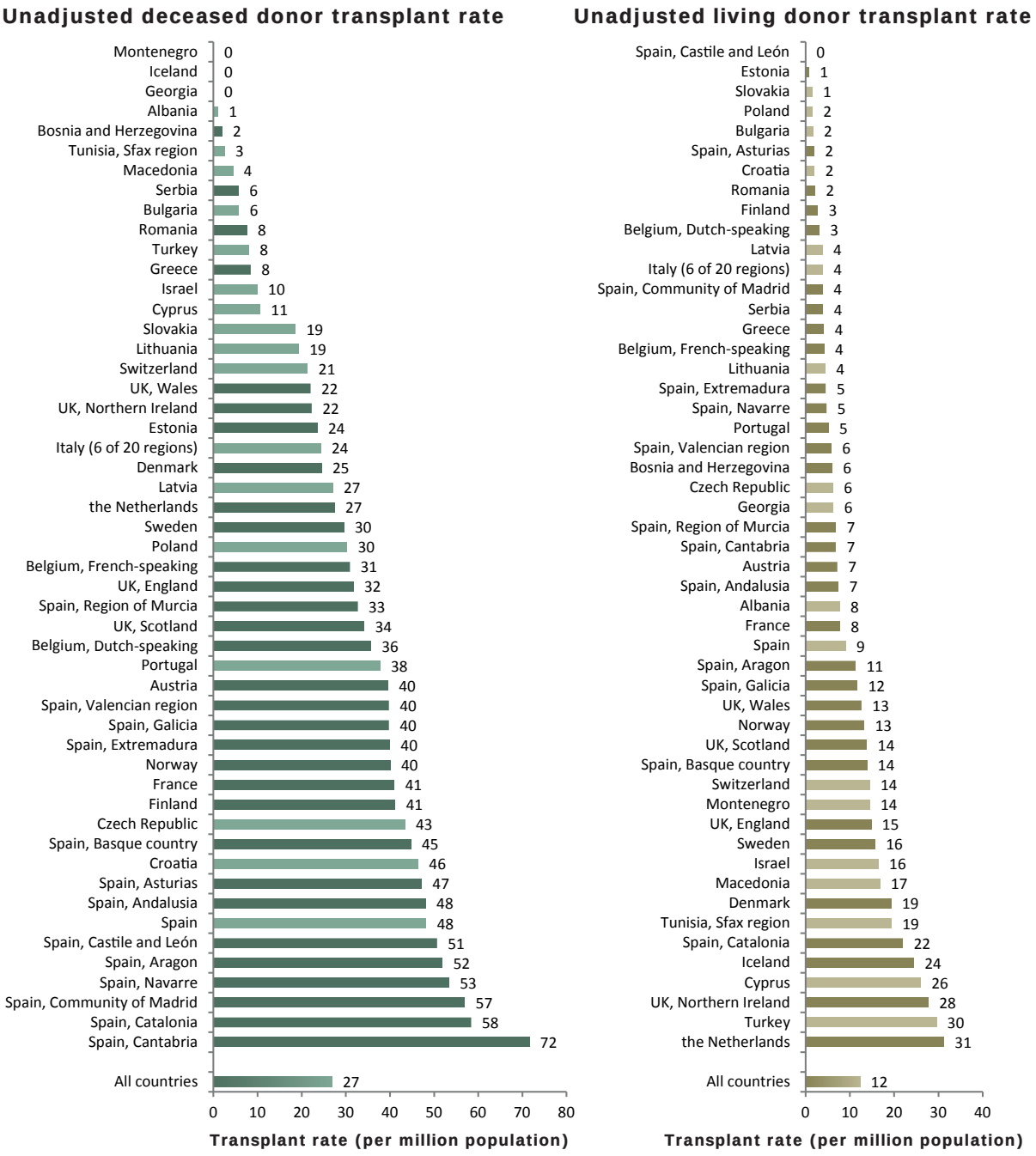

| | Total N | % Deceased donor | % Living donor | % Unknown donor type |
|---|---|---|---|---|
| Ukraine | 106 | - | - | 100 |
| Georgia | 29 | 0 | 97 | 3 |
| Bulgaria | 54 | 78 | 22 | 0 |
| Bosnia and Herzegovina | 28 | 25 | 75 | 0 |
| Albania | 25 | 12 | 88 | 0 |
| Serbia | 69 | 59 | 41 | 0 |
| Romania | 224 | 67 | 18 | 15 |
| Greece | 137 | 67 | 33 | 0 |
| Montenegro | 9 | 0 | 100 | 0 |
| Slovakia | 109 | 93 | 7 | 0 |
| Macedonia | 43 | 21 | 79 | 0 |
| Tunisia, Sfax region | 26 | 12 | 88 | 0 |
| Lithuania | 70 | 81 | 19 | 0 |
| Estonia | 32 | 97 | 3 | 0 |
| Iceland | 8 | 0 | 100 | 0 |
| Italy (6 of 20 regions) | 600 | 86 | 14 | 0 |
| Latvia | 49 | 88 | 12 | 0 |
| Israel | 255 | 32 | 53 | 15 |
| Poland | 1156 | 95 | 5 | 0 |
| UK, Wales | 107 | 64 | 36 | 0 |
| Belgium, French-speaking | 168 | 88 | 12 | 0 |
| Switzerland | 295 | 60 | 40 | 0 |
| Cyprus | 31 | 29 | 71 | 0 |
| Turkey | 2924 | 21 | 79 | 0 |
| Belgium, Dutch-speaking | 250 | 92 | 8 | 0 |
| Spain, Region of Murcia | 58 | 83 | 17 | 0 |
| Portugal | 448 | 88 | 12 | 0 |
| Denmark | 250 | 56 | 44 | 0 |
| Finland | 240 | 94 | 6 | 0 |
| Sweden | 439 | 65 | 35 | 0 |
| Spain, Valencian region | 228 | 87 | 13 | 0 |
| Spain, Castile-La Mancha | 95 | - | - | 100 |
| Austria | 434 | 85 | 15 | 0 |
| UK, England | 2547 | 68 | 32 | 1 |
| Croatia | 197 | 96 | 4 | 0 |
| France | 3234 | 84 | 16 | 0 |
| Spain, Asturias | 52 | 96 | 4 | 0 |
| UK, Scotland | 263 | 70 | 28 | 2 |
| Czech Republic | 507 | 88 | 12 | 0 |
| UK, Northern Ireland | 92 | 45 | 55 | 0 |
| Spain, Castile and León | 126 | 100 | 0 | 0 |
| Spain, Galicia | 141 | 77 | 23 | 0 |
| Spain, Extremadura | 57 | 77 | 9 | 14 |
| Norway | 274 | 75 | 25 | 0 |
| Spain, Andalusia | 466 | 87 | 13 | 0 |
| Spain | 2678 | 84 | 16 | 0 |
| Spain, Basque country | 127 | 76 | 24 | 0 |
| the Netherlands | 999 | 46 | 53 | 1 |
| Spain, Community of Madrid | 393 | 94 | 6 | 0 |
| Spain, Navarre | 40 | 85 | 8 | 8 |
| Spain, Aragon | 84 | 82 | 18 | 0 |
| Spain, Cantabria | 46 | 91 | 9 | 0 |
| Spain, Catalonia | 604 | 73 | 27 | 0 |
| All countries | 19406 | 68 | 31 | 1 |

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

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

Figure A.4.2

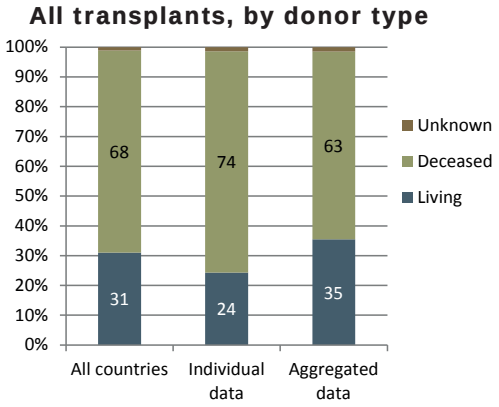
## Renal transplants performed by donor type, per million population by country / region, unadjusted




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

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

Figure A.4.3
## Transplant percentages by donor type, unadjusted




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

Table A.5.1

## One-, two- and five-year survival probabilities by modality and cohort

*from day 1 of RRT / dialysis, or from day of transplant*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| **Patient survival on RRT** | | | | | |
| Unadjusted | 82.7 (82.5-82.8) | 72.0 (71.8-72.1) | 49.4 (49.2-49.5) | 83.8 (83.6-84.0) | 73.7 (73.5-73.9) |
| Adjusted * | 90.0 (89.9-90.2) | 82.8 (82.6-83.0) | 63.3 (63.0-63.6) | 90.6 (90.4-90.7) | 83.8 (83.6-84.0) |
| **Patient survival on dialysis (with kidney transplantation as a censored observation)** | | | | | |
| Unadjusted | 81.7 (81.5-81.9) | 69.7 (69.5-69.9) | 41.5 (41.3-41.6) | 82.7 (82.6-82.9) | 71.3 (71.1-71.4) |
| Adjusted * | 88.1 (87.9-88.2) | 79.5 (79.2-79.7) | 55.7 (55.3-56.1) | 89.0 (88.9-89.2) | 81.1 (80.8-81.3) |
| **Patient survival on dialysis (with kidney transplantation as a competing event)** | | | | | |
| Unadjusted | 82.0 (81.9-82.2) | 71.1 (70.9-71.3) | 48.8 (48.6-49.0) | 83.1 (82.9-83.2) | 72.7 (72.5-72.9) |
| Adjusted * | 90.2 (90.1-90.3) | 83.2 (83.0-83.4) | 64.6 (64.4-64.9) | 90.4 (90.3-90.6) | 83.6 (83.5-83.8) |
| **Patient survival after first kidney transplantation (deceased donor)** | | | | | |
| Unadjusted | 96.1 (95.8-96.3) | 94.2 (93.9-94.5) | 87.9 (87.5-88.3) | 96.4 (96.1-96.6) | 94.4 (94.1-94.6) |
| Adjusted ** | 97.6 (97.4-97.8) | 96.4 (96.2-96.6) | 92.3 (91.9-92.7) | 98.0 (97.8-98.1) | 96.8 (96.6-97.0) |
| **Graft survival after first kidney transplantation (deceased donor)** | | | | | |
| Unadjusted | 90.9 (90.6-91.2) | 88.1 (87.7-88.4) | 79.0 (78.6-79.4) | 91.2 (90.9-91.5) | 88.3 (88.0-88.6) |
| Adjusted ** | 92.2 (91.8-92.5) | 89.7 (89.3-90.1) | 81.6 (81.1-82.2) | 92.7 (92.4-93.0) | 90.2 (89.8-90.6) |
| **Patient survival after first kidney transplantation (living donor)** | | | | | |
| Unadjusted | 98.4 (98.1-98.7) | 97.5 (97.1-97.8) | 94.2 (93.7-94.7) | 98.8 (98.6-99.0) | 97.9 (97.6-98.2) |
| Adjusted ** | 98.8 (98.6-99.1) | 98.2 (97.9-98.5) | 95.7 (95.2-96.2) | 99.2 (99.0-99.3) | 98.6 (98.3-98.8) |
| **Graft survival after first kidney transplantation (living donor)** | | | | | |
| Unadjusted | 95.5 (95.0-95.9) | 93.6 (93.0-94.1) | 87.0 (86.4-87.7) | 96.3 (95.9-96.6) | 94.5 (94.1-94.9) |
| Adjusted ** | 95.5 (95.0-96.0) | 93.7 (93.1-94.2) | 87.0 (86.3-87.8) | 96.3 (96.0-96.7) | 94.6 (94.2-95.1) |

** Analyses were adjusted using fixed values: age (60 years), gender (60% men) and PRD (20% diabetes mellitus, 17% hypertension/renal vascular disease, 15% glomerulonephritis and 48% other causes).*

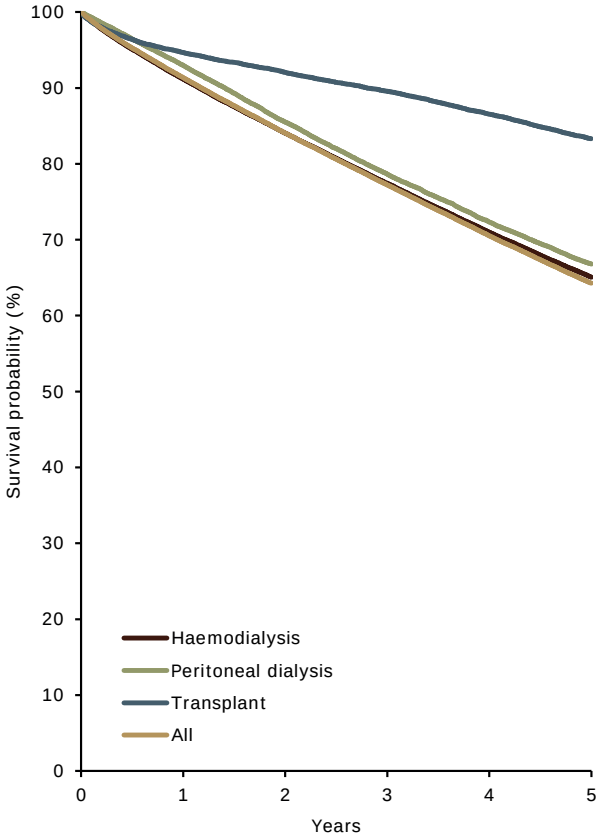
*** Analyses were adjusted using fixed values: age (45 years), gender (60% men) and PRD (10% diabetes mellitus, 8% hypertension/renal vascular disease, 28% glomerulonephritis and 54% other causes).*

This table summarizes the survival data presented in the tables B.6.1 to B.6.16, and is based on data from the following registries providing individual patient data: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries).

Figure A.5.1

## Adjusted survival (cohort 2005-2009): Incident dialysis patients and patients receiving a first transplant (between 2005 and 2009)

*from day 91, by modality, adjusted for age, gender, and primary diagnosis*



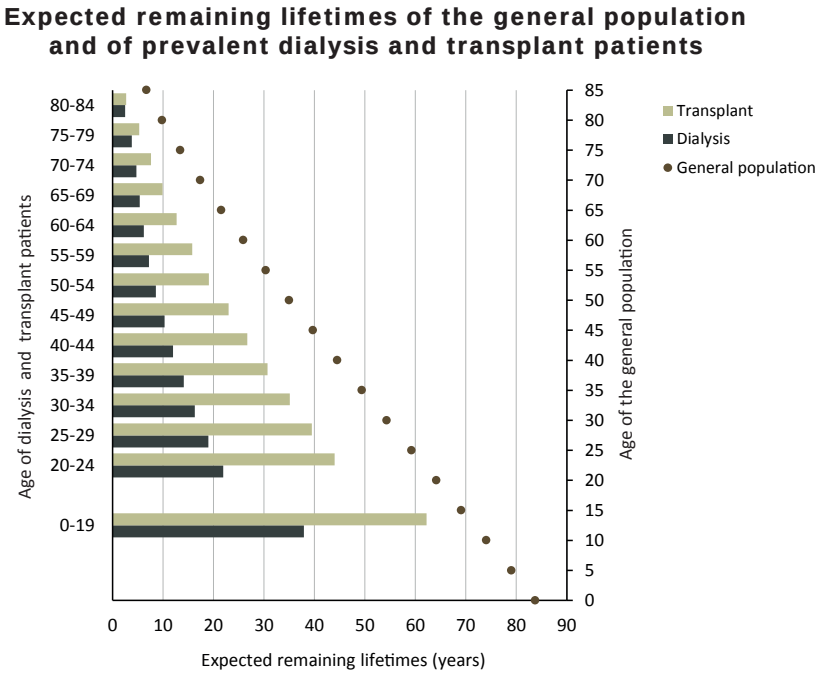

Survival on dialysis was examined using the Fine and Gray competing risk method, with transplantation as a competing event (see methods).

Analyses were adjusted using fixed values: age (60 years), gender (60% men) and PRD (20% diabetes mellitus, 17% hypertension/renal vascular disease, 15% glomerulonephritis and 48% other causes).

This figure is based on data from the following registries providing individual patient data: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries).

Figure A.6.1

**Expected remaining lifetimes of the general population in 2013 and 2014, and of prevalent dialysis and transplant patients in 2013 and 2014 (includes mortality in the first 90 days), by age and gender**




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

## Section B: Individual patient data reference tables

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

| | General population of whole country / region in thousands | % Coverage of general population by the registry for individual patient data | Total number of renal centres of whole country / region | Number of renal centres collaborating with the registry for individual patient data |
|---|---|---|---|---|
| Austria | 8508 | 100 | 79 | 79 |
| Belgium, Dutch-speaking | 6444 | 100 | 27 | 27 |
| Belgium, French-speaking | 4788 | 100 | 24 | 24 |
| Bosnia and Herzegovina | 3508 | 100 | 27 | 27 |
| Denmark | 5700 | 100 | 15 | 15 |
| Estonia | 1315 | 100 | 3 | 3 |
| Finland | 5462 | 100 | 31 | 31 |
| France | 66262 | 100 | 1255 | 1255 |
| Greece | 10892 | 100 | 167 | 167 |
| Iceland | 327 | 100 | 1 | 1 |
| Montenegro | 622 | 100 | 11 | 11 |
| Norway | 5137 | 100 | 25 | 25 |
| Romania | 19909 | 99.0 | 138 | 137 |
| Serbia | 7131 | 100 | 63 | 63 |
| Spain, Andalusia | 8394 | 100 | 61 | 61 |
| Spain, Aragon | 1329 | 100 | 10 | 10 |
| Spain, Asturias | 1059 | 100 | 10 | 10 |
| Spain, Basque country | 2166 | 100 | 11 | 11 |
| Spain, Cantabria | 587 | 100 | 2 | 2 |
| Spain, Castile and León | 2487 | 100 | 23 | 23 |
| Spain, Castile-La Mancha | 2069 | 100 | 12 | 12 |
| Spain, Catalonia | 7519 | 100 | 47 | 47 |
| Spain, Extremadura | 1100 | 100 | 12 | 12 |
| Spain, Galicia | 2741 | 100 | 25 | 25 |
| Spain, Community of Madrid | 6454 | 100 | 38 | 38 |
| Spain, Region of Murcia | 1467 | 100 | 13 | 13 |
| Spain, Navarre | 636 | 100 | 4 | 4 |
| Spain, Valencian region | 5005 | 100 | 49 | 49 |
| Sweden | 9696 | 100 | 66 | 66 |
| the Netherlands | 16865 | 100 | 77 | 77 |
| United Kingdom, All countries | 64597 | 100 | 72 | 72 |
| United Kingdom, England | 54317 | 100 | 52 | 52 |
| United Kingdom, Northern Ireland | 1840 | 100 | 5 | 5 |
| United Kingdom, Scotland | 5348 | 100 | 10 | 10 |
| United Kingdom, Wales | 3092 | 100 | 5 | 5 |

Table B.2.1

## Incident counts and percentages by age and gender

*at day 1*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Austria | 1036 | 682 | 354 | 15 | 1 | 10 | 1 | 5 | 1 | 102 | 10 | 71 | 10 | 31 | 9 | 343 | 33 | 219 | 32 | 124 | 35 | 313 | 30 | 221 | 32 | 92 | 26 | 263 | 25 | 161 | 24 | 102 | 29 |
| Belgium, Dutch-speaking * | 1145 | 698 | 447 | | | | | | | 74 | 6 | 49 | 7 | 25 | 6 | 273 | 24 | 184 | 26 | 89 | 20 | 273 | 24 | 149 | 21 | 124 | 28 | 525 | 46 | 316 | 45 | 209 | 47 |
| Belgium, French-speaking * | 828 | 559 | 269 | | | | | | | 69 | 8 | 43 | 8 | 26 | 10 | 234 | 28 | 160 | 29 | 74 | 28 | 235 | 28 | 166 | 30 | 69 | 26 | 290 | 35 | 190 | 34 | 100 | 37 |
| Bosnia and Herzegovina | 421 | 257 | 164 | 3 | 1 | 2 | 1 | 1 | 1 | 60 | 14 | 34 | 13 | 26 | 16 | 170 | 40 | 115 | 45 | 55 | 34 | 119 | 28 | 65 | 25 | 54 | 33 | 69 | 16 | 41 | 16 | 28 | 17 |
| Denmark | 748 | 496 | 252 | 7 | 1 | 4 | 1 | 3 | 1 | 81 | 11 | 56 | 11 | 25 | 10 | 231 | 31 | 150 | 30 | 81 | 32 | 220 | 29 | 149 | 30 | 71 | 28 | 209 | 28 | 137 | 28 | 72 | 29 |
| Estonia | 115 | 68 | 47 | 1 | 1 | 1 | 1 | 0 | 0 | 17 | 15 | 9 | 13 | 8 | 17 | 47 | 41 | 29 | 43 | 18 | 38 | 20 | 17 | 12 | 18 | 8 | 17 | 30 | 26 | 17 | 25 | 13 | 28 |
| Finland | 461 | 320 | 141 | 14 | 3 | 9 | 3 | 5 | 4 | 64 | 14 | 40 | 13 | 24 | 17 | 190 | 41 | 139 | 43 | 51 | 36 | 110 | 24 | 79 | 25 | 31 | 22 | 83 | 18 | 53 | 17 | 30 | 21 |
| France | 10791 | 6819 | 3972 | 112 | 1 | 65 | 1 | 47 | 1 | 969 | 9 | 611 | 9 | 358 | 9 | 2917 | 27 | 1818 | 27 | 1099 | 28 | 2544 | 24 | 1657 | 24 | 887 | 22 | 4249 | 39 | 2668 | 39 | 1581 | 40 |
| Greece | 2372 | 1532 | 840 | 14 | 1 | 9 | 1 | 5 | 1 | 140 | 6 | 95 | 6 | 45 | 5 | 583 | 25 | 397 | 26 | 186 | 22 | 592 | 25 | 405 | 26 | 187 | 22 | 1043 | 44 | 626 | 41 | 417 | 50 |
| Iceland | 19 | 13 | 6 | 1 | 5 | 1 | 8 | 0 | 0 | 3 | 16 | 1 | 8 | 2 | 33 | 5 | 26 | 4 | 31 | 1 | 17 | 2 | 11 | 2 | 15 | 0 | 0 | 8 | 42 | 5 | 38 | 3 | 50 |
| Montenegro * | 58 | 42 | 16 | | | | | | | 14 | 24 | 10 | 24 | 4 | 25 | 27 | 47 | 19 | 45 | 8 | 50 | 9 | 16 | 7 | 17 | 2 | 13 | 8 | 14 | 6 | 14 | 2 | 13 |
| Norway | 523 | 364 | 159 | 12 | 2 | 7 | 2 | 5 | 3 | 71 | 14 | 55 | 15 | 16 | 10 | 163 | 31 | 112 | 31 | 51 | 32 | 132 | 25 | 92 | 25 | 40 | 25 | 145 | 28 | 98 | 27 | 47 | 30 |
| Romania | 2997 | 1713 | 1284 | 36 | 1 | 20 | 1 | 16 | 1 | 375 | 13 | 226 | 13 | 149 | 12 | 1303 | 43 | 790 | 46 | 513 | 40 | 784 | 26 | 431 | 25 | 353 | 27 | 499 | 17 | 246 | 14 | 253 | 20 |
| Serbia | 985 | 630 | 352 | 9 | 1 | 5 | 1 | 4 | 1 | 126 | 13 | 84 | 13 | 42 | 12 | 416 | 42 | 287 | 46 | 128 | 36 | 278 | 28 | 166 | 26 | 110 | 31 | 156 | 16 | 88 | 14 | 68 | 19 |
| Spain, Andalusia | 1046 | 668 | 378 | 7 | 1 | 6 | 1 | 1 | 0 | 150 | 14 | 90 | 13 | 60 | 16 | 352 | 34 | 238 | 36 | 114 | 30 | 272 | 26 | 167 | 25 | 105 | 28 | 265 | 25 | 167 | 25 | 98 | 26 |
| Spain, Aragon | 163 | 105 | 58 | 1 | 1 | 0 | 0 | 1 | 2 | 15 | 9 | 7 | 7 | 8 | 14 | 60 | 37 | 39 | 37 | 21 | 36 | 39 | 24 | 29 | 28 | 10 | 17 | 48 | 29 | 30 | 29 | 18 | 31 |
| Spain, Asturias | 147 | 100 | 47 | 2 | 1 | 2 | 2 | 0 | 0 | 4 | 3 | 2 | 2 | 2 | 4 | 68 | 46 | 44 | 44 | 24 | 51 | 40 | 27 | 30 | 30 | 10 | 21 | 33 | 22 | 22 | 22 | 11 | 23 |
| Spain, Basque country | 241 | 172 | 69 | 1 | 0 | 1 | 1 | 0 | 0 | 22 | 9 | 17 | 10 | 5 | 7 | 76 | 32 | 51 | 30 | 25 | 36 | 75 | 31 | 50 | 29 | 25 | 36 | 67 | 28 | 53 | 31 | 14 | 20 |
| Spain, Cantabria * | 61 | 41 | 20 | | | | | | | 9 | 15 | 5 | 12 | 4 | 20 | 24 | 39 | 17 | 41 | 7 | 35 | 17 | 28 | 12 | 29 | 5 | 25 | 11 | 18 | 7 | 17 | 4 | 20 |
| Spain, Castile and León * | 299 | 211 | 88 | | | | | | | 29 | 10 | 21 | 10 | 8 | 9 | 76 | 25 | 57 | 27 | 19 | 22 | 77 | 26 | 51 | 24 | 26 | 30 | 117 | 39 | 82 | 39 | 35 | 40 |
| Spain, Castile-La Mancha * | 252 | 148 | 104 | | | | | | | 27 | 11 | 17 | 11 | 10 | 10 | 104 | 41 | 63 | 43 | 41 | 39 | 55 | 22 | 29 | 20 | 26 | 25 | 66 | 26 | 39 | 26 | 27 | 26 |
| Spain, Catalonia | 1178 | 765 | 413 | 16 | 1 | 10 | 1 | 6 | 1 | 126 | 11 | 83 | 11 | 43 | 10 | 306 | 26 | 201 | 26 | 105 | 25 | 319 | 27 | 215 | 28 | 104 | 25 | 411 | 35 | 256 | 33 | 155 | 38 |
| Spain, Extremadura | 124 | 83 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | 8 | 10 | 3 | 7 | 38 | 31 | 25 | 30 | 13 | 32 | 39 | 31 | 28 | 34 | 11 | 27 | 36 | 29 | 22 | 27 | 14 | 34 |
| Spain, Galicia | 398 | 282 | 116 | 1 | 0 | 1 | 0 | 0 | 0 | 43 | 11 | 25 | 9 | 18 | 16 | 121 | 30 | 87 | 31 | 34 | 29 | 117 | 29 | 86 | 30 | 31 | 27 | 116 | 29 | 83 | 29 | 33 | 28 |
| Spain, Community of Madrid | 828 | 579 | 249 | 13 | 2 | 6 | 1 | 7 | 3 | 91 | 11 | 56 | 10 | 35 | 14 | 248 | 30 | 181 | 31 | 67 | 27 | 220 | 27 | 149 | 26 | 71 | 29 | 256 | 31 | 187 | 32 | 69 | 28 |
| Spain, Region of Murcia | 194 | 132 | 62 | 1 | 1 | 1 | 1 | 0 | 0 | 24 | 12 | 17 | 13 | 7 | 11 | 64 | 33 | 37 | 28 | 27 | 44 | 65 | 34 | 50 | 38 | 15 | 24 | 40 | 21 | 27 | 20 | 13 | 21 |
| Spain, Navarre * | 83 | 57 | 26 | | | | | | | 9 | 11 | 6 | 11 | 3 | 12 | 23 | 28 | 10 | 18 | 13 | 50 | 26 | 31 | 21 | 37 | 5 | 19 | 25 | 30 | 20 | 35 | 5 | 19 |
| Spain, Valencian region | 704 | 478 | 226 | 9 | 1 | 5 | 1 | 4 | 2 | 56 | 8 | 37 | 8 | 19 | 8 | 215 | 31 | 147 | 31 | 68 | 30 | 201 | 29 | 139 | 29 | 62 | 27 | 223 | 32 | 150 | 31 | 73 | 32 |
| Sweden | 1168 | 767 | 401 | 28 | 2 | 16 | 2 | 12 | 3 | 164 | 14 | 109 | 14 | 55 | 14 | 337 | 29 | 213 | 28 | 124 | 31 | 347 | 30 | 223 | 29 | 124 | 31 | 292 | 25 | 206 | 27 | 86 | 21 |
| the Netherlands | 1941 | 1196 | 745 | 27 | 1 | 19 | 2 | 8 | 1 | 232 | 12 | 139 | 12 | 93 | 12 | 603 | 31 | 374 | 31 | 229 | 31 | 567 | 29 | 359 | 30 | 208 | 28 | 512 | 26 | 305 | 26 | 207 | 28 |
| United Kingdom, All countries * | 7388 | 4670 | 2718 | | | | | | | 1092 | 15 | 652 | 14 | 440 | 16 | 2634 | 36 | 1673 | 36 | 961 | 35 | 1841 | 25 | 1152 | 25 | 689 | 25 | 1821 | 25 | 1193 | 26 | 628 | 23 |
| United Kingdom, England * | 6311 | 4016 | 2295 | | | | | | | 934 | 15 | 569 | 14 | 365 | 16 | 2257 | 36 | 1447 | 36 | 810 | 35 | 1570 | 25 | 982 | 24 | 588 | 26 | 1550 | 25 | 1018 | 25 | 532 | 23 |
| United Kingdom, Northern Ireland * | 170 | 100 | 70 | | | | | | | 23 | 14 | 11 | 11 | 12 | 17 | 51 | 30 | 32 | 32 | 19 | 27 | 38 | 22 | 26 | 26 | 12 | 17 | 58 | 34 | 31 | 31 | 27 | 39 |
| United Kingdom, Scotland | 557 | 344 | 213 | 14 | 3 | 11 | 3 | 3 | 1 | 96 | 17 | 57 | 17 | 39 | 18 | 211 | 38 | 125 | 36 | 86 | 40 | 136 | 24 | 87 | 25 | 49 | 23 | 100 | 18 | 64 | 19 | 36 | 17 |
| United Kingdom, Wales * | 364 | 221 | 143 | | | | | | | 39 | 11 | 15 | 7 | 24 | 17 | 115 | 32 | 69 | 31 | 46 | 32 | 97 | 27 | 57 | 26 | 40 | 28 | 113 | 31 | 80 | 36 | 33 | 23 |

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

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

Table B.2.2

## Incident rates per million (age-related) population by age and gender, unadjusted

*at day 1*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Austria | 121.8 | 164.1 | 81.3 | 8.9 | 11.5 | 6.1 | 35.8 | 49.6 | 21.9 | 142.2 | 182.9 | 102.0 | 362.3 | 551.4 | 198.7 | 379.6 | 620.1 | 235.5 |
| Belgium, Dutch-speaking * | 177.7 | 219.2 | 137.1 | | | | 36.6 | 48.0 | 24.9 | 152.6 | 203.8 | 100.4 | 442.7 | 500.0 | 389.1 | 850.4 | 1274.8 | 565.6 |
| Belgium, French-speaking * | 172.9 | 239.1 | 109.8 | | | | 42.3 | 52.4 | 32.1 | 189.7 | 262.3 | 118.7 | 595.3 | 910.5 | 324.8 | 755.5 | 1360.7 | 409.4 |
| Bosnia and Herzegovina | 120.0 | 149.5 | 91.7 | 3.4 | 4.6 | 2.3 | 47.9 | 53.8 | 42.0 | 190.8 | 263.8 | 120.9 | 334.5 | 412.9 | 272.4 | 512.7 | 736.0 | 355.0 |
| Denmark | 131.2 | 175.2 | 87.9 | 5.2 | 5.8 | 4.6 | 44.9 | 61.5 | 28.0 | 152.4 | 197.2 | 107.2 | 353.9 | 493.0 | 222.3 | 495.7 | 794.1 | 289.1 |
| Estonia | 87.5 | 110.6 | 67.2 | 3.7 | 7.2 | 0 | 37.4 | 38.7 | 36.1 | 135.4 | 179.5 | 97.0 | 158.8 | 246.1 | 103.7 | 253.9 | 511.1 | 153.1 |
| Finland | 84.4 | 119.1 | 50.8 | 11.6 | 14.6 | 8.5 | 37.8 | 46.1 | 29.1 | 127.5 | 187.4 | 68.2 | 182.2 | 277.2 | 97.2 | 176.5 | 301.4 | 101.9 |
| France | 162.9 | 212.4 | 116.3 | 6.9 | 7.8 | 5.9 | 47.0 | 59.7 | 34.4 | 168.9 | 216.1 | 124.1 | 423.1 | 587.1 | 278.0 | 704.9 | 1167.5 | 422.5 |
| Greece | 217.8 | 289.6 | 150.0 | 6.6 | 8.3 | 4.8 | 38.7 | 52.3 | 25.0 | 201.7 | 285.9 | 123.8 | 542.1 | 794.8 | 321.0 | 897.8 | 1284.9 | 618.2 |
| Iceland | 58.0 | 79.1 | 36.8 | 11.2 | 22.0 | 0 | 26.3 | 17.2 | 35.8 | 62.1 | 99.5 | 24.8 | 82.5 | 166.2 | 0 | 409.6 | 588.9 | 271.7 |
| Montenegro * | 93.3 | 136.7 | 50.9 | | | | 65.2 | 92.3 | 37.6 | 163.5 | 233.5 | 95.5 | 186.7 | 331.1 | 73.9 | 223.9 | 414.7 | 94.1 |
| Norway | 101.8 | 140.9 | 62.3 | 9.5 | 10.9 | 8.2 | 40.5 | 61.1 | 18.8 | 125.0 | 168.2 | 79.9 | 283.2 | 401.7 | 168.8 | 405.6 | 684.6 | 219.3 |
| Romania | 152.1 | 177.9 | 127.4 | 8.7 | 9.4 | 8.0 | 53.8 | 62.9 | 44.1 | 245.6 | 305.1 | 188.9 | 442.9 | 565.2 | 350.4 | 325.6 | 434.2 | 261.9 |
| Serbia | 138.1 | 181.4 | 96.2 | 6.4 | 6.9 | 5.9 | 53.4 | 70.1 | 36.2 | 201.0 | 286.3 | 119.9 | 382.9 | 511.1 | 274.2 | 271.2 | 389.3 | 194.7 |
| Spain, Andalusia | 124.6 | 160.9 | 89.1 | 3.9 | 6.4 | 1.1 | 49.6 | 58.6 | 40.3 | 159.9 | 217.6 | 102.9 | 385.2 | 502.5 | 280.8 | 411.4 | 659.4 | 250.7 |
| Spain, Aragon | 122.7 | 159.2 | 86.7 | 4.0 | 0 | 8.3 | 33.8 | 30.6 | 37.3 | 165.9 | 213.2 | 117.5 | 310.0 | 484.5 | 151.6 | 319.4 | 498.0 | 199.9 |
| Spain, Asturias | 138.8 | 197.2 | 85.2 | 13.0 | 25.4 | 0 | 11.9 | 11.7 | 12.0 | 213.0 | 283.0 | 146.6 | 353.7 | 576.0 | 164.0 | 242.3 | 435.2 | 128.5 |
| Spain, Basque country | 111.3 | 163.5 | 61.9 | 2.5 | 4.9 | 0 | 32.0 | 48.9 | 14.7 | 121.3 | 165.6 | 78.5 | 333.5 | 475.2 | 208.9 | 287.2 | 599.7 | 96.6 |
| Spain, Cantabria * | 104.0 | 142.9 | 66.7 | | | | 46.0 | 50.4 | 41.5 | 141.3 | 201.5 | 81.9 | 306.0 | 459.8 | 169.8 | 176.8 | 296.8 | 103.5 |
| Spain, Castile and León * | 120.2 | 171.4 | 70.1 | | | | 37.4 | 52.7 | 21.2 | 106.4 | 156.4 | 54.3 | 297.4 | 406.2 | 195.0 | 350.1 | 612.2 | 174.8 |
| Spain, Castile-La Mancha * | 121.8 | 142.1 | 101.2 | | | | 36.8 | 44.7 | 28.4 | 195.1 | 229.9 | 158.3 | 327.4 | 361.2 | 296.5 | 317.0 | 451.4 | 221.7 |
| Spain, Catalonia | 156.7 | 206.7 | 108.2 | 10.5 | 12.7 | 8.1 | 46.6 | 60.1 | 32.5 | 156.8 | 208.1 | 106.6 | 487.0 | 702.2 | 298.1 | 602.5 | 974.9 | 369.4 |
| Spain, Extremadura | 112.8 | 152.1 | 74.0 | 0 | 0 | 0 | 29.3 | 41.6 | 16.4 | 127.9 | 164.5 | 89.6 | 398.6 | 606.4 | 212.9 | 305.7 | 472.4 | 196.7 |
| Spain, Galicia | 145.2 | 212.8 | 81.9 | 2.3 | 4.5 | 0 | 48.0 | 55.3 | 40.5 | 159.0 | 232.6 | 87.8 | 384.0 | 604.0 | 191.0 | 334.6 | 621.7 | 154.8 |
| Spain, Community of Madrid | 128.3 | 186.8 | 74.2 | 10.0 | 9.0 | 11.1 | 37.6 | 46.7 | 28.6 | 147.5 | 226.0 | 76.1 | 412.7 | 619.7 | 242.6 | 492.2 | 967.1 | 211.1 |
| Spain, Region of Murcia | 132.3 | 179.4 | 84.8 | 3.0 | 5.8 | 0 | 43.3 | 59.0 | 26.3 | 178.7 | 205.9 | 151.3 | 599.5 | 983.2 | 260.6 | 370.8 | 621.4 | 201.8 |
| Spain, Navarre * | 130.4 | 180.5 | 81.1 | | | | 42.0 | 54.9 | 28.6 | 134.2 | 115.1 | 154.0 | 443.9 | 742.3 | 165.1 | 404.7 | 823.0 | 133.4 |
| Spain, Valencian region | 140.7 | 193.1 | 89.3 | 9.1 | 9.8 | 8.3 | 31.4 | 40.5 | 21.9 | 161.6 | 223.2 | 101.2 | 428.5 | 628.9 | 249.9 | 514.0 | 865.3 | 280.2 |
| Sweden | 120.5 | 158.4 | 82.6 | 12.7 | 14.1 | 11.2 | 51.7 | 67.3 | 35.4 | 138.6 | 173.6 | 102.9 | 325.7 | 425.3 | 229.2 | 353.0 | 603.5 | 177.0 |
| the Netherlands | 115.1 | 143.2 | 87.5 | 7.0 | 9.7 | 4.3 | 43.5 | 51.9 | 35.0 | 127.4 | 157.5 | 97.1 | 333.1 | 429.9 | 239.8 | 406.1 | 605.2 | 273.5 |
| United Kingdom, All countries * | 114.4 | 146.9 | 82.9 | | | | 50.9 | 60.9 | 41.0 | 159.8 | 206.0 | 114.9 | 297.2 | 386.4 | 214.4 | 349.4 | 552.6 | 205.7 |
| United Kingdom, England * | 116.2 | 150.0 | 83.3 | | | | 51.5 | 62.7 | 40.3 | 164.3 | 213.5 | 116.4 | 304.1 | 394.8 | 219.8 | 354.3 | 559.5 | 208.2 |
| United Kingdom, Northern Ireland * | 92.4 | 110.8 | 74.6 | | | | 37.7 | 36.6 | 38.7 | 110.3 | 140.1 | 81.1 | 239.2 | 343.2 | 144.4 | 456.5 | 608.9 | 354.6 |
| United Kingdom, Scotland | 104.2 | 132.5 | 77.4 | 12.0 | 18.5 | 5.3 | 55.1 | 66.5 | 44.0 | 143.3 | 174.3 | 113.9 | 254.1 | 342.8 | 174.1 | 230.8 | 369.7 | 138.4 |
| United Kingdom, Wales * | 117.7 | 145.3 | 91.0 | | | | 40.8 | 31.3 | 50.4 | 141.3 | 173.2 | 110.8 | 286.6 | 346.8 | 229.7 | 409.0 | 694.6 | 204.8 |

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

Table B.2.3

## Gender, mean age, and median age of incident patients

*at day 1*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Austria | 100 | 64.2 | 15.8 | 67.0 | 65.8 | 63.5 | 15.7 | 67.0 | 34.2 | 65.3 | 15.8 | 66.7 |
| Belgium, Dutch-speaking * | 100 | 70.1 | 14.2 | 73.8 | 61.0 | 69.3 | 14.3 | 73.0 | 39.0 | 71.4 | 13.9 | 74.4 |
| Belgium, French-speaking * | 100 | 67.5 | 14.5 | 69.5 | 67.5 | 67.6 | 14.0 | 69.5 | 32.5 | 67.2 | 15.6 | 69.6 |
| Bosnia and Herzegovina | 100 | 60.7 | 14.8 | 62.7 | 61.0 | 60.5 | 14.5 | 61.6 | 39.0 | 61.1 | 15.1 | 64.9 |
| Denmark | 100 | 64.2 | 15.5 | 67.7 | 66.3 | 64.0 | 15.9 | 67.6 | 33.7 | 64.4 | 14.8 | 67.8 |
| Estonia | 100 | 61.1 | 15.9 | 61.3 | 59.1 | 60.3 | 16.4 | 61.2 | 40.9 | 62.2 | 15.3 | 62.3 |
| Finland | 100 | 59.3 | 17.0 | 61.8 | 69.4 | 59.6 | 16.3 | 62.1 | 30.6 | 58.8 | 18.5 | 60.9 |
| France | 100 | 67.6 | 16.2 | 70.2 | 63.2 | 67.6 | 16.1 | 70.4 | 36.8 | 67.5 | 16.6 | 70.1 |
| Greece | 100 | 69.7 | 14.6 | 73.0 | 64.6 | 68.9 | 14.5 | 71.7 | 35.4 | 71.1 | 14.7 | 74.8 |
| Iceland | 100 | 62.0 | 22.4 | 67.2 | 68.4 | 62.4 | 22.5 | 67.2 | 31.6 | 61.0 | 24.2 | 67.3 |
| Montenegro * | 100 | 56.2 | 16.3 | 59.8 | 72.4 | 56.2 | 17.2 | 58.6 | 27.6 | 56.3 | 14.2 | 60.9 |
| Norway | 100 | 62.4 | 17.6 | 66.2 | 69.6 | 62.2 | 17.9 | 66.0 | 30.4 | 63.0 | 16.9 | 67.0 |
| Romania | 100 | 61.1 | 14.5 | 63.0 | 57.2 | 60.3 | 14.4 | 62.0 | 42.8 | 62.0 | 14.7 | 64.2 |
| Serbia | 100 | 61.2 | 14.1 | 63.5 | 64.0 | 60.5 | 13.7 | 62.2 | 35.7 | 62.3 | 14.7 | 65.1 |
| Spain, Andalusia | 100 | 62.6 | 15.7 | 65.4 | 63.9 | 62.4 | 15.8 | 65.0 | 36.1 | 63.0 | 15.6 | 65.7 |
| Spain, Aragon | 100 | 64.1 | 14.9 | 66.0 | 64.4 | 65.2 | 13.3 | 66.2 | 35.6 | 62.2 | 17.3 | 63.9 |
| Spain, Asturias | 100 | 64.5 | 13.3 | 64.7 | 68.0 | 64.7 | 13.8 | 66.5 | 32.0 | 64.2 | 12.2 | 64.1 |
| Spain, Basque country | 100 | 65.5 | 13.8 | 68.4 | 71.4 | 66.1 | 14.4 | 68.5 | 28.6 | 64.2 | 12.1 | 67.4 |
| Spain, Cantabria * | 100 | 61.4 | 13.8 | 64.5 | 67.2 | 61.9 | 14.0 | 63.6 | 32.8 | 60.4 | 13.8 | 64.6 |
| Spain, Castile and León * | 100 | 67.6 | 14.7 | 70.9 | 70.6 | 67.2 | 14.6 | 70.9 | 29.4 | 68.5 | 14.8 | 70.9 |
| Spain, Castile-La Mancha * | 100 | 63.7 | 13.9 | 64.2 | 58.7 | 63.6 | 13.5 | 63.9 | 41.3 | 63.9 | 14.5 | 65.9 |
| Spain, Catalonia | 100 | 66.0 | 16.1 | 69.5 | 64.9 | 65.9 | 15.8 | 69.2 | 35.1 | 66.1 | 16.6 | 70.1 |
| Spain, Extremadura | 100 | 66.0 | 13.9 | 69.9 | 66.9 | 65.3 | 13.9 | 68.3 | 33.1 | 67.3 | 13.9 | 71.1 |
| Spain, Galicia | 100 | 65.0 | 14.4 | 68.1 | 70.9 | 65.5 | 14.0 | 68.2 | 29.1 | 63.6 | 15.3 | 67.2 |
| Spain, Community of Madrid | 100 | 64.3 | 16.2 | 67.7 | 69.9 | 65.1 | 15.5 | 67.7 | 30.1 | 62.5 | 17.4 | 67.9 |
| Spain, Region of Murcia | 100 | 62.9 | 14.5 | 66.4 | 68.0 | 63.5 | 14.6 | 67.5 | 32.0 | 61.6 | 14.3 | 62.7 |
| Spain, Navarre * | 100 | 65.0 | 14.9 | 69.1 | 68.7 | 67.3 | 14.6 | 72.0 | 31.3 | 60.1 | 14.6 | 60.2 |
| Spain, Valencian region | 100 | 65.9 | 15.0 | 69.1 | 67.9 | 66.0 | 14.9 | 68.5 | 32.1 | 65.7 | 15.4 | 69.4 |
| Sweden | 100 | 62.5 | 17.4 | 67.0 | 65.7 | 62.9 | 17.4 | 67.4 | 34.3 | 61.7 | 17.4 | 66.2 |
| the Netherlands | 100 | 63.6 | 16.1 | 67.0 | 61.6 | 63.4 | 16.3 | 67.1 | 38.4 | 64.0 | 15.8 | 66.9 |
| United Kingdom, All countries * | 100 | 62.4 | 15.7 | 64.8 | 63.2 | 62.8 | 15.6 | 65.2 | 36.8 | 61.7 | 15.8 | 64.2 |
| United Kingdom, England * | 100 | 62.3 | 15.7 | 64.8 | 63.6 | 62.6 | 15.7 | 64.9 | 36.4 | 61.8 | 15.8 | 64.5 |
| United Kingdom, Northern Ireland * | 100 | 64.6 | 15.4 | 67.4 | 58.8 | 65.1 | 14.5 | 67.4 | 41.2 | 63.8 | 16.6 | 67.2 |
| United Kingdom, Scotland | 100 | 58.8 | 17.1 | 61.6 | 61.8 | 58.9 | 17.5 | 62.7 | 38.2 | 58.6 | 16.5 | 60.6 |
| United Kingdom, Wales * | 100 | 65.5 | 14.3 | 68.3 | 60.7 | 67.5 | 13.1 | 69.8 | 39.3 | 62.4 | 15.4 | 66.0 |

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

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

Table B.2.4

## Incident rates per million population and percentages by cause of renal failure, unadjusted

*at day 1*

| | 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 | 121.8 | 100 | 14.6 | 12.0 | 5.3 | 4.3 | 4.9 | 4.1 | 3.3 | 2.7 | 27.2 | 22.3 | 30.4 | 25.0 | 13.0 | 10.7 | 15.8 | 12.9 | 23.4 | 19.2 | 14.3 | 11.8 | 0 | 0 |
| Belgium, Dutch-speaking * | 177.7 | 100 | 17.1 | 9.6 | 7.6 | 4.3 | 7.9 | 4.5 | 3.6 | 2.0 | 28.6 | 16.1 | 32.1 | 18.1 | 21.6 | 12.1 | 8.7 | 4.9 | 66.6 | 37.5 | 16.1 | 9.1 | 0 | 0 |
| Belgium, French-speaking * | 172.9 | 100 | 17.5 | 10.1 | 6.1 | 3.5 | 5.4 | 3.1 | 3.1 | 1.8 | 36.1 | 20.9 | 39.3 | 22.7 | 35.3 | 20.4 | 1.9 | 1.1 | 56.0 | 32.4 | 11.5 | 6.6 | 0 | 0 |
| Bosnia and Herzegovina | 120.0 | 100 | 11.4 | 9.5 | 16.8 | 14.0 | 6.0 | 5.0 | 16.0 | 13.3 | 19.7 | 16.4 | 35.6 | 29.7 | 15.7 | 13.1 | 0.9 | 0.7 | 20.0 | 16.6 | 13.7 | 11.4 | 0 | 0 |
| Denmark | 131.2 | 100 | 14.7 | 11.2 | 6.1 | 4.7 | 10.2 | 7.8 | 11.6 | 8.8 | 20.7 | 15.8 | 32.3 | 24.6 | 12.6 | 9.6 | 0.2 | 0.1 | 23.3 | 17.8 | 31.8 | 24.2 | 0 | 0 |
| Estonia | 87.5 | 100 | 7.6 | 8.7 | 11.4 | 13.0 | 0.8 | 0.9 | 15.2 | 17.4 | 0 | 0 | 15.2 | 17.4 | 14.5 | 16.5 | 13.7 | 15.7 | 24.3 | 27.8 | 0 | 0 | 0 | 0 |
| Finland | 84.4 | 100 | 9.9 | 11.7 | 5.5 | 6.5 | 6.8 | 8.0 | 13.0 | 15.4 | 17.2 | 20.4 | 30.2 | 35.8 | 6.0 | 7.2 | 0.4 | 0.4 | 13.2 | 15.6 | 12.5 | 14.8 | 0 | 0 |
| France | 162.9 | 100 | 18.5 | 11.4 | 7.8 | 4.8 | 10.0 | 6.1 | | | | | 35.9 | 22.0 | 41.0 | 25.2 | 1.6 | 1.0 | 24.2 | 14.8 | 23.5 | 14.4 | 0.4 | 0.3 |
| Greece | 217.8 | 100 | 16.2 | 7.4 | 11.2 | 5.1 | 10.3 | 4.7 | 3.1 | 1.4 | 49.7 | 22.8 | 52.8 | 24.2 | 20.0 | 9.2 | 4.0 | 1.9 | 27.2 | 12.5 | 76.1 | 34.9 | 0 | 0 |
| Iceland | 58.0 | 100 | 12.2 | 21.1 | 6.1 | 10.5 | 3.1 | 5.3 | 0 | 0 | 3.1 | 5.3 | 3.1 | 5.3 | 18.3 | 31.6 | 0 | 0 | 12.2 | 21.1 | 3.1 | 5.3 | 0 | 0 |
| Montenegro * | 93.3 | 100 | 11.3 | 12.1 | 3.2 | 3.4 | 6.4 | 6.9 | 1.6 | 1.7 | 30.6 | 32.8 | 32.2 | 34.5 | 20.9 | 22.4 | 0 | 0 | 9.6 | 10.3 | 9.6 | 10.3 | 0 | 0 |
| Norway | 101.8 | 100 | 16.0 | 15.7 | 4.7 | 4.6 | 6.8 | 6.7 | 5.6 | 5.5 | 11.9 | 11.7 | 17.5 | 17.2 | 31.1 | 30.6 | 0.6 | 0.6 | 22.4 | 22.0 | 2.7 | 2.7 | 0 | 0 |
| Romania | 152.1 | 100 | 22.6 | 14.9 | 7.5 | 4.9 | 3.7 | 2.4 | | | | | 22.4 | 14.7 | 8.9 | 5.9 | 1.4 | 0.9 | 28.8 | 19.0 | 56.7 | 37.3 | 0 | 0 |
| Serbia | 138.1 | 100 | 11.6 | 8.4 | 12.9 | 9.3 | 6.6 | 4.8 | 10.9 | 7.9 | 24.1 | 17.5 | 35.1 | 25.4 | 34.6 | 25.1 | 2.8 | 2.0 | 18.8 | 13.6 | 12.9 | 9.3 | 2.8 | 2.0 |
| Spain, Andalusia | 124.6 | 100 | 9.9 | 7.9 | 8.6 | 6.9 | 7.3 | 5.8 | | | | | 32.2 | 25.8 | 11.7 | 9.4 | 0 | 0 | 18.9 | 15.2 | 36.1 | 29.0 | 0 | 0 |
| Spain, Aragon | 122.7 | 100 | 17.3 | 14.1 | 5.3 | 4.3 | 9.8 | 8.0 | 6.0 | 4.9 | 24.1 | 19.6 | 30.1 | 24.5 | 27.1 | 22.1 | 3.8 | 3.1 | 18.8 | 15.3 | 10.5 | 8.6 | 0 | 0 |
| Spain, Asturias | 138.8 | 100 | 22.7 | 16.3 | 5.7 | 4.1 | 12.3 | 8.8 | 5.7 | 4.1 | 25.5 | 18.4 | 31.2 | 22.4 | 18.9 | 13.6 | 3.8 | 2.7 | 22.7 | 16.3 | 21.7 | 15.6 | 0 | 0 |
| Spain, Basque country | 111.3 | 100 | 11.5 | 10.4 | 4.2 | 3.7 | 9.2 | 8.3 | 3.2 | 2.9 | 14.8 | 13.3 | 18.0 | 16.2 | 25.4 | 22.8 | 1.8 | 1.7 | 10.2 | 9.1 | 18.5 | 16.6 | 12.5 | 11.2 |
| Spain, Cantabria * | 104.0 | 100 | 20.5 | 19.7 | 5.1 | 4.9 | 8.5 | 8.2 | 1.7 | 1.6 | 18.8 | 18.0 | 20.5 | 19.7 | 17.0 | 16.4 | 6.8 | 6.6 | 11.9 | 11.5 | 5.1 | 4.9 | 8.5 | 8.2 |
| Spain, Castile and León * ‡ | 120.2 | 100 | 12.1 | 10.0 | 10.1 | 8.4 | 5.6 | 4.7 | 8.4 | 7.0 | 23.3 | 19.4 | 31.8 | 26.4 | 20.9 | 17.4 | 0 | 0 | 18.5 | 15.4 | 21.3 | 17.7 | 0 | 0 |
| Spain, Castile-La Mancha * | 121.8 | 100 | 16.4 | 13.5 | 11.6 | 9.5 | 12.6 | 10.3 | | | | | 30.0 | 24.6 | 10.6 | 8.7 | 5.3 | 4.4 | 12.1 | 9.9 | 23.2 | 19.0 | 0 | 0 |
| Spain, Catalonia | 156.7 | 100 | 18.0 | 11.5 | 8.9 | 5.7 | 9.6 | 6.1 | 3.3 | 2.1 | 31.1 | 19.9 | 34.4 | 22.0 | 13.2 | 8.4 | 6.3 | 4.0 | 16.9 | 10.8 | 49.5 | 31.6 | 0 | 0 |
| Spain, Extremadura | 112.8 | 100 | 14.6 | 12.9 | 8.2 | 7.3 | 7.3 | 6.5 | | | | | 25.5 | 22.6 | 10.0 | 8.9 | 3.6 | 3.2 | 11.8 | 10.5 | 30.9 | 27.4 | 0.9 | 0.8 |
| Spain, Galicia | 145.2 | 100 | 24.4 | 16.8 | 5.1 | 3.5 | 11.3 | 7.8 | 5.8 | 4.0 | 35.8 | 24.6 | 41.6 | 28.6 | 15.0 | 10.3 | 8.4 | 5.8 | 17.9 | 12.3 | 21.5 | 14.8 | 0 | 0 |
| Spain, Community of Madrid | 128.3 | 100 | 17.8 | 13.9 | 5.3 | 4.1 | 9.5 | 7.4 | 2.2 | 1.7 | 29.0 | 22.6 | 31.1 | 24.3 | 16.9 | 13.2 | 3.1 | 2.4 | 21.1 | 16.4 | 23.5 | 18.4 | 0 | 0 |
| Spain, Region of Murcia | 132.3 | 100 | 30.0 | 22.7 | 7.5 | 5.7 | 13.0 | 9.8 | | | | | 31.4 | 23.7 | 12.3 | 9.3 | 7.5 | 5.7 | 10.9 | 8.2 | 19.8 | 14.9 | 0 | 0 |
| Spain, Navarre * | 130.4 | 100 | 9.4 | 7.2 | 1.6 | 1.2 | 15.7 | 12.0 | 6.3 | 4.8 | 15.7 | 12.0 | 22.0 | 16.9 | 25.1 | 19.3 | 0 | 0 | 25.1 | 19.3 | 31.4 | 24.1 | 0 | 0 |
| Spain, Valencian region | 140.7 | 100 | 14.8 | 10.5 | 9.2 | 6.5 | 8.6 | 6.1 | | | | | 31.2 | 22.2 | 20.6 | 14.6 | 7.0 | 5.0 | 15.4 | 10.9 | 34.0 | 24.1 | 0 | 0 |
| Sweden ‡ | 120.5 | 100 | 17.0 | 14.1 | 2.9 | 2.4 | 8.6 | 7.1 | 8.6 | 7.1 | 19.6 | 16.3 | 28.2 | 23.4 | 19.8 | 16.4 | 0.8 | 0.7 | 28.9 | 24.0 | 14.2 | 11.8 | 0.1 | 0.1 |
| the Netherlands | 115.1 | 100 | 9.2 | 8.0 | 4.0 | 3.5 | 5.6 | 4.9 | 3.4 | 3.0 | 17.8 | 15.5 | 21.2 | 18.4 | 15.4 | 13.4 | 11.9 | 10.4 | 19.0 | 16.5 | 10.4 | 9.0 | 18.2 | 15.8 |
| United Kingdom, All countries * | 114.4 | 100 | 13.4 | 11.7 | 6.2 | 5.4 | 6.5 | 5.7 | | | | | 26.9 | 23.5 | 6.5 | 5.7 | 3.2 | 2.8 | 21.6 | 18.9 | 17.3 | 15.1 | 12.7 | 11.1 |
| United Kingdom, England * | 116.2 | 100 | 13.1 | 11.2 | 6.1 | 5.3 | 6.1 | 5.2 | | | | | 26.5 | 22.8 | 7.0 | 6.0 | 3.3 | 2.9 | 21.1 | 18.2 | 18.0 | 15.5 | 14.9 | 12.8 |
| United Kingdom, Northern Ireland * | 92.4 | 100 | 7.6 | 8.2 | 6.0 | 6.5 | 8.1 | 8.8 | | | | | 21.2 | 22.9 | 6.5 | 7.1 | 1.1 | 1.2 | 21.7 | 23.5 | 18.5 | 20.0 | 1.6 | 1.8 |
| United Kingdom, Scotland | 104.2 | 100 | 15.9 | 15.3 | 7.1 | 6.8 | 9.5 | 9.2 | | | | | 30.7 | 29.4 | 3.9 | 3.8 | 1.3 | 1.3 | 26.4 | 25.3 | 9.3 | 9.0 | 0 | 0 |
| United Kingdom, Wales * | 117.7 | 100 | 19.4 | 16.5 | 8.7 | 7.4 | 7.4 | 6.3 | | | | | 30.4 | 25.8 | 1.9 | 1.6 | 4.9 | 4.1 | 23.9 | 20.3 | 17.8 | 15.1 | 3.2 | 2.7 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*

Table B.2.5

## Incident rates per million population by cause of renal failure, adjusted

*at day 1, adjusted for age and gender*

| | 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 | 117.7 | 13.9 | 5.3 | 4.7 | 3.3 | 26.1 | 29.4 | 12.5 | 15.0 | 23.1 | 13.8 | 0 |
| Belgium, Dutch-speaking * | 161.9 | 16.0 | 6.8 | 7.7 | 3.5 | 26.5 | 30.0 | 19.1 | 7.6 | 59.7 | 15.2 | 0 |
| Belgium, French-speaking * | 184.2 | 18.4 | 6.5 | 5.6 | 3.3 | 39.0 | 42.3 | 37.4 | 1.9 | 59.7 | 12.3 | 0 |
| Bosnia and Herzegovina | 139.1 | 13.1 | 21.4 | 6.0 | 17.0 | 22.6 | 39.6 | 17.8 | 2.0 | 23.7 | 15.4 | 0 |
| Denmark | 129.2 | 14.6 | 6.1 | 10.2 | 11.4 | 19.6 | 31.0 | 12.6 | 0.2 | 23.3 | 31.3 | 0 |
| Estonia | 88.8 | 7.6 | 11.4 | 0.9 | 15.6 | 0 | 15.6 | 14.4 | 14.0 | 24.9 | 0 | 0 |
| Finland | 81.3 | 10.0 | 5.3 | 6.5 | 13.0 | 15.8 | 28.8 | 5.8 | 0.3 | 12.7 | 11.9 | 0 |
| France | 158.9 | 18.7 | 7.7 | 10.1 | | | 35.4 | 38.6 | 1.6 | 24.0 | 22.4 | 0.4 |
| Greece | 189.0 | 15.1 | 9.6 | 9.8 | 3.1 | 42.9 | 46.0 | 17.4 | 3.4 | 23.7 | 63.9 | 0 |
| Iceland | 66.9 | 12.4 | 8.2 | 3.0 | 0 | 4.7 | 4.7 | 23.3 | 0 | 12.7 | 2.6 | 0 |
| Montenegro * | 98.7 | 12.0 | 3.5 | 6.9 | 1.5 | 31.6 | 33.1 | 23.0 | 0 | 10.0 | 10.2 | 0 |
| Norway | 108.7 | 16.3 | 4.8 | 7.4 | 5.8 | 12.8 | 18.7 | 34.1 | 0.6 | 23.8 | 2.9 | 0 |
| Romania | 150.7 | 22.4 | 7.4 | 3.6 | | | 21.8 | 8.8 | 1.4 | 28.7 | 56.4 | 0 |
| Serbia | 126.7 | 11.4 | 11.9 | 6.2 | 10.5 | 21.2 | 31.7 | 31.2 | 2.6 | 17.2 | 12.0 | 2.6 |
| Spain, Andalusia | 129.9 | 10.0 | 8.8 | 7.3 | | | 33.9 | 12.3 | 0 | 19.7 | 38.0 | 0 |
| Spain, Aragon | 112.9 | 16.8 | 4.7 | 9.4 | 5.9 | 21.6 | 27.5 | 23.3 | 2.9 | 18.6 | 9.5 | 0 |
| Spain, Asturias | 116.6 | 19.3 | 5.7 | 10.1 | 4.8 | 21.6 | 26.5 | 14.8 | 3.0 | 18.5 | 18.5 | 0 |
| Spain, Basque country | 96.6 | 10.3 | 3.6 | 8.1 | 3.1 | 13.2 | 16.2 | 21.7 | 1.5 | 8.9 | 15.7 | 10.7 |
| Spain, Cantabria * | 95.1 | 18.8 | 4.4 | 7.6 | 1.7 | 17.1 | 18.8 | 16.5 | 6.8 | 10.1 | 4.3 | 7.9 |
| Spain, Castile and León * ‡ | 96.3 | 9.4 | 7.2 | 4.9 | 7.8 | 18.6 | 26.4 | 15.4 | 0 | 15.4 | 17.7 | 0 |
| Spain, Castile-La Mancha * | 124.4 | 17.0 | 11.4 | 12.5 | | | 32.5 | 10.4 | 5.5 | 12.4 | 22.7 | 0 |
| Spain, Catalonia | 154.7 | 18.0 | 8.7 | 9.5 | 3.1 | 31.4 | 34.5 | 12.7 | 5.9 | 16.8 | 48.5 | 0 |
| Spain, Extremadura | 106.4 | 14.0 | 7.6 | 7.2 | | | 23.9 | 9.6 | 3.1 | 11.2 | 28.7 | 1.0 |
| Spain, Galicia | 121.4 | 21.7 | 4.4 | 10.4 | 5.5 | 29.1 | 34.5 | 11.6 | 6.4 | 16.0 | 16.3 | 0 |
| Spain, Community of Madrid | 136.3 | 18.4 | 5.6 | 9.6 | 2.1 | 31.7 | 33.8 | 18.0 | 3.2 | 22.6 | 25.1 | 0 |
| Spain, Region of Murcia | 148.6 | 33.0 | 8.1 | 14.0 | | | 35.9 | 14.3 | 8.7 | 12.8 | 21.8 | 0 |
| Spain, Navarre * | 126.0 | 9.7 | 1.4 | 14.8 | 6.0 | 15.2 | 21.2 | 23.6 | 0 | 24.5 | 30.7 | 0 |
| Spain, Valencian region | 136.7 | 14.4 | 9.0 | 8.3 | | | 30.7 | 19.8 | 6.8 | 15.2 | 32.4 | 0 |
| Sweden ‡ | 115.7 | 16.8 | 2.7 | 8.5 | 8.9 | 18.2 | 27.1 | 18.3 | 0.8 | 27.7 | 13.8 | 0.1 |
| the Netherlands | 113.8 | 9.1 | 3.9 | 5.5 | 3.4 | 17.2 | 20.6 | 15.6 | 12.0 | 18.8 | 10.5 | 17.7 |
| United Kingdom, All countries * | 116.0 | 13.6 | 6.3 | 6.6 | | | 27.5 | 6.5 | 3.1 | 22.0 | 17.4 | 12.9 |
| United Kingdom, England * | 118.4 | 13.4 | 6.2 | 6.3 | | | 27.3 | 7.1 | 3.3 | 21.6 | 18.2 | 15.1 |
| United Kingdom, Northern Ireland * | 101.8 | 8.2 | 6.5 | 8.7 | | | 23.3 | 7.4 | 1.4 | 24.0 | 20.5 | 1.8 |
| United Kingdom, Scotland | 102.4 | 15.7 | 7.0 | 9.3 | | | 30.1 | 3.8 | 1.3 | 25.8 | 9.3 | 0 |
| United Kingdom, Wales * | 111.0 | 18.7 | 8.6 | 7.1 | | | 29.0 | 1.6 | 4.4 | 22.3 | 16.1 | 3.3 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*

Table B.3.1

## Incident counts and percentages by age and gender

*at day 91*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Austria | 961 | 635 | 326 | 15 | 2 | 10 | 2 | 5 | 2 | 102 | 11 | 71 | 11 | 31 | 10 | 316 | 33 | 205 | 32 | 111 | 34 | 283 | 29 | 195 | 31 | 88 | 27 | 245 | 25 | 154 | 24 | 91 | 28 |
| Belgium, Dutch-speaking * | 1043 | 638 | 405 | | | | | | | 68 | 7 | 46 | 7 | 22 | 5 | 247 | 24 | 163 | 26 | 84 | 21 | 248 | 24 | 139 | 22 | 109 | 27 | 480 | 46 | 290 | 45 | 190 | 47 |
| Belgium, French-speaking * | 750 | 506 | 244 | | | | | | | 63 | 8 | 40 | 8 | 23 | 9 | 219 | 29 | 151 | 30 | 68 | 28 | 204 | 27 | 146 | 29 | 58 | 24 | 264 | 35 | 169 | 33 | 95 | 39 |
| Bosnia and Herzegovina | 396 | 244 | 152 | 2 | 1 | 1 | 0 | 1 | 1 | 55 | 14 | 32 | 13 | 23 | 15 | 159 | 40 | 108 | 44 | 51 | 34 | 110 | 28 | 63 | 26 | 47 | 31 | 70 | 18 | 40 | 16 | 30 | 20 |
| Denmark | 701 | 467 | 234 | 7 | 1 | 4 | 1 | 3 | 1 | 81 | 12 | 57 | 12 | 24 | 10 | 223 | 32 | 144 | 31 | 79 | 34 | 197 | 28 | 136 | 29 | 61 | 26 | 193 | 28 | 126 | 27 | 67 | 29 |
| Estonia † | 114 | 68 | 46 | 1 | 1 | 1 | 1 | 0 | 0 | 17 | 15 | 9 | 13 | 8 | 18 | 47 | 41 | 29 | 43 | 18 | 39 | 19 | 16 | 12 | 18 | 7 | 15 | 30 | 26 | 17 | 25 | 13 | 28 |
| Finland | 447 | 311 | 136 | 13 | 3 | 9 | 3 | 4 | 3 | 63 | 14 | 40 | 13 | 23 | 17 | 183 | 41 | 132 | 42 | 51 | 38 | 105 | 23 | 75 | 24 | 30 | 22 | 83 | 19 | 55 | 18 | 28 | 21 |
| France † | 9974 | 6306 | 3668 | 108 | 1 | 62 | 1 | 46 | 1 | 922 | 9 | 584 | 9 | 338 | 9 | 2756 | 28 | 1708 | 27 | 1048 | 29 | 2362 | 24 | 1534 | 24 | 828 | 23 | 3826 | 38 | 2418 | 38 | 1408 | 38 |
| Greece | 2127 | 1391 | 736 | 12 | 1 | 8 | 1 | 4 | 1 | 135 | 6 | 91 | 7 | 44 | 6 | 548 | 26 | 375 | 27 | 173 | 24 | 545 | 26 | 375 | 27 | 170 | 23 | 887 | 42 | 542 | 39 | 345 | 47 |
| Iceland | 18 | 13 | 5 | 1 | 6 | 1 | 8 | 0 | 0 | 3 | 17 | 1 | 8 | 2 | 40 | 5 | 28 | 4 | 31 | 1 | 20 | 2 | 11 | 2 | 15 | 0 | 0 | 7 | 39 | 5 | 38 | 2 | 40 |
| Montenegro * † | 54 | 38 | 16 | | | | | | | 14 | 26 | 10 | 26 | 4 | 25 | 26 | 48 | 18 | 47 | 8 | 50 | 9 | 17 | 7 | 18 | 2 | 13 | 5 | 9 | 3 | 8 | 2 | 13 |
| Norway | 494 | 343 | 151 | 11 | 2 | 7 | 2 | 4 | 3 | 69 | 14 | 52 | 15 | 17 | 11 | 159 | 32 | 110 | 32 | 49 | 32 | 121 | 24 | 86 | 25 | 35 | 23 | 134 | 27 | 88 | 26 | 46 | 30 |
| Romania | 2698 | 1574 | 1124 | 29 | 1 | 18 | 1 | 11 | 1 | 351 | 13 | 215 | 14 | 136 | 12 | 1186 | 44 | 734 | 47 | 452 | 40 | 700 | 26 | 385 | 24 | 315 | 28 | 432 | 16 | 222 | 14 | 210 | 19 |
| Serbia | 852 | 549 | 300 | 8 | 1 | 4 | 1 | 4 | 1 | 122 | 14 | 82 | 15 | 40 | 13 | 364 | 43 | 247 | 45 | 116 | 39 | 238 | 28 | 146 | 27 | 90 | 30 | 120 | 14 | 70 | 13 | 50 | 17 |
| Spain, Andalusia | 1027 | 659 | 368 | 6 | 1 | 5 | 1 | 1 | 0 | 158 | 15 | 95 | 14 | 63 | 17 | 345 | 34 | 236 | 36 | 109 | 30 | 267 | 26 | 162 | 25 | 105 | 29 | 251 | 24 | 161 | 24 | 90 | 24 |
| Spain, Aragon † | 152 | 97 | 55 | 1 | 1 | 0 | 0 | 1 | 2 | 15 | 10 | 7 | 7 | 8 | 14 | 53 | 35 | 32 | 33 | 21 | 38 | 38 | 25 | 30 | 31 | 9 | 16 | 45 | 30 | 29 | 30 | 17 | 30 |
| Spain, Asturias † | 132 | 89 | 43 | 2 | 2 | 2 | 2 | 0 | 0 | 4 | 3 | 2 | 2 | 2 | 5 | 63 | 47 | 41 | 46 | 21 | 50 | 34 | 25 | 25 | 28 | 9 | 20 | 30 | 23 | 19 | 21 | 11 | 26 |
| Spain, Basque country | 229 | 161 | 68 | 1 | 0 | 1 | 1 | 0 | 0 | 21 | 9 | 16 | 10 | 5 | 7 | 72 | 31 | 47 | 29 | 25 | 37 | 73 | 32 | 49 | 30 | 24 | 35 | 62 | 27 | 48 | 30 | 14 | 21 |
| Spain, Cantabria * | 57 | 39 | 18 | | | | | | | 8 | 14 | 5 | 13 | 3 | 17 | 22 | 39 | 15 | 38 | 7 | 39 | 17 | 30 | 13 | 33 | 4 | 22 | 10 | 18 | 6 | 15 | 4 | 22 |
| Spain, Castile and León * † | 283 | 199 | 84 | | | | | | | 29 | 10 | 21 | 11 | 8 | 10 | 72 | 26 | 53 | 27 | 19 | 23 | 74 | 26 | 51 | 25 | 24 | 28 | 107 | 38 | 74 | 37 | 33 | 40 |
| Spain, Castile-La Mancha * | 250 | 147 | 103 | | | | | | | 27 | 11 | 17 | 12 | 10 | 10 | 104 | 42 | 62 | 42 | 42 | 41 | 54 | 22 | 30 | 20 | 24 | 23 | 65 | 26 | 38 | 26 | 27 | 26 |
| Spain, Catalonia † | 1123 | 721 | 402 | 15 | 1 | 9 | 1 | 6 | 1 | 124 | 11 | 81 | 11 | 43 | 11 | 295 | 26 | 190 | 26 | 105 | 26 | 307 | 27 | 204 | 28 | 103 | 26 | 383 | 34 | 238 | 33 | 145 | 36 |
| Spain, Extremadura † | 125 | 84 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | 8 | 9 | 3 | 7 | 37 | 30 | 25 | 30 | 12 | 29 | 38 | 31 | 27 | 32 | 11 | 27 | 39 | 31 | 24 | 28 | 15 | 37 |
| Spain, Galicia | 384 | 272 | 112 | 1 | 0 | 1 | 0 | 0 | 0 | 40 | 10 | 24 | 9 | 16 | 14 | 121 | 32 | 86 | 32 | 35 | 31 | 108 | 28 | 81 | 30 | 27 | 24 | 114 | 30 | 80 | 29 | 34 | 30 |
| Spain, Community of Madrid | 774 | 539 | 235 | 13 | 2 | 6 | 1 | 7 | 3 | 86 | 11 | 54 | 10 | 32 | 14 | 235 | 30 | 170 | 32 | 65 | 28 | 204 | 26 | 136 | 25 | 68 | 29 | 236 | 30 | 173 | 32 | 63 | 27 |
| Spain, Region of Murcia | 188 | 128 | 60 | 1 | 1 | 1 | 1 | 0 | 0 | 23 | 12 | 16 | 13 | 7 | 12 | 61 | 32 | 36 | 28 | 25 | 42 | 61 | 32 | 48 | 38 | 13 | 22 | 42 | 22 | 27 | 21 | 15 | 25 |
| Spain, Navarre * † | 83 | 57 | 26 | | | | | | | 9 | 11 | 6 | 11 | 3 | 12 | 23 | 28 | 10 | 18 | 13 | 50 | 26 | 31 | 21 | 37 | 5 | 19 | 25 | 30 | 20 | 35 | 5 | 19 |
| Spain, Valencian region | 685 | 466 | 219 | 9 | 1 | 5 | 1 | 4 | 2 | 56 | 8 | 37 | 8 | 19 | 9 | 209 | 31 | 147 | 32 | 62 | 28 | 194 | 28 | 133 | 29 | 61 | 28 | 217 | 32 | 144 | 31 | 73 | 33 |
| Sweden | 1049 | 685 | 364 | 27 | 3 | 15 | 2 | 12 | 3 | 155 | 15 | 102 | 15 | 53 | 15 | 314 | 30 | 200 | 29 | 114 | 31 | 299 | 29 | 189 | 28 | 110 | 30 | 254 | 24 | 179 | 26 | 75 | 21 |
| the Netherlands | 1826 | 1127 | 699 | 28 | 2 | 19 | 2 | 9 | 1 | 215 | 12 | 131 | 12 | 84 | 12 | 575 | 31 | 359 | 32 | 216 | 31 | 524 | 29 | 327 | 29 | 197 | 28 | 484 | 27 | 291 | 26 | 193 | 28 |
| United Kingdom, All countries * † | 6985 | 4414 | 2571 | | | | | | | 1052 | 15 | 621 | 14 | 431 | 17 | 2520 | 36 | 1614 | 37 | 906 | 35 | 1729 | 25 | 1070 | 24 | 659 | 26 | 1684 | 24 | 1109 | 25 | 575 | 22 |
| United Kingdom, England * † | 5950 | 3783 | 2167 | | | | | | | 895 | 15 | 539 | 14 | 356 | 16 | 2161 | 36 | 1397 | 37 | 764 | 35 | 1472 | 25 | 910 | 24 | 562 | 26 | 1421 | 24 | 937 | 25 | 484 | 22 |
| United Kingdom, Northern Ireland * † | 163 | 99 | 65 | | | | | | | 23 | 14 | 11 | 11 | 12 | 19 | 47 | 29 | 31 | 31 | 16 | 25 | 38 | 23 | 26 | 26 | 12 | 19 | 55 | 34 | 31 | 31 | 24 | 38 |
| United Kingdom, Scotland | 529 | 327 | 202 | 13 | 2 | 10 | 3 | 3 | 1 | 95 | 18 | 56 | 17 | 39 | 19 | 201 | 38 | 118 | 36 | 83 | 41 | 128 | 24 | 83 | 25 | 45 | 22 | 92 | 17 | 60 | 18 | 32 | 16 |
| United Kingdom, Wales * † | 352 | 216 | 136 | | | | | | | 40 | 11 | 16 | 8 | 24 | 18 | 111 | 32 | 67 | 31 | 44 | 32 | 89 | 25 | 52 | 24 | 37 | 27 | 112 | 32 | 80 | 37 | 32 | 23 |

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

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

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

Table B.3.2

## Incident rates per million (age-related) population by age and gender, unadjusted

*at day 91*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Austria | 113.0 | 152.8 | 74.9 | 8.9 | 11.5 | 6.1 | 35.8 | 49.6 | 21.9 | 131.0 | 171.2 | 91.3 | 327.6 | 486.5 | 190.1 | 353.6 | 593.1 | 210.1 |
| Belgium, Dutch-speaking * | 161.9 | 200.4 | 124.3 | | | | 33.6 | 45.1 | 22.0 | 138.0 | 180.5 | 94.8 | 402.1 | 466.5 | 342.0 | 777.5 | 1169.9 | 514.2 |
| Belgium, French-speaking * | 156.7 | 216.4 | 99.6 | | | | 38.6 | 48.7 | 28.4 | 177.6 | 247.5 | 109.1 | 516.7 | 800.8 | 273.0 | 687.7 | 1210.3 | 389.0 |
| Bosnia and Herzegovina | 112.9 | 141.9 | 85.0 | 2.3 | 2.3 | 2.3 | 44.0 | 50.7 | 37.1 | 178.5 | 247.7 | 112.1 | 309.2 | 400.2 | 237.0 | 520.1 | 718.0 | 380.3 |
| Denmark | 123.0 | 164.9 | 81.6 | 5.2 | 5.8 | 4.6 | 44.9 | 62.6 | 26.9 | 147.1 | 189.3 | 104.6 | 316.9 | 450.0 | 191.0 | 457.8 | 730.3 | 269.0 |
| Estonia † | 86.5 | 110.6 | 65.2 | 3.7 | 7.2 | 0 | 37.4 | 38.7 | 36.1 | 135.4 | 179.5 | 97.0 | 148.2 | 246.1 | 86.4 | 253.9 | 511.1 | 153.1 |
| Finland | 81.8 | 115.8 | 49.0 | 10.8 | 14.6 | 6.8 | 37.2 | 46.1 | 27.9 | 122.8 | 178.0 | 68.2 | 173.9 | 263.1 | 94.1 | 176.5 | 312.8 | 95.1 |
| France † | 150.5 | 196.4 | 107.4 | 6.6 | 7.4 | 5.8 | 44.7 | 57.1 | 32.5 | 159.6 | 203.1 | 118.3 | 392.8 | 543.5 | 259.5 | 634.7 | 1058.0 | 376.2 |
| Greece | 195.3 | 262.9 | 131.4 | 5.6 | 7.3 | 3.8 | 37.3 | 50.1 | 24.4 | 189.6 | 270.1 | 115.2 | 499.1 | 735.9 | 291.9 | 763.5 | 1112.5 | 511.5 |
| Iceland | 55.0 | 79.1 | 30.6 | 11.2 | 22.0 | 0 | 26.3 | 17.2 | 35.8 | 62.1 | 99.5 | 24.8 | 82.5 | 166.2 | 0 | 358.4 | 588.9 | 181.1 |
| Montenegro * † | 86.8 | 123.6 | 50.9 | | | | 65.2 | 92.3 | 37.6 | 155.4 | 217.1 | 95.5 | 186.7 | 331.1 | 73.9 | 149.3 | 230.4 | 94.1 |
| Norway | 96.2 | 132.8 | 59.1 | 8.7 | 10.9 | 6.5 | 39.4 | 57.8 | 20.0 | 121.9 | 165.2 | 76.8 | 259.6 | 375.5 | 147.7 | 374.8 | 614.7 | 214.6 |
| Romania | 136.9 | 163.5 | 111.5 | 7.0 | 8.5 | 5.5 | 50.3 | 59.9 | 40.2 | 223.6 | 283.4 | 166.4 | 395.5 | 504.8 | 312.7 | 281.9 | 391.9 | 217.3 |
| Serbia | 119.5 | 158.1 | 82.0 | 5.7 | 5.6 | 5.9 | 51.7 | 68.4 | 34.4 | 175.9 | 246.4 | 108.7 | 327.8 | 449.5 | 224.3 | 208.6 | 309.7 | 143.2 |
| Spain, Andalusia | 122.3 | 158.7 | 86.7 | 3.3 | 5.3 | 1.1 | 52.2 | 61.8 | 42.3 | 156.7 | 215.7 | 98.4 | 378.1 | 487.5 | 280.8 | 389.7 | 635.7 | 230.2 |
| Spain, Aragon † | 114.6 | 147.1 | 82.7 | 4.0 | 0 | 8.3 | 33.8 | 30.6 | 37.3 | 145.6 | 173.1 | 117.5 | 304.7 | 495.6 | 131.4 | 301.7 | 475.9 | 185.1 |
| Spain, Asturias † | 125.0 | 176.1 | 77.9 | 13.0 | 25.4 | 0 | 11.9 | 11.7 | 12.0 | 196.3 | 265.8 | 130.3 | 297.7 | 480.0 | 142.1 | 220.3 | 375.9 | 128.5 |
| Spain, Basque country | 105.7 | 153.0 | 61.0 | 2.5 | 4.9 | 0 | 30.5 | 46.0 | 14.7 | 114.9 | 152.6 | 78.5 | 324.6 | 465.7 | 200.6 | 265.8 | 543.1 | 96.6 |
| Spain, Cantabria * | 97.2 | 136.0 | 60.1 | | | | 40.9 | 50.4 | 31.1 | 129.5 | 177.8 | 81.9 | 306.0 | 498.1 | 135.8 | 160.7 | 254.4 | 103.5 |
| Spain, Castile and León * † | 113.8 | 161.7 | 66.9 | | | | 37.4 | 52.7 | 21.2 | 101.3 | 146.3 | 54.3 | 287.1 | 403.5 | 177.5 | 321.2 | 552.5 | 166.4 |
| Spain, Castile-La Mancha * | 120.8 | 141.2 | 100.2 | | | | 36.8 | 44.7 | 28.4 | 195.1 | 226.3 | 162.1 | 321.4 | 373.6 | 273.7 | 312.2 | 439.9 | 221.7 |
| Spain, Catalonia † | 149.4 | 194.8 | 105.4 | 9.6 | 11.0 | 8.1 | 45.7 | 58.4 | 32.5 | 151.0 | 196.3 | 106.6 | 469.1 | 667.4 | 295.2 | 561.4 | 905.0 | 346.4 |
| Spain, Extremadura † | 114.0 | 154.6 | 74.0 | 0 | 0 | 0 | 29.3 | 41.6 | 16.4 | 124.5 | 164.5 | 82.7 | 391.8 | 592.0 | 212.9 | 331.2 | 515.3 | 210.8 |
| Spain, Galicia | 140.1 | 205.3 | 79.1 | 2.3 | 4.5 | 0 | 44.6 | 53.1 | 36.0 | 159.0 | 229.9 | 90.4 | 354.4 | 568.8 | 166.3 | 328.9 | 599.2 | 159.5 |
| Spain, Community of Madrid | 119.9 | 173.9 | 70.0 | 10.0 | 9.0 | 11.1 | 35.5 | 45.0 | 26.2 | 139.8 | 212.3 | 73.9 | 382.7 | 565.6 | 232.4 | 453.7 | 894.7 | 192.8 |
| Spain, Region of Murcia | 128.2 | 173.9 | 82.1 | 3.0 | 5.8 | 0 | 41.5 | 55.6 | 26.3 | 170.3 | 200.3 | 140.0 | 562.6 | 943.9 | 225.8 | 389.4 | 621.4 | 232.8 |
| Spain, Navarre * † | 130.4 | 180.5 | 81.1 | | | | 42.0 | 54.9 | 28.6 | 134.2 | 115.1 | 154.0 | 443.9 | 742.3 | 165.1 | 404.7 | 823.0 | 133.4 |
| Spain, Valencian region | 136.9 | 188.3 | 86.6 | 9.1 | 9.8 | 8.3 | 31.4 | 40.5 | 21.9 | 157.1 | 223.2 | 92.3 | 413.6 | 601.8 | 245.9 | 500.1 | 830.7 | 280.2 |
| Sweden | 108.2 | 141.4 | 75.0 | 12.3 | 13.3 | 11.2 | 48.9 | 63.0 | 34.1 | 129.1 | 163.0 | 94.6 | 280.7 | 360.5 | 203.3 | 307.0 | 524.4 | 154.3 |
| the Netherlands | 108.3 | 134.9 | 82.1 | 7.3 | 9.7 | 4.8 | 40.3 | 48.9 | 31.6 | 121.5 | 151.2 | 91.6 | 307.8 | 391.6 | 227.1 | 383.8 | 577.4 | 255.0 |
| United Kingdom, All countries * † | 108.1 | 138.8 | 78.4 | | | | 49.1 | 58.0 | 40.2 | 152.9 | 198.7 | 108.4 | 279.1 | 359.0 | 204.9 | 323.1 | 513.6 | 188.4 |
| United Kingdom, England * † | 109.5 | 141.3 | 78.7 | | | | 49.4 | 59.4 | 39.3 | 157.3 | 206.1 | 109.8 | 285.2 | 365.9 | 210.2 | 324.9 | 515.0 | 189.5 |
| United Kingdom, Northern Ireland * † | 88.7 | 109.3 | 69.0 | | | | 37.7 | 36.6 | 38.7 | 101.6 | 134.3 | 69.8 | 239.2 | 343.2 | 144.4 | 435.6 | 608.9 | 319.6 |
| United Kingdom, Scotland | 98.9 | 125.9 | 73.4 | 11.2 | 16.8 | 5.3 | 54.5 | 65.3 | 44.0 | 136.5 | 164.5 | 109.9 | 239.2 | 327.1 | 159.9 | 212.4 | 346.6 | 123.0 |
| United Kingdom, Wales * † | 113.8 | 141.8 | 86.8 | | | | 42.2 | 34.0 | 50.4 | 136.4 | 169.0 | 105.2 | 263.0 | 316.4 | 212.5 | 404.2 | 694.6 | 196.5 |

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

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

Table B.3.3

## Gender, mean age, and median age of incident patients

*at day 91*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Austria | 100 | 63.8 | 16.0 | 66.6 | 66.1 | 63.3 | 15.9 | 66.8 | 33.9 | 64.8 | 16.1 | 66.3 |
| Belgium, Dutch-speaking * | 100 | 70.1 | 14.2 | 73.5 | 61.2 | 69.3 | 14.3 | 73.0 | 38.8 | 71.4 | 14.0 | 74.3 |
| Belgium, French-speaking * | 100 | 67.4 | 14.6 | 69.3 | 67.5 | 67.4 | 14.1 | 68.8 | 32.5 | 67.3 | 15.6 | 69.7 |
| Bosnia and Herzegovina | 100 | 61.1 | 14.5 | 63.1 | 61.6 | 60.9 | 14.2 | 62.1 | 38.4 | 61.4 | 15.1 | 65.2 |
| Denmark | 100 | 63.7 | 15.7 | 67.4 | 66.6 | 63.6 | 16.0 | 67.5 | 33.4 | 64.0 | 14.9 | 67.0 |
| Estonia † | 100 | 62.0 | 15.5 | 62.6 | 59.8 | 60.5 | 15.6 | 62.5 | 40.2 | 63.9 | 15.4 | 64.2 |
| Finland | 100 | 59.5 | 16.9 | 61.7 | 69.6 | 59.7 | 16.5 | 62.1 | 30.4 | 59.0 | 18.0 | 59.6 |
| France † | 100 | 67.1 | 16.4 | 69.6 | 63.2 | 67.1 | 16.3 | 69.6 | 36.8 | 67.1 | 16.7 | 69.5 |
| Greece | 100 | 69.1 | 14.8 | 71.9 | 65.4 | 68.4 | 14.7 | 71.0 | 34.6 | 70.3 | 15.0 | 74.1 |
| Iceland | 100 | 61.0 | 22.3 | 63.6 | 72.2 | 62.7 | 22.5 | 67.4 | 27.8 | 56.5 | 23.7 | 56.4 |
| Montenegro * † | 100 | 55.8 | 15.0 | 58.8 | 70.4 | 56.6 | 15.8 | 58.8 | 29.6 | 53.7 | 13.5 | 55.9 |
| Norway | 100 | 62.1 | 17.6 | 65.9 | 69.4 | 61.8 | 17.9 | 65.7 | 30.6 | 62.8 | 17.0 | 66.7 |
| Romania | 100 | 60.7 | 14.5 | 62.8 | 58.3 | 60.0 | 14.4 | 61.8 | 41.7 | 61.7 | 14.6 | 64.0 |
| Serbia | 100 | 60.2 | 14.2 | 62.3 | 64.4 | 59.9 | 13.9 | 61.6 | 35.2 | 60.9 | 14.9 | 64.4 |
| Spain, Andalusia | 100 | 62.3 | 15.9 | 65.3 | 64.2 | 62.1 | 16.0 | 64.6 | 35.8 | 62.6 | 15.9 | 65.7 |
| Spain, Aragon † | 100 | 64.8 | 14.6 | 66.1 | 63.7 | 67.0 | 11.9 | 67.3 | 36.3 | 60.4 | 18.4 | 61.0 |
| Spain, Asturias † | 100 | 63.0 | 13.5 | 64.4 | 67.5 | 62.7 | 14.3 | 64.5 | 32.5 | 63.7 | 11.8 | 63.3 |
| Spain, Basque country | 100 | 65.3 | 13.8 | 67.7 | 70.3 | 65.8 | 14.5 | 68.0 | 29.7 | 64.2 | 12.0 | 67.4 |
| Spain, Cantabria * | 100 | 62.0 | 13.4 | 64.8 | 68.4 | 62.0 | 13.9 | 63.9 | 31.6 | 62.0 | 12.8 | 64.8 |
| Spain, Castile and León * † | 100 | 66.5 | 15.1 | 71.0 | 70.3 | 65.9 | 15.1 | 70.8 | 29.7 | 67.9 | 15.0 | 71.2 |
| Spain, Castile-La Mancha * | 100 | 63.8 | 13.9 | 64.3 | 58.8 | 63.7 | 13.5 | 64.0 | 41.2 | 63.9 | 14.5 | 64.8 |
| Spain, Catalonia † | 100 | 65.2 | 16.5 | 69.1 | 64.2 | 65.1 | 16.1 | 68.8 | 35.8 | 65.4 | 17.1 | 69.8 |
| Spain, Extremadura † | 100 | 65.9 | 14.3 | 70.1 | 67.3 | 65.4 | 14.1 | 69.1 | 32.7 | 66.8 | 15.0 | 71.3 |
| Spain, Galicia | 100 | 65.0 | 14.4 | 68.0 | 70.8 | 65.4 | 14.0 | 68.2 | 29.2 | 63.9 | 15.5 | 67.4 |
| Spain, Community of Madrid | 100 | 64.2 | 16.3 | 67.5 | 69.6 | 65.0 | 15.7 | 67.5 | 30.4 | 62.5 | 17.4 | 67.5 |
| Spain, Region of Murcia | 100 | 63.2 | 14.5 | 66.6 | 68.1 | 63.7 | 14.6 | 67.7 | 31.9 | 62.2 | 14.3 | 63.7 |
| Spain, Navarre * † | 100 | 65.6 | 15.2 | 69.4 | 68.7 | 68.2 | 14.9 | 71.6 | 31.3 | 60.7 | 15.0 | 61.0 |
| Spain, Valencian region | 100 | 65.9 | 15.1 | 68.9 | 68.0 | 65.9 | 14.9 | 68.6 | 32.0 | 65.9 | 15.5 | 69.8 |
| Sweden | 100 | 61.9 | 17.7 | 66.4 | 65.3 | 62.3 | 17.7 | 66.8 | 34.7 | 61.1 | 17.7 | 65.3 |
| the Netherlands | 100 | 63.5 | 16.2 | 67.0 | 61.7 | 63.3 | 16.4 | 67.1 | 38.3 | 63.9 | 15.9 | 66.7 |
| United Kingdom, All countries * † | 100 | 62.2 | 15.6 | 64.5 | 63.2 | 62.6 | 15.5 | 64.7 | 36.8 | 61.7 | 15.7 | 64.3 |
| United Kingdom, England * † | 100 | 62.3 | 15.6 | 64.4 | 63.6 | 62.5 | 15.5 | 64.4 | 36.4 | 61.8 | 15.6 | 64.4 |
| United Kingdom, Northern Ireland * † | 100 | 63.6 | 16.1 | 67.6 | 60.4 | 64.5 | 15.4 | 68.3 | 39.6 | 62.3 | 17.1 | 66.5 |
| United Kingdom, Scotland | 100 | 58.5 | 17.2 | 60.9 | 61.8 | 58.6 | 17.7 | 62.4 | 38.2 | 58.2 | 16.5 | 59.6 |
| United Kingdom, Wales * † | 100 | 65.2 | 14.4 | 67.5 | 61.3 | 67.0 | 13.4 | 69.1 | 38.7 | 62.3 | 15.5 | 64.7 |

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

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

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

Table B.3.4

## Incident rates per million population and percentages by cause of renal failure, unadjusted

*at day 91*

| | 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 | 113.0 | 100 | 13.6 | 12.1 | 5.2 | 4.6 | 4.7 | 4.2 | 3.3 | 2.9 | 25.6 | 22.7 | 28.9 | 25.6 | 12.6 | 11.1 | 14.7 | 13.0 | 19.7 | 17.5 | 13.5 | 12.0 | 0 | 0 |
| Belgium, Dutch-speaking * | 161.9 | 100 | 16.3 | 10.1 | 7.0 | 4.3 | 7.8 | 4.8 | 3.3 | 2.0 | 26.8 | 16.6 | 30.1 | 18.6 | 20.8 | 12.8 | 7.9 | 4.9 | 56.5 | 34.9 | 15.5 | 9.6 | 0 | 0 |
| Belgium, French-speaking * | 156.7 | 100 | 16.3 | 10.4 | 5.2 | 3.3 | 5.4 | 3.5 | 3.1 | 2.0 | 33.2 | 21.2 | 36.3 | 23.2 | 33.4 | 21.3 | 1.7 | 1.1 | 47.6 | 30.4 | 10.7 | 6.8 | 0 | 0 |
| Bosnia and Herzegovina | 112.9 | 100 | 10.8 | 9.6 | 15.1 | 13.4 | 6.0 | 5.3 | 15.4 | 13.6 | 18.0 | 15.9 | 33.4 | 29.5 | 15.7 | 13.9 | 0.6 | 0.5 | 18.2 | 16.2 | 13.1 | 11.6 | 0 | 0 |
| Denmark | 123.0 | 100 | 14.2 | 11.6 | 5.3 | 4.3 | 10.0 | 8.1 | 11.2 | 9.1 | 18.8 | 15.3 | 30.0 | 24.4 | 11.9 | 9.7 | 0 | 0 | 21.8 | 17.7 | 29.8 | 24.3 | 0 | 0 |
| Estonia † | 86.5 | 100 | 7.6 | 8.8 | 11.4 | 13.2 | 0.8 | 0.9 | 14.2 | 16.4 | 0 | 0 | 14.2 | 16.4 | 14.5 | 16.7 | 13.7 | 15.8 | 24.3 | 28.2 | 0 | 0 | 0 | 0 |
| Finland | 81.8 | 100 | 9.9 | 12.1 | 5.3 | 6.5 | 6.8 | 8.3 | 12.8 | 15.7 | 16.5 | 20.1 | 29.3 | 35.8 | 5.9 | 7.2 | 0.4 | 0.4 | 12.1 | 14.8 | 12.3 | 15.0 | 0 | 0 |
| France † | 150.5 | 100 | 17.7 | 11.8 | 7.4 | 4.9 | 9.8 | 6.5 | | | | | 33.6 | 22.3 | 37.5 | 24.9 | 1.3 | 0.9 | 21.9 | 14.6 | 20.8 | 13.8 | 0.4 | 0.3 |
| Greece | 195.3 | 100 | 15.3 | 7.9 | 9.7 | 5.0 | 10.0 | 5.1 | 2.9 | 1.5 | 45.8 | 23.5 | 48.7 | 25.0 | 18.5 | 9.5 | 3.5 | 1.8 | 22.8 | 11.7 | 66.7 | 34.1 | 0 | 0 |
| Iceland | 55.0 | 100 | 12.2 | 22.2 | 6.1 | 11.1 | 3.1 | 5.6 | 0 | 0 | 3.1 | 5.6 | 3.1 | 5.6 | 15.3 | 27.8 | 0 | 0 | 12.2 | 22.2 | 3.1 | 5.6 | 0 | 0 |
| Montenegro * † | 86.8 | 100 | 9.1 | 10.5 | 3.2 | 3.7 | 6.4 | 7.4 | 1.6 | 1.9 | 30.6 | 35.2 | 32.2 | 37.0 | 20.9 | 24.1 | 0 | 0 | 9.6 | 11.1 | 5.4 | 6.2 | 0 | 0 |
| Norway | 96.2 | 100 | 15.6 | 16.2 | 4.7 | 4.9 | 6.8 | 7.1 | 5.3 | 5.5 | 11.5 | 11.9 | 16.7 | 17.4 | 29.0 | 30.2 | 0.4 | 0.4 | 20.4 | 21.3 | 2.5 | 2.6 | 0 | 0 |
| Romania | 136.9 | 100 | 21.4 | 15.6 | 7.0 | 5.1 | 3.7 | 2.7 | | | | | 20.2 | 14.8 | 7.8 | 5.7 | 1.1 | 0.8 | 24.7 | 18.1 | 51.0 | 37.3 | 0 | 0 |
| Serbia | 119.5 | 100 | 11.1 | 9.3 | 10.7 | 8.9 | 6.0 | 5.0 | 10.1 | 8.5 | 21.0 | 17.6 | 31.1 | 26.1 | 30.4 | 25.5 | 2.1 | 1.8 | 14.4 | 12.1 | 11.2 | 9.4 | 2.4 | 2.0 |
| Spain, Andalusia | 122.3 | 100 | 9.6 | 7.9 | 8.5 | 6.9 | 7.7 | 6.3 | | | | | 31.7 | 25.9 | 11.3 | 9.3 | 0 | 0 | 18.1 | 14.8 | 35.4 | 28.9 | 0 | 0 |
| Spain, Aragon † | 114.6 | 100 | 16.3 | 14.2 | 5.3 | 4.6 | 8.8 | 7.7 | 6.0 | 5.3 | 22.1 | 19.3 | 28.1 | 24.5 | 26.1 | 22.8 | 3.8 | 3.3 | 15.8 | 13.8 | 10.5 | 9.2 | 0 | 0 |
| Spain, Asturias † | 125.0 | 100 | 21.4 | 17.1 | 5.7 | 4.5 | 12.3 | 9.8 | 5.7 | 4.5 | 25.5 | 20.4 | 31.2 | 24.9 | 17.6 | 14.1 | 2.5 | 2.0 | 16.4 | 13.1 | 17.9 | 14.4 | 0 | 0 |
| Spain, Basque country | 105.7 | 100 | 11.1 | 10.5 | 4.2 | 3.9 | 9.2 | 8.7 | 3.2 | 3.1 | 13.8 | 13.1 | 17.1 | 16.2 | 25.4 | 24.0 | 1.8 | 1.7 | 9.7 | 9.2 | 16.2 | 15.3 | 11.1 | 10.5 |
| Spain, Cantabria * | 97.2 | 100 | 18.8 | 19.3 | 5.1 | 5.3 | 8.5 | 8.8 | 1.7 | 1.8 | 17.0 | 17.5 | 18.8 | 19.3 | 15.3 | 15.8 | 6.8 | 7.0 | 11.9 | 12.3 | 3.4 | 3.5 | 8.5 | 8.8 |
| Spain, Castile and León * † ‡ | 113.8 | 100 | 11.0 | 9.7 | 9.0 | 7.9 | 5.1 | 4.5 | 8.4 | 7.4 | 23.3 | 20.5 | 31.8 | 27.9 | 19.3 | 17.0 | 0 | 0 | 16.9 | 14.8 | 20.8 | 18.3 | 0 | 0 |
| Spain, Castile-La Mancha * | 120.8 | 100 | 16.4 | 13.6 | 11.6 | 9.6 | 13.0 | 10.8 | | | | | 30.0 | 24.8 | 10.6 | 8.8 | 4.3 | 3.6 | 12.6 | 10.4 | 22.2 | 18.4 | 0 | 0 |
| Spain, Catalonia † | 149.4 | 100 | 17.8 | 11.9 | 8.2 | 5.5 | 9.6 | 6.4 | 3.3 | 2.2 | 29.5 | 19.8 | 32.9 | 22.0 | 12.5 | 8.3 | 5.9 | 3.9 | 16.5 | 11.1 | 46.1 | 30.9 | 0 | 0 |
| Spain, Extremadura † | 114.0 | 100 | 15.8 | 13.8 | 8.2 | 7.2 | 7.3 | 6.4 | | | | | 23.0 | 20.2 | 10.0 | 8.8 | 3.6 | 3.2 | 11.8 | 10.4 | 32.1 | 28.2 | 2.1 | 1.9 |
| Spain, Galicia | 140.1 | 100 | 24.1 | 17.2 | 5.1 | 3.6 | 11.3 | 8.1 | 6.2 | 4.4 | 34.7 | 24.7 | 40.9 | 29.2 | 14.2 | 10.2 | 7.7 | 5.5 | 16.4 | 11.7 | 20.4 | 14.6 | 0 | 0 |
| Spain, Community of Madrid | 119.9 | 100 | 17.4 | 14.5 | 5.0 | 4.1 | 9.3 | 7.8 | 1.9 | 1.6 | 27.0 | 22.5 | 28.8 | 24.0 | 15.8 | 13.2 | 2.9 | 2.5 | 18.9 | 15.8 | 21.8 | 18.2 | 0 | 0 |
| Spain, Region of Murcia | 128.2 | 100 | 30.0 | 23.4 | 7.5 | 5.9 | 13.0 | 10.1 | | | | | 29.3 | 22.9 | 11.6 | 9.0 | 7.5 | 5.9 | 9.5 | 7.4 | 19.8 | 15.4 | 0 | 0 |
| Spain, Navarre * † | 130.4 | 100 | 9.4 | 7.2 | 1.6 | 1.2 | 15.7 | 12.0 | 6.3 | 4.8 | 15.7 | 12.0 | 22.0 | 16.9 | 25.1 | 19.3 | 0 | 0 | 25.1 | 19.3 | 31.4 | 24.1 | 0 | 0 |
| Spain, Valencian region | 136.9 | 100 | 14.4 | 10.5 | 9.2 | 6.7 | 8.4 | 6.1 | | | | | 30.6 | 22.3 | 20.2 | 14.7 | 6.0 | 4.4 | 15.0 | 10.9 | 33.2 | 24.2 | 0 | 0 |
| Sweden ‡ | 108.2 | 100 | 16.5 | 15.3 | 2.5 | 2.3 | 8.5 | 7.8 | 7.9 | 7.3 | 17.4 | 16.1 | 25.4 | 23.5 | 18.0 | 16.7 | 0.6 | 0.6 | 23.5 | 21.7 | 13.1 | 12.1 | 0.1 | 0.1 |
| the Netherlands | 108.3 | 100 | 9.0 | 8.3 | 3.9 | 3.6 | 5.5 | 5.0 | 3.4 | 3.2 | 17.3 | 16.0 | 20.8 | 19.2 | 14.9 | 13.7 | 11.3 | 10.4 | 15.8 | 14.6 | 9.4 | 8.7 | 17.8 | 16.5 |
| United Kingdom, All countries * † | 108.1 | 100 | 13.0 | 12.1 | 5.8 | 5.4 | 6.5 | 6.0 | | | | | 25.7 | 23.8 | 6.3 | 5.8 | 2.9 | 2.7 | 20.3 | 18.7 | 16.2 | 15.0 | 11.3 | 10.5 |
| United Kingdom, England * † | 109.5 | 100 | 12.7 | 11.6 | 5.7 | 5.2 | 6.1 | 5.5 | | | | | 25.3 | 23.1 | 6.8 | 6.2 | 3.0 | 2.8 | 19.7 | 18.0 | 16.9 | 15.5 | 13.3 | 12.2 |
| United Kingdom, Northern Ireland * † | 88.7 | 100 | 6.9 | 7.8 | 5.3 | 5.9 | 8.1 | 9.2 | | | | | 21.2 | 23.9 | 6.5 | 7.3 | 1.1 | 1.2 | 20.3 | 22.9 | 17.7 | 20.0 | 1.6 | 1.8 |
| United Kingdom, Scotland | 98.9 | 100 | 15.3 | 15.5 | 6.5 | 6.6 | 9.3 | 9.5 | | | | | 29.0 | 29.3 | 3.9 | 4.0 | 1.1 | 1.1 | 24.9 | 25.1 | 8.8 | 8.9 | 0 | 0 |
| United Kingdom, Wales * † | 113.8 | 100 | 19.0 | 16.7 | 9.2 | 8.0 | 7.4 | 6.5 | | | | | 30.0 | 26.3 | 1.9 | 1.7 | 4.9 | 4.3 | 23.5 | 20.6 | 16.1 | 14.1 | 1.9 | 1.7 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*† The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*

Table B.3.5

## Incident rates per million population by cause of renal failure, adjusted

*at day 91, adjusted for age and gender*

| | 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 | 109.3 | 13.1 | 5.1 | 4.4 | 3.3 | 24.7 | 28.0 | 12.0 | 14.0 | 19.5 | 13.1 | 0 |
| Belgium, Dutch-speaking * | 147.5 | 15.3 | 6.3 | 7.5 | 3.2 | 24.9 | 28.1 | 18.4 | 6.8 | 50.5 | 14.6 | 0 |
| Belgium, French-speaking * | 166.1 | 17.2 | 5.6 | 5.5 | 3.3 | 35.9 | 39.1 | 35.2 | 1.6 | 50.2 | 11.5 | 0 |
| Bosnia and Herzegovina | 132.1 | 12.6 | 19.4 | 6.3 | 16.5 | 21.0 | 37.5 | 17.8 | 0.6 | 23.1 | 14.8 | 0 |
| Denmark | 121.3 | 14.0 | 5.3 | 10.0 | 11.1 | 17.9 | 28.9 | 11.9 | 0 | 21.6 | 29.5 | 0 |
| Estonia † | 87.8 | 7.6 | 11.4 | 0.9 | 14.8 | 0 | 14.8 | 14.4 | 14.0 | 24.8 | 0 | 0 |
| Finland | 78.7 | 9.9 | 5.1 | 6.4 | 12.8 | 15.0 | 27.9 | 5.6 | 0.3 | 11.7 | 11.7 | 0 |
| France † | 146.9 | 17.8 | 7.3 | 9.9 | | | 33.1 | 35.3 | 1.3 | 21.8 | 19.9 | 0.4 |
| Greece | 170.5 | 14.3 | 8.5 | 9.5 | 2.9 | 39.6 | 42.6 | 16.2 | 3.0 | 20.1 | 56.3 | 0 |
| Iceland | 62.2 | 12.4 | 8.2 | 3.0 | 0 | 4.7 | 4.7 | 18.6 | 0 | 12.7 | 2.6 | 0 |
| Montenegro * † | 91.6 | 10.2 | 3.5 | 6.9 | 1.5 | 31.8 | 33.3 | 23.0 | 0 | 9.8 | 6.1 | 0 |
| Norway | 102.4 | 15.9 | 4.7 | 7.4 | 5.4 | 12.3 | 17.7 | 31.7 | 0.4 | 21.9 | 2.7 | 0 |
| Romania | 135.7 | 21.2 | 6.9 | 3.6 | | | 19.8 | 7.7 | 1.2 | 24.5 | 50.8 | 0 |
| Serbia | 109.6 | 10.9 | 9.9 | 5.6 | 9.7 | 18.3 | 28.0 | 27.4 | 1.9 | 13.2 | 10.5 | 2.2 |
| Spain, Andalusia | 127.6 | 9.7 | 8.6 | 7.8 | | | 33.4 | 11.8 | 0 | 18.9 | 37.2 | 0 |
| Spain, Aragon † | 104.3 | 16.2 | 4.7 | 8.4 | 5.9 | 19.5 | 25.3 | 22.0 | 2.9 | 15.4 | 9.5 | 0 |
| Spain, Asturias † | 105.3 | 18.1 | 5.7 | 10.0 | 4.8 | 21.6 | 26.5 | 14.1 | 2.2 | 13.7 | 15.6 | 0 |
| Spain, Basque country | 92.0 | 9.9 | 3.5 | 8.0 | 3.1 | 12.3 | 15.3 | 21.6 | 1.6 | 8.5 | 14.0 | 9.5 |
| Spain, Cantabria * | 88.9 | 17.0 | 4.4 | 7.6 | 1.7 | 15.6 | 17.3 | 14.7 | 6.8 | 10.1 | 3.1 | 8.0 |
| Spain, Castile and León * † ‡ | 92.0 | 8.7 | 6.9 | 4.6 | 7.8 | 18.6 | 26.4 | 14.4 | 0 | 14.0 | 17.3 | 0 |
| Spain, Castile-La Mancha * | 123.5 | 16.9 | 11.3 | 13.1 | | | 32.6 | 10.4 | 4.4 | 13.0 | 21.8 | 0 |
| Spain, Catalonia † | 147.7 | 17.8 | 8.1 | 9.6 | 3.1 | 29.7 | 32.8 | 12.1 | 5.7 | 16.5 | 45.3 | 0 |
| Spain, Extremadura † | 107.5 | 15.3 | 7.6 | 7.2 | | | 21.8 | 9.2 | 3.1 | 11.2 | 30.2 | 1.7 |
| Spain, Galicia | 117.0 | 21.4 | 4.3 | 10.3 | 5.8 | 28.0 | 33.8 | 11.1 | 5.8 | 14.8 | 15.6 | 0 |
| Spain, Community of Madrid | 127.0 | 17.9 | 5.2 | 9.4 | 1.8 | 29.5 | 31.2 | 16.8 | 3.1 | 20.3 | 23.1 | 0 |
| Spain, Region of Murcia | 144.5 | 33.2 | 8.1 | 14.1 | | | 33.9 | 13.4 | 8.7 | 11.3 | 21.8 | 0 |
| Spain, Navarre * † | 125.5 | 9.7 | 1.4 | 14.9 | 6.0 | 15.2 | 21.2 | 23.3 | 0 | 24.5 | 30.5 | 0 |
| Spain, Valencian region | 133.1 | 14.0 | 9.0 | 8.2 | | | 30.2 | 19.4 | 5.9 | 14.8 | 31.6 | 0 |
| Sweden ‡ | 104.2 | 16.3 | 2.3 | 8.4 | 8.2 | 16.0 | 24.2 | 16.7 | 0.6 | 22.7 | 12.7 | 0.1 |
| the Netherlands | 107.1 | 8.8 | 3.8 | 5.3 | 3.4 | 16.8 | 20.2 | 15.1 | 11.4 | 15.7 | 9.5 | 17.4 |
| United Kingdom, All countries * † | 109.7 | 13.3 | 5.9 | 6.6 | | | 26.3 | 6.3 | 2.9 | 20.6 | 16.4 | 11.5 |
| United Kingdom, England * † | 111.7 | 13.1 | 5.8 | 6.2 | | | 26.0 | 6.9 | 3.0 | 20.2 | 17.1 | 13.5 |
| United Kingdom, Northern Ireland * † | 97.6 | 7.5 | 5.6 | 8.7 | | | 23.4 | 7.4 | 1.4 | 22.5 | 19.9 | 1.8 |
| United Kingdom, Scotland | 97.2 | 15.2 | 6.4 | 9.1 | | | 28.5 | 3.7 | 1.1 | 24.3 | 8.8 | 0 |
| United Kingdom, Wales * † | 107.1 | 18.3 | 8.9 | 7.1 | | | 28.6 | 1.6 | 4.4 | 21.8 | 14.4 | 2.4 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*† The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*

Table B.3.6

## Incident counts by established therapy

*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 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| Austria | 961 | 699 | 0 | 2 | 0 | 113 | 814 | 35 | 77 | 4 | 116 | 21 | 9 | 1 | 31 | 0 | 0 |
| Belgium, Dutch-speaking * | 1043 | 623 | 0 | 0 | 2 | 303 | 928 | 57 | 33 | 0 | 90 | 7 | 18 | 0 | 25 | 0 | 0 |
| Belgium, French-speaking * | 750 | 471 | 5 | 0 | 12 | 146 | 634 | 37 | 53 | 0 | 90 | 6 | 12 | 0 | 18 | 0 | 8 |
| Bosnia and Herzegovina | 396 | 360 | 0 | 0 | 0 | 19 | 379 | 0 | 17 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 701 | 429 | 0 | 0 | | | 429 | 111 | 97 | 0 | 208 | 36 | 28 | 0 | 64 | 0 | 0 |
| Estonia † | 114 | 85 | 0 | 0 | 0 | 6 | 91 | 18 | 3 | 0 | 21 | 0 | 1 | 0 | 1 | 0 | 0 |
| Finland | 447 | 275 | 19 | 0 | 0 | 22 | 316 | 68 | 58 | 0 | 126 | 2 | 3 | 0 | 5 | 0 | 0 |
| France † | 9974 | 6754 | 6 | 14 | 16 | 1530 | 8321 | 378 | 786 | 0 | 1164 | 190 | 288 | 0 | 478 | 11 | 0 |
| Greece | 2127 | 1857 | 0 | 0 | 0 | 99 | 1956 | 71 | 92 | 0 | 163 | 8 | 0 | 0 | 8 | 0 | 0 |
| Iceland | 18 | 12 | 0 | 0 | | | 12 | | | 2 | 2 | 4 | 0 | 0 | 4 | 0 | 0 |
| Montenegro * † | 54 | 52 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 |
| Norway | 494 | 336 | 0 | 0 | | | 336 | | | 83 | 83 | 31 | 44 | 0 | 75 | 0 | 0 |
| Romania | 2698 | 2536 | 0 | 0 | 1 | 1 | 2538 | 0 | 112 | 0 | 112 | 18 | 23 | 7 | 48 | 0 | 0 |
| Serbia | 852 | 736 | 1 | 0 | 0 | 15 | 752 | 1 | 90 | 0 | 91 | 8 | 1 | 0 | 9 | 0 | 0 |
| Spain, Andalusia | 1027 | 793 | 2 | 0 | | | 795 | | | 172 | 172 | 31 | 29 | 0 | 60 | 0 | 0 |
| Spain, Aragon † | 152 | 99 | 1 | 0 | | 5 | 105 | 3 | 33 | 0 | 36 | 10 | 2 | 0 | 12 | 0 | 0 |
| Spain, Asturias † | 132 | 93 | 0 | 0 | | | 93 | 9 | 23 | 0 | 32 | 1 | 6 | 0 | 7 | 0 | 0 |
| Spain, Basque country | 229 | 156 | 3 | 0 | | | 159 | 2 | 52 | 0 | 54 | 13 | 2 | 0 | 15 | 1 | 0 |
| Spain, Cantabria * | 57 | 43 | 0 | 0 | | | 43 | 0 | 9 | 0 | 9 | 1 | 4 | 0 | 5 | 0 | 0 |
| Spain, Castile and León * † | 283 | 215 | 2 | 0 | | | 217 | 26 | 30 | 0 | 57 | 0 | 9 | 0 | 9 | 0 | 0 |
| Spain, Castile-La Mancha * | 250 | 196 | 0 | 0 | | | 196 | 11 | 36 | 0 | 47 | | | 7 | 7 | 0 | 0 |
| Spain, Catalonia † | 1123 | 508 | 0 | 0 | | 381 | 889 | 31 | 93 | 0 | 124 | 75 | 36 | 0 | 111 | 0 | 0 |
| Spain, Extremadura † | 125 | 106 | 0 | 0 | | | 106 | 5 | 14 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 1 |
| Spain, Galicia | 384 | 291 | 0 | 0 | 0 | 1 | 292 | 17 | 59 | 0 | 76 | 15 | 0 | 1 | 16 | 0 | 0 |
| Spain, Community of Madrid | 774 | 592 | 1 | 0 | | | 593 | 20 | 85 | 17 | 122 | 9 | 50 | 0 | 59 | 0 | 0 |
| Spain, Region of Murcia | 188 | 158 | 0 | 0 | | | 158 | 1 | 23 | 0 | 24 | 4 | 2 | 0 | 6 | 0 | 0 |
| Spain, Navarre * † | 83 | 57 | 4 | 0 | | | 61 | | | 19 | 19 | 1 | 2 | 0 | 3 | 0 | 0 |
| Spain, Valencian region | 685 | 524 | 5 | 0 | | | 529 | 6 | 135 | 0 | 141 | 4 | 10 | 0 | 14 | 1 | 0 |
| Sweden | 1049 | 0 | 3 | 637 | | | 640 | | | 314 | 314 | 58 | 37 | 0 | 95 | 0 | 0 |
| the Netherlands | 1826 | 1270 | 4 | 0 | | | 1274 | 105 | 187 | 0 | 292 | 226 | 33 | 1 | 260 | 0 | 0 |
| United Kingdom, All countries * † § | 6985 | 4207 | 57 | 1 | 9 | 605 | 4879 | 651 | 726 | 33 | 1410 | 360 | 320 | 17 | 696 | 0 | 0 |
| United Kingdom, England * † | 5950 | 3459 | 52 | 0 | 10 | 587 | 4107 | 578 | 632 | 32 | 1242 | 299 | 286 | 16 | 601 | 0 | 0 |
| United Kingdom, Northern Ireland * † | 163 | 119 | 1 | 1 | 0 | 1 | 122 | 19 | 0 | 0 | 19 | 18 | 3 | 0 | 22 | 0 | 0 |
| United Kingdom, Scotland | 529 | 397 | 2 | 0 | | | 399 | 45 | 34 | 0 | 79 | 30 | 20 | 1 | 51 | 0 | 0 |
| United Kingdom, Wales * † | 352 | 238 | 2 | 0 | 0 | 18 | 258 | 9 | 59 | 1 | 69 | 15 | 10 | 0 | 25 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*† The incident counts at day 91 are estimated (see methods)*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.3.7

## Incident rates per million population by 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 | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Austria | 113.0 | 82.2 | 0 | 0.2 | 0 | 13.3 | 95.7 | 4.1 | 9.1 | 0.5 | 13.6 | 2.5 | 1.1 | 0.1 | 3.6 | 0 | 0 |
| Belgium, Dutch-speaking * | 161.9 | 96.7 | 0 | 0 | 0.3 | 47.0 | 144.0 | 8.8 | 5.1 | 0 | 14.0 | 1.1 | 2.8 | 0 | 3.9 | 0 | 0 |
| Belgium, French-speaking * | 156.7 | 98.4 | 1.0 | 0 | 2.5 | 30.5 | 132.4 | 7.7 | 11.1 | 0 | 18.8 | 1.3 | 2.5 | 0 | 3.8 | 0 | 1.7 |
| Bosnia and Herzegovina | 112.9 | 102.6 | 0 | 0 | 0 | 5.4 | 108.0 | 0 | 4.8 | 0 | 4.8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 123.0 | 75.3 | 0 | 0 | | | 75.3 | 19.5 | 17.0 | 0 | 36.5 | 6.3 | 4.9 | 0 | 11.2 | 0 | 0 |
| Estonia † | 86.5 | 64.9 | 0 | 0 | 0 | 4.6 | 69.5 | 13.7 | 2.3 | 0 | 16.0 | 0 | 1.0 | 0 | 1.0 | 0 | 0 |
| Finland | 81.8 | 50.4 | 3.5 | 0 | 0 | 4.0 | 57.9 | 12.5 | 10.6 | 0 | 23.1 | 0.4 | 0.5 | 0 | 0.9 | 0 | 0 |
| France † | 150.5 | 101.9 | 0.1 | 0.2 | 0.2 | 23.1 | 125.6 | 5.7 | 11.9 | 0 | 17.6 | 2.9 | 4.3 | 0 | 7.2 | 0.2 | 0 |
| Greece | 195.3 | 170.5 | 0 | 0 | 0 | 9.1 | 179.6 | 6.5 | 8.4 | 0 | 15.0 | 0.7 | 0 | 0 | 0.7 | 0 | 0 |
| Iceland | 55.0 | 36.7 | 0 | 0 | | | 36.7 | | | 6.1 | 6.1 | 12.2 | 0 | 0 | 12.2 | 0 | 0 |
| Montenegro * † | 86.8 | 83.6 | 0 | 0 | 0 | 0 | 83.6 | 0 | 0 | 0 | 0 | 3.2 | 0 | 0 | 3.2 | 0 | 0 |
| Norway | 96.2 | 65.4 | 0 | 0 | | | 65.4 | | | 16.2 | 16.2 | 6.0 | 8.6 | 0 | 14.6 | 0 | 0 |
| Romania | 136.9 | 128.7 | 0 | 0 | 0.1 | 0.1 | 128.8 | 0 | 5.7 | 0 | 5.7 | 0.9 | 1.2 | 0.4 | 2.4 | 0 | 0 |
| Serbia | 119.5 | 103.2 | 0.1 | 0 | 0 | 2.1 | 105.5 | 0.1 | 12.6 | 0 | 12.8 | 1.1 | 0.1 | 0 | 1.3 | 0 | 0 |
| Spain, Andalusia | 122.3 | 94.5 | 0.2 | 0 | | | 94.7 | | | 20.5 | 20.5 | 3.7 | 3.5 | 0 | 7.1 | 0 | 0 |
| Spain, Aragon † | 114.6 | 74.2 | 0.8 | 0 | | 3.8 | 78.8 | 2.3 | 24.8 | 0 | 27.1 | 7.3 | 1.5 | 0 | 8.8 | 0 | 0 |
| Spain, Asturias † | 125.0 | 88.1 | 0 | 0 | | | 88.1 | 8.8 | 21.7 | 0 | 30.5 | 0.9 | 5.4 | 0 | 6.3 | 0 | 0 |
| Spain, Basque country | 105.7 | 72.0 | 1.4 | 0 | | | 73.4 | 0.9 | 24.0 | 0 | 24.9 | 6.0 | 0.9 | 0 | 6.9 | 0.5 | 0 |
| Spain, Cantabria * | 97.2 | 73.3 | 0 | 0 | | | 73.3 | 0 | 15.3 | 0 | 15.3 | 1.7 | 6.8 | 0 | 8.5 | 0 | 0 |
| Spain, Castile and León * † | 113.8 | 86.6 | 0.8 | 0 | | | 87.4 | 10.6 | 12.2 | 0 | 22.8 | 0 | 3.6 | 0 | 3.6 | 0 | 0 |
| Spain, Castile-La Mancha * | 120.8 | 94.7 | 0 | 0 | | | 94.7 | 5.3 | 17.4 | 0 | 22.7 | | | 3.4 | 3.4 | 0 | 0 |
| Spain, Catalonia † | 149.4 | 67.6 | 0 | 0 | | 50.7 | 118.2 | 4.1 | 12.4 | 0 | 16.5 | 9.9 | 4.8 | 0 | 14.7 | 0 | 0 |
| Spain, Extremadura † | 114.0 | 96.1 | 0 | 0 | | | 96.1 | 4.5 | 12.4 | 0 | 17.0 | 0 | 0 | 0 | 0 | 0 | 0.9 |
| Spain, Galicia | 140.1 | 106.2 | 0 | 0 | 0 | 0.4 | 106.5 | 6.2 | 21.5 | 0 | 27.7 | 5.5 | 0 | 0.4 | 5.8 | 0 | 0 |
| Spain, Community of Madrid | 119.9 | 91.7 | 0.2 | 0 | | | 91.9 | 3.1 | 13.2 | 2.6 | 18.9 | 1.4 | 7.7 | 0 | 9.1 | 0 | 0 |
| Spain, Region of Murcia | 128.2 | 107.7 | 0 | 0 | | | 107.7 | 0.7 | 15.7 | 0 | 16.4 | 2.7 | 1.4 | 0 | 4.1 | 0 | 0 |
| Spain, Navarre * † | 130.4 | 89.6 | 5.8 | 0 | | | 95.3 | | | 29.9 | 29.9 | 1.6 | 3.7 | 0 | 5.2 | 0 | 0 |
| Spain, Valencian region | 136.9 | 104.7 | 1.0 | 0 | | | 105.7 | 1.2 | 27.0 | 0 | 28.2 | 0.8 | 2.0 | 0 | 2.8 | 0.2 | 0 |
| Sweden | 108.2 | 0 | 0.3 | 65.7 | | | 66.0 | | | 32.4 | 32.4 | 6.0 | 3.8 | 0 | 9.8 | 0 | 0 |
| the Netherlands | 108.3 | 75.3 | 0.2 | 0 | | | 75.5 | 6.2 | 11.1 | 0 | 17.3 | 13.4 | 2.0 | 0.1 | 15.4 | 0 | 0 |
| United Kingdom, All countries * † § | 108.1 | 65.1 | 0.9 | 0 | 0.1 | 9.4 | 75.5 | 10.1 | 11.2 | 0.5 | 21.8 | 5.6 | 4.9 | 0.3 | 10.8 | 0 | 0 |
| United Kingdom, England * † | 109.5 | 63.7 | 1.0 | 0 | 0.2 | 10.8 | 75.6 | 10.6 | 11.6 | 0.6 | 22.9 | 5.5 | 5.3 | 0.3 | 11.1 | 0 | 0 |
| United Kingdom, Northern Ireland * † | 88.7 | 64.7 | 0.5 | 0.5 | 0 | 0.4 | 66.5 | 10.5 | 0 | 0 | 10.5 | 10.0 | 1.8 | 0 | 11.8 | 0 | 0 |
| United Kingdom, Scotland | 98.9 | 74.2 | 0.4 | 0 | | | 74.6 | 8.4 | 6.4 | 0 | 14.8 | 5.6 | 3.7 | 0.2 | 9.5 | 0 | 0 |
| United Kingdom, Wales * † | 113.8 | 76.9 | 0.8 | 0 | 0 | 5.7 | 83.4 | 2.8 | 19.1 | 0.4 | 22.3 | 5.0 | 3.1 | 0 | 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; 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)*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.3.8

## Incident rates per million population by established therapy, adjusted

*at day 91, adjusted for age and gender*

| | Total | Haemodialysis | | | | | | Peritoneal dialysis | | | | Transplant | | | | Unkn | Missing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HD hospital/ centre | HD home | HD type Unkn | HF | HDF | Total HD/ HF/HDF | APD | CAPD | PD type Unkn | Total PD | Living | Deceased | Tx type Unkn | Total Tx | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Austria | 109.3 | 79.7 | 0 | 0.2 | 0 | 12.8 | 92.7 | 3.9 | 8.7 | 0.5 | 13.1 | 2.4 | 1.0 | 0.1 | 3.6 | 0 | 0 |
| Belgium, Dutch-speaking * | 147.5 | 87.7 | 0 | 0 | 0.3 | 42.5 | 130.5 | 8.3 | 4.8 | 0 | 13.1 | 1.1 | 2.7 | 0 | 3.9 | 0 | 0 |
| Belgium, French-speaking * | 166.1 | 104.3 | 1.1 | 0 | 2.6 | 32.4 | 140.4 | 8.3 | 11.7 | 0 | 20.0 | 1.3 | 2.6 | 0 | 3.9 | 0 | 1.7 |
| Bosnia and Herzegovina | 132.1 | 119.5 | 0 | 0 | 0 | 7.6 | 127.0 | 0 | 5.1 | 0 | 5.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 121.3 | 74.9 | 0 | 0 | | | 74.9 | 19.0 | 16.3 | 0 | 35.3 | 6.3 | 4.8 | 0 | 11.1 | 0 | 0 |
| Estonia † | 87.8 | 66.2 | 0 | 0 | 0 | 4.3 | 70.5 | 13.8 | 2.4 | 0 | 16.2 | 0 | 1.0 | 0 | 1.0 | 0 | 0 |
| Finland | 78.7 | 48.3 | 3.6 | 0 | 0 | 3.8 | 55.7 | 11.9 | 10.1 | 0 | 22.1 | 0.4 | 0.6 | 0 | 0.9 | 0 | 0 |
| France † | 146.9 | 99.4 | 0.1 | 0.2 | 0.3 | 22.3 | 122.3 | 5.7 | 11.3 | 0 | 17.0 | 3.0 | 4.4 | 0 | 7.5 | 0.2 | 0 |
| Greece | 170.5 | 147.6 | 0 | 0 | 0 | 8.6 | 156.1 | 5.9 | 7.6 | 0 | 13.5 | 0.8 | 0 | 0 | 0.8 | 0 | 0 |
| Iceland | 62.2 | 43.4 | 0 | 0 | | | 43.4 | | | 6.2 | 6.2 | 12.6 | 0 | 0 | 12.6 | 0 | 0 |
| Montenegro * † | 91.6 | 88.4 | 0 | 0 | 0 | 0 | 88.4 | 0 | 0 | 0 | 0 | 3.1 | 0 | 0 | 3.1 | 0 | 0 |
| Norway | 102.4 | 70.3 | 0 | 0 | | | 70.3 | | | 17.4 | 17.4 | 5.9 | 8.8 | 0 | 14.7 | 0 | 0 |
| Romania | 135.7 | 127.5 | 0 | 0 | 0 | 0.1 | 127.6 | 0 | 5.6 | 0 | 5.6 | 0.9 | 1.2 | 0.4 | 2.5 | 0 | 0 |
| Serbia | 109.6 | 94.2 | 0.1 | 0 | 0 | 2.1 | 96.4 | 0.2 | 11.7 | 0 | 11.9 | 1.2 | 0.2 | 0 | 1.3 | 0 | 0 |
| Spain, Andalusia | 127.6 | 99.2 | 0.2 | 0 | | | 99.5 | | | 21.0 | 21.0 | 3.7 | 3.3 | 0 | 7.1 | 0 | 0 |
| Spain, Aragon † | 104.3 | 65.7 | 0.5 | 0 | | 3.7 | 69.8 | 2.1 | 23.5 | 0 | 25.6 | 7.2 | 1.6 | 0 | 8.8 | 0 | 0 |
| Spain, Asturias † | 105.3 | 72.9 | 0 | 0 | | | 72.9 | 9.2 | 18.0 | 0 | 27.2 | 0.8 | 4.7 | 0 | 5.5 | 0 | 0 |
| Spain, Basque country | 92.0 | 61.9 | 1.2 | 0 | | | 63.1 | 0.7 | 21.3 | 0 | 22.0 | 5.4 | 1.1 | 0 | 6.5 | 0.4 | 0 |
| Spain, Cantabria * | 88.9 | 67.4 | 0 | 0 | | | 67.4 | 0 | 13.7 | 0 | 13.7 | 1.5 | 6.3 | 0 | 7.8 | 0 | 0 |
| Spain, Castile and León * † | 92.0 | 68.4 | 0.7 | 0 | | | 69.1 | 9.3 | 10.5 | 0 | 19.7 | 0 | 3.6 | 0 | 3.6 | 0 | 0 |
| Spain, Castile-La Mancha * | 123.5 | 96.9 | 0 | 0 | | | 96.9 | 5.3 | 17.9 | 0 | 23.2 | | | 3.5 | 3.5 | 0 | 0 |
| Spain, Catalonia † | 147.7 | 67.0 | 0 | 0 | | 50.0 | 117.0 | 4.1 | 12.4 | 0 | 16.3 | 9.9 | 4.7 | 0 | 14.6 | 0 | 0 |
| Spain, Extremadura † | 107.5 | 90.5 | 0 | 0 | | | 90.5 | 4.5 | 11.6 | 0 | 16.1 | 0 | 0 | 0 | 0 | 0 | 0.9 |
| Spain, Galicia | 117.0 | 86.6 | 0 | 0 | 0 | 0.3 | 86.9 | 5.9 | 18.6 | 0 | 24.5 | 5.3 | 0 | 0.3 | 5.6 | 0 | 0 |
| Spain, Community of Madrid | 127.0 | 97.5 | 0.1 | 0 | | | 97.6 | 3.2 | 14.0 | 2.7 | 20.0 | 1.3 | 8.2 | 0 | 9.5 | 0 | 0 |
| Spain, Region of Murcia | 144.5 | 122.0 | 0 | 0 | | | 122.0 | 0.7 | 17.9 | 0 | 18.6 | 2.7 | 1.2 | 0 | 3.9 | 0 | 0 |
| Spain, Navarre * † | 125.5 | 85.8 | 5.7 | 0 | | | 91.1 | | | 29.1 | 29.1 | 1.6 | 3.7 | 0 | 5.3 | 0 | 0 |
| Spain, Valencian region | 133.1 | 101.2 | 1.0 | 0 | | | 102.2 | 1.3 | 26.6 | 0 | 27.9 | 0.8 | 2.0 | 0 | 2.8 | 0.2 | 0 |
| Sweden | 104.2 | 0 | 0.3 | 63.0 | | | 63.3 | | | 30.8 | 30.8 | 6.2 | 3.9 | 0 | 10.1 | 0 | 0 |
| the Netherlands | 107.1 | 74.6 | 0.2 | 0 | | | 74.8 | 6.2 | 11.0 | 0 | 17.2 | 13.1 | 1.9 | 0.1 | 15.0 | 0 | 0 |
| United Kingdom, All countries * † § | 109.7 | 65.9 | 0.9 | 0 | 0.1 | 9.4 | 76.4 | 10.3 | 11.4 | 0.5 | 22.2 | 5.8 | 5.1 | 0.3 | 11.1 | 0 | 0 |
| United Kingdom, England * † | 111.7 | 64.8 | 1.0 | 0 | 0.2 | 10.9 | 76.9 | 10.8 | 11.9 | 0.6 | 23.4 | 5.7 | 5.5 | 0.3 | 11.5 | 0 | 0 |
| United Kingdom, Northern Ireland * † | 97.6 | 72.3 | 0.5 | 0.7 | 0 | 0.7 | 73.9 | 12.1 | 0 | 0 | 11.5 | 10.5 | 1.9 | 0 | 12.4 | 0 | 0 |
| United Kingdom, Scotland | 97.2 | 72.5 | 0.3 | 0 | | | 72.8 | 8.5 | 6.2 | 0 | 14.7 | 5.8 | 3.7 | 0.2 | 9.7 | 0 | 0 |
| United Kingdom, Wales * † | 107.2 | 71.7 | 0.7 | 0 | 0 | 5.5 | 77.6 | 2.7 | 18.1 | 0.4 | 21.1 | 5.3 | 3.1 | 0 | 8.4 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*† The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.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 | 72.7 | 0 | 0.2 | 0 | 11.8 | 84.7 | 3.6 | 8.0 | 0.4 | 12.1 | 2.2 | 0.9 | 0.1 | 3.2 | 0 | 0 |
| Belgium, Dutch-speaking * | 100 | 59.7 | 0 | 0 | 0.2 | 29.1 | 89.0 | 5.5 | 3.2 | 0 | 8.6 | 0.7 | 1.7 | 0 | 2.4 | 0 | 0 |
| Belgium, French-speaking * | 100 | 62.8 | 0.7 | 0 | 1.6 | 19.5 | 84.5 | 4.9 | 7.1 | 0 | 12.0 | 0.8 | 1.6 | 0 | 2.4 | 0 | 1.1 |
| Bosnia and Herzegovina | 100 | 90.9 | 0 | 0 | 0 | 4.8 | 95.7 | 0 | 4.3 | 0 | 4.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 100 | 61.2 | 0 | 0 | | | 61.2 | 15.8 | 13.8 | 0 | 29.7 | 5.1 | 4.0 | 0 | 9.1 | 0 | 0 |
| Estonia † | 100 | 75.1 | 0 | 0 | 0 | 5.3 | 80.4 | 15.8 | 2.6 | 0 | 18.5 | 0 | 1.2 | 0 | 1.2 | 0 | 0 |
| Finland | 100 | 61.5 | 4.3 | 0 | 0 | 4.9 | 70.7 | 15.2 | 13.0 | 0 | 28.2 | 0.4 | 0.7 | 0 | 1.1 | 0 | 0 |
| France † | 100 | 67.7 | 0.1 | 0.1 | 0.2 | 15.3 | 83.4 | 3.8 | 7.9 | 0 | 11.7 | 1.9 | 2.9 | 0 | 4.8 | 0.1 | 0 |
| Greece | 100 | 87.3 | 0 | 0 | 0 | 4.7 | 92.0 | 3.3 | 4.3 | 0 | 7.7 | 0.4 | 0 | 0 | 0.4 | 0 | 0 |
| Iceland | 100 | 66.7 | 0 | 0 | | | 66.7 | | | 11.1 | 11.1 | 22.2 | 0 | 0 | 22.2 | 0 | 0 |
| Montenegro * † | 100 | 96.3 | 0 | 0 | 0 | 0 | 96.3 | 0 | 0 | 0 | 0 | 3.7 | 0 | 0 | 3.7 | 0 | 0 |
| Norway | 100 | 68.0 | 0 | 0 | | | 68.0 | | | 16.8 | 16.8 | 6.3 | 8.9 | 0 | 15.2 | 0 | 0 |
| Romania | 100 | 94.0 | 0 | 0 | 0 | 0 | 94.1 | 0 | 4.2 | 0 | 4.2 | 0.7 | 0.9 | 0.3 | 1.8 | 0 | 0 |
| Serbia | 100 | 86.4 | 0.1 | 0 | 0 | 1.8 | 88.3 | 0.1 | 10.6 | 0 | 10.7 | 0.9 | 0.1 | 0 | 1.1 | 0 | 0 |
| Spain, Andalusia | 100 | 77.2 | 0.2 | 0 | | | 77.4 | | | 16.7 | 16.7 | 3.0 | 2.8 | 0 | 5.8 | 0 | 0 |
| Spain, Aragon † | 100 | 64.8 | 0.7 | 0 | | 3.3 | 68.7 | 2.0 | 21.7 | 0 | 23.6 | 6.3 | 1.3 | 0 | 7.7 | 0 | 0 |
| Spain, Asturias † | 100 | 70.5 | 0 | 0 | | | 70.5 | 7.1 | 17.4 | 0 | 24.4 | 0.8 | 4.3 | 0 | 5.0 | 0 | 0 |
| Spain, Basque country | 100 | 68.1 | 1.3 | 0 | | | 69.4 | 0.9 | 22.7 | 0 | 23.6 | 5.7 | 0.9 | 0 | 6.6 | 0.4 | 0 |
| Spain, Cantabria * | 100 | 75.4 | 0 | 0 | | | 75.4 | 0 | 15.8 | 0 | 15.8 | 1.8 | 7.0 | 0 | 8.8 | 0 | 0 |
| Spain, Castile and León * † | 100 | 76.1 | 0.7 | 0 | | | 76.8 | 9.3 | 10.7 | 0 | 20.0 | 0 | 3.2 | 0 | 3.2 | 0 | 0 |
| Spain, Castile-La Mancha * | 100 | 78.4 | 0 | 0 | | | 78.4 | 4.4 | 14.4 | 0 | 18.8 | | | 2.8 | 2.8 | 0 | 0 |
| Spain, Catalonia † | 100 | 45.2 | 0 | 0 | | 33.9 | 79.1 | 2.8 | 8.3 | 0 | 11.0 | 6.6 | 3.2 | 0 | 9.9 | 0 | 0 |
| Spain, Extremadura † | 100 | 84.3 | 0 | 0 | | | 84.3 | 4.0 | 10.9 | 0 | 14.9 | 0 | 0 | 0 | 0 | 0 | 0.8 |
| Spain, Galicia | 100 | 75.8 | 0 | 0 | 0 | 0.3 | 76.0 | 4.4 | 15.4 | 0 | 19.8 | 3.9 | 0 | 0.3 | 4.2 | 0 | 0 |
| Spain, Community of Madrid | 100 | 76.5 | 0.1 | 0 | | | 76.6 | 2.6 | 11.0 | 2.2 | 15.8 | 1.2 | 6.5 | 0 | 7.6 | 0 | 0 |
| Spain, Region of Murcia | 100 | 84.0 | 0 | 0 | | | 84.0 | 0.5 | 12.2 | 0 | 12.8 | 2.1 | 1.1 | 0 | 3.2 | 0 | 0 |
| Spain, Navarre * † | 100 | 68.7 | 4.4 | 0 | | | 73.1 | | | 22.9 | 22.9 | 1.2 | 2.8 | 0 | 4.0 | 0 | 0 |
| Spain, Valencian region | 100 | 76.5 | 0.7 | 0 | | | 77.2 | 0.9 | 19.7 | 0 | 20.6 | 0.6 | 1.5 | 0 | 2.0 | 0.1 | 0 |
| Sweden | 100 | 0 | 0.3 | 60.7 | | | 61.0 | | | 29.9 | 29.9 | 5.5 | 3.5 | 0 | 9.1 | 0 | 0 |
| the Netherlands | 100 | 69.6 | 0.2 | 0 | | | 69.8 | 5.8 | 10.2 | 0 | 16.0 | 12.4 | 1.8 | 0.1 | 14.2 | 0 | 0 |
| United Kingdom, All countries * † § | 100 | 60.2 | 0.8 | 0 | 0.1 | 8.7 | 69.8 | 9.3 | 10.4 | 0.5 | 20.2 | 5.1 | 4.6 | 0.2 | 10.0 | 0 | 0 |
| United Kingdom, England * † | 100 | 58.1 | 0.9 | 0 | 0.2 | 9.9 | 69.0 | 9.7 | 10.6 | 0.5 | 20.9 | 5.0 | 4.8 | 0.3 | 10.1 | 0 | 0 |
| United Kingdom, Northern Ireland * † | 100 | 72.9 | 0.6 | 0.6 | 0 | 0.4 | 74.9 | 11.8 | 0 | 0 | 11.8 | 11.2 | 2.0 | 0 | 13.3 | 0 | 0 |
| United Kingdom, Scotland | 100 | 75.0 | 0.4 | 0 | | | 75.4 | 8.5 | 6.4 | 0 | 14.9 | 5.7 | 3.8 | 0.2 | 9.6 | 0 | 0 |
| United Kingdom, Wales * † | 100 | 67.5 | 0.7 | 0 | 0 | 5.0 | 73.3 | 2.5 | 16.8 | 0.4 | 19.6 | 4.4 | 2.7 | 0 | 7.1 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*† The incident counts at day 91, on which the data presented in this table are based, are estimated (see methods)*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.3.10

## Percentages of established therapy by age, gender, and primary diagnosis, unadjusted

*at day 91*

| | Total | | | | 0-19 | | | | 20-44 | | | | 45-64 | | | | 65-74 | | | | 75+ | | | | Men | | | | Women | | | | DM | | | | Non DM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Austria | 85 | 12 | 3 | 0 | 40 | 33 | 27 | 0 | 72 | 17 | 12 | 0 | 81 | 16 | 4 | 0 | 87 | 12 | 1 | 0 | 96 | 4 | 0 | 0 | 83 | 13 | 4 | 0 | 87 | 10 | 2 | 0 | 89 | 10 | 1 | 0 | 83 | 13 | 4 | 0 |
| Belgium, Dutch-speaking * | 89 | 9 | 2 | 0 | | | | | 68 | 21 | 12 | 0 | 79 | 15 | 6 | 0 | 92 | 7 | 1 | 0 | 96 | 4 | 0 | 0 | 88 | 10 | 2 | 0 | 90 | 6 | 3 | 0 | 94 | 6 | 1 | 0 | 88 | 9 | 3 | 0 |
| Belgium, French-speaking * | 85 | 12 | 2 | 1 | | | | | 70 | 16 | 11 | 3 | 79 | 14 | 4 | 3 | 87 | 12 | 1 | 0 | 90 | 10 | 0 | 0 | 85 | 12 | 2 | 1 | 83 | 13 | 3 | 1 | 90 | 10 | 0 | 1 | 83 | 13 | 3 | 1 |
| Bosnia and Herzegovina | 96 | 4 | 0 | 0 | 50 | 50 | 0 | 0 | 87 | 13 | 0 | 0 | 98 | 2 | 0 | 0 | 95 | 5 | 0 | 0 | 99 | 1 | 0 | 0 | 96 | 4 | 0 | 0 | 95 | 5 | 0 | 0 | 93 | 7 | 0 | 0 | 97 | 3 | 0 | 0 |
| Denmark | 61 | 30 | 9 | 0 | 29 | 29 | 43 | 0 | 57 | 25 | 19 | 0 | 56 | 28 | 17 | 0 | 61 | 34 | 5 | 0 | 70 | 30 | 0 | 0 | 60 | 31 | 8 | 0 | 63 | 26 | 11 | 0 | 61 | 33 | 6 | 0 | 61 | 28 | 10 | 0 |
| Estonia † | 81 | 19 | 1 | 0 | 100 | 0 | 0 | 0 | 76 | 24 | 0 | 0 | 79 | 19 | 2 | 0 | 79 | 21 | 0 | 0 | 87 | 13 | 0 | 0 | 79 | 19 | 1 | 0 | 82 | 18 | 0 | 0 | 68 | 32 | 0 | 0 | 83 | 16 | 1 | 0 |
| Finland | 71 | 28 | 1 | 0 | 31 | 54 | 15 | 0 | 68 | 30 | 2 | 0 | 70 | 29 | 1 | 0 | 78 | 22 | 0 | 0 | 71 | 29 | 0 | 0 | 71 | 28 | 1 | 0 | 69 | 29 | 1 | 0 | 76 | 24 | 0 | 0 | 68 | 30 | 2 | 0 |
| France † | 83 | 12 | 5 | 0 | 52 | 27 | 21 | 0 | 71 | 14 | 14 | 0 | 82 | 11 | 7 | 0 | 86 | 10 | 4 | 0 | 87 | 12 | 1 | 0 | 84 | 11 | 5 | 0 | 82 | 13 | 5 | 0 | 88 | 9 | 2 | 0 | 82 | 12 | 5 | 0 |
| Greece | 92 | 8 | 0 | 0 | 50 | 33 | 17 | 0 | 87 | 10 | 3 | 0 | 91 | 9 | 0 | 0 | 91 | 9 | 0 | 0 | 95 | 5 | 0 | 0 | 92 | 7 | 1 | 0 | 91 | 9 | 0 | 0 | 92 | 8 | 0 | 0 | 92 | 8 | 1 | 0 |
| Iceland | 67 | 11 | 22 | 0 | 100 | 0 | 0 | 0 | 33 | 33 | 33 | 0 | 20 | 20 | 60 | 0 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 62 | 8 | 31 | 0 | 80 | 20 | 0 | 0 | 100 | 0 | 0 | 0 | 65 | 12 | 24 | 0 |
| Montenegro * † | 96 | 0 | 4 | 0 | | | | | 86 | 0 | 14 | 0 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 97 | 0 | 3 | 0 | 94 | 0 | 6 | 0 | 100 | 0 | 0 | 0 | 94 | 0 | 6 | 0 |
| Norway | 68 | 17 | 15 | 0 | 9 | 18 | 73 | 0 | 61 | 17 | 22 | 0 | 65 | 14 | 21 | 0 | 69 | 18 | 12 | 0 | 79 | 18 | 3 | 0 | 67 | 17 | 16 | 0 | 70 | 17 | 13 | 0 | 76 | 15 | 9 | 0 | 66 | 17 | 16 | 0 |
| Romania | 94 | 4 | 2 | 0 | 90 | 3 | 7 | 0 | 88 | 5 | 8 | 0 | 94 | 4 | 2 | 0 | 96 | 4 | 0 | 0 | 97 | 3 | 0 | 0 | 93 | 5 | 2 | 0 | 95 | 3 | 1 | 0 | 95 | 5 | 0 | 0 | 94 | 4 | 2 | 0 |
| Serbia | 88 | 11 | 1 | 0 | 63 | 13 | 25 | 0 | 84 | 12 | 4 | 0 | 89 | 10 | 1 | 0 | 88 | 12 | 0 | 0 | 93 | 8 | 0 | 0 | 90 | 9 | 1 | 0 | 86 | 13 | 1 | 0 | 82 | 18 | 0 | 0 | 90 | 8 | 1 | 0 |
| Spain, Andalusia | 77 | 17 | 6 | 0 | 0 | 0 | 100 | 0 | 64 | 20 | 16 | 0 | 72 | 21 | 7 | 0 | 83 | 15 | 2 | 0 | 89 | 11 | 0 | 0 | 78 | 16 | 6 | 0 | 76 | 17 | 6 | 0 | 84 | 12 | 4 | 0 | 75 | 18 | 7 | 0 |
| Spain, Aragon † | 69 | 24 | 8 | 0 | 0 | 100 | 0 | 0 | 40 | 20 | 40 | 0 | 51 | 38 | 11 | 0 | 85 | 15 | 0 | 0 | 86 | 14 | 0 | 0 | 71 | 22 | 7 | 0 | 64 | 27 | 9 | 0 | 72 | 28 | 0 | 0 | 68 | 22 | 10 | 0 |
| Spain, Asturias † | 71 | 24 | 5 | 0 | 0 | 100 | 0 | 0 | 50 | 25 | 25 | 0 | 66 | 27 | 7 | 0 | 64 | 32 | 4 | 0 | 94 | 6 | 0 | 0 | 68 | 28 | 5 | 0 | 77 | 18 | 5 | 0 | 82 | 9 | 9 | 0 | 67 | 30 | 4 | 0 |
| Spain, Basque country | 69 | 24 | 7 | 0 | 0 | 0 | 100 | 0 | 43 | 24 | 33 | 0 | 58 | 35 | 6 | 1 | 77 | 19 | 4 | 0 | 84 | 16 | 0 | 0 | 70 | 20 | 9 | 1 | 68 | 31 | 1 | 0 | 70 | 22 | 8 | 0 | 69 | 24 | 6 | 1 |
| Spain, Cantabria * | 75 | 16 | 9 | 0 | | | | | 50 | 25 | 25 | 0 | 73 | 18 | 9 | 0 | 88 | 6 | 6 | 0 | 80 | 20 | 0 | 0 | 79 | 13 | 8 | 0 | 67 | 22 | 11 | 0 | 91 | 0 | 9 | 0 | 72 | 20 | 9 | 0 |
| Spain, Castile and León * † | 77 | 20 | 3 | 0 | | | | | 53 | 31 | 16 | 0 | 71 | 28 | 1 | 0 | 74 | 21 | 4 | 0 | 89 | 11 | 0 | 0 | 79 | 18 | 3 | 0 | 71 | 25 | 4 | 0 | 79 | 18 | 3 | 0 | 76 | 21 | 3 | 0 |
| Spain, Castile-La Mancha * | 78 | 19 | 3 | 0 | | | | | 44 | 41 | 15 | 0 | 72 | 25 | 3 | 0 | 87 | 13 | 0 | 0 | 95 | 5 | 0 | 0 | 78 | 20 | 3 | 0 | 80 | 17 | 3 | 0 | 81 | 19 | 0 | 0 | 78 | 19 | 4 | 0 |
| Spain, Catalonia † | 79 | 11 | 10 | 0 | 41 | 11 | 48 | 0 | 55 | 15 | 30 | 0 | 70 | 14 | 16 | 0 | 82 | 13 | 5 | 0 | 93 | 5 | 1 | 0 | 79 | 12 | 9 | 0 | 79 | 9 | 12 | 0 | 86 | 9 | 5 | 0 | 77 | 12 | 11 | 0 |
| Spain, Extremadura † | 84 | 15 | 0 | 1 | 0 | 0 | 0 | 0 | 73 | 18 | 0 | 9 | 75 | 25 | 0 | 0 | 91 | 9 | 0 | 0 | 90 | 10 | 0 | 0 | 83 | 17 | 0 | 0 | 88 | 10 | 0 | 2 | 88 | 12 | 0 | 0 | 83 | 16 | 0 | 1 |
| Spain, Galicia | 76 | 20 | 4 | 0 | 100 | 0 | 0 | 0 | 50 | 33 | 18 | 0 | 66 | 28 | 6 | 0 | 81 | 17 | 2 | 0 | 90 | 10 | 0 | 0 | 76 | 21 | 3 | 0 | 75 | 18 | 7 | 0 | 82 | 15 | 3 | 0 | 74 | 22 | 5 | 0 |
| Spain, Community of Madrid | 77 | 16 | 8 | 0 | 46 | 23 | 31 | 0 | 67 | 19 | 14 | 0 | 68 | 23 | 10 | 0 | 78 | 16 | 6 | 0 | 89 | 8 | 3 | 0 | 77 | 16 | 7 | 0 | 75 | 16 | 9 | 0 | 82 | 15 | 3 | 0 | 75 | 16 | 9 | 0 |
| Spain, Region of Murcia | 84 | 13 | 3 | 0 | 0 | 0 | 100 | 0 | 70 | 13 | 17 | 0 | 85 | 13 | 2 | 0 | 84 | 16 | 0 | 0 | 93 | 7 | 0 | 0 | 83 | 14 | 3 | 0 | 87 | 10 | 3 | 0 | 93 | 2 | 5 | 0 | 81 | 16 | 3 | 0 |
| Spain, Navarre * † | 73 | 23 | 4 | 0 | | | | | 44 | 56 | 0 | 0 | 61 | 35 | 4 | 0 | 79 | 12 | 9 | 0 | 88 | 12 | 0 | 0 | 73 | 23 | 4 | 0 | 73 | 23 | 4 | 0 | 86 | 7 | 7 | 0 | 71 | 26 | 3 | 0 |
| Spain, Valencian region | 77 | 21 | 2 | 0 | 22 | 44 | 33 | 0 | 59 | 34 | 5 | 2 | 63 | 33 | 4 | 0 | 82 | 18 | 0 | 0 | 94 | 6 | 0 | 0 | 76 | 22 | 2 | 0 | 81 | 17 | 2 | 0 | 84 | 15 | 1 | 0 | 75 | 22 | 2 | 0 |
| Sweden | 61 | 30 | 9 | 0 | 26 | 37 | 37 | 0 | 55 | 28 | 17 | 0 | 56 | 29 | 15 | 0 | 64 | 33 | 3 | 0 | 72 | 28 | 1 | 0 | 62 | 31 | 8 | 0 | 60 | 29 | 11 | 0 | 67 | 28 | 5 | 0 | 59 | 31 | 10 | 0 |
| the Netherlands | 70 | 16 | 14 | 0 | 36 | 18 | 46 | 0 | 49 | 18 | 33 | 0 | 63 | 16 | 21 | 0 | 75 | 15 | 10 | 0 | 82 | 17 | 1 | 0 | 69 | 17 | 14 | 0 | 71 | 15 | 14 | 0 | 81 | 17 | 2 | 0 | 67 | 16 | 17 | 0 |
| United Kingdom, All countries * † | 70 | 20 | 10 | 0 | | | | | 49 | 28 | 23 | 0 | 66 | 20 | 14 | 0 | 75 | 20 | 5 | 0 | 84 | 15 | 1 | 0 | 71 | 20 | 9 | 0 | 69 | 20 | 11 | 0 | 73 | 22 | 5 | 0 | 69 | 20 | 11 | 0 |
| United Kingdom, England * † | 69 | 21 | 10 | 0 | | | | | 49 | 29 | 22 | 0 | 65 | 20 | 14 | 0 | 74 | 20 | 6 | 0 | 83 | 17 | 1 | 0 | 70 | 21 | 9 | 0 | 68 | 20 | 12 | 0 | 73 | 22 | 5 | 0 | 68 | 21 | 12 | 0 |
| United Kingdom, Northern Ireland * † | 75 | 12 | 13 | 0 | | | | | 35 | 17 | 48 | 0 | 67 | 12 | 21 | 0 | 79 | 18 | 3 | 0 | 95 | 5 | 0 | 0 | 75 | 14 | 10 | 0 | 74 | 8 | 18 | 0 | 79 | 15 | 5 | 0 | 73 | 11 | 16 | 0 |
| United Kingdom, Scotland | 75 | 15 | 10 | 0 | 54 | 23 | 23 | 0 | 57 | 17 | 26 | 0 | 74 | 16 | 10 | 0 | 85 | 13 | 2 | 0 | 87 | 12 | 1 | 0 | 78 | 13 | 10 | 0 | 72 | 19 | 9 | 0 | 78 | 17 | 5 | 0 | 74 | 14 | 11 | 0 |
| United Kingdom, Wales * † | 73 | 20 | 7 | 0 | | | | | 56 | 25 | 19 | 0 | 60 | 27 | 13 | 0 | 74 | 22 | 4 | 0 | 92 | 8 | 0 | 0 | 74 | 20 | 6 | 0 | 72 | 18 | 10 | 0 | 74 | 21 | 5 | 0 | 73 | 19 | 8 | 0 |

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

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

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

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

Table B.4.1

## Prevalent counts and percentages by age and gender

*prevalent patients on December 31*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Austria | 9038 | 5723 | 3315 | 103 | 1 | 69 | 1 | 34 | 1 | 1276 | 14 | 772 | 13 | 504 | 15 | 3723 | 41 | 2379 | 42 | 1344 | 41 | 2310 | 26 | 1537 | 27 | 773 | 23 | 1626 | 18 | 966 | 17 | 660 | 20 |
| Belgium, Dutch-speaking * | 7980 | 4756 | 3224 | | | | | | | 874 | 11 | 517 | 11 | 357 | 11 | 2665 | 33 | 1626 | 34 | 1039 | 32 | 1877 | 24 | 1154 | 24 | 723 | 22 | 2564 | 32 | 1459 | 31 | 1105 | 34 |
| Belgium, French-speaking * | 5983 | 3842 | 2141 | | | | | | | 728 | 12 | 454 | 12 | 274 | 13 | 2090 | 35 | 1346 | 35 | 744 | 35 | 1471 | 25 | 965 | 25 | 506 | 24 | 1694 | 28 | 1077 | 28 | 617 | 29 |
| Bosnia and Herzegovina | 2662 | 1569 | 1093 | 25 | 1 | 17 | 1 | 8 | 1 | 464 | 17 | 286 | 18 | 178 | 16 | 1116 | 42 | 689 | 44 | 427 | 39 | 618 | 23 | 338 | 22 | 280 | 26 | 439 | 16 | 239 | 15 | 200 | 18 |
| Denmark | 5164 | 3236 | 1928 | 82 | 2 | 49 | 2 | 33 | 2 | 955 | 18 | 593 | 18 | 362 | 19 | 2104 | 41 | 1311 | 41 | 793 | 41 | 1241 | 24 | 789 | 24 | 452 | 23 | 782 | 15 | 494 | 15 | 288 | 15 |
| Estonia | 834 | 476 | 358 | 6 | 1 | 3 | 1 | 3 | 1 | 172 | 21 | 95 | 20 | 77 | 22 | 365 | 44 | 227 | 48 | 138 | 39 | 162 | 19 | 89 | 19 | 73 | 20 | 129 | 15 | 62 | 13 | 67 | 19 |
| Finland | 4571 | 2916 | 1655 | 120 | 3 | 70 | 2 | 50 | 3 | 667 | 15 | 428 | 15 | 239 | 14 | 1948 | 43 | 1227 | 42 | 721 | 44 | 1161 | 25 | 749 | 26 | 412 | 25 | 675 | 15 | 442 | 15 | 233 | 14 |
| France | 80144 | 48719 | 31425 | 873 | 1 | 517 | 1 | 356 | 1 | 11674 | 15 | 7092 | 15 | 4582 | 15 | 30065 | 38 | 18366 | 38 | 11699 | 37 | 17649 | 22 | 11000 | 23 | 6649 | 21 | 19883 | 25 | 11744 | 24 | 8139 | 26 |
| Greece | 13101 | 8383 | 4718 | 97 | 1 | 58 | 1 | 39 | 1 | 1597 | 12 | 1020 | 12 | 577 | 12 | 4585 | 35 | 3039 | 36 | 1546 | 33 | 3104 | 24 | 1991 | 24 | 1113 | 24 | 3718 | 28 | 2275 | 27 | 1443 | 31 |
| Iceland | 221 | 133 | 88 | 7 | 3 | 5 | 4 | 2 | 2 | 56 | 25 | 29 | 22 | 27 | 31 | 73 | 33 | 46 | 35 | 27 | 31 | 52 | 24 | 31 | 23 | 21 | 24 | 33 | 15 | 22 | 17 | 11 | 13 |
| Montenegro * | 296 | 182 | 114 | | | | | | | 88 | 30 | 49 | 27 | 39 | 34 | 158 | 53 | 99 | 54 | 59 | 52 | 43 | 15 | 29 | 16 | 14 | 12 | 7 | 2 | 5 | 3 | 2 | 2 |
| Norway | 4716 | 3077 | 1639 | 77 | 2 | 46 | 1 | 31 | 2 | 842 | 18 | 532 | 17 | 310 | 19 | 1887 | 40 | 1250 | 41 | 637 | 39 | 1130 | 24 | 733 | 24 | 397 | 24 | 780 | 17 | 516 | 17 | 264 | 16 |
| Romania \|\| | 17620 | 9914 | 7706 | 126 | 1 | 66 | 1 | 60 | 1 | 2934 | 17 | 1777 | 18 | 1157 | 15 | 7495 | 43 | 4289 | 43 | 3206 | 42 | 4016 | 23 | 2223 | 22 | 1793 | 23 | 3049 | 17 | 1559 | 16 | 1490 | 19 |
| Serbia | 5860 | 3542 | 2316 | 39 | 1 | 18 | 1 | 21 | 1 | 1045 | 18 | 627 | 18 | 418 | 18 | 2731 | 47 | 1676 | 47 | 1054 | 46 | 1351 | 23 | 799 | 23 | 551 | 24 | 694 | 12 | 422 | 12 | 272 | 12 |
| Spain, Andalusia | 9537 | 5827 | 3710 | 88 | 1 | 57 | 1 | 31 | 1 | 1626 | 17 | 1019 | 17 | 607 | 16 | 3847 | 40 | 2433 | 42 | 1414 | 38 | 2227 | 23 | 1361 | 23 | 866 | 23 | 1749 | 18 | 957 | 16 | 792 | 21 |
| Spain, Aragon | 1524 | 983 | 541 | 11 | 1 | 6 | 1 | 5 | 1 | 203 | 13 | 117 | 12 | 86 | 16 | 595 | 39 | 398 | 40 | 197 | 36 | 337 | 22 | 229 | 23 | 108 | 20 | 378 | 25 | 233 | 24 | 145 | 27 |
| Spain, Asturias | 1228 | 800 | 428 | 8 | 1 | 6 | 1 | 2 | 0 | 136 | 11 | 87 | 11 | 49 | 11 | 530 | 43 | 348 | 44 | 182 | 43 | 283 | 23 | 192 | 24 | 91 | 21 | 271 | 22 | 167 | 21 | 104 | 24 |
| Spain, Basque country | 2571 | 1641 | 930 | 27 | 1 | 16 | 1 | 11 | 1 | 368 | 14 | 231 | 14 | 137 | 15 | 974 | 38 | 618 | 38 | 356 | 38 | 669 | 26 | 426 | 26 | 243 | 26 | 533 | 21 | 350 | 21 | 183 | 20 |
| Spain, Cantabria * | 601 | 410 | 191 | | | | | | | 86 | 14 | 53 | 13 | 33 | 17 | 256 | 43 | 173 | 42 | 83 | 43 | 150 | 25 | 106 | 26 | 44 | 23 | 109 | 18 | 78 | 19 | 31 | 16 |
| Spain, Castile and León * | 2696 | 1773 | 923 | | | | | | | 332 | 12 | 220 | 12 | 112 | 12 | 1036 | 38 | 687 | 39 | 349 | 38 | 617 | 23 | 412 | 23 | 205 | 22 | 711 | 26 | 454 | 26 | 257 | 28 |
| Spain, Castile-La Mancha * | 2180 | 1333 | 847 | | | | | | | 315 | 14 | 196 | 15 | 119 | 14 | 898 | 41 | 577 | 43 | 321 | 38 | 509 | 23 | 308 | 23 | 201 | 24 | 458 | 21 | 252 | 19 | 206 | 24 |
| Spain, Catalonia | 9863 | 6175 | 3688 | 118 | 1 | 66 | 1 | 52 | 1 | 1339 | 14 | 844 | 14 | 495 | 13 | 3624 | 37 | 2299 | 37 | 1325 | 36 | 2486 | 25 | 1602 | 26 | 884 | 24 | 2296 | 23 | 1364 | 22 | 932 | 25 |
| Spain, Extremadura | 1221 | 755 | 466 | 3 | 0 | 2 | 0 | 1 | 0 | 174 | 14 | 107 | 14 | 67 | 14 | 525 | 43 | 344 | 46 | 181 | 39 | 253 | 21 | 158 | 21 | 95 | 20 | 266 | 22 | 144 | 19 | 122 | 26 |
| Spain, Galicia | 3468 | 2199 | 1269 | 16 | 0 | 9 | 0 | 7 | 1 | 482 | 14 | 287 | 13 | 195 | 15 | 1356 | 39 | 881 | 40 | 475 | 37 | 889 | 26 | 576 | 26 | 313 | 25 | 725 | 21 | 446 | 20 | 279 | 22 |
| Spain, Community of Madrid | 6739 | 4217 | 2522 | 71 | 1 | 38 | 1 | 33 | 1 | 1012 | 15 | 590 | 14 | 422 | 17 | 2597 | 39 | 1655 | 39 | 942 | 37 | 1586 | 24 | 1036 | 25 | 550 | 22 | 1473 | 22 | 898 | 21 | 575 | 23 |
| Spain, Region of Murcia | 1845 | 1179 | 666 | 12 | 1 | 10 | 1 | 2 | 0 | 259 | 14 | 161 | 14 | 98 | 15 | 731 | 40 | 467 | 40 | 264 | 40 | 440 | 24 | 293 | 25 | 147 | 22 | 403 | 22 | 248 | 21 | 155 | 23 |
| Spain, Navarre * | 714 | 456 | 258 | | | | | | | 103 | 14 | 62 | 14 | 41 | 16 | 286 | 40 | 178 | 39 | 108 | 42 | 189 | 26 | 127 | 28 | 62 | 24 | 136 | 19 | 89 | 20 | 47 | 18 |
| Spain, Valencian region | 6495 | 4041 | 2454 | 67 | 1 | 45 | 1 | 22 | 1 | 865 | 13 | 535 | 13 | 330 | 13 | 2365 | 36 | 1485 | 37 | 880 | 36 | 1634 | 25 | 1057 | 26 | 577 | 24 | 1564 | 24 | 919 | 23 | 645 | 26 |
| Sweden | 9263 | 5952 | 3311 | 173 | 2 | 103 | 2 | 70 | 2 | 1501 | 16 | 923 | 16 | 578 | 17 | 3710 | 40 | 2359 | 40 | 1351 | 41 | 2341 | 25 | 1539 | 26 | 802 | 24 | 1538 | 17 | 1028 | 17 | 510 | 15 |
| the Netherlands | 16311 | 9758 | 6553 | 234 | 1 | 139 | 1 | 95 | 1 | 2657 | 16 | 1596 | 16 | 1061 | 16 | 6488 | 40 | 3880 | 40 | 2608 | 40 | 3942 | 24 | 2378 | 24 | 1564 | 24 | 2990 | 18 | 1765 | 18 | 1225 | 19 |
| United Kingdom, All countries * | 58807 | 35873 | 22934 | | | | | | | 11957 | 20 | 7138 | 20 | 4819 | 21 | 25324 | 43 | 15383 | 43 | 9941 | 43 | 12097 | 21 | 7357 | 21 | 4740 | 21 | 9429 | 16 | 5995 | 17 | 3434 | 15 |
| United Kingdom, England * | 49698 | 30369 | 19329 | | | | | | | 10050 | 20 | 6018 | 20 | 4032 | 21 | 21388 | 43 | 13011 | 43 | 8377 | 43 | 10269 | 21 | 6237 | 21 | 4032 | 21 | 7991 | 16 | 5103 | 17 | 2888 | 15 |
| United Kingdom, Northern Ireland * | 1598 | 988 | 610 | | | | | | | 352 | 22 | 206 | 21 | 146 | 24 | 651 | 41 | 416 | 42 | 235 | 39 | 311 | 19 | 193 | 20 | 118 | 19 | 284 | 18 | 173 | 18 | 111 | 18 |
| United Kingdom, Scotland | 4757 | 2792 | 1965 | 74 | 2 | 48 | 2 | 26 | 1 | 1019 | 21 | 592 | 21 | 427 | 22 | 2131 | 45 | 1243 | 45 | 888 | 45 | 907 | 19 | 549 | 20 | 358 | 18 | 626 | 13 | 360 | 13 | 266 | 14 |
| United Kingdom, Wales * | 2828 | 1772 | 1056 | | | | | | | 536 | 19 | 322 | 18 | 214 | 20 | 1154 | 41 | 713 | 40 | 441 | 42 | 610 | 22 | 378 | 21 | 232 | 22 | 528 | 19 | 359 | 20 | 169 | 16 |

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

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

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

Table B.4.2

## Prevalence per million (age-related) population by age and gender, unadjusted

*prevalent patients on December 31*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Austria | 1062.3 | 1377.3 | 761.6 | 61.0 | 79.6 | 41.4 | 447.8 | 539.5 | 355.3 | 1543.0 | 1987.2 | 1105.6 | 2674.1 | 3834.5 | 1669.5 | 2347.0 | 3720.4 | 1523.7 |
| Belgium, Dutch-speaking * | 1238.4 | 1493.6 | 989.1 | | | | 432.0 | 506.5 | 356.2 | 1489.4 | 1800.8 | 1172.2 | 3043.6 | 3872.6 | 2268.5 | 4153.0 | 5886.0 | 2990.5 |
| Belgium, French-speaking * | 1249.7 | 1643.3 | 874.0 | | | | 446.2 | 552.8 | 338.1 | 1694.6 | 2206.3 | 1193.7 | 3726.1 | 5292.7 | 2381.6 | 4412.9 | 7713.1 | 2526.2 |
| Bosnia and Herzegovina | 758.9 | 912.6 | 611.1 | 28.6 | 38.8 | 18.3 | 370.8 | 452.8 | 287.2 | 1252.6 | 1580.3 | 938.6 | 1737.4 | 2147.0 | 1412.2 | 3261.9 | 4290.2 | 2535.6 |
| Denmark | 906.0 | 1142.9 | 672.2 | 61.4 | 71.5 | 50.6 | 529.4 | 650.9 | 405.5 | 1387.7 | 1723.7 | 1049.5 | 1996.5 | 2610.6 | 1415.4 | 1854.8 | 2863.3 | 1156.3 |
| Estonia | 634.4 | 774.4 | 511.5 | 22.3 | 21.7 | 22.9 | 378.8 | 408.3 | 347.9 | 1051.7 | 1405.3 | 743.9 | 1286.5 | 1825.6 | 946.0 | 1091.9 | 1864.2 | 789.3 |
| Finland | 836.9 | 1085.6 | 596.3 | 99.5 | 113.6 | 84.8 | 394.2 | 493.4 | 289.9 | 1307.5 | 1654.4 | 963.7 | 1922.8 | 2627.9 | 1292.3 | 1435.7 | 2513.8 | 791.6 |
| France | 1209.5 | 1517.6 | 920.0 | 53.5 | 61.9 | 44.6 | 566.1 | 693.4 | 440.8 | 1741.0 | 2183.5 | 1320.7 | 2935.0 | 3897.2 | 2083.8 | 3298.6 | 5139.1 | 2174.8 |
| Greece | 1202.8 | 1584.4 | 842.3 | 45.5 | 53.2 | 37.5 | 441.4 | 561.6 | 320.2 | 1586.3 | 2188.6 | 1029.3 | 2842.4 | 3907.2 | 1910.8 | 3200.3 | 4669.6 | 2139.2 |
| Iceland | 675.0 | 809.7 | 539.4 | 78.5 | 109.8 | 45.8 | 491.5 | 499.8 | 482.8 | 907.2 | 1144.4 | 670.4 | 2143.7 | 2576.7 | 1717.7 | 1689.4 | 2591.0 | 996.2 |
| Montenegro * | 476.0 | 592.2 | 362.5 | | | | 409.6 | 452.3 | 366.2 | 956.6 | 1216.4 | 704.3 | 891.8 | 1371.7 | 517.1 | 196.0 | 345.5 | 94.1 |
| Norway | 918.0 | 1191.2 | 641.7 | 61.2 | 71.3 | 50.6 | 480.6 | 591.2 | 363.8 | 1447.1 | 1877.1 | 998.3 | 2424.7 | 3200.4 | 1675.1 | 2181.8 | 3604.6 | 1231.6 |
| Romania \|\| | 894.0 | 1029.6 | 764.4 | 30.5 | 31.1 | 29.9 | 420.9 | 495.0 | 342.2 | 1412.7 | 1656.3 | 1180.5 | 2268.9 | 2915.0 | 1779.8 | 1989.3 | 2752.0 | 1542.1 |
| Serbia | 821.8 | 1020.1 | 633.1 | 27.9 | 25.0 | 30.9 | 442.8 | 523.2 | 359.9 | 1319.5 | 1672.0 | 987.5 | 1860.9 | 2459.9 | 1373.5 | 1206.3 | 1866.8 | 778.8 |
| Spain, Andalusia | 1136.1 | 1403.4 | 874.6 | 48.4 | 60.9 | 35.1 | 537.7 | 663.2 | 408.0 | 1747.3 | 2224.0 | 1276.5 | 3153.5 | 4095.6 | 2316.2 | 2715.2 | 3778.6 | 2026.1 |
| Spain, Aragon | 1146.9 | 1490.3 | 808.4 | 44.5 | 47.0 | 41.7 | 457.6 | 510.9 | 400.7 | 1644.8 | 2175.3 | 1101.9 | 2678.5 | 3825.8 | 1637.3 | 2515.3 | 3867.7 | 1610.5 |
| Spain, Asturias | 1159.6 | 1577.4 | 775.6 | 52.2 | 76.2 | 26.8 | 403.4 | 510.8 | 293.8 | 1660.3 | 2237.9 | 1111.7 | 2502.8 | 3686.6 | 1492.0 | 1990.0 | 3303.6 | 1214.6 |
| Spain, Basque country | 1186.9 | 1559.9 | 834.7 | 68.6 | 79.1 | 57.5 | 535.1 | 663.8 | 403.2 | 1554.6 | 2006.3 | 1117.8 | 2975.1 | 4049.0 | 2030.8 | 2284.9 | 3960.3 | 1263.0 |
| Spain, Cantabria * | 1024.7 | 1429.4 | 637.3 | | | | 439.8 | 534.2 | 342.6 | 1507.1 | 2050.1 | 971.0 | 2700.4 | 4061.3 | 1494.2 | 1751.7 | 3307.2 | 802.2 |
| Spain, Castile and León * | 1084.1 | 1440.6 | 734.8 | | | | 428.1 | 551.8 | 297.3 | 1450.3 | 1884.8 | 997.6 | 2383.0 | 3281.3 | 1537.2 | 2127.5 | 3389.8 | 1283.3 |
| Spain, Castile-La Mancha * | 1053.7 | 1280.1 | 824.2 | | | | 429.6 | 514.9 | 337.5 | 1684.7 | 2105.9 | 1239.2 | 3030.0 | 3835.7 | 2292.1 | 2200.1 | 2917.0 | 1691.5 |
| Spain, Catalonia | 1311.8 | 1668.1 | 966.2 | 77.4 | 83.9 | 70.4 | 495.0 | 611.3 | 373.7 | 1857.5 | 2379.8 | 1345.2 | 3794.9 | 5232.3 | 2533.5 | 3365.6 | 5194.2 | 2221.2 |
| Spain, Extremadura | 1110.4 | 1383.8 | 841.1 | 14.1 | 18.4 | 9.7 | 464.2 | 557.1 | 366.5 | 1767.2 | 2264.2 | 1247.0 | 2585.6 | 3422.0 | 1838.4 | 2259.1 | 3091.9 | 1714.2 |
| Spain, Galicia | 1265.3 | 1659.4 | 896.3 | 37.0 | 40.3 | 33.5 | 538.0 | 635.3 | 439.1 | 1781.4 | 2355.5 | 1226.8 | 2917.4 | 4045.1 | 1928.1 | 2091.4 | 3340.5 | 1308.9 |
| Spain, Community of Madrid | 1044.1 | 1360.5 | 751.8 | 54.7 | 57.1 | 52.1 | 417.9 | 491.9 | 345.3 | 1545.0 | 2066.4 | 1070.4 | 2975.3 | 4308.8 | 1879.6 | 2831.9 | 4644.3 | 1759.6 |
| Spain, Region of Murcia | 1257.8 | 1602.1 | 911.2 | 35.5 | 57.5 | 12.2 | 467.2 | 559.1 | 367.8 | 2040.6 | 2598.5 | 1478.9 | 4058.4 | 5761.6 | 2553.7 | 3736.0 | 5708.1 | 2406.0 |
| Spain, Navarre * | 1121.9 | 1444.2 | 804.6 | | | | 480.8 | 567.0 | 390.8 | 1669.0 | 2047.9 | 1279.0 | 3226.8 | 4489.4 | 2047.4 | 2201.5 | 3662.6 | 1254.1 |
| Spain, Valencian region | 1297.7 | 1632.7 | 970.1 | 67.7 | 88.4 | 45.8 | 485.6 | 586.2 | 380.0 | 1777.4 | 2254.3 | 1309.8 | 3483.4 | 4782.7 | 2325.9 | 3604.8 | 5301.2 | 2475.9 |
| Sweden | 955.3 | 1228.9 | 682.3 | 78.7 | 91.0 | 65.6 | 473.2 | 570.1 | 372.1 | 1525.6 | 1923.0 | 1121.1 | 2197.5 | 2935.5 | 1482.4 | 1859.2 | 3011.9 | 1049.5 |
| the Netherlands | 967.2 | 1168.1 | 769.9 | 61.0 | 70.8 | 50.7 | 498.4 | 596.3 | 399.8 | 1370.5 | 1633.9 | 1105.4 | 2315.5 | 2847.9 | 1803.0 | 2371.3 | 3502.1 | 1618.4 |
| United Kingdom, All countries * | 910.4 | 1128.3 | 699.1 | | | | 557.6 | 666.2 | 449.1 | 1536.2 | 1894.1 | 1188.6 | 1952.6 | 2467.9 | 1474.7 | 1809.3 | 2777.1 | 1124.9 |
| United Kingdom, England * | 915.0 | 1134.3 | 701.8 | | | | 554.2 | 663.1 | 445.1 | 1557.1 | 1919.8 | 1203.8 | 1989.0 | 2507.7 | 1506.9 | 1826.6 | 2804.6 | 1130.2 |
| United Kingdom, Northern Ireland * | 868.2 | 1094.5 | 650.5 | | | | 576.6 | 685.3 | 471.2 | 1407.4 | 1821.4 | 1003.6 | 1957.5 | 2547.8 | 1419.6 | 2235.5 | 3398.2 | 1458.0 |
| United Kingdom, Scotland | 889.6 | 1075.3 | 714.2 | 63.6 | 80.7 | 45.7 | 584.6 | 690.4 | 482.2 | 1447.1 | 1732.9 | 1175.7 | 1694.8 | 2163.4 | 1272.3 | 1444.9 | 2079.3 | 1022.7 |
| United Kingdom, Wales * | 914.6 | 1164.8 | 672.3 | | | | 560.6 | 670.9 | 449.5 | 1418.2 | 1789.4 | 1062.0 | 1802.3 | 2300.1 | 1332.5 | 1911.0 | 3117.0 | 1048.9 |

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

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

Table B.4.3

## Gender, mean age, and median age

*prevalent patients on December 31*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Austria | 100 | 60.8 | 15.4 | 62.4 | 63.3 | 60.7 | 15.1 | 62.5 | 36.7 | 60.8 | 15.9 | 62.2 |
| Belgium, Dutch-speaking * | 100 | 65.5 | 15.3 | 67.3 | 59.6 | 65.1 | 15.1 | 66.8 | 40.4 | 66.1 | 15.6 | 68.1 |
| Belgium, French-speaking * | 100 | 64.6 | 15.4 | 66.0 | 64.2 | 64.6 | 15.2 | 66.1 | 35.8 | 64.6 | 15.8 | 66.0 |
| Bosnia and Herzegovina | 100 | 59.4 | 15.2 | 61.3 | 58.9 | 58.7 | 15.2 | 60.7 | 41.1 | 60.2 | 15.3 | 62.5 |
| Denmark | 100 | 58.4 | 16.2 | 60.1 | 62.7 | 58.5 | 16.1 | 60.4 | 37.3 | 58.1 | 16.2 | 59.9 |
| Estonia | 100 | 57.8 | 15.2 | 58.2 | 57.1 | 57.1 | 14.8 | 56.0 | 42.9 | 58.7 | 15.7 | 59.9 |
| Finland | 100 | 58.8 | 16.3 | 61.1 | 63.8 | 59.1 | 16.2 | 61.6 | 36.2 | 58.3 | 16.5 | 60.2 |
| France | 100 | 62.2 | 16.5 | 63.8 | 60.8 | 62.1 | 16.4 | 63.8 | 39.2 | 62.4 | 16.8 | 64.0 |
| Greece | 100 | 63.8 | 15.7 | 66.0 | 64.0 | 63.5 | 15.5 | 65.5 | 36.0 | 64.4 | 16.0 | 67.0 |
| Iceland | 100 | 56.0 | 18.0 | 57.1 | 60.2 | 56.6 | 18.2 | 58.3 | 39.8 | 55.1 | 17.7 | 56.8 |
| Montenegro * | 100 | 52.4 | 13.5 | 54.8 | 61.5 | 53.3 | 13.5 | 55.9 | 38.5 | 51.0 | 13.5 | 52.3 |
| Norway | 100 | 59.1 | 16.2 | 61.0 | 65.2 | 59.3 | 16.1 | 61.4 | 34.8 | 58.7 | 16.3 | 60.3 |
| Romania \|\| | 100 | 59.9 | 15.2 | 61.6 | 56.3 | 59.3 | 15.1 | 61.0 | 43.7 | 60.6 | 15.2 | 62.4 |
| Serbia | 100 | 58.3 | 14.3 | 60.5 | 60.4 | 58.5 | 14.2 | 60.6 | 39.5 | 58.1 | 14.6 | 60.2 |
| Spain, Andalusia | 100 | 60.0 | 15.7 | 61.4 | 61.1 | 59.4 | 15.5 | 60.4 | 38.9 | 60.9 | 16.0 | 62.9 |
| Spain, Aragon | 100 | 62.5 | 15.4 | 63.7 | 64.5 | 62.7 | 14.8 | 63.7 | 35.5 | 61.9 | 16.4 | 63.7 |
| Spain, Asturias | 100 | 62.4 | 14.6 | 63.0 | 65.1 | 62.5 | 14.5 | 62.8 | 34.9 | 62.3 | 14.8 | 63.2 |
| Spain, Basque country | 100 | 61.5 | 15.5 | 63.6 | 63.8 | 61.8 | 15.4 | 63.8 | 36.2 | 60.9 | 15.7 | 63.1 |
| Spain, Cantabria * | 100 | 61.0 | 14.7 | 62.0 | 68.2 | 61.6 | 14.5 | 62.4 | 31.8 | 59.7 | 15.1 | 60.3 |
| Spain, Castile and León * | 100 | 63.8 | 14.9 | 64.8 | 65.8 | 63.5 | 14.8 | 64.6 | 34.2 | 64.2 | 15.1 | 65.0 |
| Spain, Castile-La Mancha * | 100 | 61.6 | 14.7 | 62.5 | 61.1 | 61.1 | 14.4 | 61.8 | 38.9 | 62.3 | 15.0 | 64.1 |
| Spain, Catalonia | 100 | 62.3 | 15.9 | 64.3 | 62.6 | 62.1 | 15.6 | 64.2 | 37.4 | 62.6 | 16.2 | 64.7 |
| Spain, Extremadura | 100 | 61.4 | 15.1 | 61.7 | 61.8 | 60.7 | 14.6 | 60.9 | 38.2 | 62.4 | 15.9 | 63.7 |
| Spain, Galicia | 100 | 61.9 | 14.9 | 63.6 | 63.4 | 62.0 | 14.5 | 63.7 | 36.6 | 61.8 | 15.6 | 63.5 |
| Spain, Community of Madrid | 100 | 61.4 | 15.8 | 62.8 | 62.6 | 61.7 | 15.4 | 63.1 | 37.4 | 60.9 | 16.3 | 62.1 |
| Spain, Region of Murcia | 100 | 61.7 | 15.5 | 63.0 | 63.9 | 61.7 | 15.3 | 63.5 | 36.1 | 61.8 | 15.8 | 62.6 |
| Spain, Navarre * | 100 | 61.9 | 14.3 | 63.4 | 63.9 | 62.5 | 13.9 | 64.0 | 36.1 | 61.0 | 14.9 | 61.6 |
| Spain, Valencian region | 100 | 62.7 | 15.8 | 64.7 | 62.2 | 62.4 | 15.8 | 64.6 | 37.8 | 63.1 | 15.9 | 64.9 |
| Sweden | 100 | 59.5 | 16.2 | 61.7 | 64.3 | 60.0 | 16.0 | 62.2 | 35.7 | 58.7 | 16.5 | 60.7 |
| the Netherlands | 100 | 59.9 | 16.1 | 61.9 | 59.8 | 59.9 | 16.1 | 61.8 | 40.2 | 60.0 | 16.1 | 62.0 |
| United Kingdom, All countries * | 100 | 58.3 | 15.5 | 58.7 | 61.0 | 58.6 | 15.6 | 59.0 | 39.0 | 57.9 | 15.4 | 58.3 |
| United Kingdom, England * | 100 | 58.4 | 15.5 | 58.8 | 61.1 | 58.7 | 15.6 | 59.0 | 38.9 | 58.0 | 15.4 | 58.5 |
| United Kingdom, Northern Ireland * | 100 | 58.2 | 15.9 | 58.4 | 61.8 | 58.5 | 15.5 | 58.5 | 38.2 | 57.8 | 16.6 | 57.1 |
| United Kingdom, Scotland | 100 | 56.5 | 15.9 | 56.9 | 58.7 | 56.5 | 16.0 | 57.2 | 41.3 | 56.5 | 15.8 | 56.5 |
| United Kingdom, Wales * | 100 | 59.5 | 15.7 | 60.4 | 62.7 | 60.1 | 15.8 | 61.0 | 37.3 | 58.6 | 15.7 | 59.7 |

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

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

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

Table B.4.4

## Prevalence per million population and percentages by cause of renal failure, unadjusted

*prevalent patients on December 31*

| | 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 | 1062.3 | 100 | 244.8 | 23.0 | 76.9 | 7.2 | 72.4 | 6.8 | 58.1 | 5.5 | 152.4 | 14.4 | 210.5 | 19.8 | 87.1 | 8.2 | 77.1 | 7.3 | 191.5 | 18.0 | 102.0 | 9.6 | 0 | 0 |
| Belgium, Dutch-speaking * | 1238.4 | 100 | 216.0 | 17.4 | 92.0 | 7.4 | 122.3 | 9.9 | 52.6 | 4.2 | 161.4 | 13.0 | 214.0 | 17.3 | 98.1 | 7.9 | 66.1 | 5.3 | 312.7 | 25.3 | 117.2 | 9.5 | 0 | 0 |
| Belgium, French-speaking * | 1249.7 | 100 | 209.1 | 16.7 | 104.2 | 8.3 | 98.2 | 7.9 | 36.1 | 2.9 | 180.0 | 14.4 | 216.2 | 17.3 | 195.1 | 15.6 | 36.3 | 2.9 | 316.0 | 25.3 | 74.6 | 6.0 | 0 | 0 |
| Bosnia and Herzegovina | 758.9 | 100 | 151.4 | 19.9 | 122.0 | 16.1 | 39.6 | 5.2 | 106.3 | 14.0 | 36.5 | 4.8 | 142.8 | 18.8 | 81.2 | 10.7 | 6.8 | 0.9 | 145.7 | 19.2 | 69.3 | 9.1 | 0 | 0 |
| Denmark | 906.0 | 100 | 183.3 | 20.2 | 60.9 | 6.7 | 84.6 | 9.3 | 83.3 | 9.2 | 69.1 | 7.6 | 152.5 | 16.8 | 88.6 | 9.8 | 0.5 | 0.1 | 148.1 | 16.3 | 187.6 | 20.7 | 0 | 0 |
| Estonia | 634.4 | 100 | 165.1 | 26.0 | 102.7 | 16.2 | 55.5 | 8.8 | 117.9 | 18.6 | 0 | 0 | 117.9 | 18.6 | 15.2 | 2.4 | 104.2 | 16.4 | 73.8 | 11.6 | 0 | 0 | 0 | 0 |
| Finland | 836.9 | 100 | 177.2 | 21.2 | 74.2 | 8.9 | 111.5 | 13.3 | 131.8 | 15.8 | 81.8 | 9.8 | 213.7 | 25.5 | 30.2 | 3.6 | 4.2 | 0.5 | 145.7 | 17.4 | 80.2 | 9.6 | 0 | 0 |
| France | 1209.5 | 100 | 251.9 | 20.8 | 89.9 | 7.4 | 118.5 | 9.8 | | | | | 190.2 | 15.7 | 194.0 | 16.0 | 11.4 | 0.9 | 217.7 | 18.0 | 108.5 | 9.0 | 27.5 | 2.3 |
| Greece | 1202.8 | 100 | 213.6 | 17.8 | 80.0 | 6.6 | 97.8 | 8.1 | 24.6 | 2.0 | 195.6 | 16.3 | 220.2 | 18.3 | 109.3 | 9.1 | 19.7 | 1.6 | 118.0 | 9.8 | 344.2 | 28.6 | 0 | 0 |
| Iceland | 675.0 | 100 | 177.2 | 26.2 | 61.1 | 9.0 | 58.0 | 8.6 | 42.8 | 6.3 | 30.5 | 4.5 | 73.3 | 10.9 | 110.0 | 16.3 | 12.2 | 1.8 | 149.7 | 22.2 | 33.6 | 5.0 | 0 | 0 |
| Montenegro * | 476.0 | 100 | 128.7 | 27.0 | 33.8 | 7.1 | 38.6 | 8.1 | 25.7 | 5.4 | 49.9 | 10.5 | 75.6 | 15.9 | 112.6 | 23.6 | 0 | 0 | 62.7 | 13.2 | 22.5 | 4.7 | 1.6 | 0.3 |
| Norway | 918.0 | 100 | 262.8 | 28.6 | 72.6 | 7.9 | 97.9 | 10.7 | | | | | 122.2 | 13.3 | 162.0 | 17.6 | 6.6 | 0.7 | 173.1 | 18.9 | 20.8 | 2.3 | 0 | 0 |
| Romania \|\| | 894.0 | 100 | 188.6 | 21.1 | 90.4 | 10.1 | 47.7 | 5.3 | | | | | 96.2 | 10.8 | 47.6 | 5.3 | 5.9 | 0.7 | 128.5 | 14.4 | 288.9 | 32.3 | 0 | 0 |
| Serbia | 821.8 | 100 | 163.8 | 19.9 | 89.1 | 10.8 | 55.8 | 6.8 | 47.5 | 5.8 | 83.7 | 10.2 | 131.3 | 16.0 | 195.9 | 23.8 | 9.5 | 1.2 | 117.2 | 14.3 | 56.9 | 6.9 | 2.2 | 0.3 |
| Spain, Andalusia | 1136.1 | 100 | 144.6 | 12.7 | 117.6 | 10.3 | 109.8 | 9.7 | | | | | 170.0 | 15.0 | 88.6 | 7.8 | 0 | 0 | 156.7 | 13.8 | 348.8 | 30.7 | 0 | 0 |
| Spain, Aragon | 1146.9 | 100 | 217.5 | 19.0 | 70.0 | 6.1 | 97.8 | 8.5 | 76.8 | 6.7 | 124.9 | 10.9 | 201.7 | 17.6 | 124.9 | 10.9 | 28.6 | 2.5 | 151.3 | 13.2 | 255.1 | 22.2 | 0 | 0 |
| Spain, Asturias | 1159.6 | 100 | 238.9 | 20.6 | 82.2 | 7.1 | 128.4 | 11.1 | 57.6 | 5.0 | 132.2 | 11.4 | 189.8 | 16.4 | 155.8 | 13.4 | 12.3 | 1.1 | 177.5 | 15.3 | 174.7 | 15.1 | 0 | 0 |
| Spain, Basque country | 1186.9 | 100 | 191.6 | 16.1 | 118.2 | 10.0 | 138.0 | 11.6 | 40.6 | 3.4 | 81.3 | 6.8 | 121.9 | 10.3 | 125.1 | 10.5 | 40.2 | 3.4 | 145.0 | 12.2 | 292.2 | 24.6 | 14.8 | 1.2 |
| Spain, Cantabria * | 1024.7 | 100 | 318.8 | 31.1 | 83.5 | 8.2 | 105.7 | 10.3 | 56.3 | 5.5 | 88.7 | 8.7 | 144.9 | 14.1 | 119.3 | 11.6 | 78.4 | 7.7 | 121.1 | 11.8 | 40.9 | 4.0 | 11.9 | 1.2 |
| Spain, Castile and León * ‡ | 1084.1 | 100 | 117.4 | 10.8 | 55.1 | 5.1 | 94.1 | 8.7 | 70.8 | 6.5 | 117.0 | 10.8 | 187.8 | 17.3 | 132.3 | 12.2 | 0 | 0 | 132.7 | 12.2 | 364.7 | 33.6 | 0 | 0 |
| Spain, Castile-La Mancha * | 1053.7 | 100 | 217.0 | 20.6 | 127.6 | 12.1 | 118.9 | 11.3 | | | | | 161.9 | 15.4 | 69.1 | 6.6 | 15.9 | 1.5 | 118.4 | 11.2 | 224.7 | 21.3 | 0 | 0 |
| Spain, Catalonia | 1311.8 | 100 | 269.6 | 20.6 | 132.6 | 10.1 | 134.5 | 10.3 | 35.6 | 2.7 | 151.9 | 11.6 | 187.5 | 14.3 | 115.0 | 8.8 | 39.1 | 3.0 | 138.7 | 10.6 | 294.7 | 22.5 | 0 | 0 |
| Spain, Extremadura | 1110.4 | 100 | 215.5 | 19.4 | 88.2 | 7.9 | 112.8 | 10.2 | | | | | 173.7 | 15.6 | 66.4 | 6.0 | 20.0 | 1.8 | 111.9 | 10.1 | 309.2 | 27.8 | 12.7 | 1.1 |
| Spain, Galicia | 1265.3 | 100 | 245.2 | 19.4 | 87.6 | 6.9 | 139.7 | 11.0 | 54.0 | 4.3 | 164.9 | 13.0 | 218.9 | 17.3 | 99.2 | 7.8 | 35.4 | 2.8 | 176.2 | 13.9 | 263.0 | 20.8 | 0 | 0 |
| Spain, Community of Madrid | 1044.1 | 100 | 225.9 | 21.6 | 82.9 | 7.9 | 109.5 | 10.5 | 50.2 | 4.8 | 133.1 | 12.7 | 183.3 | 17.6 | 106.4 | 10.2 | 18.1 | 1.7 | 166.7 | 16.0 | 151.2 | 14.5 | 0 | 0 |
| Spain, Region of Murcia | 1257.8 | 100 | 331.3 | 26.3 | 106.4 | 8.5 | 68.9 | 5.5 | | | | | 171.1 | 13.6 | 69.5 | 5.5 | 66.1 | 5.3 | 182.7 | 14.5 | 261.8 | 20.8 | 0 | 0 |
| Spain, Navarre * | 1121.9 | 100 | 193.3 | 17.2 | 39.3 | 3.5 | 161.8 | 14.4 | 50.3 | 4.5 | 73.9 | 6.6 | 124.1 | 11.1 | 139.8 | 12.5 | 0 | 0 | 245.1 | 21.8 | 218.4 | 19.5 | 0 | 0 |
| Spain, Valencian region | 1297.7 | 100 | 243.6 | 18.8 | 128.5 | 9.9 | 111.5 | 8.6 | | | | | 170.4 | 13.1 | 166.2 | 12.8 | 45.2 | 3.5 | 149.5 | 11.5 | 282.9 | 21.8 | 0 | 0 |
| Sweden ‡ | 955.3 | 100 | 242.3 | 25.4 | 50.8 | 5.3 | 99.7 | 10.4 | | | | | 169.2 | 17.7 | 85.5 | 8.9 | 0.6 | 0.1 | 202.5 | 21.2 | 104.4 | 10.9 | 0.3 | 0 |
| the Netherlands | 967.2 | 100 | 155.6 | 16.1 | 69.6 | 7.2 | 77.9 | 8.1 | 37.1 | 3.8 | 81.0 | 8.4 | 118.1 | 12.2 | 105.8 | 10.9 | 60.0 | 6.2 | 184.0 | 19.0 | 112.5 | 11.6 | 83.7 | 8.7 |
| United Kingdom, All countries * | 910.4 | 100 | 172.3 | 18.9 | 97.0 | 10.7 | 86.6 | 9.5 | | | | | 147.0 | 16.1 | 55.6 | 6.1 | 17.0 | 1.9 | 161.2 | 17.7 | 144.0 | 15.8 | 29.8 | 3.3 |
| United Kingdom, England * | 915.0 | 100 | 167.9 | 18.4 | 92.8 | 10.1 | 84.3 | 9.2 | | | | | 148.1 | 16.2 | 59.3 | 6.5 | 16.5 | 1.8 | 162.4 | 17.8 | 148.7 | 16.2 | 35.0 | 3.8 |
| United Kingdom, Northern Ireland * | 868.2 | 100 | 169.0 | 19.5 | 138.0 | 15.9 | 109.2 | 12.6 | | | | | 132.0 | 15.2 | 35.9 | 4.1 | 14.7 | 1.7 | 165.7 | 19.1 | 100 | 11.5 | 3.8 | 0.4 |
| United Kingdom, Scotland | 889.6 | 100 | 195.0 | 21.9 | 124.9 | 14.0 | 100.8 | 11.3 | | | | | 135.4 | 15.2 | 35.2 | 4.0 | 16.6 | 1.9 | 170.4 | 19.2 | 111.3 | 12.5 | 0 | 0 |
| United Kingdom, Wales * | 914.6 | 100 | 217.3 | 23.8 | 101.2 | 11.1 | 90.2 | 9.9 | | | | | 156.2 | 17.1 | 37.2 | 4.1 | 27.5 | 3.0 | 135.5 | 14.8 | 145.2 | 15.9 | 4.2 | 0.5 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*

Table B.4.5

## Prevalence per million population by cause of renal failure, adjusted

*prevalent patients on December 31, adjusted for age and gender*

| | 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 | 1028.3 | 235.6 | 74.9 | 69.1 | 55.8 | 147.5 | 203.4 | 84.3 | 74.6 | 187.3 | 99.1 | 0 |
| Belgium, Dutch-speaking * | 1152.7 | 204.5 | 87.0 | 115.4 | 50.1 | 146.5 | 196.6 | 88.1 | 57.9 | 292.4 | 110.8 | 0 |
| Belgium, French-speaking * | 1316.6 | 220.2 | 109.7 | 103.8 | 37.8 | 193.9 | 231.7 | 204.3 | 37.8 | 330.5 | 78.5 | 0 |
| Bosnia and Herzegovina | 889.1 | 162.5 | 147.2 | 44.3 | 118.5 | 44.6 | 163.1 | 97.4 | 9.0 | 188.3 | 77.3 | 0 |
| Denmark | 894.9 | 183.3 | 61.4 | 81.1 | 82.5 | 65.8 | 148.3 | 86.1 | 0.5 | 148.2 | 186.1 | 0 |
| Estonia | 640.2 | 168.8 | 101.8 | 53.1 | 120.7 | 0 | 120.7 | 15.2 | 105.2 | 75.5 | 0 | 0 |
| Finland | 797.3 | 168.6 | 71.3 | 100.6 | 133.5 | 72.4 | 205.9 | 28.3 | 3.9 | 142.6 | 76.0 | 0 |
| France | 1208.8 | 257.5 | 92.2 | 118.4 | | | 188.7 | 184.3 | 11.2 | 222.1 | 106.5 | 27.9 |
| Greece | 1095.3 | 204.5 | 74.4 | 92.2 | 24.4 | 170.3 | 194.7 | 95.5 | 17.3 | 110.8 | 305.9 | 0 |
| Iceland | 762.1 | 196.3 | 71.1 | 64.5 | 45.8 | 37.3 | 83.1 | 130.0 | 16.9 | 160.4 | 39.8 | 0 |
| Montenegro * | 491.8 | 129.8 | 34.4 | 39.8 | 26.1 | 52.2 | 78.3 | 118.3 | 0 | 65.9 | 23.4 | 1.8 |
| Norway | 962.6 | 272.3 | 76.2 | 103.6 | | | 127.1 | 174.1 | 7.2 | 180.2 | 21.9 | 0 |
| Romania \|\| | 887.7 | 186.9 | 89.4 | 46.6 | | | 94.5 | 48.0 | 6.0 | 128.2 | 288.0 | 0 |
| Serbia | 762.7 | 157.2 | 83.8 | 49.5 | 46.0 | 73.6 | 119.6 | 179.3 | 8.7 | 109.2 | 53.3 | 2.0 |
| Spain, Andalusia | 1172.4 | 145.1 | 120.2 | 115.4 | | | 177.5 | 93.1 | 0 | 160.8 | 360.2 | 0 |
| Spain, Aragon | 1051.3 | 204.9 | 65.1 | 92.0 | 72.1 | 112.6 | 184.7 | 105.1 | 23.1 | 143.0 | 233.3 | 0 |
| Spain, Asturias | 972.5 | 204.7 | 74.2 | 106.9 | 50.1 | 108.1 | 158.2 | 117.5 | 9.8 | 155.7 | 145.5 | 0 |
| Spain, Basque country | 1068.2 | 175.7 | 109.0 | 122.4 | 37.2 | 70.7 | 107.9 | 107.6 | 34.4 | 136.2 | 262.2 | 12.9 |
| Spain, Cantabria * | 935.1 | 290.9 | 77.6 | 96.0 | 52.0 | 82.5 | 134.5 | 104.5 | 70.3 | 114.0 | 36.3 | 11.1 |
| Spain, Castile and León * ‡ | 908.5 | 102.8 | 47.3 | 82.0 | 62.3 | 91.3 | 153.6 | 96.6 | 0 | 113.5 | 312.6 | 0 |
| Spain, Castile-La Mancha * | 1059.9 | 221.0 | 126.2 | 123.6 | | | 165.5 | 67.1 | 15.6 | 119.7 | 221.1 | 0 |
| Spain, Catalonia | 1301.7 | 269.3 | 130.2 | 136.5 | 34.7 | 153.5 | 188.2 | 112.9 | 38.6 | 137.9 | 288.1 | 0 |
| Spain, Extremadura | 1052.5 | 207.9 | 84.1 | 111.4 | | | 161.8 | 61.4 | 17.1 | 107.8 | 288.0 | 13.0 |
| Spain, Galicia | 1093.3 | 221.6 | 78.4 | 123.0 | 50.7 | 131.8 | 182.5 | 79.3 | 26.2 | 162.5 | 219.8 | 0 |
| Spain, Community of Madrid | 1085.4 | 233.0 | 83.3 | 116.0 | 49.8 | 145.4 | 195.2 | 112.1 | 19.3 | 170.1 | 156.4 | 0 |
| Spain, Region of Murcia | 1393.2 | 363.3 | 113.8 | 75.9 | | | 192.0 | 77.7 | 75.0 | 199.9 | 295.7 | 0 |
| Spain, Navarre * | 1082.6 | 188.1 | 39.7 | 157.4 | 48.5 | 73.5 | 122.0 | 129.4 | 0 | 238.3 | 207.7 | 0 |
| Spain, Valencian region | 1260.9 | 237.4 | 125.6 | 109.8 | | | 166.4 | 159.4 | 43.7 | 146.2 | 272.5 | 0 |
| Sweden ‡ | 935.6 | 239.9 | 50.3 | 96.8 | | | 164.9 | 80.1 | 0.6 | 199.7 | 103.0 | 0.3 |
| the Netherlands | 952.7 | 152.0 | 69.2 | 74.2 | 36.3 | 78.8 | 115.1 | 104.8 | 60.2 | 182.5 | 112.4 | 82.3 |
| United Kingdom, All countries * | 931.5 | 176.8 | 99.9 | 88.7 | | | 150.4 | 56.4 | 16.8 | 165.5 | 146.6 | 30.3 |
| United Kingdom, England * | 940.4 | 172.9 | 95.8 | 87.0 | | | 152.5 | 60.5 | 16.4 | 167.4 | 152.0 | 35.8 |
| United Kingdom, Northern Ireland * | 939.3 | 180.6 | 148.2 | 117.8 | | | 142.5 | 40.4 | 16.7 | 179.9 | 109.3 | 4.1 |
| United Kingdom, Scotland | 879.8 | 193.7 | 125.1 | 96.7 | | | 133.7 | 34.0 | 16.2 | 169.1 | 111.3 | 0 |
| United Kingdom, Wales * | 896.1 | 215.0 | 104.1 | 87.3 | | | 151.8 | 35.6 | 24.5 | 134.7 | 138.8 | 4.3 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off or a limited number of cases (<10%) with diabetes mellitus type unknown; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*‡ Mapping the 2012 Primary Renal Disease (PRD) codes to the old PRD codes results in a different distribution of PRD groups*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*

Table B.4.6

## Prevalent counts by established therapy

*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 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| Austria | 9038 | 2936 | 4 | 3 | 5 | 1025 | 3973 | 193 | 193 | 8 | 394 | 702 | 3965 | 3 | 4670 | 1 | 0 |
| Belgium, Dutch-speaking * | 7980 | 2510 | 56 | 0 | 8 | 1669 | 4243 | 236 | 107 | 0 | 343 | 198 | 3191 | 5 | 3394 | 0 | 0 |
| Belgium, French-speaking * | 5983 | 2267 | 48 | 0 | 39 | 785 | 3139 | 159 | 116 | 0 | 275 | 180 | 1982 | 280 | 2442 | 2 | 125 |
| Bosnia and Herzegovina | 2662 | 2112 | 0 | 0 | 0 | 248 | 2360 | 3 | 75 | 3 | 81 | 152 | 64 | 5 | 221 | 0 | 0 |
| Denmark | 5164 | 1899 | 142 | 0 | | | 2041 | 353 | 198 | 0 | 551 | 981 | 1575 | 2 | 2558 | 14 | 0 |
| Estonia | 834 | 287 | 0 | 0 | 1 | 15 | 303 | 45 | 4 | 0 | 49 | 2 | 480 | 0 | 482 | 0 | 0 |
| Finland | 4571 | 874 | 112 | 0 | 0 | 478 | 1464 | 211 | 128 | 0 | 339 | 207 | 2551 | 10 | 2768 | 0 | 0 |
| France | 80144 | 30094 | 249 | 110 | 67 | 10794 | 41314 | 1194 | 1772 | 0 | 2966 | 3207 | 29825 | 2460 | 35492 | 372 | 0 |
| Greece | 13101 | 7317 | 1 | 0 | 1 | 2445 | 9764 | 400 | 285 | 0 | 685 | 1085 | 1567 | 0 | 2652 | 0 | 0 |
| Iceland | 221 | 57 | 0 | 0 | | | 57 | | | 16 | 16 | 103 | 45 | 0 | 148 | 0 | 0 |
| Montenegro * | 296 | 184 | 0 | 0 | 0 | 0 | 184 | 0 | 2 | 0 | 2 | 85 | 25 | 0 | 110 | 0 | 0 |
| Norway | 4716 | 1136 | 15 | 1 | | | 1152 | | | 188 | 188 | 1369 | 2001 | 6 | 3376 | 0 | 0 |
| Romania \|\| | 17620 | 14611 | 7 | 2 | 8 | 58 | 14686 | 67 | 1394 | 0 | 1461 | 290 | 458 | 715 | 1463 | 10 | 0 |
| Serbia | 5860 | 3814 | 29 | 9 | 23 | 673 | 4548 | 31 | 446 | 2 | 479 | 503 | 328 | 0 | 831 | 2 | 0 |
| Spain, Andalusia | 9537 | 4103 | 12 | 0 | | | 4115 | | | 441 | 441 | 352 | 4629 | 0 | 4981 | 0 | 0 |
| Spain, Aragon | 1524 | 442 | 2 | 0 | | 85 | 529 | 19 | 69 | 0 | 88 | 69 | 838 | 0 | 907 | 0 | 0 |
| Spain, Asturias | 1228 | 441 | 1 | 0 | 0 | 5 | 447 | 49 | 61 | 0 | 110 | 30 | 641 | 0 | 671 | 0 | 0 |
| Spain, Basque country | 2571 | 785 | 4 | 0 | | | 789 | 27 | 166 | 0 | 193 | 92 | 1487 | 0 | 1579 | 10 | 0 |
| Spain, Cantabria * | 601 | 196 | 0 | 0 | | | 196 | 6 | 28 | 0 | 34 | 24 | 346 | 0 | 370 | 1 | 0 |
| Spain, Castile and León * | 2696 | 1076 | 2 | 0 | | | 1078 | 66 | 104 | 0 | 170 | 0 | 1448 | 0 | 1448 | 0 | 0 |
| Spain, Castile-La Mancha * | 2180 | 822 | 4 | 0 | | | 826 | 36 | 88 | 0 | 124 | | | 1226 | 1226 | 4 | 0 |
| Spain, Catalonia | 9863 | 1746 | 5 | 0 | | 2476 | 4227 | 177 | 181 | 0 | 358 | 972 | 4306 | 0 | 5278 | 0 | 0 |
| Spain, Extremadura | 1221 | 579 | 11 | 0 | | | 590 | 24 | 50 | 0 | 74 | 13 | 230 | 314 | 557 | 0 | 0 |
| Spain, Galicia | 3468 | 1525 | 7 | 0 | 0 | 8 | 1540 | 113 | 162 | 0 | 275 | 161 | 1449 | 42 | 1652 | 1 | 0 |
| Spain, Community of Madrid | 6739 | 2462 | 16 | 98 | | | 2576 | 100 | 203 | 68 | 371 | 202 | 3508 | 82 | 3792 | 0 | 0 |
| Spain, Region of Murcia | 1845 | 950 | 0 | 0 | | | 950 | 11 | 80 | 0 | 91 | 48 | 756 | 0 | 804 | 0 | 0 |
| Spain, Navarre * | 714 | 237 | 14 | 0 | | | 251 | | | 31 | 31 | 21 | 407 | 4 | 432 | 0 | 0 |
| Spain, Valencian region | 6495 | 3387 | 16 | 0 | | | 3403 | 38 | 388 | 0 | 426 | 71 | 1844 | 750 | 2665 | 1 | 0 |
| Sweden | 9263 | 0 | 142 | 2926 | | | 3068 | | | 823 | 823 | 2305 | 3066 | 0 | 5371 | 1 | 0 |
| the Netherlands | 16311 | 5359 | 247 | 0 | | | 5606 | 452 | 422 | 0 | 874 | 4629 | 5189 | 13 | 9831 | 0 | 0 |
| United Kingdom, All countries * § | 58807 | 20317 | 1204 | 36 | 22 | 2590 | 24169 | 1882 | 1683 | 68 | 3633 | 9554 | 20516 | 926 | 30996 | 9 | 0 |
| United Kingdom, England * | 49698 | 16967 | 1027 | 17 | 21 | 2524 | 20556 | 1638 | 1475 | 66 | 3179 | 8108 | 17022 | 824 | 25954 | 9 | 0 |
| United Kingdom, Northern Ireland * | 1598 | 565 | 23 | 19 | 0 | 28 | 635 | 57 | 4 | 1 | 62 | 314 | 525 | 62 | 901 | 0 | 0 |
| United Kingdom, Scotland | 4757 | 1812 | 60 | 0 | | | 1872 | 140 | 69 | 0 | 209 | 748 | 1895 | 33 | 2676 | 0 | 0 |
| United Kingdom, Wales * | 2828 | 981 | 94 | 0 | 1 | 38 | 1114 | 52 | 135 | 1 | 188 | 417 | 1102 | 7 | 1526 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.4.7

## Prevalence per million population by 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 | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Austria | 1062.3 | 345.1 | 0.5 | 0.4 | 0.6 | 120.5 | 467.0 | 22.7 | 22.7 | 0.9 | 46.3 | 82.5 | 466.0 | 0.4 | 548.9 | 0.1 | 0 |
| Belgium, Dutch-speaking * | 1238.4 | 389.5 | 8.7 | 0 | 1.2 | 259.0 | 658.5 | 36.6 | 16.6 | 0 | 53.2 | 30.7 | 495.2 | 0.8 | 526.7 | 0 | 0 |
| Belgium, French-speaking * | 1249.7 | 473.5 | 10.0 | 0 | 8.1 | 164.0 | 655.7 | 33.2 | 24.2 | 0 | 57.4 | 37.6 | 414.0 | 58.5 | 510.1 | 0.4 | 26.1 |
| Bosnia and Herzegovina | 758.9 | 602.1 | 0 | 0 | 0 | 70.7 | 672.8 | 0.9 | 21.4 | 0.9 | 23.1 | 43.3 | 18.2 | 1.4 | 63.0 | 0 | 0 |
| Denmark | 906.0 | 333.2 | 24.9 | 0 | | | 358.1 | 61.9 | 34.7 | 0 | 96.7 | 172.1 | 276.3 | 0.4 | 448.8 | 2.5 | 0 |
| Estonia | 634.4 | 218.3 | 0 | 0 | 0.8 | 11.4 | 230.5 | 34.2 | 3.0 | 0 | 37.3 | 1.5 | 365.1 | 0 | 366.7 | 0 | 0 |
| Finland | 836.9 | 160.0 | 20.5 | 0 | 0 | 87.5 | 268.1 | 38.6 | 23.4 | 0 | 62.1 | 37.9 | 467.1 | 1.8 | 506.8 | 0 | 0 |
| France | 1209.5 | 454.2 | 3.8 | 1.7 | 1.0 | 162.9 | 623.5 | 18.0 | 26.7 | 0 | 44.8 | 48.4 | 450.1 | 37.1 | 535.6 | 5.6 | 0 |
| Greece | 1202.8 | 671.8 | 0.1 | 0 | 0.1 | 224.5 | 896.4 | 36.7 | 26.2 | 0 | 62.9 | 99.6 | 143.9 | 0 | 243.5 | 0 | 0 |
| Iceland | 675.0 | 174.1 | 0 | 0 | | | 174.1 | | | 48.9 | 48.9 | 314.6 | 137.5 | 0 | 452.1 | 0 | 0 |
| Montenegro * | 476.0 | 295.9 | 0 | 0 | 0 | 0 | 295.9 | 0 | 3.2 | 0 | 3.2 | 136.7 | 40.2 | 0 | 176.9 | 0 | 0 |
| Norway | 918.0 | 221.1 | 2.9 | 0.2 | | | 224.2 | | | 36.6 | 36.6 | 266.5 | 389.5 | 1.2 | 657.2 | 0 | 0 |
| Romania \|\| | 894.0 | 741.3 | 0.4 | 0.1 | 0.4 | 2.9 | 745.1 | 3.4 | 70.7 | 0 | 74.1 | 14.7 | 23.2 | 36.3 | 74.2 | 0.5 | 0 |
| Serbia | 821.8 | 534.9 | 4.1 | 1.3 | 3.2 | 94.4 | 637.8 | 4.3 | 62.5 | 0.3 | 67.2 | 70.5 | 46.0 | 0 | 116.5 | 0.3 | 0 |
| Spain, Andalusia | 1136.1 | 488.8 | 1.4 | 0 | | | 490.2 | | | 52.5 | 52.5 | 41.9 | 551.4 | 0 | 593.4 | 0 | 0 |
| Spain, Aragon | 1146.9 | 332.6 | 1.5 | 0 | | 64.0 | 398.1 | 14.3 | 51.9 | 0 | 66.2 | 51.9 | 630.6 | 0 | 682.5 | 0 | 0 |
| Spain, Asturias | 1159.6 | 416.4 | 0.9 | 0 | 0 | 4.7 | 422.1 | 46.3 | 57.6 | 0 | 103.9 | 28.3 | 605.3 | 0 | 633.6 | 0 | 0 |
| Spain, Basque country | 1186.9 | 362.4 | 1.8 | 0 | | | 364.2 | 12.5 | 76.6 | 0 | 89.1 | 42.5 | 686.5 | 0 | 728.9 | 4.6 | 0 |
| Spain, Cantabria * | 1024.7 | 334.2 | 0 | 0 | | | 334.2 | 10.2 | 47.7 | 0 | 58.0 | 40.9 | 589.9 | 0 | 630.8 | 1.7 | 0 |
| Spain, Castile and León * | 1084.1 | 432.7 | 0.8 | 0 | | | 433.5 | 26.5 | 41.8 | 0 | 68.4 | 0 | 582.3 | 0 | 582.3 | 0 | 0 |
| Spain, Castile-La Mancha * | 1053.7 | 397.3 | 1.9 | 0 | | | 399.2 | 17.4 | 42.5 | 0 | 59.9 | | | 592.6 | 592.6 | 1.9 | 0 |
| Spain, Catalonia | 1311.8 | 232.2 | 0.7 | 0 | | 329.3 | 562.2 | 23.5 | 24.1 | 0 | 47.6 | 129.3 | 572.7 | 0 | 702.0 | 0 | 0 |
| Spain, Extremadura | 1110.4 | 526.5 | 10.0 | 0 | | | 536.5 | 21.8 | 45.5 | 0 | 67.3 | 11.8 | 209.2 | 285.6 | 506.5 | 0 | 0 |
| Spain, Galicia | 1265.3 | 556.4 | 2.6 | 0 | 0 | 2.9 | 561.9 | 41.2 | 59.1 | 0 | 100.3 | 58.7 | 528.7 | 15.3 | 602.7 | 0.4 | 0 |
| Spain, Community of Madrid | 1044.1 | 381.4 | 2.5 | 15.2 | | | 399.1 | 15.5 | 31.5 | 10.5 | 57.5 | 31.3 | 543.5 | 12.7 | 587.5 | 0 | 0 |
| Spain, Region of Murcia | 1257.8 | 647.7 | 0 | 0 | | | 647.7 | 7.5 | 54.5 | 0 | 62.0 | 32.7 | 515.4 | 0 | 548.1 | 0 | 0 |
| Spain, Navarre * | 1121.9 | 372.4 | 22.0 | 0 | | | 394.4 | | | 48.7 | 48.7 | 33.0 | 639.5 | 6.3 | 678.8 | 0 | 0 |
| Spain, Valencian region | 1297.7 | 676.7 | 3.2 | 0 | | | 679.9 | 7.6 | 77.5 | 0 | 85.1 | 14.2 | 368.4 | 149.9 | 532.5 | 0.2 | 0 |
| Sweden | 955.3 | 0 | 14.6 | 301.8 | | | 316.4 | | | 84.9 | 84.9 | 237.7 | 316.2 | 0 | 553.9 | 0.1 | 0 |
| the Netherlands | 967.2 | 317.8 | 14.6 | 0 | | | 332.4 | 26.8 | 25.0 | 0 | 51.8 | 274.5 | 307.7 | 0.8 | 582.9 | 0 | 0 |
| United Kingdom, All countries * § | 910.4 | 314.5 | 18.6 | 0.6 | 0.3 | 40.1 | 374.2 | 29.1 | 26.1 | 1.1 | 56.2 | 147.9 | 317.6 | 14.3 | 479.8 | 0.1 | 0 |
| United Kingdom, England * | 915.0 | 312.4 | 18.9 | 0.3 | 0.4 | 46.5 | 378.4 | 30.2 | 27.2 | 1.2 | 58.5 | 149.3 | 313.4 | 15.2 | 477.8 | 0.2 | 0 |
| United Kingdom, Northern Ireland * | 868.2 | 307.0 | 12.5 | 10.3 | 0 | 15.2 | 345.0 | 31.0 | 2.2 | 0.5 | 33.7 | 170.6 | 285.2 | 33.7 | 489.5 | 0 | 0 |
| United Kingdom, Scotland | 889.6 | 338.8 | 11.2 | 0 | | | 350.1 | 26.2 | 12.9 | 0 | 39.1 | 139.9 | 354.4 | 6.2 | 500.4 | 0 | 0 |
| United Kingdom, Wales * | 914.6 | 317.3 | 30.4 | 0 | 0.3 | 12.3 | 360.3 | 16.8 | 43.7 | 0.3 | 60.8 | 134.9 | 356.4 | 2.3 | 493.5 | 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 overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.4.8

## Prevalence per million population by established therapy, adjusted

*prevalent patients on December 31, adjusted for age and gender*

| | Total | Haemodialysis | | | | | | Peritoneal dialysis | | | | Transplant | | | | Unkn | Missing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HD hospital/ centre | HD home | HD type Unkn | HF | HDF | Total HD/ HF/HDF | APD | CAPD | PD type Unkn | Total PD | Living | Deceased | Tx type Unkn | Total Tx | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Austria | 1028.3 | 335.0 | 0.5 | 0.3 | 0.6 | 116.5 | 452.8 | 22.0 | 21.9 | 0.9 | 44.9 | 80.8 | 449.4 | 0.4 | 530.5 | 0.1 | 0 |
| Belgium, Dutch-speaking * | 1152.7 | 351.4 | 8.2 | 0 | 1.1 | 233.4 | 594.1 | 34.7 | 15.7 | 0 | 50.3 | 31.6 | 476.0 | 0.7 | 508.3 | 0 | 0 |
| Belgium, French-speaking * | 1316.6 | 496.6 | 10.6 | 0 | 8.4 | 174.2 | 689.8 | 35.3 | 26.2 | 0 | 61.5 | 38.8 | 436.9 | 62.1 | 537.9 | 0.4 | 27.1 |
| Bosnia and Herzegovina | 889.1 | 724.0 | 0 | 0 | 0 | 77.6 | 801.6 | 0.9 | 22.1 | 0.8 | 23.8 | 43.3 | 18.9 | 1.5 | 63.7 | 0 | 0 |
| Denmark | 894.9 | 328.6 | 24.5 | 0 | | | 353.1 | 60.0 | 33.9 | 0 | 93.9 | 174.6 | 270.7 | 0.3 | 445.6 | 2.3 | 0 |
| Estonia | 640.2 | 219.2 | 0 | 0 | 0.6 | 11.6 | 231.4 | 34.2 | 2.9 | 0 | 37.2 | 1.6 | 370.0 | 0 | 371.6 | 0 | 0 |
| Finland | 797.3 | 150.2 | 20.4 | 0 | 0 | 82.0 | 252.6 | 36.6 | 22.1 | 0 | 58.8 | 37.3 | 447.0 | 1.8 | 486.0 | 0 | 0 |
| France | 1208.8 | 444.2 | 3.9 | 1.7 | 1.0 | 158.2 | 608.9 | 18.0 | 25.0 | 0 | 43.0 | 51.2 | 462.3 | 37.7 | 551.2 | 5.7 | 0 |
| Greece | 1095.3 | 586.8 | 0.1 | 0 | 0.1 | 210.8 | 797.8 | 34.2 | 23.5 | 0 | 57.7 | 99.9 | 139.9 | 0 | 239.7 | 0 | 0 |
| Iceland | 762.1 | 209.0 | 0 | 0 | | | 209.0 | | | 58.7 | 58.7 | 344.6 | 149.9 | 0 | 494.5 | 0 | 0 |
| Montenegro * | 491.8 | 306.2 | 0 | 0 | 0 | 0 | 306.2 | 0 | 3.4 | 0 | 3.4 | 138.4 | 43.8 | 0 | 182.2 | 0 | 0 |
| Norway | 962.6 | 235.9 | 3.0 | 0.2 | | | 239.1 | | | 40.0 | 40.0 | 273.1 | 409.2 | 1.2 | 683.5 | 0 | 0 |
| Romania \|\| | 887.7 | 736.4 | 0.3 | 0.1 | 0.4 | 2.9 | 740.1 | 3.5 | 70.3 | 0 | 73.7 | 14.5 | 23.0 | 35.9 | 73.4 | 0.5 | 0 |
| Serbia | 762.7 | 486.9 | 3.7 | 1.2 | 2.9 | 88.2 | 582.9 | 4.1 | 58.0 | 0.3 | 62.5 | 72.4 | 44.6 | 0 | 117.0 | 0.3 | 0 |
| Spain, Andalusia | 1172.4 | 512.3 | 1.4 | 0 | | | 513.7 | | | 54.5 | 54.5 | 41.5 | 562.7 | 0 | 604.2 | 0 | 0 |
| Spain, Aragon | 1051.3 | 282.7 | 1.2 | 0 | | 57.9 | 341.8 | 12.9 | 48.3 | 0 | 61.2 | 51.4 | 596.8 | 0 | 648.2 | 0 | 0 |
| Spain, Asturias | 972.5 | 331.3 | 0.8 | 0 | 0 | 3.8 | 335.8 | 40.7 | 45.8 | 0 | 86.4 | 25.9 | 524.3 | 0 | 550.2 | 0 | 0 |
| Spain, Basque country | 1068.2 | 309.6 | 1.6 | 0 | | | 311.2 | 11.8 | 67.3 | 0 | 79.1 | 41.5 | 632.6 | 0 | 674.0 | 3.9 | 0 |
| Spain, Cantabria * | 935.1 | 292.1 | 0 | 0 | | | 292.1 | 9.3 | 42.8 | 0 | 52.1 | 41.1 | 548.2 | 0 | 589.4 | 1.6 | 0 |
| Spain, Castile and León * | 908.5 | 327.0 | 0.9 | 0 | | | 327.9 | 22.2 | 33.2 | 0 | 55.4 | 0 | 525.1 | 0 | 525.1 | 0 | 0 |
| Spain, Castile-La Mancha * | 1059.9 | 387.6 | 1.8 | 0 | | | 389.4 | 17.4 | 42.6 | 0 | 60.0 | | | 608.4 | 608.4 | 2.0 | 0 |
| Spain, Catalonia | 1301.7 | 226.3 | 0.6 | 0 | | 321.4 | 548.4 | 23.7 | 23.6 | 0 | 47.3 | 127.6 | 578.4 | 0 | 706.0 | 0 | 0 |
| Spain, Extremadura | 1052.5 | 481.2 | 9.5 | 0 | | | 490.6 | 21.5 | 43.7 | 0 | 65.2 | 11.7 | 207.1 | 277.9 | 496.7 | 0 | 0 |
| Spain, Galicia | 1093.3 | 447.2 | 2.3 | 0 | 0 | 2.6 | 452.2 | 37.0 | 50.5 | 0 | 87.4 | 57.2 | 480.1 | 16.0 | 553.2 | 0.4 | 0 |
| Spain, Community of Madrid | 1085.4 | 400.0 | 2.5 | 16.1 | | | 418.6 | 16.0 | 32.5 | 11.1 | 59.6 | 31.2 | 562.8 | 13.2 | 607.2 | 0 | 0 |
| Spain, Region of Murcia | 1393.2 | 726.2 | 0 | 0 | | | 726.2 | 7.5 | 61.7 | 0 | 69.1 | 34.2 | 563.7 | 0 | 597.9 | 0 | 0 |
| Spain, Navarre * | 1082.6 | 351.5 | 20.9 | 0 | | | 372.3 | | | 46.7 | 46.7 | 32.7 | 624.3 | 6.6 | 663.6 | 0 | 0 |
| Spain, Valencian region | 1260.9 | 653.0 | 3.1 | 0 | | | 656.1 | 7.6 | 75.3 | 0 | 82.9 | 14.2 | 360.8 | 146.8 | 521.8 | 0.2 | 0 |
| Sweden | 935.6 | 0 | 14.8 | 288.0 | | | 302.7 | | | 80.6 | 80.6 | 241.2 | 311.0 | 0 | 552.2 | 0.1 | 0 |
| the Netherlands | 952.7 | 319.1 | 14.4 | 0 | | | 333.4 | 26.4 | 24.8 | 0 | 51.2 | 269.0 | 298.3 | 0.8 | 568.0 | 0 | 0 |
| United Kingdom, All countries * § | 931.5 | 318.1 | 19.1 | 0.6 | 0.3 | 40.5 | 378.7 | 29.6 | 26.3 | 1.1 | 57.0 | 153.5 | 327.3 | 14.8 | 495.6 | 0.1 | 0 |
| United Kingdom, England * | 940.4 | 317.7 | 19.5 | 0.3 | 0.4 | 47.2 | 385.1 | 30.8 | 27.6 | 1.3 | 59.7 | 155.2 | 324.4 | 15.7 | 495.4 | 0.2 | 0 |
| United Kingdom, Northern Ireland * | 939.3 | 338.7 | 13.2 | 11.9 | 0 | 16.6 | 380.4 | 33.8 | 2.5 | 0.6 | 36.8 | 181.0 | 305.8 | 35.4 | 522.1 | 0 | 0 |
| United Kingdom, Scotland | 879.8 | 331.4 | 10.9 | 0 | | | 342.2 | 25.8 | 12.5 | 0 | 38.3 | 141.5 | 351.6 | 6.2 | 499.3 | 0 | 0 |
| United Kingdom, Wales * | 896.1 | 296.5 | 30.3 | 0 | 0.3 | 11.6 | 338.8 | 16.1 | 40.5 | 0.3 | 56.9 | 140.8 | 357.3 | 2.3 | 500.4 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.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 | 32.5 | 0 | 0 | 0.1 | 11.3 | 44.0 | 2.1 | 2.1 | 0.1 | 4.4 | 7.8 | 43.9 | 0 | 51.7 | 0 | 0 |
| Belgium, Dutch-speaking * | 100 | 31.5 | 0.7 | 0 | 0.1 | 20.9 | 53.2 | 3.0 | 1.3 | 0 | 4.3 | 2.5 | 40.0 | 0.1 | 42.5 | 0 | 0 |
| Belgium, French-speaking * | 100 | 37.9 | 0.8 | 0 | 0.7 | 13.1 | 52.5 | 2.7 | 1.9 | 0 | 4.6 | 3.0 | 33.1 | 4.7 | 40.8 | 0 | 2.1 |
| Bosnia and Herzegovina | 100 | 79.3 | 0 | 0 | 0 | 9.3 | 88.7 | 0.1 | 2.8 | 0.1 | 3.0 | 5.7 | 2.4 | 0.2 | 8.3 | 0 | 0 |
| Denmark | 100 | 36.8 | 2.7 | 0 | | | 39.5 | 6.8 | 3.8 | 0 | 10.7 | 19.0 | 30.5 | 0 | 49.5 | 0.3 | 0 |
| Estonia | 100 | 34.4 | 0 | 0 | 0.1 | 1.8 | 36.3 | 5.4 | 0.5 | 0 | 5.9 | 0.2 | 57.6 | 0 | 57.8 | 0 | 0 |
| Finland | 100 | 19.1 | 2.5 | 0 | 0 | 10.5 | 32.0 | 4.6 | 2.8 | 0 | 7.4 | 4.5 | 55.8 | 0.2 | 60.6 | 0 | 0 |
| France | 100 | 37.5 | 0.3 | 0.1 | 0.1 | 13.5 | 51.5 | 1.5 | 2.2 | 0 | 3.7 | 4.0 | 37.2 | 3.1 | 44.3 | 0.5 | 0 |
| Greece | 100 | 55.9 | 0 | 0 | 0 | 18.7 | 74.5 | 3.1 | 2.2 | 0 | 5.2 | 8.3 | 12.0 | 0 | 20.2 | 0 | 0 |
| Iceland | 100 | 25.8 | 0 | 0 | | | 25.8 | | | 7.2 | 7.2 | 46.6 | 20.4 | 0 | 67.0 | 0 | 0 |
| Montenegro * | 100 | 62.2 | 0 | 0 | 0 | 0 | 62.2 | 0 | 0.7 | 0 | 0.7 | 28.7 | 8.4 | 0 | 37.2 | 0 | 0 |
| Norway | 100 | 24.1 | 0.3 | 0 | | | 24.4 | | | 4.0 | 4.0 | 29.0 | 42.4 | 0.1 | 71.6 | 0 | 0 |
| Romania \|\| | 100 | 82.9 | 0 | 0 | 0 | 0.3 | 83.3 | 0.4 | 7.9 | 0 | 8.3 | 1.6 | 2.6 | 4.1 | 8.3 | 0.1 | 0 |
| Serbia | 100 | 65.1 | 0.5 | 0.2 | 0.4 | 11.5 | 77.6 | 0.5 | 7.6 | 0 | 8.2 | 8.6 | 5.6 | 0 | 14.2 | 0 | 0 |
| Spain, Andalusia | 100 | 43.0 | 0.1 | 0 | | | 43.1 | | | 4.6 | 4.6 | 3.7 | 48.5 | 0 | 52.2 | 0 | 0 |
| Spain, Aragon | 100 | 29.0 | 0.1 | 0 | | 5.6 | 34.7 | 1.2 | 4.5 | 0 | 5.8 | 4.5 | 55.0 | 0 | 59.5 | 0 | 0 |
| Spain, Asturias | 100 | 35.9 | 0.1 | 0 | 0 | 0.4 | 36.4 | 4.0 | 5.0 | 0 | 9.0 | 2.4 | 52.2 | 0 | 54.6 | 0 | 0 |
| Spain, Basque country | 100 | 30.5 | 0.2 | 0 | | | 30.7 | 1.1 | 6.5 | 0 | 7.5 | 3.6 | 57.8 | 0 | 61.4 | 0.4 | 0 |
| Spain, Cantabria * | 100 | 32.6 | 0 | 0 | | | 32.6 | 1.0 | 4.7 | 0 | 5.7 | 4.0 | 57.6 | 0 | 61.6 | 0.2 | 0 |
| Spain, Castile and León * | 100 | 39.9 | 0.1 | 0 | | | 40.0 | 2.4 | 3.9 | 0 | 6.3 | 0 | 53.7 | 0 | 53.7 | 0 | 0 |
| Spain, Castile-La Mancha * | 100 | 37.7 | 0.2 | 0 | | | 37.9 | 1.7 | 4.0 | 0 | 5.7 | | | 56.2 | 56.2 | 0.2 | 0 |
| Spain, Catalonia | 100 | 17.7 | 0.1 | 0 | | 25.1 | 42.9 | 1.8 | 1.8 | 0 | 3.6 | 9.9 | 43.7 | 0 | 53.5 | 0 | 0 |
| Spain, Extremadura | 100 | 47.4 | 0.9 | 0 | | | 48.3 | 2.0 | 4.1 | 0 | 6.1 | 1.1 | 18.8 | 25.7 | 45.6 | 0 | 0 |
| Spain, Galicia | 100 | 44.0 | 0.2 | 0 | 0 | 0.2 | 44.4 | 3.3 | 4.7 | 0 | 7.9 | 4.6 | 41.8 | 1.2 | 47.6 | 0 | 0 |
| Spain, Community of Madrid | 100 | 36.5 | 0.2 | 1.5 | | | 38.2 | 1.5 | 3.0 | 1.0 | 5.5 | 3.0 | 52.1 | 1.2 | 56.3 | 0 | 0 |
| Spain, Region of Murcia | 100 | 51.5 | 0 | 0 | | | 51.5 | 0.6 | 4.3 | 0 | 4.9 | 2.6 | 41.0 | 0 | 43.6 | 0 | 0 |
| Spain, Navarre * | 100 | 33.2 | 2.0 | 0 | | | 35.2 | | | 4.3 | 4.3 | 2.9 | 57.0 | 0.6 | 60.5 | 0 | 0 |
| Spain, Valencian region | 100 | 52.1 | 0.2 | 0 | | | 52.4 | 0.6 | 6.0 | 0 | 6.6 | 1.1 | 28.4 | 11.5 | 41.0 | 0 | 0 |
| Sweden | 100 | 0 | 1.5 | 31.6 | | | 33.1 | | | 8.9 | 8.9 | 24.9 | 33.1 | 0 | 58.0 | 0 | 0 |
| the Netherlands | 100 | 32.9 | 1.5 | 0 | | | 34.4 | 2.8 | 2.6 | 0 | 5.4 | 28.4 | 31.8 | 0.1 | 60.3 | 0 | 0 |
| United Kingdom, All countries * § | 100 | 34.5 | 2.0 | 0.1 | 0 | 4.4 | 41.1 | 3.2 | 2.9 | 0.1 | 6.2 | 16.2 | 34.9 | 1.6 | 52.7 | 0 | 0 |
| United Kingdom, England * | 100 | 34.1 | 2.1 | 0 | 0 | 5.1 | 41.4 | 3.3 | 3.0 | 0.1 | 6.4 | 16.3 | 34.3 | 1.7 | 52.2 | 0 | 0 |
| United Kingdom, Northern Ireland * | 100 | 35.4 | 1.4 | 1.2 | 0 | 1.8 | 39.7 | 3.6 | 0.3 | 0.1 | 3.9 | 19.6 | 32.9 | 3.9 | 56.4 | 0 | 0 |
| United Kingdom, Scotland | 100 | 38.1 | 1.3 | 0 | | | 39.4 | 2.9 | 1.5 | 0 | 4.4 | 15.7 | 39.8 | 0.7 | 56.3 | 0 | 0 |
| United Kingdom, Wales * | 100 | 34.7 | 3.3 | 0 | 0 | 1.3 | 39.4 | 1.8 | 4.8 | 0 | 6.6 | 14.7 | 39.0 | 0.2 | 54.0 | 0 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*
** Patients younger than 20 years of age are not reported*
*|| The overall prevalence of RRT is underestimated by approximately 3% due to an estimated 30% underreporting of patients living on a functioning graft*
*§ HDF is not accurately captured from some units and so usage may be an underestimate for the UK*

Table B.4.10

## Percentages of established therapy by age, gender, and primary diagnosis, unadjusted

*prevalent patients on December 31*

| | Total | | | | 0-19 | | | | 20-44 | | | | 45-64 | | | | 65-74 | | | | 75+ | | | | Men | | | | Women | | | | DM | | | | Non DM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un | HD | PD | Tx | Un |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Austria | 44 | 4 | 52 | 0 | 10 | 9 | 82 | 0 | 28 | 5 | 67 | 0 | 34 | 5 | 61 | 0 | 48 | 4 | 48 | 0 | 75 | 4 | 21 | 0 | 44 | 4 | 52 | 0 | 44 | 4 | 52 | 0 | 58 | 4 | 38 | 0 | 40 | 4 | 55 | 0 |
| Belgium, Dutch-speaking * | 53 | 4 | 43 | 0 | | | | | 27 | 7 | 66 | 0 | 32 | 5 | 63 | 0 | 51 | 4 | 45 | 0 | 85 | 3 | 12 | 0 | 53 | 5 | 43 | 0 | 54 | 4 | 42 | 0 | 72 | 4 | 24 | 0 | 49 | 4 | 46 | 0 |
| Belgium, French-speaking * | 52 | 5 | 41 | 2 | | | | | 31 | 4 | 61 | 4 | 38 | 4 | 55 | 3 | 53 | 5 | 41 | 2 | 80 | 6 | 14 | 0 | 54 | 5 | 39 | 2 | 49 | 5 | 43 | 2 | 71 | 5 | 22 | 2 | 49 | 5 | 45 | 2 |
| Bosnia and Herzegovina | 89 | 3 | 8 | 0 | 48 | 12 | 40 | 0 | 70 | 5 | 24 | 0 | 90 | 3 | 8 | 0 | 95 | 3 | 1 | 0 | 99 | 1 | 0 | 0 | 88 | 3 | 10 | 0 | 90 | 4 | 6 | 0 | 92 | 5 | 3 | 0 | 88 | 3 | 9 | 0 |
| Denmark | 40 | 11 | 50 | 0 | 6 | 4 | 90 | 0 | 22 | 6 | 72 | 0 | 31 | 8 | 61 | 0 | 48 | 15 | 36 | 0 | 73 | 18 | 9 | 0 | 40 | 11 | 48 | 0 | 39 | 9 | 52 | 0 | 54 | 12 | 34 | 1 | 37 | 10 | 53 | 0 |
| Estonia | 36 | 6 | 58 | 0 | 33 | 17 | 50 | 0 | 20 | 3 | 76 | 0 | 27 | 4 | 69 | 0 | 43 | 7 | 49 | 0 | 76 | 11 | 13 | 0 | 35 | 6 | 59 | 0 | 39 | 6 | 56 | 0 | 28 | 9 | 63 | 0 | 38 | 5 | 57 | 0 |
| Finland | 32 | 7 | 61 | 0 | 3 | 8 | 89 | 0 | 22 | 6 | 71 | 0 | 25 | 7 | 68 | 0 | 37 | 7 | 56 | 0 | 59 | 11 | 30 | 0 | 34 | 8 | 58 | 0 | 28 | 7 | 64 | 0 | 40 | 9 | 51 | 0 | 29 | 7 | 64 | 0 |
| France | 52 | 4 | 44 | 0 | 17 | 5 | 78 | 0 | 31 | 3 | 66 | 0 | 39 | 3 | 58 | 1 | 54 | 3 | 42 | 0 | 82 | 6 | 12 | 0 | 51 | 3 | 45 | 0 | 52 | 4 | 43 | 0 | 73 | 4 | 22 | 0 | 47 | 4 | 48 | 1 |
| Greece | 75 | 5 | 20 | 0 | 26 | 19 | 56 | 0 | 50 | 5 | 45 | 0 | 65 | 5 | 30 | 0 | 80 | 6 | 14 | 0 | 94 | 4 | 2 | 0 | 75 | 5 | 20 | 0 | 73 | 6 | 21 | 0 | 89 | 7 | 4 | 0 | 71 | 5 | 24 | 0 |
| Iceland | 26 | 7 | 67 | 0 | 29 | 0 | 71 | 0 | 14 | 4 | 82 | 0 | 14 | 7 | 79 | 0 | 25 | 8 | 67 | 0 | 73 | 15 | 12 | 0 | 26 | 6 | 68 | 0 | 25 | 9 | 66 | 0 | 29 | 8 | 63 | 0 | 25 | 7 | 68 | 0 |
| Montenegro * | 62 | 1 | 37 | 0 | | | | | 36 | 0 | 64 | 0 | 70 | 1 | 30 | 0 | 86 | 2 | 12 | 0 | 71 | 0 | 29 | 0 | 60 | 0 | 40 | 0 | 65 | 2 | 33 | 0 | 68 | 0 | 32 | 0 | 61 | 1 | 38 | 0 |
| Norway | 24 | 4 | 72 | 0 | 3 | 1 | 96 | 0 | 17 | 2 | 81 | 0 | 17 | 2 | 80 | 0 | 25 | 4 | 70 | 0 | 51 | 10 | 40 | 0 | 25 | 4 | 71 | 0 | 23 | 5 | 72 | 0 | 34 | 4 | 61 | 0 | 23 | 4 | 73 | 0 |
| Romania \|\| | 83 | 8 | 8 | 0 | 64 | 22 | 13 | 0 | 68 | 7 | 24 | 0 | 83 | 8 | 9 | 0 | 90 | 9 | 1 | 0 | 90 | 10 | 0 | 0 | 83 | 8 | 9 | 0 | 84 | 9 | 7 | 0 | 87 | 10 | 3 | 0 | 83 | 8 | 9 | 0 |
| Serbia | 78 | 8 | 14 | 0 | 38 | 0 | 62 | 0 | 54 | 8 | 38 | 0 | 78 | 8 | 14 | 0 | 88 | 9 | 2 | 0 | 91 | 9 | 0 | 0 | 79 | 7 | 14 | 0 | 76 | 10 | 14 | 0 | 78 | 16 | 7 | 0 | 78 | 7 | 16 | 0 |
| Spain, Andalusia | 43 | 5 | 52 | 0 | 8 | 5 | 88 | 0 | 26 | 4 | 70 | 0 | 31 | 5 | 64 | 0 | 49 | 5 | 47 | 0 | 81 | 5 | 14 | 0 | 43 | 4 | 53 | 0 | 44 | 5 | 51 | 0 | 63 | 6 | 31 | 0 | 40 | 4 | 56 | 0 |
| Spain, Aragon | 35 | 6 | 60 | 0 | 0 | 9 | 91 | 0 | 13 | 5 | 82 | 0 | 22 | 7 | 72 | 0 | 36 | 5 | 60 | 0 | 67 | 6 | 27 | 0 | 34 | 5 | 60 | 0 | 35 | 6 | 58 | 0 | 53 | 9 | 38 | 0 | 31 | 5 | 64 | 0 |
| Spain, Asturias | 36 | 9 | 55 | 0 | 0 | 25 | 75 | 0 | 23 | 4 | 74 | 0 | 28 | 9 | 64 | 0 | 33 | 12 | 55 | 0 | 65 | 8 | 27 | 0 | 37 | 9 | 54 | 0 | 35 | 8 | 57 | 0 | 50 | 13 | 37 | 0 | 34 | 8 | 58 | 0 |
| Spain, Basque country | 31 | 8 | 61 | 0 | 0 | 0 | 100 | 0 | 15 | 5 | 79 | 1 | 20 | 8 | 72 | 0 | 33 | 8 | 59 | 0 | 60 | 8 | 31 | 1 | 33 | 7 | 60 | 0 | 27 | 8 | 64 | 0 | 53 | 12 | 34 | 0 | 28 | 7 | 64 | 0 |
| Spain, Cantabria * | 33 | 6 | 62 | 0 | | | | | 20 | 5 | 76 | 0 | 22 | 4 | 74 | 0 | 31 | 6 | 63 | 0 | 70 | 11 | 19 | 0 | 34 | 6 | 60 | 0 | 30 | 5 | 64 | 0 | 53 | 2 | 44 | 1 | 29 | 6 | 65 | 0 |
| Spain, Castile and León * | 40 | 6 | 54 | 0 | | | | | 21 | 6 | 73 | 0 | 24 | 6 | 70 | 0 | 40 | 6 | 54 | 0 | 72 | 8 | 20 | 0 | 41 | 7 | 52 | 0 | 37 | 6 | 57 | 0 | 58 | 8 | 34 | 0 | 36 | 6 | 58 | 0 |
| Spain, Castile-La Mancha * | 38 | 6 | 56 | 0 | | | | | 22 | 8 | 70 | 0 | 29 | 7 | 65 | 0 | 36 | 4 | 60 | 0 | 69 | 4 | 27 | 0 | 38 | 6 | 56 | 0 | 37 | 6 | 57 | 0 | 57 | 7 | 35 | 0 | 34 | 5 | 60 | 0 |
| Spain, Catalonia | 43 | 4 | 54 | 0 | 8 | 3 | 89 | 0 | 21 | 3 | 76 | 0 | 29 | 3 | 68 | 0 | 44 | 5 | 51 | 0 | 78 | 3 | 19 | 0 | 43 | 4 | 53 | 0 | 43 | 3 | 54 | 0 | 64 | 5 | 31 | 0 | 39 | 3 | 57 | 0 |
| Spain, Extremadura | 48 | 6 | 46 | 0 | 33 | 0 | 67 | 0 | 25 | 6 | 68 | 0 | 36 | 8 | 56 | 0 | 53 | 5 | 42 | 0 | 83 | 4 | 13 | 0 | 48 | 7 | 45 | 0 | 48 | 5 | 47 | 0 | 72 | 7 | 21 | 0 | 44 | 6 | 50 | 0 |
| Spain, Galicia | 44 | 8 | 48 | 0 | 25 | 0 | 75 | 0 | 24 | 8 | 67 | 0 | 29 | 8 | 62 | 0 | 49 | 8 | 43 | 0 | 81 | 7 | 12 | 0 | 45 | 8 | 47 | 0 | 44 | 8 | 48 | 0 | 63 | 10 | 27 | 0 | 40 | 7 | 52 | 0 |
| Spain, Community of Madrid | 38 | 6 | 56 | 0 | 13 | 7 | 80 | 0 | 22 | 6 | 72 | 0 | 27 | 6 | 67 | 0 | 40 | 6 | 55 | 0 | 69 | 3 | 27 | 0 | 39 | 6 | 55 | 0 | 37 | 5 | 58 | 0 | 56 | 7 | 37 | 0 | 34 | 5 | 60 | 0 |
| Spain, Region of Murcia | 51 | 5 | 44 | 0 | 0 | 17 | 83 | 0 | 33 | 5 | 62 | 0 | 36 | 5 | 59 | 0 | 54 | 6 | 40 | 0 | 90 | 3 | 6 | 0 | 52 | 5 | 42 | 0 | 50 | 4 | 45 | 0 | 72 | 4 | 24 | 0 | 48 | 5 | 47 | 0 |
| Spain, Navarre * | 35 | 4 | 61 | 0 | | | | | 21 | 6 | 73 | 0 | 25 | 5 | 70 | 0 | 35 | 3 | 62 | 0 | 67 | 4 | 29 | 0 | 37 | 5 | 58 | 0 | 32 | 3 | 65 | 0 | 53 | 3 | 44 | 0 | 33 | 5 | 63 | 0 |
| Spain, Valencian region | 52 | 7 | 41 | 0 | 13 | 12 | 75 | 0 | 29 | 8 | 63 | 0 | 40 | 7 | 53 | 0 | 52 | 7 | 41 | 0 | 86 | 4 | 10 | 0 | 53 | 7 | 40 | 0 | 52 | 6 | 42 | 0 | 71 | 7 | 23 | 0 | 50 | 7 | 44 | 0 |
| Sweden | 33 | 9 | 58 | 0 | 8 | 8 | 84 | 0 | 20 | 6 | 74 | 0 | 25 | 6 | 69 | 0 | 35 | 11 | 54 | 0 | 66 | 15 | 19 | 0 | 34 | 9 | 57 | 0 | 32 | 8 | 60 | 0 | 44 | 12 | 44 | 0 | 31 | 8 | 61 | 0 |
| the Netherlands | 34 | 5 | 60 | 0 | 9 | 5 | 85 | 0 | 18 | 3 | 79 | 0 | 23 | 4 | 73 | 0 | 37 | 6 | 56 | 0 | 72 | 8 | 20 | 0 | 34 | 5 | 61 | 0 | 35 | 5 | 60 | 0 | 54 | 7 | 39 | 0 | 32 | 5 | 63 | 0 |
| United Kingdom, All countries * | 41 | 6 | 53 | 0 | | | | | 23 | 5 | 72 | 0 | 32 | 5 | 63 | 0 | 49 | 8 | 43 | 0 | 78 | 9 | 13 | 0 | 41 | 6 | 52 | 0 | 41 | 6 | 53 | 0 | 58 | 8 | 34 | 0 | 38 | 6 | 56 | 0 |
| United Kingdom, England * | 41 | 6 | 52 | 0 | | | | | 24 | 5 | 71 | 0 | 32 | 5 | 62 | 0 | 49 | 8 | 43 | 0 | 78 | 9 | 13 | 0 | 42 | 7 | 52 | 0 | 41 | 6 | 53 | 0 | 58 | 9 | 33 | 0 | 38 | 6 | 56 | 0 |
| United Kingdom, Northern Ireland * | 40 | 4 | 56 | 0 | | | | | 17 | 3 | 80 | 0 | 27 | 3 | 70 | 0 | 56 | 5 | 39 | 0 | 79 | 7 | 14 | 0 | 40 | 4 | 56 | 0 | 40 | 3 | 57 | 0 | 65 | 5 | 30 | 0 | 35 | 4 | 61 | 0 |
| United Kingdom, Scotland | 39 | 4 | 56 | 0 | 11 | 7 | 82 | 0 | 21 | 3 | 76 | 0 | 32 | 4 | 65 | 0 | 54 | 6 | 40 | 0 | 77 | 6 | 17 | 0 | 39 | 4 | 57 | 0 | 40 | 5 | 55 | 0 | 58 | 7 | 35 | 0 | 36 | 4 | 60 | 0 |
| United Kingdom, Wales * | 39 | 7 | 54 | 0 | | | | | 23 | 4 | 73 | 0 | 28 | 6 | 66 | 0 | 43 | 9 | 48 | 0 | 77 | 8 | 15 | 0 | 39 | 7 | 54 | 0 | 40 | 6 | 54 | 0 | 53 | 7 | 40 | 0 | 37 | 6 | 57 | 0 |

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

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

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

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

Table B.5.1

## Renal transplants performed by donor type, counts and percentages

| | Total | | Living | | | | | | | | Deceased | | Donor type Unkn | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Related | | Unrelated | | Type Unkn | | All | | | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Austria § | 434 | 100 | 32 | 7.4 | 35 | 8.1 | 0 | 0 | 67 | 15.4 | 367 | 84.6 | 0 | 0 |
| Belgium, Dutch-speaking * | 250 | 100 | 11 | 4.4 | 8 | 3.2 | 1 | 0.4 | 20 | 8.0 | 230 | 92.0 | 0 | 0 |
| Belgium, French-speaking * | 168 | 100 | 14 | 8.3 | 6 | 3.6 | 0 | 0 | 20 | 11.9 | 148 | 88.1 | 0 | 0 |
| Bosnia and Herzegovina | 28 | 100 | 17 | 60.7 | 1 | 3.6 | 3 | 10.7 | 21 | 75.0 | 7 | 25.0 | 0 | 0 |
| Denmark | 250 | 100 | 63 | 25.2 | 47 | 18.8 | 0 | 0 | 110 | 44.0 | 140 | 56.0 | 0 | 0 |
| Estonia | 32 | 100 | 0 | 0 | 1 | 3.1 | 0 | 0 | 1 | 3.1 | 31 | 96.9 | 0 | 0 |
| Finland | 240 | 100 | 13 | 5.4 | 2 | 0.8 | 0 | 0 | 15 | 6.3 | 225 | 93.8 | 0 | 0 |
| France | 3234 | 100 | 514 | 15.9 | 0 | 0 | 0 | 0 | 514 | 15.9 | 2717 | 84.0 | 3 | 0.1 |
| Greece | 137 | 100 | 44 | 32.1 | 1 | 0.7 | 0 | 0 | 45 | 32.8 | 92 | 67.2 | 0 | 0 |
| Iceland | 8 | 100 | 6 | 75.0 | 2 | 25.0 | 0 | 0 | 8 | 100 | 0 | 0 | 0 | 0 |
| Montenegro * | 9 | 100 | 0 | 0 | 0 | 0 | 9 | 100 | 9 | 100 | 0 | 0 | 0 | 0 |
| Norway | 274 | 100 | 50 | 18.2 | 18 | 6.6 | 0 | 0 | 68 | 24.8 | 206 | 75.2 | 0 | 0 |
| Romania \|\| | 224 | 100 | 38 | 17.0 | 1 | 0.4 | 2 | 0.9 | 41 | 18.3 | 150 | 67.0 | 33 | 14.7 |
| Serbia | 69 | 100 | 20 | 29.0 | 3 | 4.3 | 5 | 7.2 | 28 | 40.6 | 41 | 59.4 | 0 | 0 |
| Spain, Andalusia | 466 | 100 | 35 | 7.5 | 27 | 5.8 | 0 | 0 | 62 | 13.3 | 404 | 86.7 | 0 | 0 |
| Spain, Aragon | 84 | 100 | 14 | 16.7 | 1 | 1.2 | 0 | 0 | 15 | 17.9 | 69 | 82.1 | 0 | 0 |
| Spain, Asturias | 52 | 100 | 1 | 1.9 | 1 | 1.9 | 0 | 0 | 2 | 3.8 | 50 | 96.2 | 0 | 0 |
| Spain, Basque country | 127 | 100 | 0 | 0 | 0 | 0 | 30 | 23.6 | 30 | 23.6 | 97 | 76.4 | 0 | 0 |
| Spain, Cantabria * | 46 | 100 | 2 | 4.3 | 2 | 4.3 | 0 | 0 | 4 | 8.7 | 42 | 91.3 | 0 | 0 |
| Spain, Castile and León * | 126 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 | 100 | 0 | 0 |
| Spain, Castile-La Mancha * | 95 | 100 | | | | | | | | | | | 95 | 100 |
| Spain, Catalonia | 604 | 100 | 165 | 27.3 | 0 | 0 | 0 | 0 | 165 | 27.3 | 439 | 72.7 | 0 | 0 |
| Spain, Extremadura | 57 | 100 | 5 | 8.8 | 0 | 0 | 0 | 0 | 5 | 8.8 | 44 | 77.2 | 8 | 14.0 |
| Spain, Galicia | 141 | 100 | | | | | 32 | 22.7 | 32 | 22.7 | 109 | 77.3 | 0 | 0 |
| Spain, Community of Madrid | 393 | 100 | 21 | 5.3 | 4 | 1.0 | 0 | 0 | 25 | 6.4 | 368 | 93.6 | 0 | 0 |
| Spain, Region of Murcia | 58 | 100 | 2 | 3.4 | 4 | 6.9 | 4 | 6.9 | 10 | 17.2 | 48 | 82.8 | 0 | 0 |
| Spain, Navarre * | 40 | 100 | 2 | 5.0 | 1 | 2.5 | 0 | 0 | 3 | 7.5 | 34 | 85.0 | 3 | 7.5 |
| Spain, Valencian region | 228 | 100 | 26 | 11.4 | 3 | 1.3 | 0 | 0 | 29 | 12.7 | 199 | 87.3 | 0 | 0 |
| Sweden | 439 | 100 | 68 | 15.5 | 84 | 19.1 | 0 | 0 | 152 | 34.6 | 287 | 65.4 | 0 | 0 |
| the Netherlands | 999 | 100 | | | | | 527 | 52.8 | 527 | 52.8 | 463 | 46.3 | 9 | 0.9 |
| United Kingdom, All countries * | 2997 | 100 | 447 | 14.9 | 226 | 7.5 | 288 | 9.6 | 961 | 32.1 | 2011 | 67.1 | 25 | 0.8 |
| United Kingdom, England * | 2547 | 100 | 353 | 13.9 | 187 | 7.3 | 265 | 10.4 | 805 | 31.6 | 1723 | 67.6 | 19 | 0.7 |
| United Kingdom, Northern Ireland * | 92 | 100 | 39 | 42.4 | 11 | 12.0 | 1 | 1.1 | 51 | 55.4 | 41 | 44.6 | 0 | 0 |
| United Kingdom, Scotland * | 263 | 100 | 41 | 15.6 | 7 | 2.7 | 26 | 9.9 | 74 | 28.1 | 183 | 69.6 | 6 | 2.3 |
| United Kingdom, Wales * | 107 | 100 | 18 | 16.8 | 21 | 19.6 | 0 | 0 | 39 | 36.4 | 68 | 63.6 | 0 | 0 |

*Categories may not add up because of rounding off; When cells are left empty, (complete) data are unavailable*

*§ Data based on residents and non-residents*

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

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

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

| | Total | Living | | | | Deceased | Donor type Unkn |
|---|---|---|---|---|---|---|---|
| | | Related | Unrelated | Type Unkn | All | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Austria § | 46.8 | 3.2 | 4.0 | 0 | 7.2 | 39.6 | 0 |
| Belgium, Dutch-speaking * | 38.8 | 1.7 | 1.2 | 0.2 | 3.1 | 35.7 | 0 |
| Belgium, French-speaking * | 35.1 | 2.9 | 1.3 | 0 | 4.2 | 30.9 | 0 |
| Bosnia and Herzegovina | 8.0 | 4.8 | 0.3 | 0.9 | 6.0 | 2.0 | 0 |
| Denmark | 43.9 | 11.1 | 8.2 | 0 | 19.3 | 24.6 | 0 |
| Estonia | 24.3 | 0 | 0.8 | 0 | 0.8 | 23.6 | 0 |
| Finland | 43.9 | 2.4 | 0.4 | 0 | 2.7 | 41.2 | 0 |
| France | 48.8 | 7.8 | 0 | 0 | 7.8 | 41.0 | 0 |
| Greece | 12.6 | 4.0 | 0.1 | 0 | 4.1 | 8.4 | 0 |
| Iceland | 24.4 | 18.3 | 6.1 | 0 | 24.4 | 0 | 0 |
| Montenegro * | 14.5 | 0 | 0 | 14.5 | 14.5 | 0 | 0 |
| Norway | 53.3 | 9.7 | 3.5 | 0 | 13.2 | 40.1 | 0 |
| Romania \|\| | 11.4 | 1.9 | 0.1 | 0.1 | 2.1 | 7.6 | 1.7 |
| Serbia | 9.7 | 2.8 | 0.4 | 0.7 | 3.9 | 5.7 | 0 |
| Spain, Andalusia | 55.5 | 4.2 | 3.2 | 0 | 7.4 | 48.1 | 0 |
| Spain, Aragon | 63.2 | 10.5 | 0.8 | 0 | 11.3 | 51.9 | 0 |
| Spain, Asturias | 49.1 | 0.9 | 0.9 | 0 | 1.9 | 47.2 | 0 |
| Spain, Basque country | 58.6 | 0 | 0 | 13.8 | 13.8 | 44.8 | 0 |
| Spain, Cantabria * | 78.4 | 3.4 | 3.4 | 0 | 6.8 | 71.6 | 0 |
| Spain, Castile and León * | 50.7 | 0 | 0 | 0 | 0 | 50.7 | 0 |
| Spain, Castile-La Mancha * | 45.9 | | | | | | 45.9 |
| Spain, Catalonia | 80.3 | 21.9 | 0 | 0 | 21.9 | 58.4 | 0 |
| Spain, Extremadura | 51.8 | 4.5 | 0 | 0 | 4.5 | 40.0 | 7.3 |
| Spain, Galicia | 51.4 | | | 11.7 | 11.7 | 39.8 | 0 |
| Spain, Community of Madrid | 60.9 | 3.3 | 0.6 | 0 | 3.9 | 57.0 | 0 |
| Spain, Region of Murcia | 39.5 | 1.4 | 2.7 | 2.7 | 6.8 | 32.7 | 0 |
| Spain, Navarre * | 62.9 | 3.1 | 1.6 | 0 | 4.7 | 53.4 | 4.7 |
| Spain, Valencian region | 45.6 | 5.2 | 0.6 | 0 | 5.8 | 39.8 | 0 |
| Sweden | 45.3 | 7.0 | 8.7 | 0 | 15.7 | 29.6 | 0 |
| the Netherlands | 59.2 | | | 31.2 | 31.2 | 27.5 | 0.5 |
| United Kingdom, All countries * | 46.4 | 6.9 | 3.5 | 4.5 | 14.9 | 31.1 | 0.4 |
| United Kingdom, England * | 46.9 | 6.5 | 3.4 | 4.9 | 14.8 | 31.7 | 0.3 |
| United Kingdom, Northern Ireland * | 50.0 | 21.2 | 6.0 | 0.5 | 27.7 | 22.3 | 0 |
| United Kingdom, Scotland * | 49.2 | 7.7 | 1.3 | 4.9 | 13.8 | 34.2 | 1.1 |
| United Kingdom, Wales * | 34.6 | 5.8 | 6.8 | 0 | 12.6 | 22.0 | 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 as non-residents are excluded for this analysis*
** Patients younger than 20 years of age are not reported*
*|| The transplantation activity reflects 70% of the total transplantation activity in the country, because there is an underreporting of preemptive transplantations*

Table B.6.1

## Incident RRT patients, from day 1, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 99.1 (98.5-99.5) | 97.2 (96.3-97.9) | 96.5 (95.5-97.3) | 94.7 (93.5-95.7) | 99.0 (98.3-99.4) | 97.3 (96.4-98.0) | 96.1 (95.0-96.9) |
| 20-44 | 99.1 (99.0-99.3) | 96.8 (96.6-97.1) | 94.1 (93.8-94.5) | 88.4 (88.0-88.9) | 99.1 (99.0-99.2) | 97.1 (96.8-97.3) | 94.7 (94.4-95.0) |
| 45-64 | 96.7 (96.5-96.9) | 90.0 (89.7-90.2) | 82.9 (82.6-83.2) | 66.2 (65.9-66.5) | 97.1 (96.9-97.2) | 90.9 (90.6-91.1) | 84.4 (84.2-84.7) |
| 65-74 | 93.2 (93.0-93.5) | 80.6 (80.3-80.9) | 68.3 (68.0-68.7) | 41.0 (40.8-41.2) | 94.0 (93.7-94.2) | 82.6 (82.2-82.9) | 71.2 (70.8-71.5) |
| 75+ | 88.9 (88.6-89.1) | 71.0 (70.7-71.3) | 54.5 (54.2-54.8) | 22.5 (22.4-22.6) | 89.8 (89.6-90.0) | 72.8 (72.6-73.1) | 57.2 (57.0-57.5) |
| Men | 93.9 (93.7-94.0) | 82.7 (82.5-82.9) | 71.9 (71.7-72.1) | 48.8 (48.6-49.0) | 94.2 (94.1-94.4) | 83.8 (83.6-84.0) | 73.4 (73.2-73.6) |
| Women | 93.5 (93.3-93.7) | 82.6 (82.3-82.8) | 72.1 (71.9-72.4) | 50.3 (50.1-50.5) | 94.2 (94.0-94.4) | 83.9 (83.6-84.1) | 74.2 (73.9-74.4) |
| Diabetes | 94.5 (94.2-94.7) | 82.8 (82.5-83.2) | 69.9 (69.5-70.2) | 41.7 (41.5-42.0) | 95.1 (94.9-95.3) | 84.4 (84.1-84.7) | 72.4 (72.1-72.8) |
| Hypertension / renal vascular disease | 93.7 (93.4-94.0) | 81.0 (80.6-81.3) | 67.8 (67.4-68.2) | 39.9 (39.7-40.1) | 94.1 (93.8-94.3) | 82.1 (81.7-82.4) | 69.4 (69.0-69.8) |
| Glomerulonephritis | 97.3 (97.0-97.5) | 92.0 (91.6-92.4) | 86.1 (85.6-86.5) | 71.4 (70.9-71.9) | 97.2 (97.0-97.4) | 92.1 (91.8-92.5) | 86.7 (86.2-87.1) |
| Other cause | 92.9 (92.7-93.1) | 81.6 (81.4-81.9) | 72.0 (71.7-72.2) | 52.0 (51.8-52.2) | 93.5 (93.3-93.7) | 82.7 (82.4-82.9) | 73.4 (73.2-73.7) |
| All | 93.7 (93.6-93.8) | 82.7 (82.5-82.8) | 72.0 (71.8-72.1) | 49.4 (49.2-49.5) | 94.2 (94.1-94.3) | 83.8 (83.6-84.0) | 73.7 (73.5-73.9) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.2

## Incident RRT patients, from day 1, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 99.0 (98.4-99.5) | 97.1 (96.2-97.9) | 96.3 (95.4-97.3) | 94.4 (93.2-95.6) | 98.9 (98.3-99.4) | 97.4 (96.6-98.2) | 96.2 (95.2-97.1) |
| 20-44 | 99.1 (99.0-99.3) | 96.8 (96.6-97.1) | 94.1 (93.8-94.5) | 88.3 (87.8-88.8) | 99.1 (99.0-99.3) | 97.1 (96.8-97.4) | 94.7 (94.3-95.0) |
| 45-64 | 96.9 (96.8-97.1) | 90.6 (90.3-90.9) | 83.8 (83.4-84.1) | 67.2 (66.8-67.7) | 97.3 (97.1-97.4) | 91.4 (91.1-91.6) | 85.1 (84.8-85.4) |
| 65-74 | 93.9 (93.6-94.1) | 82.1 (81.7-82.5) | 70.4 (69.9-70.8) | 43.3 (42.8-43.9) | 94.5 (94.2-94.7) | 83.7 (83.3-84.0) | 72.7 (72.2-73.1) |
| 75+ | 89.5 (89.2-89.8) | 72.4 (72.0-72.8) | 56.3 (55.8-56.8) | 23.9 (23.5-24.3) | 90.4 (90.1-90.6) | 74.0 (73.6-74.4) | 58.7 (58.3-59.2) |
| Men | 96.6 (96.5-96.7) | 89.9 (89.7-90.1) | 82.5 (82.2-82.7) | 62.2 (61.9-62.6) | 96.8 (96.7-96.9) | 90.4 (90.3-90.6) | 83.4 (83.1-83.6) |
| Women | 96.6 (96.5-96.7) | 90.2 (90.0-90.4) | 83.3 (83.0-83.6) | 64.9 (64.5-65.3) | 96.9 (96.8-97.0) | 90.8 (90.5-91.0) | 84.3 (84.0-84.6) |
| Diabetes | 96.6 (96.4-96.7) | 88.9 (88.6-89.2) | 79.5 (79.1-79.9) | 54.4 (53.9-55.0) | 97.0 (96.8-97.1) | 89.9 (89.7-90.2) | 81.5 (81.1-81.8) |
| Hypertension / renal vascular disease | 97.2 (97.1-97.4) | 91.2 (90.9-91.4) | 84.1 (83.7-84.4) | 63.8 (63.2-64.3) | 97.4 (97.2-97.5) | 91.7 (91.4-91.9) | 84.8 (84.5-85.1) |
| Glomerulonephritis | 97.8 (97.6-98.0) | 93.3 (92.9-93.6) | 87.9 (87.5-88.4) | 72.9 (72.2-73.6) | 97.7 (97.5-97.9) | 93.4 (93.0-93.7) | 88.3 (87.9-88.8) |
| Other cause | 95.7 (95.6-95.9) | 88.4 (88.2-88.6) | 81.3 (81.0-81.6) | 63.2 (62.8-63.6) | 96.0 (95.9-96.2) | 89.0 (88.8-89.2) | 82.3 (82.0-82.5) |
| All | 96.6 (96.5-96.7) | 90.0 (89.9-90.2) | 82.8 (82.6-83.0) | 63.3 (63.0-63.6) | 96.8 (96.8-96.9) | 90.6 (90.4-90.7) | 83.8 (83.6-84.0) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.3

## Incident RRT patients, from day 91, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 97.9 (97.1-98.5) | 97.2 (96.3-97.9) | 95.4 (94.3-96.3) | 98.0 (97.2-98.6) | 97.0 (96.0-97.7) |
| 20-44 | 97.1 (96.8-97.3) | 94.4 (94.0-94.7) | 88.8 (88.3-89.2) | 97.4 (97.1-97.6) | 95.1 (94.8-95.4) |
| 45-64 | 91.1 (90.9-91.4) | 84.1 (83.8-84.4) | 67.0 (66.7-67.3) | 91.9 (91.7-92.1) | 85.5 (85.2-85.7) |
| 65-74 | 83.1 (82.7-83.4) | 70.6 (70.3-71.0) | 41.8 (41.6-42.0) | 84.8 (84.5-85.1) | 72.8 (72.5-73.2) |
| 75+ | 75.1 (74.8-75.4) | 57.4 (57.1-57.7) | 23.1 (23.0-23.2) | 76.7 (76.4-77.0) | 59.6 (59.3-59.9) |
| Men | 85.2 (85.0-85.4) | 74.2 (73.9-74.4) | 50.2 (50.0-50.4) | 86.1 (85.9-86.3) | 75.4 (75.1-75.6) |
| Women | 85.4 (85.2-85.7) | 74.8 (74.5-75.1) | 52.1 (51.8-52.3) | 86.5 (86.2-86.7) | 76.3 (76.0-76.6) |
| Diabetes | 84.1 (83.7-84.4) | 71.0 (70.7-71.4) | 42.0 (41.7-42.2) | 85.5 (85.2-85.8) | 73.1 (72.7-73.4) |
| Hypertension / renal vascular disease | 82.8 (82.4-83.2) | 69.3 (68.9-69.7) | 40.5 (40.3-40.8) | 83.8 (83.5-84.2) | 70.6 (70.2-71.0) |
| Glomerulonephritis | 93.1 (92.7-93.5) | 87.0 (86.5-87.4) | 72.2 (71.6-72.7) | 93.4 (93.0-93.7) | 87.6 (87.1-88.0) |
| Other cause | 85.2 (85.0-85.5) | 75.4 (75.1-75.6) | 54.4 (54.2-54.7) | 86.0 (85.7-86.2) | 76.3 (76.1-76.6) |
| All | 85.3 (85.1-85.4) | 74.4 (74.2-74.6) | 50.9 (50.8-51.0) | 86.2 (86.1-86.4) | 75.7 (75.5-75.9) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.4

## Incident RRT patients, from day 91, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 97.7 (96.9-98.5) | 97.0 (96.1-97.9) | 95.1 (94.0-96.3) | 98.0 (97.3-98.8) | 97.0 (96.1-97.9) |
| 20-44 | 97.0 (96.8-97.3) | 94.3 (93.9-94.7) | 88.7 (88.2-89.2) | 97.3 (97.0-97.5) | 95.0 (94.7-95.3) |
| 45-64 | 91.7 (91.4-91.9) | 84.9 (84.6-85.3) | 68.3 (67.9-68.8) | 92.3 (92.0-92.5) | 86.1 (85.8-86.5) |
| 65-74 | 84.3 (83.9-84.7) | 72.5 (72.0-73.0) | 44.5 (44.0-45.1) | 85.7 (85.4-86.1) | 74.5 (74.0-74.9) |
| 75+ | 76.3 (75.9-76.7) | 59.1 (58.6-59.6) | 25.0 (24.5-25.4) | 77.7 (77.3-78.1) | 61.4 (60.9-61.8) |
| Men | 91.2 (91.0-91.3) | 83.7 (83.4-83.9) | 63.1 (62.8-63.5) | 91.6 (91.5-91.8) | 84.5 (84.2-84.7) |
| Women | 91.7 (91.5-91.9) | 84.7 (84.4-85.0) | 66.0 (65.5-66.4) | 92.1 (91.9-92.3) | 85.5 (85.2-85.7) |
| Diabetes | 89.6 (89.3-89.9) | 80.1 (79.7-80.5) | 54.6 (54.0-55.1) | 90.6 (90.3-90.8) | 81.8 (81.5-82.2) |
| Hypertension / renal vascular disease | 92.0 (91.7-92.2) | 84.7 (84.4-85.1) | 64.3 (63.7-64.8) | 92.4 (92.2-92.6) | 85.4 (85.0-85.7) |
| Glomerulonephritis | 94.1 (93.8-94.5) | 88.5 (88.1-89.0) | 73.5 (72.8-74.2) | 94.3 (94.0-94.6) | 89.0 (88.6-89.5) |
| Other cause | 90.5 (90.3-90.7) | 83.3 (83.0-83.6) | 64.7 (64.3-65.1) | 90.9 (90.7-91.1) | 84.0 (83.8-84.3) |
| All | 91.4 (91.2-91.5) | 84.1 (83.9-84.3) | 64.3 (64.0-64.6) | 91.8 (91.7-92.0) | 84.9 (84.7-85.1) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.5.a

## Incident dialysis patients, from day 1, unadjusted

*by age, gender, and primary diagnosis, with transplantation as a censored observation*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 98.8 (98.0-99.3) | 96.0 (94.6-97.0) | 94.6 (92.8-95.9) | 89.4 (86.2-92.0) | 98.8 (97.9-99.3) | 96.3 (94.9-97.3) | 93.5 (91.5-95.0) |
| 20-44 | 99.1 (98.9-99.2) | 96.3 (95.9-96.5) | 92.5 (92.0-92.9) | 81.4 (80.7-82.1) | 99.1 (98.9-99.2) | 96.5 (96.2-96.8) | 93.0 (92.6-93.4) |
| 45-64 | 96.6 (96.4-96.7) | 89.3 (89.0-89.5) | 81.0 (80.7-81.3) | 58.4 (58.1-58.7) | 96.9 (96.8-97.1) | 90.0 (89.8-90.3) | 82.3 (82.0-82.6) |
| 65-74 | 93.1 (92.9-93.4) | 80.3 (79.9-80.6) | 67.7 (67.3-68.0) | 38.6 (38.4-38.9) | 93.9 (93.6-94.1) | 82.1 (81.8-82.4) | 70.1 (69.8-70.5) |
| 75+ | 88.8 (88.5-89.1) | 70.9 (70.5-71.2) | 54.4 (54.1-54.6) | 22.3 (22.2-22.4) | 89.8 (89.5-90.0) | 72.7 (72.4-73.0) | 57.1 (56.8-57.3) |
| Men | 93.6 (93.5-93.8) | 81.8 (81.6-82.0) | 69.6 (69.4-69.8) | 40.8 (40.6-40.9) | 94.0 (93.8-94.1) | 82.7 (82.5-82.9) | 71.0 (70.8-71.2) |
| Women | 93.2 (93.0-93.4) | 81.6 (81.3-81.8) | 69.9 (69.6-70.2) | 42.6 (42.4-42.8) | 93.9 (93.7-94.1) | 82.7 (82.4-83.0) | 71.7 (71.4-71.9) |
| Diabetes | 94.3 (94.1-94.6) | 82.3 (82.0-82.7) | 68.6 (68.2-68.9) | 36.7 (36.5-36.9) | 95.0 (94.8-95.2) | 83.9 (83.6-84.2) | 71.2 (70.8-71.5) |
| Hypertension / renal vascular disease | 93.6 (93.3-93.9) | 80.5 (80.1-80.9) | 66.8 (66.4-67.2) | 35.7 (35.5-36.0) | 93.9 (93.7-94.2) | 81.6 (81.2-82.0) | 68.3 (67.9-68.6) |
| Glomerulonephritis | 97.1 (96.8-97.4) | 91.1 (90.7-91.6) | 83.7 (83.2-84.2) | 61.2 (60.6-61.8) | 97.0 (96.7-97.2) | 91.2 (90.7-91.6) | 84.0 (83.5-84.6) |
| Other cause | 92.6 (92.4-92.8) | 80.4 (80.2-80.7) | 69.3 (69.1-69.6) | 43.4 (43.2-43.6) | 93.1 (92.9-93.3) | 81.2 (81.0-81.5) | 70.4 (70.2-70.7) |
| All | 93.5 (93.4-93.6) | 81.7 (81.5-81.9) | 69.7 (69.5-69.9) | 41.5 (41.3-41.6) | 93.9 (93.8-94.1) | 82.7 (82.6-82.9) | 71.3 (71.1-71.4) |

*Survival was examined using the Kaplan Meier method, with transplantation as a censored observation (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.5.b (competing risks survival data)

## Incident dialysis patients, from day 1, unadjusted

*by age, gender, and primary diagnosis, with transplantation as a competing event*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 98.8 (98.3-99.3) | 96.7 (95.9-97.5) | 96.1 (95.2-96.9) | 95.0 (94.0-96.1) | 98.7 (98.2-99.2) | 96.9 (96.2-97.8) | 95.6 (94.6-96.5) |
| 20-44 | 99.0 (98.9-99.1) | 96.5 (96.3-96.7) | 93.8 (93.5-94.1) | 88.6 (88.2-89.0) | 99.0 (98.9-99.2) | 96.8 (96.6-97.0) | 94.3 (94.0-94.6) |
| 45-64 | 96.6 (96.4-96.7) | 89.6 (89.3-89.8) | 82.4 (82.1-82.7) | 66.9 (66.5-67.2) | 96.9 (96.8-97.0) | 90.3 (90.1-90.6) | 83.7 (83.5-84.0) |
| 65-74 | 93.1 (92.8-93.2) | 80.3 (80.0-80.7) | 68.2 (67.8-68.5) | 41.8 (41.4-42.2) | 93.8 (93.6-94.0) | 82.2 (81.9-82.5) | 70.8 (70.5-71.2) |
| 75+ | 88.7 (88.4-88.9) | 70.8 (70.4-71.1) | 54.3 (53.9-54.7) | 22.4 (22.1-22.7) | 89.7 (89.5-89.9) | 72.7 (72.3-73.0) | 57.0 (56.7-57.4) |
| Men | 93.6 (93.4-93.7) | 82.1 (81.9-82.3) | 71.1 (70.8-71.3) | 48.5 (48.2-48.7) | 93.9 (93.8-94.1) | 83.1 (82.9-83.3) | 72.5 (72.2-72.7) |
| Women | 93.2 (93.0-93.3) | 81.9 (81.6-82.1) | 71.2 (70.9-71.6) | 49.4 (49.1-49.8) | 93.9 (93.7-94.0) | 83.0 (82.8-83.3) | 73.0 (72.8-73.3) |
| Diabetes | 94.3 (94.1-94.5) | 82.5 (82.1-82.8) | 69.4 (69.0-69.8) | 41.8 (41.3-42.2) | 95.0 (94.8-95.2) | 84.0 (83.7-84.3) | 72.0 (71.6-72.4) |
| Hypertension / renal vascular disease | 93.5 (93.3-93.8) | 80.7 (80.3-81.0) | 67.5 (67.1-67.9) | 40.3 (39.8-40.8) | 93.9 (93.7-94.1) | 81.7 (81.4-82.1) | 69.1 (68.7-69.5) |
| Glomerulonephritis | 97.1 (96.8-97.3) | 91.6 (91.2-91.9) | 85.5 (85.1-85.9) | 71.4 (70.9-72.0) | 97.0 (96.8-97.2) | 91.6 (91.3-92.0) | 85.9 (85.4-86.3) |
| Other cause | 92.5 (92.4-92.7) | 80.8 (80.6-81.1) | 70.9 (70.6-71.2) | 51.1 (50.8-51.5) | 93.0 (92.9-93.2) | 81.6 (81.4-81.9) | 72.0 (71.8-72.3) |
| All | 93.4 (93.3-93.5) | 82.0 (81.9-82.2) | 71.1 (70.9-71.3) | 48.8 (48.6-49.0) | 93.9 (93.8-94.0) | 83.1 (82.9-83.2) | 72.7 (72.5-72.9) |

*Survival was examined using the cumulative incidence competing risk method, with transplantation as a competing event (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.6.a

## Incident dialysis patients, from day 1, adjusted

*adjusted for age, gender, and primary diagnosis, with transplantation as a censored observation*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 98.7 (97.9-99.4) | 95.8 (94.4-97.1) | 94.3 (92.5-96.0) | 88.0 (84.1-92.2) | 98.6 (97.9-99.3) | 96.2 (95.0-97.5) | 93.4 (91.5-95.3) |
| 20-44 | 99.1 (98.9-99.2) | 96.3 (96.0-96.6) | 92.5 (92.0-92.9) | 80.5 (79.6-81.5) | 99.1 (98.9-99.2) | 96.6 (96.3-96.9) | 93.0 (92.6-93.5) |
| 45-64 | 96.8 (96.6-97.0) | 89.9 (89.6-90.2) | 81.9 (81.5-82.3) | 58.9 (58.3-59.5) | 97.1 (97.0-97.3) | 90.6 (90.3-90.8) | 83.1 (82.7-83.5) |
| 65-74 | 93.7 (93.4-93.9) | 81.6 (81.2-82.0) | 69.4 (68.9-69.9) | 40.2 (39.7-40.8) | 94.3 (94.0-94.5) | 83.1 (82.7-83.5) | 71.5 (71.0-72.0) |
| 75+ | 89.4 (89.1-89.7) | 72.0 (71.6-72.5) | 55.8 (55.3-56.3) | 23.3 (22.9-23.8) | 90.2 (90.0-90.5) | 73.7 (73.3-74.1) | 58.3 (57.8-58.7) |
| Men | 96.0 (95.8-96.1) | 87.9 (87.7-88.1) | 79.1 (78.8-79.4) | 54.5 (54.0-54.9) | 96.3 (96.2-96.4) | 88.9 (88.7-89.1) | 80.7 (80.4-80.9) |
| Women | 95.8 (95.7-96.0) | 88.2 (87.9-88.5) | 80.0 (79.6-80.3) | 57.4 (56.9-58.0) | 96.3 (96.2-96.5) | 89.2 (89.0-89.4) | 81.6 (81.3-82.0) |
| Diabetes | 96.0 (95.9-96.2) | 87.3 (86.9-87.6) | 76.6 (76.2-77.0) | 48.1 (47.5-48.7) | 96.6 (96.5-96.8) | 88.8 (88.5-89.1) | 79.3 (78.9-79.7) |
| Hypertension / renal vascular disease | 96.6 (96.4-96.7) | 89.2 (88.9-89.5) | 80.6 (80.2-81.0) | 56.4 (55.8-57.1) | 96.9 (96.7-97.0) | 90.2 (89.9-90.5) | 82.2 (81.8-82.6) |
| Glomerulonephritis | 97.5 (97.2-97.7) | 92.3 (91.9-92.7) | 85.8 (85.3-86.4) | 65.3 (64.4-66.2) | 97.4 (97.2-97.6) | 92.4 (92.1-92.8) | 86.3 (85.8-86.9) |
| Other cause | 94.9 (94.8-95.1) | 86.2 (86.0-86.5) | 77.8 (77.5-78.2) | 55.5 (55.0-56.0) | 95.4 (95.3-95.6) | 87.3 (87.0-87.5) | 79.4 (79.1-79.7) |
| All | 95.9 (95.8-96.0) | 88.1 (87.9-88.2) | 79.5 (79.2-79.7) | 55.7 (55.3-56.1) | 96.3 (96.2-96.4) | 89.0 (88.9-89.2) | 81.1 (80.8-81.3) |

*Survival was examined using the Cox regression method, with transplantation as a censored observation (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.6.b (competing risks survival data)

## Incident dialysis patients, from day 1, adjusted

*adjusted for age, gender, and primary diagnosis, with transplantation as a competing event*

| | Survival probabilities as % (95% CI) | | | | | | |
|---|---|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | | COHORT 2008-2012 | | |
| | 90 day | 1 year | 2 year | 5 year | 90 day | 1 year | 2 year |
| 0-19 | 99.4 (99.3-99.4) | 98.0 (98.0-98.1) | 96.5 (96.5-96.6) | 92.1 (91.9-92.2) | 99.3 (99.3-99.3) | 97.8 (97.8-97.9) | 96.2 (96.1-96.3) |
| 20-44 | 98.7 (98.6-98.7) | 96.0 (95.9-96.1) | 93.0 (92.9-93.1) | 84.3 (84.1-84.5) | 98.6 (98.6-98.6) | 95.8 (95.7-95.9) | 92.7 (92.6-92.8) |
| 45-64 | 97.3 (97.2-97.3) | 91.9 (91.8-92.0) | 86.0 (85.9-86.2) | 70.3 (70.0-70.5) | 97.3 (97.2-97.3) | 91.9 (91.8-92.0) | 86.1 (86.0-86.3) |
| 65-74 | 94.4 (94.3-94.5) | 83.9 (83.8-84.1) | 73.2 (73.0-73.4) | 48.2 (47.9-48.4) | 94.8 (94.7-94.9) | 84.8 (84.7-84.9) | 74.7 (74.5-74.9) |
| 75+ | 88.8 (88.6-89.0) | 69.6 (69.4-69.9) | 52.5 (52.2-52.8) | 22.1 (21.8-22.3) | 90.0 (89.9-90.2) | 72.4 (72.2-72.7) | 56.4 (56.1-56.8) |
| Men | 96.6 (96.5-96.6) | 89.9 (89.8-90.1) | 82.7 (82.6-82.9) | 63.7 (63.5-64.0) | 96.7 (96.6-96.7) | 90.1 (90.0-90.3) | 83.1 (83.0-83.3) |
| Women | 96.8 (96.8-96.9) | 90.6 (90.5-90.8) | 83.9 (83.7-84.1) | 65.9 (65.5-66.2) | 96.9 (96.9-97.0) | 90.9 (90.7-91.0) | 84.3 (84.1-84.5) |
| Diabetes | 96.1 (96.0-96.2) | 88.5 (88.4-88.7) | 80.5 (80.2-80.7) | 59.8 (59.4-60.2) | 96.5 (96.4-96.5) | 89.5 (89.4-89.6) | 82.1 (81.9-82.3) |
| Hypertension / renal vascular disease | 96.3 (96.3-96.4) | 89.3 (89.2-89.4) | 81.7 (81.5-81.9) | 62.0 (61.7-62.3) | 96.6 (96.5-96.6) | 89.9 (89.7-90.0) | 82.7 (82.5-82.9) |
| Glomerulonephritis | 96.6 (96.5-96.7) | 90.0 (89.9-90.1) | 82.8 (82.7-83.0) | 64.1 (63.8-64.3) | 96.7 (96.7-96.8) | 90.2 (90.1-90.3) | 83.3 (83.1-83.4) |
| Other cause | 96.8 (96.8-96.9) | 90.6 (90.5-90.8) | 83.9 (83.8-84.1) | 66.1 (65.8-66.4) | 96.8 (96.8-96.9) | 90.5 (90.4-90.7) | 83.8 (83.6-84.0) |
| All | 96.7 (96.6-96.7) | 90.2 (90.1-90.3) | 83.2 (83.0-83.4) | 64.6 (64.4-64.9) | 96.8 (96.7-96.8) | 90.4 (90.3-90.6) | 83.6 (83.5-83.8) |

*Survival was examined using the Fine and Gray competing risk method, with transplantation as a competing event (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.7.a

## Incident dialysis patients, from day 91, unadjusted

*by age, gender, and primary diagnosis, with transplantation as a censored observation*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 96.7 (95.2-97.7) | 94.8 (92.8-96.3) | 90.3 (86.8-92.9) | 96.8 (95.4-97.8) | 94.1 (92.0-95.7) |
| 20-44 | 96.4 (96.0-96.7) | 92.4 (91.9-92.8) | 81.1 (80.4-81.9) | 96.6 (96.3-96.9) | 93.1 (92.7-93.6) |
| 45-64 | 90.3 (90.0-90.6) | 81.9 (81.5-82.2) | 58.4 (58.0-58.7) | 90.9 (90.6-91.2) | 83.0 (82.7-83.4) |
| 65-74 | 82.7 (82.4-83.1) | 69.8 (69.5-70.2) | 39.1 (38.9-39.3) | 84.3 (84.0-84.7) | 71.7 (71.3-72.0) |
| 75+ | 75.0 (74.7-75.4) | 57.3 (57.0-57.6) | 22.9 (22.8-23.0) | 76.6 (76.3-76.9) | 59.4 (59.1-59.7) |
| Men | 84.1 (83.8-84.3) | 71.4 (71.2-71.7) | 41.2 (41.0-41.3) | 84.9 (84.7-85.1) | 72.5 (72.3-72.8) |
| Women | 84.3 (84.0-84.6) | 72.2 (71.9-72.5) | 43.4 (43.2-43.6) | 85.2 (84.9-85.5) | 73.4 (73.1-73.7) |
| Diabetes | 83.5 (83.1-83.9) | 69.5 (69.1-69.8) | 36.3 (36.1-36.5) | 84.9 (84.6-85.3) | 71.6 (71.2-71.9) |
| Hypertension / renal vascular disease | 82.2 (81.8-82.6) | 68.0 (67.6-68.4) | 35.8 (35.6-36.1) | 83.3 (82.9-83.7) | 69.3 (68.9-69.6) |
| Glomerulonephritis | 92.1 (91.7-92.5) | 84.1 (83.6-84.7) | 60.8 (60.1-61.4) | 92.2 (91.8-92.6) | 84.5 (83.9-85.0) |
| Other cause | 83.9 (83.6-84.1) | 72.2 (72.0-72.5) | 44.7 (44.4-44.9) | 84.4 (84.2-84.7) | 72.9 (72.7-73.2) |
| All | 84.2 (84.0-84.3) | 71.7 (71.5-71.9) | 42.0 (41.9-42.1) | 85.0 (84.8-85.2) | 72.9 (72.7-73.0) |

*Survival was examined using the Kaplan Meier method, with transplantation as a censored observation (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.7.b (competing risks survival data)

## Incident dialysis patients, from day 91, unadjusted

*by age, gender, and primary diagnosis, with transplantation as a competing event*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 97.4 (96.8-98.2) | 96.6 (95.8-97.5) | 95.7 (94.9-96.6) | 97.5 (96.7-98.2) | 96.2 (95.3-97.2) |
| 20-44 | 96.7 (96.5-97.0) | 94.0 (93.7-94.3) | 88.9 (88.5-89.3) | 97.0 (96.8-97.2) | 94.6 (94.3-94.9) |
| 45-64 | 90.7 (90.5-90.9) | 83.6 (83.3-83.8) | 68.0 (67.6-68.3) | 91.3 (91.1-91.5) | 84.7 (84.5-85.0) |
| 65-74 | 82.8 (82.5-83.1) | 70.5 (70.1-70.8) | 43.0 (42.6-43.4) | 84.5 (84.2-84.8) | 72.7 (72.4-73.1) |
| 75+ | 74.9 (74.6-75.2) | 57.2 (56.8-57.6) | 23.4 (23.1-23.7) | 76.5 (76.2-76.8) | 59.7 (59.3-60.0) |
| Men | 84.5 (84.3-84.7) | 73.2 (73.0-73.5) | 50.1 (49.7-50.3) | 85.3 (85.1-85.5) | 74.4 (74.2-74.6) |
| Women | 84.7 (84.5-85.0) | 73.8 (73.5-74.1) | 51.3 (50.9-51.7) | 85.6 (85.4-85.8) | 75.2 (74.9-75.5) |
| Diabetes | 83.7 (83.4-84.1) | 70.6 (70.1-71.0) | 42.4 (41.9-42.8) | 85.1 (84.9-85.4) | 72.8 (72.4-73.1) |
| Hypertension / renal vascular disease | 82.4 (82.0-82.8) | 69.0 (68.6-69.5) | 41.4 (40.9-41.9) | 83.5 (83.1-83.8) | 70.5 (70.1-70.9) |
| Glomerulonephritis | 92.6 (92.3-92.9) | 86.3 (85.9-86.7) | 72.1 (71.6-72.7) | 92.8 (92.4-93.1) | 86.7 (86.3-87.1) |
| Other cause | 84.4 (84.1-84.6) | 74.1 (73.8-74.4) | 53.6 (53.3-54.0) | 84.9 (84.7-85.1) | 75.0 (74.7-75.2) |
| All | 84.6 (84.4-84.7) | 73.4 (73.2-73.6) | 50.5 (50.3-50.7) | 85.4 (85.3-85.5) | 74.7 (74.5-74.9) |

*Survival was examined using the cumulative incidence competing risk method, with transplantation as a competing event (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.8.a

## Incident dialysis patients, from day 91, adjusted

*adjusted for age, gender, and primary diagnosis, with transplantation as a censored observation*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 96.5 (95.1-97.8) | 94.1 (92.1-96.3) | 87.9 (83.4-92.6) | 96.7 (95.4-98.0) | 93.7 (91.7-95.9) |
| 20-44 | 96.4 (96.0-96.7) | 92.3 (91.8-92.8) | 80.3 (79.3-81.2) | 96.6 (96.3-97.0) | 93.1 (92.6-93.6) |
| 45-64 | 90.9 (90.6-91.2) | 82.8 (82.4-83.2) | 59.1 (58.5-59.8) | 91.4 (91.1-91.7) | 83.9 (83.5-84.3) |
| 65-74 | 83.8 (83.4-84.2) | 71.4 (70.9-71.9) | 41.1 (40.5-41.6) | 85.1 (84.8-85.5) | 73.1 (72.7-73.6) |
| 75+ | 75.9 (75.5-76.4) | 58.6 (58.1-59.1) | 24.4 (23.9-24.8) | 77.3 (76.9-77.7) | 60.9 (60.4-61.3) |
| Men | 89.2 (89.0-89.4) | 80.1 (79.8-80.4) | 54.6 (54.2-55.1) | 90.1 (89.9-90.3) | 81.5 (81.2-81.8) |
| Women | 89.8 (89.5-90.0) | 81.2 (80.9-81.5) | 57.9 (57.3-58.4) | 90.6 (90.3-90.8) | 82.6 (82.3-82.9) |
| Diabetes | 87.9 (87.6-88.3) | 77.0 (76.5-77.4) | 47.6 (46.9-48.2) | 89.3 (89.0-89.6) | 79.4 (79.0-79.8) |
| Hypertension / renal vascular disease | 89.9 (89.6-90.3) | 81.0 (80.6-81.5) | 56.2 (55.5-56.9) | 90.9 (90.6-91.2) | 82.5 (82.1-82.9) |
| Glomerulonephritis | 93.1 (92.7-93.5) | 86.2 (85.6-86.8) | 65.0 (64.1-66.0) | 93.3 (92.9-93.7) | 86.7 (86.2-87.3) |
| Other cause | 88.5 (88.3-88.8) | 79.7 (79.4-80.1) | 56.3 (55.8-56.8) | 89.2 (89.0-89.5) | 81.0 (80.7-81.3) |
| All | 89.5 (89.3-89.6) | 80.6 (80.3-80.8) | 55.9 (55.5-56.3) | 90.3 (90.1-90.5) | 82.0 (81.7-82.2) |

*Survival was examined using the Cox regression method, with transplantation as a censored observation (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.8.b (competing risks survival data)

## Incident dialysis patients, from day 91, adjusted

*adjusted for age, gender, and primary diagnosis, with transplantation as a competing event*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 98.3 (98.3-98.4) | 96.8 (96.7-96.9) | 92.3 (92.2-92.5) | 98.1 (98.0-98.1) | 96.4 (96.3-96.5) |
| 20-44 | 96.5 (96.5-96.6) | 93.5 (93.4-93.6) | 84.8 (84.6-85.1) | 96.3 (96.2-96.4) | 93.1 (93.0-93.2) |
| 45-64 | 93.0 (92.9-93.1) | 87.0 (86.9-87.2) | 71.1 (70.8-71.4) | 93.0 (92.9-93.1) | 87.0 (86.9-87.2) |
| 65-74 | 86.0 (85.9-86.2) | 75.1 (74.9-75.3) | 49.4 (49.2-49.7) | 86.8 (86.6-86.9) | 76.3 (76.1-76.5) |
| 75+ | 73.3 (73.0-73.5) | 55.3 (55.0-55.6) | 23.3 (23.0-23.6) | 75.9 (75.7-76.1) | 59.2 (58.8-59.5) |
| Men | 91.2 (91.1-91.4) | 83.9 (83.7-84.1) | 64.5 (64.2-64.9) | 91.4 (91.3-91.5) | 84.2 (84.0-84.3) |
| Women | 91.9 (91.8-92.0) | 85.1 (84.9-85.3) | 66.9 (66.6-67.3) | 92.0 (91.9-92.2) | 85.4 (85.2-85.6) |
| Diabetes | 89.7 (89.5-89.9) | 81.2 (81.0-81.5) | 59.6 (59.3-60.1) | 90.4 (90.3-90.6) | 82.6 (82.3-82.8) |
| Hypertension / renal vascular disease | 90.5 (90.4-90.7) | 82.7 (82.5-82.9) | 62.4 (62.2-62.8) | 91.0 (90.9-91.1) | 83.5 (83.3-83.7) |
| Glomerulonephritis | 91.3 (91.2-91.5) | 84.1 (83.9-84.3) | 65.1 (64.8-65.4) | 91.5 (91.3-91.6) | 84.3 (84.2-84.5) |
| Other cause | 92.1 (92.0-92.2) | 85.4 (85.2-85.6) | 67.6 (67.3-67.9) | 91.9 (91.8-92.0) | 85.2 (85.0-85.4) |
| All | 91.5 (91.4-91.6) | 84.4 (84.2-84.5) | 65.5 (65.2-65.8) | 91.6 (91.5-91.8) | 84.7 (84.5-84.8) |

*Survival was examined using the Fine and Gray competing risk method, with transplantation as a competing event (see methods)*
*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.9

## First transplant patients (deceased donor), from day of transplant, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 98.6 (97.6-99.2) | 98.4 (97.3-99.0) | 96.6 (95.2-97.6) | 98.3 (97.3-99.0) | 97.9 (96.7-98.6) |
| 20-44 | 98.0 (97.7-98.3) | 97.1 (96.8-97.5) | 94.3 (93.8-94.8) | 98.3 (98.0-98.6) | 97.4 (97.1-97.7) |
| 45-64 | 95.7 (95.3-96.0) | 93.4 (93.0-93.8) | 86.0 (85.5-86.6) | 96.3 (96.0-96.6) | 94.1 (93.7-94.4) |
| 65+ | 90.7 (89.7-91.7) | 86.8 (85.6-87.9) | 73.4 (72.1-74.7) | 91.7 (90.9-92.5) | 88.0 (87.0-88.8) |
| Men | 95.8 (95.5-96.1) | 93.8 (93.4-94.1) | 86.9 (86.4-87.4) | 96.1 (95.8-96.4) | 93.9 (93.6-94.2) |
| Women | 96.5 (96.2-96.9) | 94.9 (94.4-95.3) | 89.6 (89.0-90.1) | 96.7 (96.4-97.0) | 95.2 (94.8-95.5) |
| Diabetes | 94.2 (93.5-94.9) | 91.5 (90.6-92.3) | 82.5 (81.4-83.5) | 94.6 (94.0-95.2) | 91.6 (90.9-92.3) |
| Hypertension / renal vascular disease | 93.7 (92.7-94.6) | 90.7 (89.6-91.7) | 81.6 (80.3-82.8) | 94.5 (93.7-95.2) | 91.8 (90.9-92.6) |
| Glomerulonephritis | 97.2 (96.7-97.6) | 95.9 (95.3-96.4) | 91.3 (90.5-91.9) | 97.5 (97.1-97.9) | 96.1 (95.6-96.5) |
| Other cause | 96.6 (96.3-96.9) | 94.9 (94.6-95.3) | 89.4 (88.9-89.8) | 96.9 (96.6-97.1) | 95.2 (94.8-95.5) |
| All | 96.1 (95.8-96.3) | 94.2 (93.9-94.5) | 87.9 (87.5-88.3) | 96.4 (96.1-96.6) | 94.4 (94.1-94.6) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.10

## First transplant patients (deceased donor), from day of transplant, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 98.5 (97.7-99.4) | 98.3 (97.4-99.2) | 96.4 (95.1-97.7) | | |
| 20-44 | 98.2 (97.9-98.4) | 97.4 (97.0-97.7) | 94.8 (94.3-95.3) | 98.5 (98.2-98.7) | 97.6 (97.3-97.9) |
| 45-64 | 96.1 (95.7-96.4) | 94.0 (93.6-94.4) | 87.1 (86.5-87.7) | 96.6 (96.4-96.9) | 94.6 (94.3-95.0) |
| 65+ | 91.6 (90.6-92.7) | 87.9 (86.7-89.2) | 75.5 (73.8-77.2) | 92.7 (91.9-93.5) | 89.2 (88.3-90.2) |
| Men | 97.5 (97.2-97.7) | 96.2 (95.9-96.5) | 91.7 (91.3-92.2) | 97.9 (97.7-98.1) | 96.6 (96.4-96.9) |
| Women | 97.8 (97.5-98.0) | 96.6 (96.3-97.0) | 93.1 (92.6-93.6) | 98.1 (97.8-98.3) | 97.1 (96.8-97.4) |
| Diabetes | 96.0 (95.5-96.6) | 94.1 (93.4-94.7) | 87.5 (86.5-88.4) | 96.7 (96.3-97.1) | 94.8 (94.3-95.4) |
| Hypertension / renal vascular disease | 96.9 (96.4-97.4) | 95.3 (94.7-95.9) | 90.3 (89.4-91.3) | 97.4 (97.0-97.8) | 96.0 (95.5-96.5) |
| Glomerulonephritis | 98.1 (97.7-98.4) | 97.1 (96.8-97.5) | 93.8 (93.3-94.4) | 98.4 (98.2-98.7) | 97.5 (97.2-97.8) |
| Other cause | 97.7 (97.4-97.9) | 96.5 (96.2-96.8) | 92.5 (92.0-92.9) | 98.0 (97.8-98.2) | 96.9 (96.6-97.1) |
| All | 97.6 (97.4-97.8) | 96.4 (96.2-96.6) | 92.3 (91.9-92.7) | 98.0 (97.8-98.1) | 96.8 (96.6-97.0) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.11

## First transplant patients (living donor), from day of transplant, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 99.2 (97.8-99.7) | 99.2 (97.8-99.7) | 98.3 (96.7-99.1) | 99.6 (98.4-99.9) | 99.6 (98.4-99.9) |
| 20-44 | 99.3 (99.0-99.5) | 98.9 (98.5-99.2) | 97.7 (97.2-98.1) | 99.5 (99.3-99.7) | 99.1 (98.8-99.4) |
| 45-64 | 97.8 (97.2-98.2) | 96.5 (95.8-97.1) | 91.6 (90.6-92.4) | 98.4 (98.0-98.7) | 97.3 (96.8-97.7) |
| 65+ | 94.7 (92.4-96.4) | 91.3 (88.6-93.4) | 79.4 (76.2-82.3) | 96.4 (94.8-97.5) | 93.1 (91.2-94.6) |
| Men | 98.3 (97.9-98.6) | 97.4 (96.9-97.8) | 93.8 (93.1-94.4) | 98.7 (98.4-99.0) | 97.9 (97.5-98.2) |
| Women | 98.6 (98.1-98.9) | 97.6 (97.0-98.1) | 94.9 (94.0-95.6) | 98.9 (98.5-99.2) | 97.9 (97.4-98.3) |
| Diabetes | 96.1 (94.3-97.4) | 93.7 (91.6-95.3) | 85.1 (82.5-87.4) | 96.7 (95.2-97.7) | 95.0 (93.3-96.2) |
| Hypertension / renal vascular disease | 96.8 (95.1-97.9) | 95.6 (93.6-96.9) | 90.6 (88.1-92.5) | 97.5 (96.2-98.4) | 95.9 (94.4-97.1) |
| Glomerulonephritis | 99.2 (98.7-99.5) | 98.7 (98.1-99.1) | 96.8 (95.9-97.5) | 99.4 (99.0-99.6) | 98.8 (98.3-99.2) |
| Other cause | 98.6 (98.2-98.9) | 97.9 (97.4-98.3) | 95.0 (94.3-95.6) | 99.0 (98.7-99.3) | 98.3 (97.9-98.6) |
| All | 98.4 (98.1-98.7) | 97.5 (97.1-97.8) | 94.2 (93.7-94.7) | 98.8 (98.6-99.0) | 97.9 (97.6-98.2) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.12

## First transplant patients (living donor), from day of transplant, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | | | | | |
| 20-44 | 99.3 (99.0-99.6) | 98.9 (98.6-99.3) | 97.8 (97.3-98.3) | 99.5 (99.3-99.7) | 99.1 (98.8-99.4) |
| 45-64 | 98.0 (97.5-98.5) | 96.9 (96.3-97.5) | 92.4 (91.4-93.3) | 98.6 (98.3-98.9) | 97.7 (97.2-98.1) |
| 65+ | 95.9 (94.2-97.7) | 93.6 (91.5-95.9) | 83.0 (79.6-86.6) | 96.8 (95.5-98.0) | 94.0 (92.3-95.7) |
| Men | 98.8 (98.5-99.1) | 98.2 (97.9-98.6) | 95.5 (94.9-96.1) | 99.2 (99.0-99.4) | 98.7 (98.4-98.9) |
| Women | 98.9 (98.5-99.2) | 98.1 (97.7-98.6) | 95.9 (95.2-96.6) | 99.2 (98.9-99.5) | 98.4 (98.0-98.8) |
| Diabetes | 97.5 (96.5-98.6) | 96.0 (94.7-97.3) | 90.2 (88.1-92.3) | 98.0 (97.2-98.8) | 96.9 (96.0-97.9) |
| Hypertension / renal vascular disease | 98.2 (97.4-99.1) | 97.5 (96.6-98.5) | 94.6 (93.1-96.1) | 98.7 (98.0-99.3) | 97.8 (97.0-98.6) |
| Glomerulonephritis | 99.3 (98.9-99.6) | 98.9 (98.4-99.3) | 97.1 (96.4-97.8) | 99.5 (99.2-99.7) | 99.0 (98.6-99.3) |
| Other cause | 98.8 (98.5-99.1) | 98.2 (97.8-98.6) | 95.6 (95.0-96.2) | 99.2 (99.0-99.4) | 98.6 (98.3-98.9) |
| All | 98.8 (98.6-99.1) | 98.2 (97.9-98.5) | 95.7 (95.2-96.2) | 99.2 (99.0-99.3) | 98.6 (98.3-98.8) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.13

## First graft (deceased donor), from day of transplant, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 92.3 (90.5-93.8) | 89.8 (87.9-91.5) | 80.8 (78.5-82.8) | 92.6 (90.9-94.1) | 89.3 (87.3-91.0) |
| 20-44 | 93.3 (92.8-93.8) | 91.1 (90.6-91.7) | 84.3 (83.6-85.0) | 93.9 (93.4-94.3) | 91.9 (91.3-92.4) |
| 45-64 | 90.5 (90.1-91.0) | 87.5 (87.0-88.0) | 78.2 (77.6-78.8) | 91.0 (90.5-91.4) | 87.9 (87.5-88.4) |
| 65+ | 84.4 (83.2-85.6) | 80.3 (79.0-81.5) | 65.4 (64.2-66.6) | 85.7 (84.7-86.6) | 81.4 (80.4-82.4) |
| Men | 90.9 (90.5-91.3) | 87.9 (87.4-88.4) | 78.6 (78.0-79.1) | 91.0 (90.6-91.4) | 87.9 (87.5-88.4) |
| Women | 90.9 (90.3-91.4) | 88.3 (87.7-88.9) | 79.8 (79.2-80.5) | 91.5 (91.0-92.0) | 88.9 (88.3-89.4) |
| Diabetes | 89.9 (89.0-90.7) | 86.2 (85.2-87.2) | 75.2 (74.1-76.2) | 90.2 (89.4-90.9) | 86.7 (85.8-87.5) |
| Hypertension / renal vascular disease | 88.1 (86.9-89.2) | 84.6 (83.3-85.8) | 71.6 (70.2-72.8) | 88.4 (87.4-89.4) | 85.0 (83.9-86.0) |
| Glomerulonephritis | 91.6 (90.9-92.2) | 88.9 (88.1-89.6) | 81.2 (80.3-82.0) | 91.9 (91.2-92.5) | 89.0 (88.2-89.7) |
| Other cause | 91.5 (91.1-92.0) | 88.9 (88.4-89.4) | 80.8 (80.2-81.3) | 91.9 (91.5-92.3) | 89.3 (88.8-89.7) |
| All | 90.9 (90.6-91.2) | 88.1 (87.7-88.4) | 79.0 (78.6-79.4) | 91.2 (90.9-91.5) | 88.3 (88.0-88.6) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.14

## First graft (deceased donor), from day of transplant, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 91.9 (90.1-93.8) | 89.3 (87.2-91.5) | 79.8 (77.1-82.6) | 92.5 (90.8-94.3) | 89.0 (86.9-91.1) |
| 20-44 | 93.6 (93.1-94.1) | 91.5 (90.9-92.1) | 84.9 (84.1-85.7) | 94.1 (93.6-94.6) | 92.1 (91.5-92.7) |
| 45-64 | 90.9 (90.4-91.4) | 87.9 (87.4-88.5) | 78.9 (78.2-79.7) | 91.3 (90.9-91.8) | 88.4 (87.9-88.9) |
| 65+ | 85.3 (83.9-86.7) | 81.3 (79.8-82.8) | 66.9 (65.1-68.8) | 86.6 (85.5-87.6) | 82.4 (81.2-83.5) |
| Men | 92.3 (91.9-92.7) | 89.7 (89.2-90.2) | 81.4 (80.8-82.1) | 92.6 (92.3-93.0) | 90.0 (89.6-90.5) |
| Women | 91.9 (91.4-92.5) | 89.6 (89.0-90.2) | 81.9 (81.1-82.7) | 92.7 (92.2-93.2) | 90.4 (89.8-90.9) |
| Diabetes | 90.9 (90.0-91.8) | 87.6 (86.6-88.6) | 77.3 (76.0-78.7) | 91.6 (90.9-92.4) | 88.6 (87.7-89.4) |
| Hypertension / renal vascular disease | 90.6 (89.6-91.7) | 87.8 (86.6-89.0) | 77.0 (75.4-78.6) | 91.1 (90.2-92.0) | 88.3 (87.3-89.3) |
| Glomerulonephritis | 92.3 (91.6-93.0) | 89.9 (89.1-90.7) | 82.7 (81.7-83.7) | 92.8 (92.2-93.5) | 90.2 (89.5-91.0) |
| Other cause | 92.3 (91.9-92.8) | 90.0 (89.5-90.5) | 82.4 (81.7-83.1) | 92.8 (92.4-93.3) | 90.5 (90.0-91.0) |
| All | 92.2 (91.8-92.5) | 89.7 (89.3-90.1) | 81.6 (81.1-82.2) | 92.7 (92.4-93.0) | 90.2 (89.8-90.6) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.15

## First graft (living donor), from day of transplant, unadjusted

*by age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 95.8 (93.7-97.2) | 94.1 (91.8-95.8) | 85.6 (82.7-88.1) | 96.8 (95.0-98.0) | 95.8 (93.8-97.2) |
| 20-44 | 95.8 (95.1-96.4) | 94.2 (93.4-94.9) | 88.9 (88.0-89.8) | 96.7 (96.1-97.2) | 95.1 (94.5-95.7) |
| 45-64 | 95.4 (94.7-96.1) | 93.4 (92.6-94.2) | 86.6 (85.5-87.7) | 96.0 (95.5-96.6) | 94.2 (93.5-94.8) |
| 65+ | 93.2 (90.6-95.0) | 89.3 (86.4-91.6) | 76.0 (72.8-78.9) | 95.0 (93.3-96.3) | 91.6 (89.6-93.3) |
| Men | 95.5 (94.9-96.1) | 93.8 (93.1-94.4) | 87.0 (86.1-87.8) | 96.2 (95.8-96.7) | 94.8 (94.2-95.3) |
| Women | 95.4 (94.6-96.1) | 93.2 (92.3-94.0) | 87.2 (86.0-88.2) | 96.4 (95.7-96.9) | 94.1 (93.3-94.7) |
| Diabetes | 93.6 (91.4-95.2) | 90.7 (88.3-92.6) | 79.3 (76.6-81.8) | 94.0 (92.2-95.3) | 91.9 (89.9-93.5) |
| Hypertension / renal vascular disease | 93.4 (91.2-95.1) | 90.4 (88.0-92.4) | 82.0 (79.3-84.5) | 95.0 (93.4-96.3) | 92.4 (90.5-94.0) |
| Glomerulonephritis | 95.9 (94.9-96.6) | 93.8 (92.7-94.7) | 87.4 (86.0-88.6) | 96.1 (95.3-96.8) | 94.5 (93.6-95.3) |
| Other cause | 95.8 (95.2-96.4) | 94.4 (93.7-95.0) | 88.7 (87.8-89.5) | 96.9 (96.4-97.3) | 95.2 (94.7-95.7) |
| All | 95.5 (95.0-95.9) | 93.6 (93.0-94.1) | 87.0 (86.4-87.7) | 96.3 (95.9-96.6) | 94.5 (94.1-94.9) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Table B.6.16

## First graft (living donor), from day of transplant, adjusted

*adjusted for age, gender, and primary diagnosis*

| | Survival probabilities as % (95% CI) | | | | |
|---|---|---|---|---|---|
| | COHORT 2005 - 2009 | | | COHORT 2008 - 2012 | |
| | 1 year | 2 year | 5 year | 1 year | 2 year |
| 0-19 | 95.2 (93.2-97.3) | 93.6 (91.2-96.0) | 84.2 (80.7-87.8) | 96.4 (94.7-98.1) | 95.5 (93.6-97.4) |
| 20-44 | 95.7 (95.0-96.4) | 94.1 (93.3-94.9) | 88.8 (87.7-89.9) | 96.6 (96.1-97.2) | 95.1 (94.4-95.8) |
| 45-64 | 95.5 (94.8-96.3) | 93.6 (92.7-94.5) | 87.0 (85.8-88.2) | 96.1 (95.6-96.7) | 94.5 (93.8-95.2) |
| 65+ | 94.2 (92.1-96.4) | 91.3 (88.7-93.9) | 78.4 (74.5-82.4) | 95.1 (93.5-96.7) | 91.9 (89.9-93.9) |
| Men | 95.6 (95.0-96.2) | 94.0 (93.3-94.7) | 87.1 (86.1-88.1) | 96.4 (95.9-96.9) | 95.1 (94.5-95.6) |
| Women | 95.2 (94.4-96.0) | 93.0 (92.1-94.0) | 86.9 (85.6-88.2) | 96.3 (95.6-96.9) | 93.9 (93.1-94.7) |
| Diabetes | 93.8 (91.9-95.7) | 91.0 (88.8-93.3) | 80.0 (76.8-83.2) | 94.3 (92.8-95.9) | 92.4 (90.6-94.2) |
| Hypertension / renal vascular disease | 93.8 (91.8-95.7) | 90.9 (88.6-93.2) | 82.8 (79.8-86.0) | 95.4 (94.0-96.9) | 93.0 (91.2-94.8) |
| Glomerulonephritis | 95.8 (94.9-96.7) | 93.7 (92.6-94.8) | 87.1 (85.6-88.6) | 96.0 (95.2-96.8) | 94.3 (93.4-95.3) |
| Other cause | 95.7 (95.1-96.4) | 94.3 (93.6-95.0) | 88.5 (87.5-89.5) | 96.8 (96.4-97.3) | 95.2 (94.7-95.8) |
| All | 95.5 (95.0-96.0) | 93.7 (93.1-94.2) | 87.0 (86.3-87.8) | 96.3 (96.0-96.7) | 94.6 (94.2-95.1) |

*Based on data from Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Denmark, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (All countries)*

Figure B.6.1

## Adjusted survival (cohort 2005-2009): Incident dialysis patients and patients receiving a first transplant (between 2005 and 2009)

*from day 91, by modality,*
*adjusted for age, gender, and primary diagnosis*

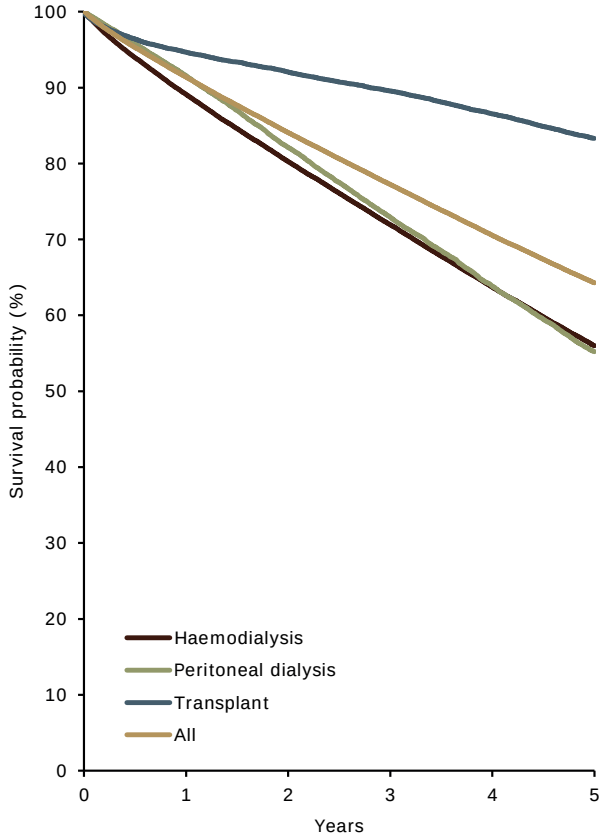



Figure B.6.2

## Adjusted survival (cohort 2005-2009): Incident haemodialysis patients

*from day 91, by primary diagnosis,*
*adjusted for age and gender*

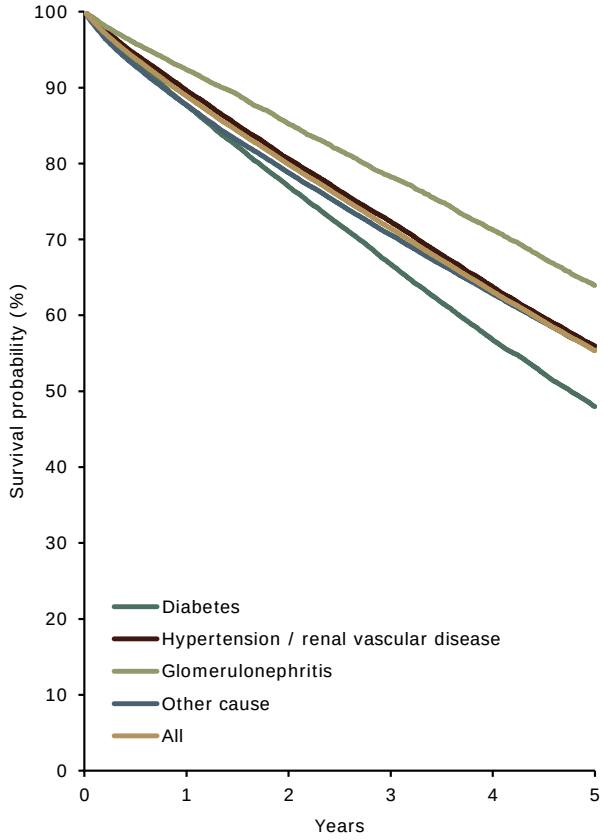
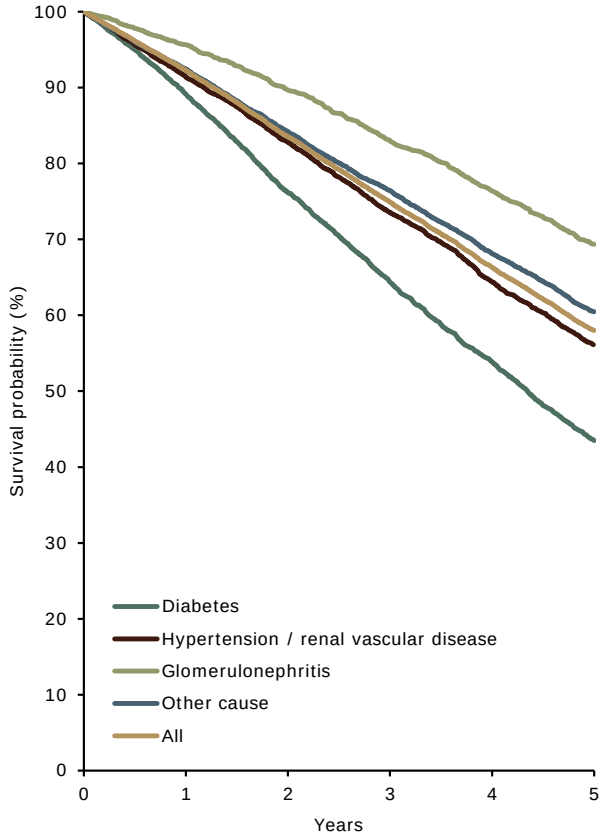



Figure B.6.3

## Adjusted survival (cohort 2005-2009): Incident peritoneal dialysis patients

*from day 91, by primary diagnosis,*
*adjusted for age and gender*




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

Figure B.6.4

## Adjusted survival (cohort 2005-2009): Incident dialysis patients and patients receiving a first transplant (between 2005 and 2009)

*from day 91, by modality,*
*adjusted for age, gender, and primary diagnosis*

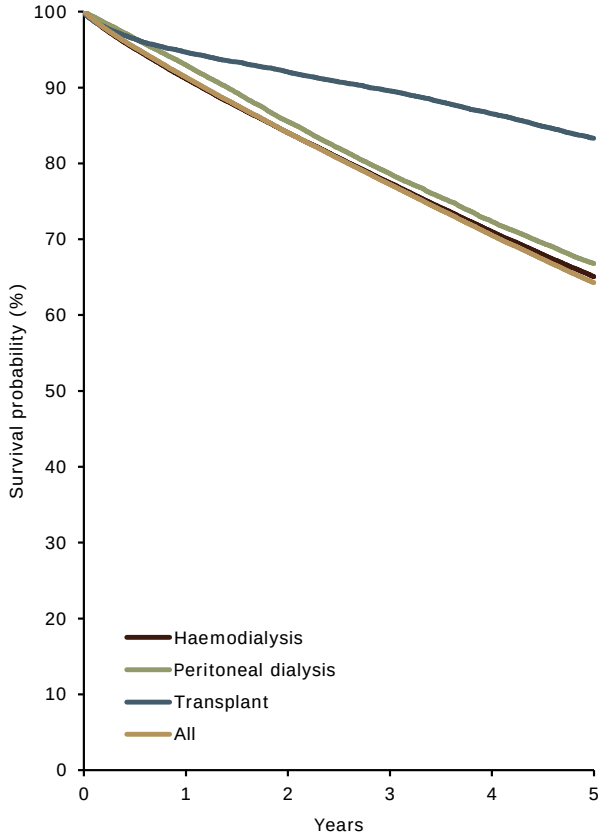



Figure B.6.5

## Adjusted survival (cohort 2005-2009): Incident haemodialysis patients

*from day 91, by primary diagnosis,*
*adjusted for age and gender*

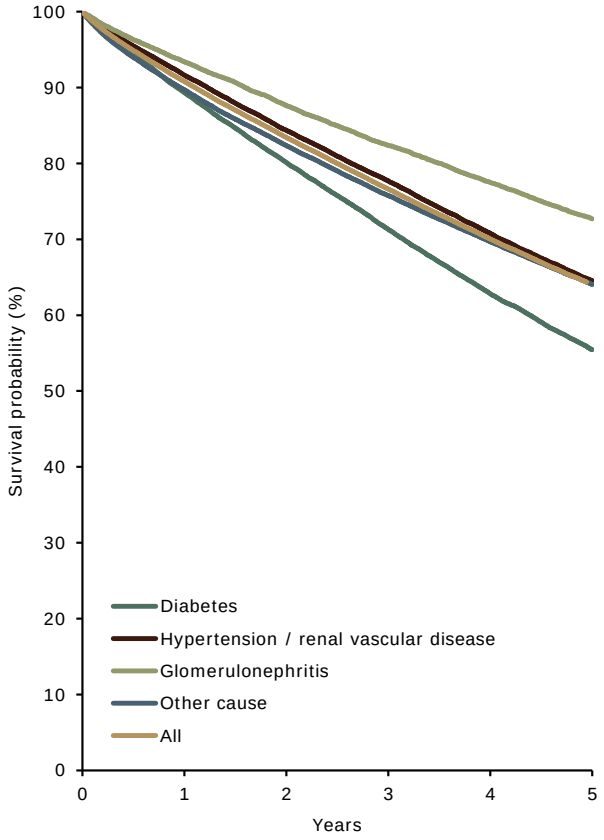
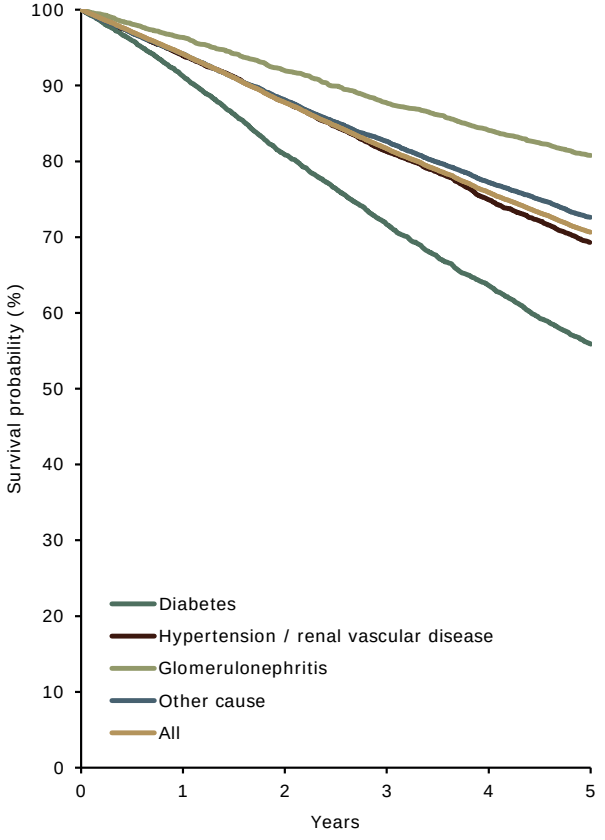



Figure B.6.6

## Adjusted survival (cohort 2005-2009): Incident peritoneal dialysis patients

*from day 91, by primary diagnosis,*
*adjusted for age and gender*




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

Table B.7.1

## Expected remaining lifetimes (years) of the general population in 2013 and 2014, and of prevalent dialysis and transplant patients in 2013 and 2014 (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 | 81.4 | 78.9 | 83.8 | 0-19 | 37.9 | 38.0 | 37.9 | 0-19 | 62.2 | 61.7 | 63.1 |
| 5 | 76.7 | 74.2 | 79.1 | | | | | | | | |
| 10 | 71.7 | 69.2 | 74.1 | | | | | | | | |
| 15 | 66.7 | 64.3 | 69.1 | | | | | | | | |
| 20 | 61.8 | 59.4 | 64.2 | 20-24 | 21.9 | 22.2 | 21.5 | 20-24 | 44.0 | 43.4 | 45.2 |
| 25 | 56.9 | 54.5 | 59.2 | 25-29 | 19.0 | 19.2 | 18.7 | 25-29 | 39.5 | 38.9 | 40.5 |
| 30 | 52.0 | 49.7 | 54.3 | 30-34 | 16.3 | 16.2 | 16.5 | 30-34 | 35.1 | 34.6 | 36.1 |
| 35 | 47.2 | 44.8 | 49.4 | 35-39 | 14.1 | 14.2 | 14.0 | 35-39 | 30.7 | 30.3 | 31.6 |
| 40 | 42.4 | 40.1 | 44.5 | 40-44 | 12.0 | 12.0 | 12.1 | 40-44 | 26.7 | 26.1 | 27.8 |
| 45 | 37.6 | 35.4 | 39.7 | 45-49 | 10.3 | 10.1 | 10.6 | 45-49 | 23.0 | 22.3 | 24.2 |
| 50 | 33.0 | 30.8 | 35.0 | 50-54 | 8.6 | 8.5 | 8.9 | 50-54 | 19.1 | 18.4 | 20.4 |
| 55 | 28.5 | 26.4 | 30.4 | 55-59 | 7.2 | 7.1 | 7.5 | 55-59 | 15.8 | 15.1 | 17.0 |
| 60 | 24.2 | 22.2 | 25.9 | 60-64 | 6.2 | 6.0 | 6.5 | 60-64 | 12.7 | 12.3 | 13.5 |
| 65 | 20.0 | 18.3 | 21.6 | 65-69 | 5.4 | 5.2 | 5.6 | 65-69 | 9.9 | 9.5 | 10.6 |
| 70 | 16.1 | 14.6 | 17.4 | 70-74 | 4.7 | 4.6 | 4.8 | 70-74 | 7.6 | 7.2 | 8.1 |
| 75 | 12.5 | 11.2 | 13.4 | 75-79 | 3.8 | 3.7 | 3.9 | 75-79 | 5.3 | 5.2 | 5.3 |
| 80 | 9.1 | 8.1 | 9.8 | 80-84 | 2.5 | 2.5 | 2.5 | 80-84 | 2.7 | 2.6 | 2.7 |
| 85 | 6.3 | 5.6 | 6.7 | | | | | | | | |

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

## Section C: Aggregated data reference tables

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

| | General population of whole country / region in thousands | % Coverage of general population by the registry | Total number of renal centres of whole country / region | Number of renal centres collaborating with the registry |
|---|---|---|---|---|
| Albania | 2892 | 99.0 | 9 | 8 |
| Bulgaria | 7364 | 98.0 | 73 | 71 |
| Croatia | 4284 | 95.0 | 47 | 41 |
| Cyprus | 847 | 100 | 6 | 6 |
| Czech Republic | 10538 | 97.0 | 103 | 100 |
| Georgia | 4491 | 100 | 19 | 19 |
| Israel | 8216 | 100 | 76 | 76 |
| Italy (6 of 20 regions) | 60783 | 35.0 | 649 | 242 |
| Latvia | 1987 | 80.0 | 24 | 22 |
| Lithuania | 2943 | 100 | 61 | 61 |
| Macedonia | 2022 | 100 | 23 | 23 |
| Poland | 38250 | 95.0 | 282 | 277 |
| Portugal | 10427 | 100 | 121 | 121 |
| Slovakia | 5421 | 100 | 69 | 69 |
| Spain | 46771 | 100 | 341 | 341 |
| Switzerland | 8238 | 99.9 | 84 | 83 |
| Tunisia, Sfax region | 10982 | 10.8 | 157 | 17 |
| Turkey | 77696 | 100 | 1026 | 1026 |
| Ukraine | 42903 | 100 | 56 | 56 |

Table C.2.1

## Incident counts and percentages by age and gender

*at day 1*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Albania | 252 | 147 | 105 | 6 | 2 | 1 | 1 | 5 | 5 | 55 | 22 | 32 | 22 | 23 | 22 | 126 | 50 | 74 | 50 | 52 | 50 | 50 | 20 | 30 | 20 | 20 | 19 | 15 | 6 | 10 | 7 | 5 | 5 |
| Bulgaria † | 1197 | 606 | 591 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Croatia | 640 | 330 | 310 | 3 | 0 | 2 | 1 | 1 | 0 | 46 | 7 | 31 | 9 | 15 | 5 | 232 | 36 | 116 | 35 | 116 | 37 | 249 | 39 | 129 | 39 | 120 | 39 | 110 | 17 | 52 | 16 | 58 | 19 |
| Cyprus | 173 | 121 | 52 | 1 | 1 | 0 | 0 | 1 | 2 | 13 | 8 | 5 | 4 | 8 | 15 | 67 | 39 | 51 | 42 | 16 | 31 | 44 | 25 | 32 | 26 | 12 | 23 | 48 | 28 | 33 | 27 | 15 | 29 |
| Czech Republic † | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 743 | 476 | 267 | 22 | 3 | 13 | 3 | 9 | 3 | 167 | 22 | 114 | 24 | 53 | 20 | 308 | 41 | 197 | 41 | 111 | 42 | 163 | 22 | 102 | 21 | 61 | 23 | 83 | 11 | 50 | 11 | 33 | 12 |
| Israel | 1668 | 1053 | 615 | 48 | 3 | 28 | 3 | 20 | 3 | 149 | 9 | 97 | 9 | 52 | 8 | 523 | 31 | 356 | 34 | 167 | 27 | 436 | 26 | 259 | 25 | 177 | 29 | 512 | 31 | 313 | 30 | 199 | 32 |
| Italy (6 of 20 regions) | 3243 | 2071 | 1172 | 23 | 1 | 13 | 1 | 10 | 1 | 252 | 8 | 158 | 8 | 94 | 8 | 798 | 25 | 523 | 25 | 275 | 23 | 807 | 25 | 532 | 26 | 275 | 23 | 1363 | 42 | 845 | 41 | 518 | 44 |
| Latvia | 152 | 80 | 72 | 1 | 1 | 1 | 1 | 0 | 0 | 19 | 13 | 9 | 11 | 10 | 14 | 51 | 34 | 26 | 33 | 25 | 35 | 47 | 31 | 25 | 31 | 22 | 31 | 34 | 22 | 19 | 24 | 15 | 21 |
| Lithuania | 306 | 137 | 169 | 2 | 1 | 0 | 0 | 2 | 1 | 53 | 17 | 26 | 19 | 27 | 16 | 160 | 52 | 68 | 50 | 92 | 54 | 67 | 22 | 27 | 20 | 40 | 24 | 24 | 8 | 16 | 12 | 8 | 5 |
| Macedonia | 268 | 165 | 103 | 1 | 0 | 0 | 0 | 1 | 1 | 27 | 10 | 13 | 8 | 14 | 14 | 107 | 40 | 66 | 40 | 41 | 40 | 69 | 26 | 45 | 27 | 24 | 23 | 64 | 24 | 41 | 25 | 23 | 22 |
| Poland | 4341 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal | 2473 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slovakia | 831 | 502 | 329 | 2 | 0 | 2 | 0 | 0 | 0 | 78 | 9 | 50 | 10 | 28 | 9 | 312 | 38 | 208 | 41 | 104 | 32 | 249 | 30 | 150 | 30 | 99 | 30 | 190 | 23 | 92 | 18 | 98 | 30 |
| Spain | 6229 | 4153 | 2076 | 29 | 0 | 20 | 0 | 9 | 0 | 694 | 11 | 433 | 10 | 261 | 13 | 1938 | 31 | 1318 | 32 | 620 | 30 | 1702 | 27 | 1139 | 27 | 563 | 27 | 1866 | 30 | 1243 | 30 | 623 | 30 |
| Switzerland | 800 | 527 | 272 | 8 | 1 | 6 | 1 | 2 | 1 | 76 | 10 | 52 | 10 | 23 | 8 | 263 | 33 | 161 | 31 | 102 | 38 | 199 | 25 | 138 | 26 | 61 | 22 | 254 | 32 | 170 | 32 | 84 | 31 |
| Tunisia, Sfax region | 165 | 94 | 71 | 5 | 3 | 3 | 3 | 2 | 3 | 21 | 13 | 13 | 14 | 8 | 11 | 64 | 39 | 41 | 44 | 23 | 32 | 43 | 26 | 23 | 24 | 20 | 28 | 32 | 19 | 14 | 15 | 18 | 25 |
| Turkey | 11447 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ukraine | 998 | 579 | 419 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Table C.2.2

## Incident rates per million (age-related) population by age and gender, unadjusted

*at day 1*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Albania | 88.0 | 101.6 | 74.1 | 7.8 | 2.5 | 13.4 | 55.6 | 63.0 | 47.8 | 169.0 | 200.4 | 138.2 | 228.5 | 278.0 | 180.4 | 109.8 | 162.9 | 66.5 |
| Bulgaria † | 165.9 | 173.9 | 158.4 | | | | | | | | | | | | | | | |
| Croatia | 157.3 | 168.2 | 147.1 | 3.5 | 4.6 | 2.4 | 34.1 | 45.4 | 22.6 | 201.5 | 206.3 | 196.9 | 633.1 | 762.9 | 535.2 | 336.6 | 467.8 | 269.0 |
| Cyprus | 204.3 | 293.7 | 119.5 | 5.2 | 0 | 10.6 | 40.1 | 32.1 | 47.6 | 323.7 | 505.0 | 150.9 | 602.7 | 914.3 | 315.8 | 941.2 | 1500.0 | 517.2 |
| Czech Republic † | 197.3 | | | | | | | | | | | | | | | | | |
| Georgia | 165.5 | 222.3 | 113.7 | 21.1 | 23.8 | 18.2 | 100.3 | 137.7 | 63.4 | 266.3 | 372.5 | 176.8 | 525.8 | 812.1 | 330.8 | 261.7 | 446.8 | 160.8 |
| Israel | 203.0 | 258.7 | 148.4 | 16.2 | 18.5 | 13.9 | 52.9 | 68.8 | 37.1 | 335.0 | 471.0 | 207.4 | 905.5 | 1158.8 | 686.0 | 1275.9 | 1897.0 | 842.1 |
| Italy (6 of 20 regions) | 152.4 | 200.7 | 107.0 | 5.8 | 6.4 | 5.2 | 37.1 | 46.3 | 27.8 | 133.7 | 179.2 | 90.1 | 355.2 | 498.9 | 228.1 | 597.0 | 956.5 | 370.1 |
| Latvia | 95.6 | 109.6 | 83.7 | 3.2 | 6.3 | 0 | 35.3 | 33.1 | 37.7 | 117.2 | 131.0 | 105.6 | 290.8 | 416.7 | 216.5 | 231.0 | 465.7 | 141.0 |
| Lithuania | 104.0 | 101.0 | 106.5 | 3.3 | 0 | 6.8 | 54.4 | 53.3 | 55.6 | 195.4 | 181.8 | 206.7 | 242.8 | 259.6 | 232.6 | 90.2 | 205.1 | 42.6 |
| Macedonia | 132.5 | 162.6 | 102.3 | 1.7 | 0 | 3.5 | 35.5 | 33.4 | 37.6 | 234.6 | 293.3 | 177.5 | 472.6 | 661.8 | 307.7 | 941.2 | 1413.8 | 589.7 |
| Poland | 119.5 | | | | | | | | | | | | | | | | | |
| Portugal | 237.2 | | | | | | | | | | | | | | | | | |
| Slovakia | 153.3 | 190.0 | 118.4 | 1.8 | 3.5 | 0 | 37.5 | 47.0 | 27.5 | 213.6 | 292.1 | 138.9 | 552.1 | 789.5 | 379.3 | 620.9 | 920.0 | 475.7 |
| Spain | 133.2 | 180.7 | 87.3 | 4.1 | 5.5 | 2.6 | 36.8 | 45.1 | 28.2 | 155.9 | 214.1 | 98.8 | 411.2 | 587.7 | 255.8 | 433.7 | 742.1 | 237.1 |
| Switzerland | 97.2 | 129.5 | 65.4 | 4.8 | 7.0 | 2.5 | 27.2 | 36.8 | 16.6 | 113.9 | 138.6 | 88.9 | 253.1 | 367.4 | 148.6 | 375.0 | 635.0 | 205.1 |
| Tunisia, Sfax region | 138.9 | 158.8 | 119.1 | 13.4 | 15.6 | 11.1 | 44.2 | 56.1 | 32.9 | 257.8 | 333.3 | 183.7 | 822.8 | 908.4 | 742.3 | 782.4 | 707.0 | 853.1 |
| Turkey | 147.3 | | | | | | | | | | | | | | | | | |
| Ukraine | 23.3 | 29.2 | 18.2 | | | | | | | | | | | | | | | |

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

Table C.2.3

## Gender, mean age, and median age of incident patients

*at day 1*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Albania | 100 | 55.1 | 15.8 | 52.0 | 58.3 | 56.4 | 14.4 | 53.0 | 41.7 | 53.4 | 17.6 | 51.0 |
| Bulgaria † | 100 | | | | 50.6 | | | | 49.4 | | | |
| Croatia | 100 | 63.7 | 12.3 | 65.0 | 51.6 | 62.3 | 13.2 | 65.0 | 48.4 | 65.2 | 10.9 | 67.0 |
| Cyprus | 100 | 64.6 | 14.6 | 66.0 | 69.9 | 65.7 | 11.7 | 70.0 | 30.1 | 61.8 | 19.5 | 70.0 |
| Czech Republic | | | | | | | | | | | | |
| Georgia | 100 | 58.4 | 16.1 | 59.3 | 64.1 | 58.7 | 15.6 | 59.6 | 35.9 | 57.8 | 16.8 | 60.3 |
| Israel | 100 | 64.6 | 17.4 | 67.5 | 63.1 | 64.1 | 17.2 | 66.6 | 36.9 | 65.3 | 17.7 | 69.1 |
| Italy (6 of 20 regions) | 100 | 68.6 | 15.3 | 72.5 | 63.9 | 68.4 | 15.0 | 72.5 | 36.1 | 69.0 | 15.8 | 72.5 |
| Latvia | 100 | 63.3 | 14.7 | 65.0 | 52.6 | 63.8 | 15.5 | 65.5 | 47.4 | 62.7 | 13.9 | 65.0 |
| Lithuania | 100 | 57.8 | 15.2 | 58.0 | 44.8 | 60.7 | 14.9 | 59.0 | 55.2 | 55.5 | 14.2 | 57.0 |
| Macedonia | 100 | 63.2 | 13.6 | 64.0 | 61.6 | 64.4 | 12.7 | 65.0 | 38.4 | 61.3 | 14.9 | 63.0 |
| Poland | | | | | | | | | | | | |
| Portugal | | | | | | | | | | | | |
| Slovakia | 100 | 63.8 | 14.0 | 66.0 | 60.4 | 62.8 | 13.6 | 64.0 | 39.6 | 65.4 | 14.1 | 67.0 |
| Spain | 100 | 63.0 | 15.4 | 67.7 | 66.7 | 63.2 | 15.1 | 67.7 | 33.3 | 62.6 | 15.8 | 67.6 |
| Switzerland | 100 | 64.5 | 15.7 | 67.2 | 65.9 | 64.8 | 15.7 | 67.9 | 34.0 | 63.9 | 15.5 | 65.0 |
| Tunisia, Sfax region | 100 | 60.1 | 16.5 | 63.0 | 57.0 | 58.7 | 16.2 | 61.0 | 43.0 | 62.0 | 16.9 | 66.0 |
| Turkey | | | | | | | | | | | | |
| Ukraine | 100 | | | | 58.0 | | | | 42.0 | | | |

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

Table C.2.4

## Incident rates per million population and percentages by cause of renal failure, unadjusted

*at day 1*

| | 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 | % |
| Albania | 88.0 | 100 | 12.9 | 14.7 | 19.2 | 21.8 | 3.8 | 4.4 | 2.8 | 3.2 | 7.7 | 8.7 | 10.5 | 11.9 | 6.6 | 7.5 | 1.7 | 2.0 | 9.8 | 11.1 | 23.4 | 26.6 | 0 | 0 |
| Bulgaria † | 165.9 | 100 | 26.3 | 15.9 | 14.4 | 8.7 | 14.7 | 8.9 | | | | | 38.9 | 23.5 | 19.1 | 11.5 | 15.8 | 9.5 | 20.1 | 12.1 | 14.0 | 8.4 | 2.5 | 1.5 |
| Croatia | 157.3 | 100 | 17.2 | 10.9 | 17.2 | 10.9 | 23.6 | 15.0 | 6.1 | 3.9 | 39.6 | 25.2 | 45.7 | 29.1 | 26.5 | 16.9 | 7.4 | 4.7 | 17.2 | 10.9 | 2.5 | 1.6 | 0 | 0 |
| Cyprus | 204.3 | 100 | 14.2 | 6.9 | 4.7 | 2.3 | 14.2 | 6.9 | 4.7 | 2.3 | 63.8 | 31.2 | 68.5 | 33.5 | 23.6 | 11.6 | 2.4 | 1.2 | 29.5 | 14.5 | 47.2 | 23.1 | 0 | 0 |
| Czech Republic | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 165.5 | 100 | 19.6 | 11.8 | 13.8 | 8.3 | 12.0 | 7.3 | 4.7 | 2.8 | 30.7 | 18.6 | 35.4 | 21.4 | 16.7 | 10.1 | 8.0 | 4.8 | 7.6 | 4.6 | 49.2 | 29.7 | 3.1 | 1.9 |
| Israel | 203.0 | 100 | 13.9 | 6.8 | 2.9 | 1.4 | 5.1 | 2.5 | 54.2 | 26.7 | 44.1 | 21.7 | 98.2 | 48.4 | 15.6 | 7.7 | 6.5 | 3.2 | 23.2 | 11.5 | 28.7 | 14.1 | 8.9 | 4.4 |
| Italy (6 of 20 regions) | 152.4 | 100 | 16.0 | 10.5 | 5.4 | 3.5 | 7.6 | 5.0 | | | | | 26.2 | 17.2 | 22.0 | 14.5 | 5.9 | 3.9 | 16.3 | 10.7 | 33.9 | 22.3 | 19.1 | 12.5 |
| Latvia | 95.6 | 100 | 12.6 | 13.2 | 18.2 | 19.1 | 9.4 | 9.9 | 3.8 | 3.9 | 10.7 | 11.2 | 14.5 | 15.1 | 17.6 | 18.4 | 0.6 | 0.7 | 11.3 | 11.8 | 11.3 | 11.8 | 0 | 0 |
| Lithuania + | 104.0 | 100 | 14.3 | 13.7 | 5.4 | 5.2 | 6.8 | 6.5 | | | | | 16.3 | 15.7 | 16.3 | 15.7 | | | 15.0 | 14.4 | 1.4 | 1.3 | 28.5 | 27.5 |
| Macedonia | 132.5 | 100 | 9.9 | 7.5 | 12.9 | 9.7 | 4.9 | 3.7 | 2.0 | 1.5 | 28.7 | 21.6 | 30.7 | 23.1 | 41.5 | 31.3 | 0 | 0 | 12.9 | 9.7 | 19.3 | 14.6 | 0.5 | 0.4 |
| Poland | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal & + | 237.2 | 100 | 25.4 | 10.7 | | | 10.2 | 4.3 | | | | | 75.8 | 31.9 | 34.6 | 14.6 | | | 48.4 | 20.4 | 40.7 | 17.1 | 2.1 | 0.9 |
| Slovakia | 153.3 | 100 | 15.7 | 10.2 | 10.3 | 6.7 | 6.8 | 4.5 | | | | | 58.3 | 38.0 | 16.2 | 10.6 | 8.7 | 5.7 | 34.5 | 22.5 | 2.8 | 1.8 | 0 | 0 |
| Spain ¶ | 133.2 | 100 | 17.0 | 12.7 | 10.8 | 8.1 | 9.4 | 7.1 | | | | | 32.5 | 24.4 | 18.9 | 14.2 | | | 16.4 | 12.3 | 28.3 | 21.3 | 0 | 0 |
| Switzerland † | 97.2 | 100 | 13.2 | 14.4 | 1.3 | 1.4 | 5.8 | 6.3 | 1.3 | 1.4 | 17.7 | 19.2 | 19.1 | 20.7 | 16.9 | 18.3 | 3.9 | 4.2 | 22.0 | 23.8 | 9.7 | 10.5 | 0.2 | 0.3 |
| Tunisia, Sfax region | 138.9 | 100 | 9.3 | 6.7 | 31.1 | 22.4 | 7.6 | 5.5 | | | | | 49.7 | 35.8 | 0 | 0 | 3.4 | 2.4 | 0.8 | 0.6 | 37.0 | 26.7 | 0 | 0 |
| Turkey ‡ | 147.3 | 100 | 2.0 | 5.5 | 0.4 | 1.1 | 1.4 | 3.7 | 3.7 | 10.2 | 9.7 | 26.6 | 13.4 | 36.7 | 10.5 | 28.7 | 0.2 | 0.5 | 3.7 | 10.2 | 5.0 | 13.6 | 0 | 0 |
| Ukraine + | 23.3 | 100 | 8.6 | 36.8 | 2.9 | 12.4 | 2.5 | 10.7 | | | | | 4.6 | 19.6 | 1.3 | 5.6 | | | 3.1 | 13.4 | 0.1 | 0.3 | 0.3 | 1.1 |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*
*‡ Data are available for 2836 of 11447 patients (24.8%)*
*& Pyelonephritis is not reported separately, but is included into miscellaneous*
*+ Renal vascular disease is not reported separately, but is included into miscellaneous*
*¶ Renal vascular disease is not reported separately, but is included into hypertension*

Table C.2.5

## Incident rates per million population, adjusted

*at day 1, adjusted for age and gender*

| | All | Men | Women |
|---|---|---|---|
| | Pmp | Pmp | Pmp |
| Albania | 90.0 | 103.6 | 75.1 |
| Bulgaria | | | |
| Croatia | 150.8 | 168.6 | 136.4 |
| Cyprus | 211.2 | 295.9 | 122.7 |
| Czech Republic | | | |
| Georgia | 181.8 | 258.3 | 120.8 |
| Israel | 301.5 | 375.9 | 224.8 |
| Italy (6 of 20 regions) | 131.2 | 168.7 | 93.4 |
| Latvia | 88.8 | 113.3 | 74.2 |
| Lithuania | 101.9 | 101.6 | 104.7 |
| Macedonia | 199.2 | 243.9 | 148.8 |
| Poland | | | |
| Portugal | | | |
| Slovakia | 169.1 | 218.8 | 128.1 |
| Spain | 125.7 | 166.3 | 83.8 |
| Switzerland | 95.8 | 124.5 | 65.5 |
| Tunisia, Sfax region | 100.1 | 109.9 | 90.3 |
| Turkey | | | |
| Ukraine | | | |

*Categories may not add up because of missing values or rounding off*
*When cells are left empty, the data are unavailable*

Table C.3.1

## Incident counts and percentages by age and gender

*at day 91*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Albania | 211 | 126 | 85 | 5 | 2 | 1 | 1 | 4 | 5 | 45 | 21 | 25 | 20 | 20 | 24 | 109 | 52 | 67 | 53 | 42 | 49 | 42 | 20 | 25 | 20 | 17 | 20 | 10 | 5 | 8 | 6 | 2 | 2 |
| Bulgaria | 978 | 491 | 487 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Croatia | 532 | 269 | 263 | 3 | 1 | 2 | 1 | 1 | 0 | 46 | 9 | 31 | 12 | 15 | 6 | 224 | 42 | 110 | 41 | 114 | 43 | 180 | 34 | 89 | 33 | 91 | 35 | 79 | 15 | 37 | 14 | 42 | 16 |
| Cyprus | 164 | 115 | 49 | 1 | 1 | 0 | 0 | 1 | 2 | 12 | 7 | 5 | 4 | 7 | 14 | 64 | 39 | 48 | 42 | 16 | 33 | 42 | 26 | 30 | 26 | 12 | 24 | 45 | 27 | 32 | 28 | 13 | 27 |
| Czech Republic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 613 | 395 | 218 | 21 | 3 | 12 | 3 | 9 | 4 | 107 | 17 | 61 | 15 | 46 | 21 | 296 | 48 | 207 | 52 | 89 | 41 | 132 | 22 | 81 | 21 | 51 | 23 | 57 | 9 | 34 | 9 | 23 | 11 |
| Israel | 1568 | 995 | 573 | 48 | 3 | 28 | 3 | 20 | 3 | 147 | 9 | 96 | 10 | 51 | 9 | 508 | 32 | 347 | 35 | 161 | 28 | 409 | 26 | 243 | 24 | 166 | 29 | 456 | 29 | 281 | 28 | 175 | 31 |
| Italy (6 of 20 regions) | 3161 | 2020 | 1141 | 23 | 1 | 13 | 1 | 10 | 1 | 252 | 8 | 158 | 8 | 94 | 8 | 798 | 25 | 523 | 26 | 275 | 24 | 807 | 26 | 532 | 26 | 275 | 24 | 1281 | 41 | 794 | 39 | 487 | 43 |
| Latvia | 135 | 70 | 65 | 1 | 1 | 1 | 1 | 0 | 0 | 18 | 13 | 8 | 11 | 10 | 15 | 45 | 33 | 23 | 33 | 22 | 34 | 41 | 30 | 22 | 31 | 19 | 29 | 30 | 22 | 16 | 23 | 14 | 22 |
| Lithuania | 297 | 133 | 164 | 2 | 1 | 0 | 0 | 2 | 1 | 53 | 18 | 26 | 20 | 27 | 16 | 158 | 53 | 67 | 50 | 91 | 55 | 63 | 21 | 25 | 19 | 38 | 23 | 21 | 7 | 15 | 11 | 6 | 4 |
| Macedonia | 232 | 141 | 91 | 1 | 0 | 0 | 0 | 1 | 1 | 26 | 11 | 13 | 9 | 13 | 14 | 96 | 41 | 58 | 41 | 38 | 42 | 56 | 24 | 37 | 26 | 19 | 21 | 53 | 23 | 33 | 23 | 20 | 22 |
| Poland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal | 2329 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slovakia | 706 | 432 | 274 | 2 | 0 | 2 | 0 | 0 | 0 | 76 | 11 | 50 | 12 | 26 | 9 | 277 | 39 | 188 | 44 | 89 | 32 | 210 | 30 | 129 | 30 | 81 | 30 | 141 | 20 | 63 | 15 | 78 | 28 |
| Spain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Switzerland | 795 | 525 | 270 | 8 | 1 | 6 | 1 | 2 | 1 | 74 | 9 | 51 | 10 | 23 | 9 | 263 | 33 | 161 | 31 | 102 | 38 | 198 | 25 | 137 | 26 | 61 | 23 | 252 | 32 | 170 | 32 | 82 | 30 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*Categories may not add up because of missing values or rounding off*
*When cells are left empty, the data are unavailable*

Table C.3.2

## Incident rates per million (age-related) population by age and gender, unadjusted

*at day 91*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Albania | 73.7 | 87.1 | 60.0 | 6.5 | 2.5 | 10.7 | 45.5 | 49.2 | 41.6 | 146.2 | 181.4 | 111.6 | 192.0 | 231.7 | 153.3 | 73.2 | 130.3 | 26.6 |
| Bulgaria | 135.5 | 140.9 | 130.5 | | | | | | | | | | | | | | | |
| Croatia | 130.7 | 137.1 | 124.8 | 3.5 | 4.6 | 2.4 | 34.1 | 45.4 | 22.6 | 194.5 | 195.6 | 193.5 | 457.7 | 526.3 | 405.9 | 241.7 | 332.9 | 194.8 |
| Cyprus | 193.6 | 279.1 | 112.6 | 5.2 | 0 | 10.6 | 37.0 | 32.1 | 41.7 | 309.2 | 475.2 | 150.9 | 575.3 | 857.1 | 315.8 | 882.4 | 1454.5 | 448.3 |
| Czech Republic | | | | | | | | | | | | | | | | | | |
| Georgia | 136.5 | 184.5 | 92.8 | 20.1 | 21.9 | 18.2 | 64.3 | 73.7 | 55.0 | 255.9 | 391.4 | 141.8 | 425.8 | 644.9 | 276.6 | 179.8 | 303.8 | 112.1 |
| Israel | 190.9 | 244.5 | 138.2 | 16.2 | 18.5 | 13.9 | 52.2 | 68.1 | 36.3 | 325.4 | 459.1 | 199.9 | 849.4 | 1087.2 | 643.4 | 1136.3 | 1703.0 | 740.6 |
| Italy (6 of 20 regions) | 148.6 | 195.7 | 104.2 | 5.8 | 6.4 | 5.2 | 37.1 | 46.3 | 27.8 | 133.7 | 179.2 | 90.1 | 355.2 | 498.9 | 228.1 | 561.1 | 898.8 | 347.9 |
| Latvia | 84.9 | 95.9 | 75.6 | 3.2 | 6.3 | 0 | 33.5 | 29.4 | 37.7 | 103.4 | 115.9 | 92.9 | 253.7 | 366.7 | 187.0 | 203.8 | 392.2 | 131.6 |
| Lithuania | 100.9 | 98.1 | 103.3 | 3.3 | 0 | 6.8 | 54.4 | 53.3 | 55.6 | 192.9 | 179.1 | 204.5 | 228.3 | 240.4 | 220.9 | 78.9 | 192.3 | 31.9 |
| Macedonia | 114.7 | 138.9 | 90.4 | 1.7 | 0 | 3.5 | 34.2 | 33.4 | 34.9 | 210.5 | 257.8 | 164.5 | 383.6 | 544.1 | 243.6 | 779.4 | 1137.9 | 512.8 |
| Poland | | | | | | | | | | | | | | | | | | |
| Portugal | 223.4 | | | | | | | | | | | | | | | | | |
| Slovakia | 130.2 | 163.5 | 98.6 | 1.8 | 3.5 | 0 | 36.5 | 47.0 | 25.6 | 189.6 | 264.0 | 118.8 | 465.6 | 678.9 | 310.3 | 460.8 | 630.0 | 378.6 |
| Spain | | | | | | | | | | | | | | | | | | |
| Switzerland | 96.6 | 129.0 | 64.9 | 4.8 | 7.0 | 2.5 | 26.5 | 36.1 | 16.6 | 113.9 | 138.6 | 88.9 | 251.8 | 364.7 | 148.6 | 372.1 | 635.0 | 200.2 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | | | |

*When cells are left empty, the data are unavailable*

Table C.3.3

## Gender, mean age, and median age of incident patients

*at day 91*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Albania | 100 | 56.0 | 15.1 | 51.0 | 59.7 | 57.8 | 15.6 | 52.0 | 40.3 | 53.1 | 16.2 | 50.0 |
| Bulgaria | 100 | | | | 50.2 | | | | 49.8 | | | |
| Croatia | 100 | 62.2 | 12.5 | 64.0 | 50.6 | 60.6 | 13.6 | 63.0 | 49.4 | 63.9 | 11.1 | 65.0 |
| Cyprus | 100 | 64.4 | 14.7 | 66.0 | 70.1 | 65.9 | 11.7 | 66.0 | 29.9 | 60.9 | 19.7 | 65.0 |
| Czech Republic | | | | | | | | | | | | |
| Georgia | 100 | 57.2 | 15.8 | 59.2 | 64.4 | 57.8 | 15.0 | 59.1 | 35.6 | 56.2 | 16.3 | 59.3 |
| Israel | 100 | 63.9 | 17.5 | 67.2 | 63.5 | 63.5 | 17.3 | 65.9 | 36.5 | 64.7 | 17.9 | 68.6 |
| Italy (6 of 20 regions) | 100 | 68.3 | 15.3 | 72.5 | 63.9 | 68.0 | 15.0 | 72.5 | 36.1 | 68.8 | 15.8 | 72.5 |
| Latvia | 100 | 62.8 | 15.1 | 65.0 | 51.9 | 63.1 | 15.7 | 65.0 | 48.1 | 62.5 | 14.4 | 65.0 |
| Lithuania | 100 | 57.7 | 15.1 | 58.0 | 44.8 | 60.6 | 14.8 | 59.0 | 55.2 | 55.4 | 14.2 | 57.0 |
| Macedonia | 100 | 62.5 | 13.9 | 63.5 | 60.8 | 63.7 | 13.1 | 64.0 | 39.2 | 60.7 | 15.1 | 62.0 |
| Poland | | | | | | | | | | | | |
| Portugal | | | | | | | | | | | | |
| Slovakia | 100 | 62.7 | 14.1 | 64.0 | 61.2 | 61.5 | 13.6 | 63.0 | 38.8 | 64.5 | 14.6 | 67.0 |
| Spain | | | | | | | | | | | | |
| Switzerland | 100 | 64.5 | 15.7 | 67.2 | 66.0 | 64.9 | 15.7 | 68.0 | 34.0 | 63.8 | 15.5 | 65.0 |
| Tunisia, Sfax region | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | |

*Categories may not add up because of missing values or rounding off*
*When cells are left empty, the data are unavailable*

Table C.3.4

## Incident rates per million population and percentages by cause of renal failure, unadjusted

*at day 91*

| | 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 | % |
| Albania | 73.7 | 100 | 9.8 | 13.3 | 16.8 | 22.7 | 2.4 | 3.3 | 1.7 | 2.4 | 7.3 | 10.0 | 9.1 | 12.3 | 4.9 | 6.6 | 1.0 | 1.4 | 8.4 | 11.4 | 19.9 | 27.0 | 1.4 | 1.9 |
| Bulgaria | 135.5 | 100 | 20.6 | 15.2 | 12.6 | 9.3 | 12.7 | 9.4 | | | | | 28.8 | 21.3 | 15.7 | 11.6 | 13.3 | 9.8 | 17.6 | 13.0 | 12.6 | 9.3 | 1.5 | 1.1 |
| Croatia | 130.7 | 100 | 16.0 | 12.2 | 16.5 | 12.6 | 22.4 | 17.1 | 5.7 | 4.3 | 30.2 | 23.1 | 35.9 | 27.4 | 21.9 | 16.7 | 4.2 | 3.2 | 12.8 | 9.8 | 1.2 | 0.9 | 0 | 0 |
| Cyprus | 193.6 | 100 | 14.2 | 7.3 | 4.7 | 2.4 | 13.0 | 6.7 | 3.5 | 1.8 | 62.6 | 32.3 | 66.1 | 34.1 | 22.4 | 11.6 | 2.4 | 1.2 | 29.5 | 15.2 | 41.3 | 21.3 | 0 | 0 |
| Czech Republic | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 136.5 | 100 | 16.5 | 12.1 | 12.0 | 8.8 | 10.2 | 7.5 | 4.7 | 3.4 | 23.6 | 17.3 | 28.3 | 20.7 | 14.9 | 10.9 | 5.1 | 3.8 | 5.8 | 4.2 | 40.5 | 29.7 | 3.1 | 2.3 |
| Israel | 190.9 | 100 | 13.4 | 7.0 | 2.9 | 1.5 | 5.0 | 2.6 | 51.4 | 26.9 | 42.6 | 22.3 | 94.0 | 49.2 | 14.8 | 7.8 | 6.2 | 3.3 | 20.8 | 10.9 | 25.9 | 13.6 | 7.8 | 4.1 |
| Italy (6 of 20 regions) | 148.6 | 100 | 15.7 | 10.5 | 5.4 | 3.6 | 7.6 | 5.1 | | | | | 26.2 | 17.7 | 21.2 | 14.3 | 5.1 | 3.4 | 15.8 | 10.7 | 32.8 | 22.1 | 18.8 | 12.7 |
| Latvia | 84.9 | 100 | 12.0 | 14.1 | 16.4 | 19.3 | 9.4 | 11.1 | 3.1 | 3.7 | 8.8 | 10.4 | 12.0 | 14.1 | 15.7 | 18.5 | 0 | 0 | 9.4 | 11.1 | 10.1 | 11.9 | 0 | 0 |
| Lithuania + | 100.9 | 100 | 14.3 | 14.1 | 4.8 | 4.7 | 6.8 | 6.7 | | | | | 16.0 | 15.8 | 16.3 | 16.2 | | | 14.6 | 14.5 | 1.4 | 1.3 | 26.8 | 26.6 |
| Macedonia | 114.7 | 100 | 9.9 | 8.6 | 10.4 | 9.1 | 4.5 | 3.9 | 2.0 | 1.7 | 24.7 | 21.6 | 26.7 | 23.3 | 37.6 | 32.8 | 0 | 0 | 10.4 | 9.1 | 14.8 | 12.9 | 0.5 | 0.4 |
| Poland | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal | | | | | | | | | | | | | | | | | | | | | | | | |
| Slovakia | 130.2 | 100 | 12.7 | 9.8 | 8.9 | 6.8 | 5.3 | 4.1 | | | | | 51.7 | 39.7 | 13.7 | 10.5 | 6.8 | 5.2 | 29.1 | 22.4 | 2.0 | 1.6 | 0 | 0 |
| Spain | | | | | | | | | | | | | | | | | | | | | | | | |
| Switzerland † | 96.6 | 100 | 13.2 | 14.5 | 1.3 | 1.5 | 5.7 | 6.2 | 1.2 | 1.3 | 17.6 | 19.2 | 18.8 | 20.6 | 16.8 | 18.3 | 3.9 | 4.2 | 21.9 | 23.9 | 9.7 | 10.6 | 0.2 | 0.3 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | | | | | | | | | |

*Abbreviations used: GN: glomerulonephritis/sclerosis; PN: pyelonephritis; PKD: polycystic kidneys, adult type; DM: diabetes mellitus; HT: hypertension; RVD: renal vascular disease; Misc: miscellaneous; Unkn: unknown*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*
*+ Renal vascular disease is not reported separately, but is included into miscellaneous*

Table C.3.5

## Incident rates per million population, adjusted

*at day 91, adjusted for age and gender*

| | All | Men | Women |
|---|---|---|---|
| | Pmp | Pmp | Pmp |
| Albania | 78.5 | 90.0 | 67.0 |
| Bulgaria | | | |
| Croatia | 124.7 | 135.7 | 115.4 |
| Cyprus | 201.2 | 283.4 | 114.7 |
| Czech Republic | | | |
| Georgia | 149.3 | 212.6 | 98.6 |
| Israel | 282.1 | 354.2 | 208.1 |
| Italy (6 of 20 regions) | 128.9 | 166.2 | 91.4 |
| Latvia | 79.1 | 99.3 | 67.3 |
| Lithuania | 99.0 | 98.4 | 101.9 |
| Macedonia | 172.9 | 208.0 | 131.9 |
| Poland | | | |
| Portugal | | | |
| Slovakia | 141.6 | 184.3 | 105.8 |
| Spain | | | |
| Switzerland | 95.3 | 124.0 | 65.0 |
| Tunisia, Sfax region | | | |
| Turkey | | | |
| Ukraine | | | |

*Categories may not add up because of missing values or rounding off*
*When cells are left empty, the data are unavailable*

Table C.3.6
## Incident counts by established therapy
*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 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| Albania | 211 | 187 | 0 | 0 | 0 | 0 | 187 | 0 | 10 | 0 | 10 | 7 | 3 | 0 | 10 | 4 |
| Bulgaria | 978 | 921 | 0 | 0 | 0 | 27 | 948 | 7 | 18 | 0 | 25 | 1 | 4 | 0 | 5 | 0 |
| Croatia | 532 | 211 | 0 | 0 | 0 | 93 | 304 | 18 | 22 | 0 | 40 | 8 | 180 | 0 | 188 | 0 |
| Cyprus | 164 | | | 136 | | | 136 | 7 | 17 | 0 | 24 | 4 | 0 | 0 | 4 | 0 |
| Czech Republic | | | | | | | | | | | | | | | | |
| Georgia | 613 | 561 | 0 | 0 | 0 | 0 | 561 | 39 | 3 | 0 | 42 | 4 | 0 | 2 | 6 | 4 |
| Israel | 1568 | 1372 | 0 | 0 | 0 | 0 | 1372 | 68 | 64 | 1 | 133 | 57 | 3 | 3 | 63 | 0 |
| Italy (6 of 20 regions) | 3161 | 1957 | 0 | 577 | 20 | 222 | 2776 | 124 | 254 | 0 | 378 | 7 | 0 | 0 | 7 | 0 |
| Latvia | 135 | 112 | 0 | | | | 112 | | | 22 | 22 | 1 | 0 | 0 | 1 | 0 |
| Lithuania | 297 | 279 | 0 | 0 | 0 | 0 | 279 | | | 17 | 17 | 1 | 0 | 0 | 1 | 0 |
| Macedonia | 232 | 222 | 0 | 0 | 0 | 0 | 222 | 0 | 4 | 0 | 4 | 6 | 0 | 0 | 6 | 0 |
| Poland | | | | | | | | | | | | | | | | |
| Portugal # | 2329 | 2110 | 0 | 0 | 0 | 0 | 2110 | | | 186 | 186 | | | 24 | 24 | 9 |
| Slovakia | 706 | 308 | 0 | 0 | 0 | 362 | 670 | 9 | 11 | 0 | 20 | 7 | 9 | 0 | 16 | 0 |
| Spain | | | | | | | | | | | | | | | | |
| Switzerland | 795 | 659 | 4 | 0 | 0 | 0 | 663 | 36 | 51 | 0 | 87 | 36 | 5 | 0 | 41 | 4 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*When cells are left empty, the data are unavailable*
*# Only pre-emptive transplantations (at day 1) are included*

Table C.3.7

## Incident rates per million population by 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 | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Albania | 73.7 | 65.3 | 0 | 0 | 0 | 0 | 65.3 | 0 | 3.5 | 0 | 3.5 | 2.4 | 1.0 | 0 | 3.5 | 1.4 |
| Bulgaria | 135.5 | 127.6 | 0 | 0 | 0 | 3.7 | 131.4 | 1.0 | 2.5 | 0 | 3.5 | 0.1 | 0.6 | 0 | 0.7 | 0 |
| Croatia | 130.7 | 51.8 | 0 | 0 | 0 | 22.9 | 74.7 | 4.4 | 5.4 | 0 | 9.8 | 2.0 | 44.2 | 0 | 46.2 | 0 |
| Cyprus | 193.6 | | | 160.6 | | | 160.6 | 8.3 | 20.1 | 0 | 28.3 | 4.7 | 0 | 0 | 4.7 | 0 |
| Czech Republic | | | | | | | | | | | | | | | | |
| Georgia | 136.5 | 124.9 | 0 | 0 | 0 | 0 | 124.9 | 8.7 | 0.7 | 0 | 9.4 | 0.9 | 0 | 0.4 | 1.3 | 0.9 |
| Israel | 190.9 | 167.0 | 0 | 0 | 0 | 0 | 167.0 | 8.3 | 7.8 | 0.1 | 16.2 | 6.9 | 0.4 | 0.4 | 7.7 | 0 |
| Italy (6 of 20 regions) | 148.6 | 92.0 | 0 | 27.1 | 0.9 | 10.4 | 130.5 | 5.8 | 11.9 | 0 | 17.8 | 0.3 | 0 | 0 | 0.3 | 0 |
| Latvia | 84.9 | 70.5 | 0 | | | | 70.5 | | | 13.8 | 13.8 | 0.6 | 0 | 0 | 0.6 | 0 |
| Lithuania | 100.9 | 94.8 | 0 | 0 | 0 | 0 | 94.8 | | | 5.8 | 5.8 | 0.3 | 0 | 0 | 0.3 | 0 |
| Macedonia | 114.7 | 109.8 | 0 | 0 | 0 | 0 | 109.8 | 0 | 2.0 | 0 | 2.0 | 3.0 | 0 | 0 | 3.0 | 0 |
| Poland | | | | | | | | | | | | | | | | |
| Portugal # | 223.4 | 202.4 | 0 | 0 | 0 | 0 | 202.4 | | | 17.8 | 17.8 | | | 2.3 | 2.3 | 0.9 |
| Slovakia | 130.2 | 56.8 | 0 | 0 | 0 | 66.8 | 123.6 | 1.7 | 2.0 | 0 | 3.7 | 1.3 | 1.7 | 0 | 3.0 | 0 |
| Spain | | | | | | | | | | | | | | | | |
| Switzerland | 96.6 | 80.1 | 0.5 | 0 | 0 | 0 | 80.6 | 4.4 | 6.2 | 0 | 10.6 | 4.4 | 0.6 | 0 | 5.0 | 0.5 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*# Only pre-emptive transplantations (at day 1) are included*

Table C.3.8

## 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 | |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Albania | 100 | 88.6 | 0 | 0 | 0 | 0 | 88.6 | 0 | 4.7 | 0 | 4.7 | 3.3 | 1.4 | 0 | 4.7 | 1.9 |
| Bulgaria | 100 | 94.2 | 0 | 0 | 0 | 2.8 | 96.9 | 0.7 | 1.8 | 0 | 2.6 | 0.1 | 0.4 | 0 | 0.5 | 0 |
| Croatia | 100 | 39.7 | 0 | 0 | 0 | 17.5 | 57.1 | 3.4 | 4.1 | 0 | 7.5 | 1.5 | 33.8 | 0 | 35.3 | 0 |
| Cyprus | 100 | | | 82.9 | | | 82.9 | 4.3 | 10.4 | 0 | 14.6 | 2.4 | 0 | 0 | 2.4 | 0 |
| Czech Republic | | | | | | | | | | | | | | | | |
| Georgia | 100 | 91.5 | 0 | 0 | 0 | 0 | 91.5 | 6.4 | 0.5 | 0 | 6.9 | 0.7 | 0 | 0.3 | 1.0 | 0.7 |
| Israel | 100 | 87.5 | 0 | 0 | 0 | 0 | 87.5 | 4.3 | 4.1 | 0.1 | 8.5 | 3.6 | 0.2 | 0.2 | 4.0 | 0 |
| Italy (6 of 20 regions) | 100 | 61.9 | 0 | 18.3 | 0.6 | 7.0 | 87.8 | 3.9 | 8.0 | 0 | 12.0 | 0.2 | 0 | 0 | 0.2 | 0 |
| Latvia | 100 | 83.0 | 0 | | | | 83.0 | | | 16.3 | 16.3 | 0.7 | 0 | 0 | 0.7 | 0 |
| Lithuania | 100 | 93.9 | 0 | 0 | 0 | 0 | 93.9 | | | 5.7 | 5.7 | 0.3 | 0 | 0 | 0.3 | 0 |
| Macedonia | 100 | 95.7 | 0 | 0 | 0 | 0 | 95.7 | 0 | 1.7 | 0 | 1.7 | 2.6 | 0 | 0 | 2.6 | 0 |
| Poland | | | | | | | | | | | | | | | | |
| Portugal # | 100 | 90.6 | 0 | 0 | 0 | 0 | 90.6 | | | 8.0 | 8.0 | | | 1.0 | 1.0 | 0.4 |
| Slovakia | 100 | 43.6 | 0 | 0 | 0 | 51.3 | 94.9 | 1.3 | 1.6 | 0 | 2.8 | 1.0 | 1.3 | 0 | 2.3 | 0 |
| Spain | | | | | | | | | | | | | | | | |
| Switzerland | 100 | 82.9 | 0.5 | 0 | 0 | 0 | 83.4 | 4.5 | 6.4 | 0 | 10.9 | 4.5 | 0.6 | 0 | 5.2 | 0.5 |
| Tunisia, Sfax region | | | | | | | | | | | | | | | | |
| Turkey | | | | | | | | | | | | | | | | |
| Ukraine | | | | | | | | | | | | | | | | |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*# Only pre-emptive transplantations (at day 1) are included*

Table C.4.1

## Prevalent counts and percentages by age and gender

*prevalent patients on December 31*

| | All | | | 0-19 | | | | | | 20-44 | | | | | | 45-64 | | | | | | 65-74 | | | | | | 75+ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | | All | | Men | | Women | |
| | N (100%) | N (100%) | N (100%) | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Albania | 1072 | 657 | 415 | 8 | 1 | 3 | 0 | 5 | 1 | 380 | 35 | 231 | 35 | 149 | 36 | 435 | 41 | 257 | 39 | 178 | 43 | 190 | 18 | 127 | 19 | 63 | 15 | 59 | 6 | 39 | 6 | 20 | 5 |
| Bulgaria | 4168 | 2025 | 2143 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Croatia | 4295 | 2452 | 1843 | 6 | 0 | 4 | 0 | 2 | 0 | 316 | 7 | 189 | 8 | 127 | 7 | 1640 | 38 | 994 | 41 | 646 | 35 | 1150 | 27 | 654 | 27 | 496 | 27 | 1183 | 28 | 611 | 25 | 572 | 31 |
| Cyprus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Czech Republic ‡ | 10931 | | | 4 | 0 | | | | | 632 | 6 | | | | | 2245 | 21 | | | | | 2081 | 19 | | | | | 1443 | 13 | | | | |
| Georgia | 2096 | 1334 | 762 | 22 | 1 | 13 | 1 | 9 | 1 | 349 | 17 | 201 | 15 | 148 | 19 | 1079 | 51 | 704 | 53 | 375 | 49 | 437 | 21 | 291 | 22 | 146 | 19 | 209 | 10 | 125 | 9 | 84 | 11 |
| Israel † | 6286 | 3830 | 2456 | 84 | 1 | 51 | 1 | 33 | 1 | 544 | 9 | 344 | 9 | 200 | 8 | 2037 | 32 | 1308 | 34 | 729 | 30 | 1677 | 27 | 993 | 26 | 684 | 28 | 1944 | 31 | 1134 | 30 | 810 | 33 |
| Italy (6 of 20 regions) | 24721 | 15538 | 9183 | 476 | 2 | 280 | 2 | 196 | 2 | 3665 | 15 | 2313 | 15 | 1352 | 15 | 8565 | 35 | 5431 | 35 | 3134 | 34 | 5669 | 23 | 3650 | 23 | 2019 | 22 | 6346 | 26 | 3864 | 25 | 2482 | 27 |
| Latvia | 996 | 517 | 479 | 15 | 2 | 13 | 3 | 2 | 0 | 215 | 22 | 116 | 22 | 99 | 21 | 449 | 45 | 231 | 45 | 218 | 46 | 199 | 20 | 99 | 19 | 100 | 21 | 118 | 12 | 58 | 11 | 60 | 13 |
| Lithuania | 2146 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Macedonia | 1543 | 908 | 635 | 10 | 1 | 5 | 1 | 5 | 1 | 277 | 18 | 163 | 18 | 114 | 18 | 776 | 50 | 444 | 49 | 332 | 52 | 315 | 20 | 194 | 21 | 121 | 19 | 165 | 11 | 102 | 11 | 63 | 10 |
| Poland | 31106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal | 18703 | 11073 | 7565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slovakia † | 3273 | 1899 | 1374 | 4 | 0 | 3 | 0 | 1 | 0 | 355 | 11 | 206 | 11 | 149 | 11 | 1292 | 39 | 851 | 45 | 441 | 32 | 993 | 30 | 548 | 29 | 445 | 32 | 629 | 19 | 291 | 15 | 338 | 25 |
| Spain | 55062 | 34593 | 20469 | 260 | 0 | 158 | 0 | 102 | 0 | 8463 | 15 | 5213 | 15 | 3250 | 16 | 21314 | 39 | 13659 | 39 | 7655 | 37 | 13174 | 24 | 8480 | 25 | 4694 | 23 | 11851 | 22 | 7083 | 20 | 4768 | 23 |
| Switzerland † | 2834 | 1785 | 1049 | 3 | 0 | 1 | 0 | 2 | 0 | 221 | 8 | 140 | 8 | 81 | 8 | 743 | 26 | 474 | 27 | 269 | 26 | 709 | 25 | 466 | 26 | 243 | 23 | 1158 | 41 | 704 | 39 | 454 | 43 |
| Tunisia, Sfax region † | 806 | 445 | 361 | 7 | 1 | 4 | 1 | 3 | 1 | 167 | 21 | 100 | 22 | 67 | 19 | 320 | 40 | 179 | 40 | 141 | 39 | 179 | 22 | 104 | 23 | 75 | 21 | 133 | 17 | 58 | 13 | 75 | 21 |
| Turkey | 71318 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ukraine | 6742 | 3818 | 2924 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*Categories may not add up because of missing values or rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*
*‡ Data per age category include dialysis patients only (total N=6405)*

Table C.4.2

## Prevalence per million (age-related) population by age and gender, unadjusted

*prevalent patients on December 31*

| | All | | | 0-19 | | | 20-44 | | | 45-64 | | | 65-74 | | | 75+ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women | All | Men | Women |
| | Pmp | Pmp | Pmp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| Albania | 374.4 | 454.2 | 292.9 | 10.3 | 7.5 | 13.4 | 384.2 | 454.8 | 309.7 | 583.5 | 696.0 | 473.2 | 868.4 | 1176.9 | 568.2 | 431.9 | 635.4 | 265.8 |
| Bulgaria | 577.5 | 581.1 | 574.2 | | | | | | | | | | | | | | | |
| Croatia | 1055.3 | 1249.9 | 874.3 | 7.0 | 9.2 | 4.8 | 234.6 | 277.1 | 191.0 | 1424.4 | 1767.4 | 1096.8 | 2924.0 | 3867.5 | 2212.3 | 3620.0 | 5497.1 | 2652.4 |
| Cyprus | | | | | | | | | | | | | | | | | | |
| Czech Republic ‡ | 1069.4 | | | 2.0 | | | 170.3 | | | 836.1 | | | 1860.7 | | | 2046.3 | | |
| Georgia | 466.8 | 623.0 | 324.4 | 21.1 | 23.8 | 18.2 | 209.7 | 242.8 | 176.9 | 932.9 | 1331.1 | 597.4 | 1409.7 | 2316.9 | 791.8 | 659.1 | 1117.1 | 409.4 |
| Israel † | 765.1 | 941.0 | 592.5 | 28.4 | 33.7 | 22.9 | 193.3 | 243.9 | 142.5 | 1304.8 | 1730.6 | 905.1 | 3482.9 | 4443.0 | 2651.2 | 4844.3 | 6872.7 | 3427.8 |
| Italy (6 of 20 regions) | 1162.0 | 1505.7 | 838.3 | 120.2 | 137.3 | 102.1 | 539.8 | 677.9 | 400.3 | 1434.5 | 1860.8 | 1026.9 | 2494.9 | 3422.6 | 1674.5 | 2779.6 | 4374.0 | 1773.3 |
| Latvia | 626.6 | 708.6 | 557.0 | 48.7 | 82.1 | 13.4 | 399.9 | 426.5 | 372.7 | 1031.7 | 1164.3 | 920.6 | 1231.4 | 1650.0 | 984.3 | 801.6 | 1421.6 | 563.9 |
| Lithuania | 729.2 | | | | | | | | | | | | | | | | | |
| Macedonia | 763.1 | 894.6 | 630.6 | 16.9 | 16.4 | 17.4 | 364.0 | 419.0 | 306.5 | 1701.8 | 1973.3 | 1437.2 | 2157.5 | 2852.9 | 1551.3 | 2426.5 | 3517.2 | 1615.4 |
| Poland | 856.0 | | | | | | | | | | | | | | | | | |
| Portugal | 1793.7 | 2233.4 | 1383.3 | | | | | | | | | | | | | | | |
| Slovakia † | 603.8 | 718.8 | 494.4 | 3.6 | 5.2 | 1.8 | 170.6 | 193.6 | 146.5 | 884.3 | 1195.2 | 588.8 | 2201.8 | 2884.2 | 1705.0 | 2055.6 | 2910.0 | 1640.8 |
| Spain | 1177.3 | 1505.0 | 860.5 | 36.9 | 43.6 | 29.8 | 448.9 | 543.2 | 351.2 | 1714.7 | 2219.2 | 1219.9 | 3182.9 | 4375.6 | 2132.7 | 2754.1 | 4228.7 | 1814.3 |
| Switzerland † | 344.4 | 438.6 | 252.2 | 1.8 | 1.2 | 2.5 | 79.1 | 99.2 | 58.6 | 321.7 | 408.0 | 234.4 | 901.8 | 1240.6 | 591.8 | 1709.7 | 2629.5 | 1108.4 |
| Tunisia, Sfax region † | 678.3 | 751.6 | 605.5 | 18.8 | 20.8 | 16.7 | 351.7 | 431.5 | 275.6 | 1289.2 | 1455.0 | 1126.3 | 3425.1 | 4107.6 | 2783.8 | 3251.9 | 2929.2 | 3554.7 |
| Turkey | 917.9 | | | | | | | | | | | | | | | | | |
| Ukraine | 157.1 | 192.4 | 126.8 | | | | | | | | | | | | | | | |

*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*
*‡ Data per age category include dialysis patients only (total N=6405)*

Table C.4.3

## Gender, mean age, and median age

*prevalent patients on December 31*

| | All | | | | Men | | | | Women | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) | % | Mean (years) | SD | Median (years) |
| Albania | 100 | 51.4 | 15.3 | 51.5 | 61.3 | 52.4 | 15.4 | 53.0 | 38.7 | 49.8 | 15.6 | 50.0 |
| Bulgaria | 100 | | | | 48.6 | | | | 51.4 | | | |
| Croatia | 100 | 64.6 | 21.1 | 65.0 | 57.1 | 63.9 | 24.8 | 65.0 | 42.9 | 65.5 | 14.1 | 68.0 |
| Cyprus | | | | | | | | | | | | |
| Czech Republic | | | | | | | | | | | | |
| Georgia | 100 | 56.1 | 14.5 | 58.8 | 63.6 | 55.8 | 14.3 | 57.1 | 36.4 | 56.5 | 15.1 | 56.6 |
| Israel † | 100 | 60.9 | 17.2 | 63.8 | 60.9 | 60.7 | 17.1 | 63.1 | 39.1 | 61.2 | 17.3 | 64.7 |
| Italy (6 of 20 regions) | 100 | 61.8 | 17.2 | 62.5 | 62.9 | 61.7 | 17.0 | 62.5 | 37.1 | 61.9 | 17.5 | 62.5 |
| Latvia | 100 | 55.7 | 15.8 | 57.0 | 51.9 | 54.7 | 16.5 | 55.0 | 48.1 | 56.8 | 15.0 | 59.0 |
| Lithuania | | | | | | | | | | | | |
| Macedonia | 100 | 56.9 | 14.0 | 58.0 | 58.8 | 57.1 | 14.0 | 57.0 | 41.2 | 56.6 | 14.1 | 59.0 |
| Poland | | | | | | | | | | | | |
| Portugal † | 100 | 66.4 | | | 59.2 | | | | 40.4 | | | |
| Slovakia † | 100 | 62.7 | 13.8 | 64.0 | 58.0 | 61.6 | 13.3 | 63.0 | 42.0 | 64.3 | 14.3 | 67.0 |
| Spain | 100 | 59.5 | 16.0 | 62.6 | 62.8 | 59.4 | 15.8 | 62.5 | 37.2 | 59.6 | 16.3 | 63.0 |
| Switzerland † | 100 | 68.1 | 14.8 | 70.8 | 63.0 | 68.0 | 14.6 | 70.6 | 37.0 | 68.5 | 14.8 | 71.6 |
| Tunisia, Sfax region † | 100 | 58.2 | 16.1 | 60.0 | 55.2 | 57.0 | 16.1 | 59.0 | 44.8 | 59.6 | 16.0 | 61.0 |
| Turkey | | | | | | | | | | | | |
| Ukraine | 100 | | | | 56.6 | | | | 43.4 | | | |

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

Table C.4.4

## Prevalence per million population and percentages by cause of renal failure, unadjusted

*prevalent patients on December 31*

| | 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 | % |
| Albania | 374.4 | 100 | 54.5 | 14.6 | 100.9 | 27.0 | 26.2 | 7.0 | 8.7 | 2.3 | 33.2 | 8.9 | 41.9 | 11.2 | 31.4 | 8.4 | 10.5 | 2.8 | 41.9 | 11.2 | 62.9 | 16.8 | 4.2 | 1.1 |
| Bulgaria | | | | | | | | | | | | | | | | | | | | | | | | |
| Croatia | 1055.3 | 100 | 116.2 | 11.0 | 157.7 | 14.9 | 84.8 | 8.0 | 61.4 | 5.8 | 244.7 | 23.2 | 306.2 | 29.0 | 187.2 | 17.7 | 34.4 | 3.3 | 147.7 | 14.0 | 21.1 | 2.0 | 0 | 0 |
| Cyprus | | | | | | | | | | | | | | | | | | | | | | | | |
| Czech Republic | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 466.8 | 100 | 55.9 | 12.0 | 41.0 | 8.8 | 34.7 | 7.4 | 15.8 | 3.4 | 81.1 | 17.4 | 96.9 | 20.8 | 50.6 | 10.8 | 17.1 | 3.7 | 19.8 | 4.2 | 142.1 | 30.4 | 8.7 | 1.9 |
| Israel † | 765.1 | 100 | 75.8 | 9.9 | 28.8 | 3.8 | 28.6 | 3.7 | 214.2 | 28.0 | 139.9 | 18.3 | 354.1 | 46.3 | 75.6 | 9.9 | 21.3 | 2.8 | 95.4 | 12.5 | 81.9 | 10.7 | 3.5 | 0.5 |
| Italy (6 of 20 regions) | 1162.0 | 100 | 228.4 | 19.7 | 76.4 | 6.6 | 98.9 | 8.5 | | | | | 138.2 | 11.9 | 139.4 | 12.0 | 37.6 | 3.2 | 103.9 | 8.9 | 274.0 | 23.6 | 65.2 | 5.6 |
| Latvia | 626.6 | 100 | 196.9 | 31.4 | 85.6 | 13.7 | 77.4 | 12.3 | 31.5 | 5.0 | 29.6 | 4.7 | 61.0 | 9.7 | 72.3 | 11.5 | 1.3 | 0.2 | 91.8 | 14.7 | 40.3 | 6.4 | 0 | 0 |
| Lithuania | | | | | | | | | | | | | | | | | | | | | | | | |
| Macedonia | 763.1 | 100 | 126.6 | 16.6 | 86.5 | 11.3 | 69.2 | 9.1 | 10.9 | 1.4 | 100.4 | 13.2 | 111.3 | 14.6 | 186.0 | 24.4 | 0.5 | 0.1 | 70.7 | 9.3 | 111.3 | 14.6 | 1.0 | 0.1 |
| Poland | | | | | | | | | | | | | | | | | | | | | | | | |
| Portugal † & + | 1793.7 | 100 | 142.8 | 12.3 | | | 69.9 | 6.0 | | | | | 319.6 | 27.6 | 171.0 | 14.8 | | | 219.6 | 18.9 | 227.2 | 19.6 | 8.9 | 0.8 |
| Slovakia † | 603.8 | 100 | 80.2 | 13.3 | 62.7 | 10.4 | 32.8 | 5.4 | | | | | 196.8 | 32.6 | 53.5 | 8.9 | 27.3 | 4.5 | 142.2 | 23.6 | 8.1 | 1.3 | 0 | 0 |
| Spain ¶ | 1177.3 | 100 | 219.0 | 18.6 | 116.9 | 9.9 | 116.8 | 9.9 | | | | | 163.1 | 13.9 | 119.4 | 10.1 | | | 187.1 | 15.9 | 215.9 | 18.3 | 14.4 | 1.2 |
| Switzerland † | 344.4 | 100 | 54.2 | 15.7 | 13.9 | 4.0 | 24.5 | 7.1 | 8.4 | 2.4 | 57.2 | 16.6 | 65.6 | 19.1 | 62.0 | 18.0 | 12.4 | 3.6 | 74.4 | 21.6 | 37.4 | 10.9 | 0 | 0 |
| Tunisia, Sfax region † | 678.3 | 100 | 90.0 | 13.3 | 122.9 | 18.1 | 48.8 | 7.2 | | | | | 117.8 | 17.4 | | | 17.7 | 2.6 | | | 247.4 | 36.5 | 33.7 | 5.0 |
| Turkey ‡ | 917.9 | 100 | 7.5 | 6.5 | 2.2 | 1.9 | 5.6 | 4.9 | 8.0 | 7.0 | 28.3 | 24.7 | 36.3 | 31.7 | 31.9 | 27.8 | 0.9 | 0.8 | 13.3 | 11.6 | 16.8 | 14.7 | 0 | 0 |
| Ukraine + | 157.1 | 100 | 70.5 | 44.8 | 22.2 | 14.1 | 16.2 | 10.3 | | | | | 21.0 | 13.4 | 6.3 | 4.0 | | | 17.5 | 11.2 | 0.4 | 0.3 | 3.1 | 2.0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*
*‡ Data are available for 8897 of 71318 patients (12.5%)*
*& Pyelonephritis is not reported separately, but is included into miscellaneous*
*+ Renal vascular disease is not reported separately, but is included into miscellaneous*
*¶ Renal vascular disease is not reported separately, but is included into hypertension*

Table C.4.5

## Prevalence per million population, adjusted

*prevalent patients on December 31, adjusted for age and gender*

| | All | Men | Women |
|---|---|---|---|
| | Pmp | Pmp | Pmp |
| Albania | 437.0 | 576.0 | 298.0 |
| Bulgaria | | | |
| Croatia | 1007.1 | 1238.8 | 814.6 |
| Cyprus | | | |
| Czech Republic | | | |
| Georgia | 509.7 | 720.1 | 340.2 |
| Israel † | 1150.2 | 1382.7 | 907.9 |
| Italy (6 of 20 regions) | 1048.1 | 1333.1 | 767.2 |
| Latvia | 601.4 | 718.3 | 518.0 |
| Lithuania | | | |
| Macedonia | 986.0 | 1170.3 | 789.7 |
| Poland | | | |
| Portugal | | | |
| Slovakia † | 657.5 | 812.5 | 528.7 |
| Spain | 1101.7 | 1385.7 | 813.2 |
| Switzerland † | 417.5 | 521.4 | 306.2 |
| Tunisia, Sfax region † | 1000.4 | 1058.0 | 948.3 |
| Turkey | | | |
| Ukraine | | | |

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

Table C.4.6

## Prevalent counts by established therapy

*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 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| Albania | 1072 | 800 | 0 | 0 | 0 | 0 | 800 | 0 | 48 | 0 | 48 | 158 | 41 | 10 | 209 | 15 |
| Bulgaria | 4168 | 3263 | 0 | 0 | 0 | 49 | 3312 | 51 | 110 | 0 | 161 | 107 | 458 | 39 | 604 | 91 |
| Croatia | 4295 | 1958 | 0 | 0 | 0 | 328 | 2286 | 77 | 93 | 0 | 170 | 80 | 1524 | 235 | 1839 | 0 |
| Cyprus | | | | | | | | | | | | | | | | |
| Czech Republic | 10931 | 2465 | 1 | 0 | 169 | 3339 | 5974 | | | 431 | 431 | | | 4526 | 4526 | 0 |
| Georgia | 2096 | 1770 | 0 | 0 | 0 | 0 | 1770 | 86 | 7 | 0 | 93 | 227 | 0 | 2 | 229 | 4 |
| Israel † | 6286 | 5901 | 0 | 0 | 0 | 0 | 5901 | 200 | 179 | 4 | 383 | | | | | 2 |
| Italy (6 of 20 regions) | 24721 | 11963 | 12 | 164 | 246 | 3466 | 15851 | 742 | 802 | 25 | 1569 | 547 | 6509 | 14 | 7070 | 231 |
| Latvia | 996 | 366 | 0 | | | | 366 | | | 92 | 92 | 23 | 515 | 0 | 538 | 0 |
| Lithuania | 2146 | 1361 | 0 | 0 | 0 | 0 | 1361 | | | 50 | 50 | | | 735 | 735 | 0 |
| Macedonia | 1543 | 1279 | 1 | 0 | 0 | 0 | 1280 | 0 | 30 | 0 | 30 | 222 | 11 | 0 | 233 | 0 |
| Poland | 31106 | 19345 | 0 | 0 | 0 | 0 | 19345 | | | 1046 | 1046 | | | 10715 | 10715 | 0 |
| Portugal | 18703 | 4390 | 0 | 0 | 0 | 6960 | 11350 | 349 | 386 | 0 | 735 | | | 6618 | 6618 | 0 |
| Slovakia † | 3273 | 1111 | 1 | 0 | 12 | 2067 | 3191 | 41 | 41 | 0 | 82 | | | | | 0 |
| Spain | 55062 | 20646 | 84 | 0 | 0 | 2782 | 23512 | 997 | 2029 | 0 | 3026 | | | 28524 | 28524 | 0 |
| Switzerland † | 2834 | 2599 | 37 | 0 | 0 | 0 | 2636 | 83 | 98 | 0 | 181 | | | | | 0 |
| Tunisia, Sfax region † | 806 | 771 | 0 | 0 | 0 | 0 | 771 | 13 | 22 | 0 | 35 | | | | | 0 |
| Turkey | 71318 | 53577 | 159 | 32 | 1 | 0 | 53769 | 1389 | 2917 | | 4306 | | | 11122 | 11122 | 2121 |
| Ukraine | 6742 | 4826 | 0 | 0 | 0 | 240 | 5066 | 25 | 806 | 0 | 831 | 510 | 141 | 194 | 845 | 0 |

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

Table C.4.7

## Prevalence per million population by 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 | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Albania | 374.4 | 279.4 | 0 | 0 | 0 | 0 | 279.4 | 0 | 16.8 | 0 | 16.8 | 55.2 | 14.3 | 3.5 | 73.0 | 5.2 |
| Bulgaria | 577.5 | 452.1 | 0 | 0 | 0 | 6.8 | 458.9 | 7.1 | 15.2 | 0 | 22.3 | 14.8 | 63.5 | 5.4 | 83.7 | 12.6 |
| Croatia | 1055.3 | 481.1 | 0 | 0 | 0 | 80.6 | 561.7 | 18.9 | 22.9 | 0 | 41.8 | 19.7 | 374.5 | 57.7 | 451.9 | 0 |
| Cyprus | | | | | | | | | | | | | | | | |
| Czech Republic | 1069.4 | 241.1 | 0.1 | 0 | 16.5 | 326.7 | 584.4 | | | 42.2 | 42.2 | | | 442.8 | 442.8 | 0 |
| Georgia | 466.8 | 394.2 | 0 | 0 | 0 | 0 | 394.2 | 19.2 | 1.6 | 0 | 20.7 | 50.6 | 0 | 0.4 | 51.0 | 0.9 |
| Israel † | 765.1 | 718.3 | 0 | 0 | 0 | 0 | 718.3 | 24.3 | 21.8 | 0.5 | 46.6 | | | | | 0.2 |
| Italy (6 of 20 regions) | 1162.0 | 562.3 | 0.6 | 7.7 | 11.6 | 162.9 | 745.1 | 34.9 | 37.7 | 1.2 | 73.8 | 25.7 | 306.0 | 0.7 | 332.3 | 10.9 |
| Latvia | 626.6 | 230.2 | 0 | | | | 230.2 | | | 57.9 | 57.9 | 14.5 | 324.0 | 0 | 338.4 | 0 |
| Lithuania | 729.2 | 462.5 | 0 | 0 | 0 | 0 | 462.5 | | | 17.0 | 17.0 | | | 249.7 | 249.7 | 0 |
| Macedonia | 763.1 | 632.5 | 0.5 | 0 | 0 | 0 | 633.0 | 0 | 14.8 | 0 | 14.8 | 109.8 | 5.4 | 0 | 115.2 | 0 |
| Poland | 856.0 | 532.4 | 0 | 0 | 0 | 0 | 532.4 | | | 28.8 | 28.8 | | | 294.9 | 294.9 | 0 |
| Portugal | 1793.7 | 421.0 | 0 | 0 | 0 | 667.5 | 1088.5 | 33.5 | 37.0 | 0 | 70.5 | | | 634.7 | 634.7 | 0 |
| Slovakia † | 603.8 | 204.9 | 0.2 | 0 | 2.2 | 381.3 | 588.6 | 7.6 | 7.6 | 0 | 15.1 | | | | | 0 |
| Spain | 1177.3 | 441.4 | 1.8 | 0 | 0 | 59.5 | 502.7 | 21.3 | 43.4 | 0 | 64.7 | | | 609.9 | 609.9 | 0 |
| Switzerland † | 344.4 | 315.8 | 4.5 | 0 | 0 | 0 | 320.3 | 10.1 | 11.9 | 0 | 22.0 | | | | | 0 |
| Tunisia, Sfax region † | 678.3 | 648.9 | 0 | 0 | 0 | 0 | 648.9 | 10.9 | 18.5 | 0 | 29.5 | | | | | 0 |
| Turkey | 917.9 | 689.6 | 2.0 | 0.4 | 0 | 0 | 692.0 | 17.9 | 37.5 | | 55.4 | | | 143.1 | 143.1 | 27.3 |
| Ukraine | 157.1 | 112.5 | 0 | 0 | 0 | 5.6 | 118.1 | 0.6 | 18.8 | 0 | 19.4 | 11.9 | 3.3 | 4.5 | 19.7 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*

Table C.4.8

## 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 | |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Albania | 100 | 74.6 | 0 | 0 | 0 | 0 | 74.6 | 0 | 4.5 | 0 | 4.5 | 14.7 | 3.8 | 0.9 | 19.5 | 1.4 |
| Bulgaria | 100 | 78.3 | 0 | 0 | 0 | 1.2 | 79.5 | 1.2 | 2.6 | 0 | 3.9 | 2.6 | 11.0 | 0.9 | 14.5 | 2.2 |
| Croatia | 100 | 45.6 | 0 | 0 | 0 | 7.6 | 53.2 | 1.8 | 2.2 | 0 | 4.0 | 1.9 | 35.5 | 5.5 | 42.8 | 0 |
| Cyprus | | | | | | | | | | | | | | | | |
| Czech Republic | 100 | 22.6 | 0 | 0 | 1.5 | 30.5 | 54.7 | | | 3.9 | 3.9 | | | 41.4 | 41.4 | 0 |
| Georgia | 100 | 84.4 | 0 | 0 | 0 | 0 | 84.4 | 4.1 | 0.3 | 0 | 4.4 | 10.8 | 0 | 0.1 | 10.9 | 0.2 |
| Israel † | 100 | 93.9 | 0 | 0 | 0 | 0 | 93.9 | 3.2 | 2.8 | 0.1 | 6.1 | | | | | 0 |
| Italy (6 of 20 regions) | 100 | 48.4 | 0 | 0.7 | 1.0 | 14.0 | 64.1 | 3.0 | 3.2 | 0.1 | 6.3 | 2.2 | 26.3 | 0.1 | 28.6 | 0.9 |
| Latvia | 100 | 36.7 | 0 | | | | 36.7 | | | 9.2 | 9.2 | 2.3 | 51.7 | 0 | 54.0 | 0 |
| Lithuania | 100 | 63.4 | 0 | 0 | 0 | 0 | 63.4 | | | 2.3 | 2.3 | | | 34.2 | 34.2 | 0 |
| Macedonia | 100 | 82.9 | 0.1 | 0 | 0 | 0 | 83.0 | 0 | 1.9 | 0 | 1.9 | 14.4 | 0.7 | 0 | 15.1 | 0 |
| Poland | 100 | 62.2 | 0 | 0 | 0 | 0 | 62.2 | | | 3.4 | 3.4 | | | 34.4 | 34.4 | 0 |
| Portugal | 100 | 23.5 | 0 | 0 | 0 | 37.2 | 60.7 | 1.9 | 2.1 | 0 | 3.9 | | | 35.4 | 35.4 | 0 |
| Slovakia † | 100 | 33.9 | 0 | 0 | 0.4 | 63.2 | 97.5 | 1.3 | 1.3 | 0 | 2.5 | | | | | 0 |
| Spain | 100 | 37.5 | 0.2 | 0 | 0 | 5.1 | 42.7 | 1.8 | 3.7 | 0 | 5.5 | | | 51.8 | 51.8 | 0 |
| Switzerland † | 100 | 91.7 | 1.3 | 0 | 0 | 0 | 93.0 | 2.9 | 3.5 | 0 | 6.4 | | | | | 0 |
| Tunisia, Sfax region † | 100 | 95.7 | 0 | 0 | 0 | 0 | 95.7 | 1.6 | 2.7 | 0 | 4.3 | | | | | 0 |
| Turkey | 100 | 75.1 | 0.2 | 0 | 0 | 0 | 75.4 | 1.9 | 4.1 | | 6.0 | | | 15.6 | 15.6 | 3.0 |
| Ukraine | 100 | 71.6 | 0 | 0 | 0 | 3.6 | 75.1 | 0.4 | 12.0 | 0 | 12.3 | 7.6 | 2.1 | 2.9 | 12.5 | 0 |

*Abbreviations used: HD: haemodialysis; Unkn: unknown; HF: haemofiltration; HDF: haemodiafiltration; APD: automated peritoneal dialysis; CAPD: continuous ambulatory peritoneal dialysis; PD: peritoneal dialysis; Tx: transplant*
*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*† Data include dialysis patients only*

Table C.5.1
## Renal transplants performed by donor type, counts and percentages

| | Total | | Living | | | | | | | | Deceased | | Donor type Unkn | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Related | | Unrelated | | Type Unkn | | All | | | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Albania | 25 | 100 | 19 | 76.0 | 3 | 12.0 | 0 | 0 | 22 | 88.0 | 3 | 12.0 | 0 | 0 |
| Bulgaria | 54 | 100 | 12 | 22.2 | 0 | 0 | 0 | 0 | 12 | 22.2 | 42 | 77.8 | 0 | 0 |
| Croatia | 197 | 100 | 6 | 3.0 | 2 | 1.0 | 0 | 0 | 8 | 4.1 | 189 | 95.9 | 0 | 0 |
| Cyprus | 31 | 100 | 13 | 41.9 | 9 | 29.0 | 0 | 0 | 22 | 71.0 | 9 | 29.0 | 0 | 0 |
| Czech Republic | 507 | 100 | | | | | 63 | 12.4 | 63 | 12.4 | 444 | 87.6 | 0 | 0 |
| Georgia | 29 | 100 | 28 | 96.6 | 0 | 0 | 0 | 0 | 28 | 96.6 | 0 | 0 | 1 | 3.4 |
| Israel | 255 | 100 | | | | | 135 | 52.9 | 135 | 52.9 | 82 | 32.2 | 38 | 14.9 |
| Italy (6 of 20 regions) | 600 | 100 | | | | | 82 | 13.7 | 82 | 13.7 | 518 | 86.3 | 0 | 0 |
| Latvia | 49 | 100 | 5 | 10.2 | 1 | 2.0 | 0 | 0 | 6 | 12.2 | 43 | 87.8 | 0 | 0 |
| Lithuania | 70 | 100 | 11 | 15.7 | 2 | 2.9 | 0 | 0 | 13 | 18.6 | 57 | 81.4 | 0 | 0 |
| Macedonia | 43 | 100 | 25 | 58.1 | 8 | 18.6 | 1 | 2.3 | 34 | 79.1 | 9 | 20.9 | 0 | 0 |
| Poland | 1156 | 100 | 55 | 4.8 | 0 | 0 | 0 | 0 | 55 | 4.8 | 1101 | 95.2 | 0 | 0 |
| Portugal | 448 | 100 | | | | | 54 | 12.1 | 54 | 12.1 | 394 | 87.9 | 0 | 0 |
| Slovakia + | 109 | 100 | | | | | 8 | 7.3 | 8 | 7.3 | 101 | 92.7 | 0 | 0 |
| Spain | 2678 | 100 | | | | | 423 | 15.8 | 423 | 15.8 | 2255 | 84.2 | 0 | 0 |
| Switzerland | 295 | 100 | 57 | 19.3 | 62 | 21.0 | 0 | 0 | 119 | 40.3 | 176 | 59.7 | 0 | 0 |
| Tunisia, Sfax region | 26 | 100 | 20 | 76.9 | 3 | 11.5 | 0 | 0 | 23 | 88.5 | 3 | 11.5 | 0 | 0 |
| Turkey | 2924 | 100 | 2094 | 71.6 | 204 | 7.0 | 0 | 0 | 2298 | 78.6 | 626 | 21.4 | 0 | 0 |
| Ukraine | 106 | 100 | | | | | | | | | | | 106 | 100 |

*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*+ Data from: Slovak Centre of Organ Transplantation*

Table C.5.2
## Renal transplants performed by donor type, per million population

| | Total | Living | | | | Deceased | Donor type Unkn |
|---|---|---|---|---|---|---|---|
| | | Related | Unrelated | Type Unkn | All | | |
| | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp | Pmp |
| Albania | 8.7 | 6.6 | 1.0 | 0 | 7.7 | 1.0 | 0 |
| Bulgaria | 7.5 | 1.7 | 0 | 0 | 1.7 | 5.8 | 0 |
| Croatia | 48.4 | 1.5 | 0.5 | 0 | 2.0 | 46.4 | 0 |
| Cyprus | 36.6 | 15.3 | 10.6 | 0 | 26.0 | 10.6 | 0 |
| Czech Republic | 49.6 | | | 6.2 | 6.2 | 43.4 | 0 |
| Georgia | 6.5 | 6.2 | 0 | 0 | 6.2 | 0 | 0.2 |
| Israel | 31.0 | | | 16.4 | 16.4 | 10.0 | 4.6 |
| Italy (6 of 20 regions) | 28.2 | | | 3.9 | 3.9 | 24.3 | 0 |
| Latvia | 30.8 | 3.1 | 0.6 | 0 | 3.8 | 27.1 | 0 |
| Lithuania | 23.8 | 3.7 | 0.7 | 0 | 4.4 | 19.4 | 0 |
| Macedonia | 21.3 | 12.4 | 4.0 | 0.5 | 16.8 | 4.5 | 0 |
| Poland | 31.8 | 1.5 | 0 | 0 | 1.5 | 30.3 | 0 |
| Portugal | 43.0 | | | 5.2 | 5.2 | 37.8 | 0 |
| Slovakia + | 20.1 | | | 1.5 | 1.5 | 18.6 | 0 |
| Spain | 57.3 | | | 9.0 | 9.0 | 48.2 | 0 |
| Switzerland | 35.8 | 6.9 | 7.5 | 0 | 14.5 | 21.4 | 0 |
| Tunisia, Sfax region | 21.9 | 16.8 | 2.5 | 0 | 19.4 | 2.5 | 0 |
| Turkey | 37.6 | 27.0 | 2.6 | 0 | 29.6 | 8.1 | 0 |
| Ukraine | 2.5 | | | | | | 2.5 |

*Categories may not add up because of rounding off*
*When cells are left empty, the data are unavailable*
*+ Data from: Slovak Centre of Organ Transplantation*

## Section D: Paediatric data reference tables

# Section D: Paediatric data reference tables

The incidence and prevalence of RRT in paediatric patients are based on data from 24 registries from 15 countries that provided individual patient data on children via the ERA-EDTA Registry, including Austria, Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (community of Madrid), Spain (region of Murcia), Spain (Valencian region), Sweden, the Netherlands, and United Kingdom (Scotland). In the analyses the data collected between 2009 and 2014 were used. As not all countries provided data over the complete period and to allow for comparison over the years, data are shown both including and excluding the data from Bosnia and Herzegovina, Estonia, France, Romania, Serbia, and Spain (region of Murcia). The methods that were applied to the data on paediatric patients were similar to those applied to the data on adult patients and are described in the Methods section. However, as not all regions in Spain had specialized paediatric centres, also non-residents were included in the incidence and prevalence.

**D1 GENERAL POPULATION AGE DISTRIBUTION**

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

| Cohort | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | N | N | N | N | N |
| 2009 | 22185 | 5559 | 5382 | 5397 | 5848 |
| 2010 | 22212 | 5608 | 5431 | 5369 | 5804 |
| 2011 | 22189 | 5618 | 5475 | 5368 | 5728 |
| 2012 | 22150 | 5587 | 5524 | 5397 | 5642 |
| 2013 | 22066 | 5512 | 5572 | 5415 | 5567 |
| 2014 | 21980 | 5401 | 5623 | 5447 | 5508 |
| 2009 * | 41423 | 10338 | 10119 | 10091 | 10875 |
| 2010 * | 42254 | 10621 | 10447 | 10316 | 10871 |
| 2011 * | 44854 | 11153 | 11201 | 11052 | 11448 |
| 2012 * | 45483 | 11323 | 11367 | 11266 | 11527 |
| 2013 * | 45430 | 11196 | 11485 | 11337 | 11412 |
| 2014 * | 45336 | 11027 | 11570 | 11381 | 11357 |
| 2009-2014 * | 264779 | 65658 | 66188 | 65442 | 67491 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| Cohort | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | N | N | N | N | N |
| 2009-2010 | 421 | 111 | 56 | 103 | 151 |
| 2011-2012 | 376 | 99 | 49 | 92 | 136 |
| 2013-2014 | 359 | 71 | 68 | 81 | 139 |
| 2009-2010 * | 761 | 162 | 109 | 179 | 311 |
| 2011-2012 * | 708 | 162 | 86 | 163 | 297 |
| 2013-2014 * | 692 | 129 | 111 | 167 | 285 |
| 2009-2014 * | 2161 | 453 | 306 | 509 | 893 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| 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 |
| 2009-2010 | 159 | 148 | 114 | 23 | 68 | 20 | 21 | 17 | 18 | 33 | 27 | 43 | 82 | 36 | 33 |
| 2011-2012 | 152 | 121 | 103 | 23 | 66 | 10 | 9 | 11 | 29 | 34 | 22 | 36 | 86 | 22 | 28 |
| 2013-2014 | 152 | 102 | 105 | 13 | 45 | 13 | 25 | 16 | 27 | 36 | 15 | 30 | 78 | 26 | 35 |
| 2009-2010 * | 364 | 202 | 179 | 39 | 94 | 26 | 52 | 21 | 31 | 77 | 34 | 65 | 196 | 53 | 57 |
| 2011-2012 * | 356 | 181 | 162 | 51 | 94 | 16 | 29 | 18 | 37 | 77 | 31 | 53 | 199 | 38 | 56 |
| 2013-2014 * | 354 | 171 | 162 | 29 | 78 | 20 | 49 | 29 | 33 | 88 | 27 | 49 | 188 | 37 | 60 |
| 2009-2014 *† | 1074 | 554 | 503 | 119 | 266 | 62 | 130 | 68 | 101 | 242 | 92 | 167 | 583 | 128 | 173 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*
*† For 30 patients information on treatment modality at start was unavailable*

Table D.2.3
**Incident counts by age and cause of renal failure**
*between 2009 and 2014, at day 1*

| | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | N | N | N | N | N |
| CAKUT | 670 | 165 | 103 | 177 | 225 |
| Glomerulonephritis | 404 | 51 | 53 | 77 | 223 |
| Cystic kidney disease | 193 | 34 | 47 | 57 | 55 |
| Hereditary Nephropathy | 167 | 66 | 18 | 29 | 54 |
| Ischaemic Renal Failure | 31 | 12 | 3 | 8 | 8 |
| HUS | 59 | 15 | 7 | 13 | 24 |
| Metabolic disorders | 48 | 13 | 14 | 12 | 9 |
| Vasculitis | 44 | 1 | | 11 | 32 |
| Miscellaneous | 230 | 52 | 26 | 50 | 102 |
| Missing, unknown | 315 | 44 | 35 | 75 | 161 |

*Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| Cohort | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| 2009-2010 | 9.5 | 9.9 | 5.2 | 9.6 | 13.0 |
| 2011-2012 | 8.5 | 8.8 | 4.5 | 8.5 | 12.0 |
| 2013-2014 | 8.2 | 6.5 | 6.1 | 7.5 | 12.6 |
| 2009-2010 * | 9.1 | 7.7 | 5.3 | 8.8 | 14.3 |
| 2011-2012 * | 7.8 | 7.2 | 3.8 | 7.3 | 12.9 |
| 2013-2014 * | 7.6 | 5.8 | 4.8 | 7.4 | 12.5 |
| 2009-2014 * | 8.2 | 6.9 | 4.6 | 7.8 | 13.2 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| 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 |
| 2009-2010 | 3.6 | 3.3 | 2.6 | 2.1 | 6.1 | 1.8 | 1.9 | 1.6 | 1.7 | 3.1 | 2.5 | 4.0 | 7.0 | 3.1 | 2.8 |
| 2011-2012 | 3.4 | 2.7 | 2.3 | 2.1 | 5.9 | 0.9 | 0.8 | 1.0 | 2.6 | 3.2 | 2.0 | 3.3 | 7.6 | 1.9 | 2.5 |
| 2013-2014 | 3.5 | 2.3 | 2.4 | 1.2 | 4.1 | 1.2 | 2.2 | 1.4 | 2.4 | 3.3 | 1.4 | 2.8 | 7.0 | 2.3 | 3.2 |
| 2009-2010 * | 4.4 | 2.4 | 2.1 | 1.9 | 4.5 | 1.2 | 2.5 | 1.0 | 1.5 | 3.8 | 1.7 | 3.2 | 9.0 | 2.4 | 2.6 |
| 2011-2012 * | 3.9 | 2.0 | 1.8 | 2.3 | 4.2 | 0.7 | 1.3 | 0.8 | 1.6 | 3.5 | 1.4 | 2.4 | 8.7 | 1.7 | 2.4 |
| 2013-2014 * | 3.9 | 1.9 | 1.8 | 1.3 | 3.5 | 0.9 | 2.1 | 1.3 | 1.4 | 3.9 | 1.2 | 2.2 | 8.3 | 1.6 | 2.6 |
| 2009-2014 *† | 4.1 | 2.1 | 1.9 | 1.8 | 4.1 | 0.9 | 2.0 | 1.0 | 1.5 | 3.7 | 1.4 | 2.6 | 8.6 | 1.9 | 2.6 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*
*† For 30 patients information on treatment modality at start was unavailable*

Table D.2.6
**Incident rates per million age-related population by age and cause of renal failure**
*between 2009 and 2014, at day 1*

| | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| CAKUT | 2.5 | 2.5 | 1.6 | 2.7 | 3.3 |
| Glomerulonephritis | 1.5 | 0.8 | 0.8 | 1.2 | 3.3 |
| Cystic kidney disease | 0.7 | 0.5 | 0.7 | 0.9 | 0.8 |
| Hereditary Nephropathy | 0.6 | 1.0 | 0.3 | 0.4 | 0.8 |
| Ischaemic Renal Failure | 0.1 | 0.2 | 0.0 | 0.1 | 0.1 |
| HUS | 0.2 | 0.2 | 0.1 | 0.2 | 0.4 |
| Metabolic disorders | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 |
| Vasculitis | 0.2 | 0.0 | | 0.2 | 0.5 |
| Miscellaneous | 0.9 | 0.8 | 0.4 | 0.8 | 1.5 |
| Missing, unknown | 1.2 | 0.7 | 0.5 | 1.1 | 2.4 |

*Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| Cohort | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | N | N | N | N | N |
| 2009 | 1491 | 142 | 252 | 378 | 719 |
| 2010 | 1467 | 144 | 240 | 372 | 711 |
| 2011 | 1465 | 157 | 232 | 400 | 676 |
| 2012 | 1449 | 141 | 252 | 407 | 649 |
| 2013 | 1433 | 120 | 262 | 399 | 652 |
| 2014 | 1430 | 122 | 277 | 389 | 642 |
| 2009 * | 2462 | 207 | 404 | 626 | 1225 |
| 2010 * | 2471 | 209 | 398 | 622 | 1242 |
| 2011 * | 2533 | 237 | 395 | 666 | 1235 |
| 2012 * | 2522 | 218 | 414 | 679 | 1211 |
| 2013 * | 2538 | 201 | 425 | 699 | 1213 |
| 2014 * | 2510 | 194 | 446 | 693 | 1177 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

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

| 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 |
| 2009 | 161 | 127 | 1190 | 20 | 51 | 71 | 20 | 24 | 207 | 27 | 22 | 326 | 94 | 30 | 586 |
| 2010 | 157 | 127 | 1173 | 20 | 55 | 69 | 17 | 18 | 204 | 31 | 18 | 321 | 89 | 36 | 579 |
| 2011 | 161 | 132 | 1163 | 24 | 62 | 71 | 14 | 22 | 195 | 32 | 19 | 347 | 91 | 29 | 550 |
| 2012 | 147 | 123 | 1172 | 21 | 58 | 62 | 13 | 15 | 223 | 31 | 19 | 356 | 82 | 31 | 531 |
| 2013 | 155 | 102 | 1167 | 15 | 35 | 69 | 19 | 18 | 225 | 31 | 17 | 349 | 90 | 32 | 524 |
| 2014 | 130 | 100 | 1194 | 12 | 37 | 72 | 17 | 20 | 240 | 25 | 13 | 349 | 76 | 30 | 533 |
| 2009 * | 354 | 192 | 1859 | 32 | 69 | 97 | 43 | 32 | 324 | 71 | 37 | 505 | 208 | 54 | 933 |
| 2010 * | 359 | 193 | 1876 | 32 | 77 | 93 | 36 | 29 | 327 | 73 | 33 | 506 | 218 | 54 | 950 |
| 2011 * | 394 | 209 | 1885 | 46 | 80 | 107 | 37 | 35 | 313 | 77 | 37 | 544 | 234 | 57 | 921 |
| 2012 * | 383 | 205 | 1901 | 44 | 78 | 93 | 42 | 31 | 335 | 73 | 40 | 561 | 224 | 56 | 912 |
| 2013 * | 408 | 191 | 1915 | 41 | 63 | 93 | 43 | 35 | 344 | 81 | 37 | 575 | 243 | 56 | 903 |
| 2014 * | 389 | 180 | 1935 | 37 | 63 | 93 | 46 | 39 | 361 | 83 | 28 | 580 | 223 | 50 | 901 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

Table D.3.3
**Prevalent counts by age and cause of renal failure**
*prevalent patients on December 31, 2014*

| | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | N | N | N | N | N |
| CAKUT | 885 | 69 | 176 | 227 | 413 |
| Glomerulonephritis | 394 | 20 | 50 | 102 | 222 |
| Cystic kidney disease | 251 | 16 | 46 | 79 | 110 |
| Hereditary Nephropathy | 240 | 35 | 55 | 73 | 77 |
| Ischaemic Renal Failure | 53 | 4 | 14 | 16 | 19 |
| HUS | 96 | 3 | 17 | 33 | 43 |
| Metabolic disorders | 71 | 8 | 16 | 25 | 22 |
| Vasculitis | 29 | 0 | 1 | 5 | 23 |
| Miscellaneous | 232 | 17 | 37 | 68 | 110 |
| Missing, unknown | 259 | 22 | 34 | 65 | 138 |

*Including data from Romania (coverage 99.3% in 2014)*

Table D.3.4

**Prevalence per million age-related population by age and cohort**

*prevalent patients on December 31*

| Cohort | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| 2009 | 67.2 | 25.5 | 46.8 | 70.0 | 122.9 |
| 2010 | 66.0 | 25.7 | 44.2 | 69.3 | 122.5 |
| 2011 | 66.0 | 27.9 | 42.4 | 74.5 | 118.0 |
| 2012 | 65.4 | 25.2 | 45.6 | 75.4 | 115.0 |
| 2013 | 64.9 | 21.8 | 47.0 | 73.7 | 117.1 |
| 2014 | 65.1 | 22.6 | 49.3 | 71.4 | 116.6 |
| 2009 * | 59.4 | 20.0 | 39.9 | 62.0 | 112.6 |
| 2010 * | 58.5 | 19.7 | 38.1 | 60.3 | 114.3 |
| 2011 * | 56.5 | 21.3 | 35.3 | 60.3 | 107.9 |
| 2012 * | 55.4 | 19.3 | 36.4 | 60.3 | 105.1 |
| 2013 * | 55.9 | 18.0 | 37.0 | 61.7 | 106.3 |
| 2014 * | 55.4 | 17.6 | 38.5 | 60.9 | 103.6 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

Table D.3.5

**Prevalence per million age-related population by age, treatment modality, and cohort**

*prevalent patients on December 31*

| 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 |
| 2009 | 7.3 | 5.7 | 53.6 | 3.6 | 9.2 | 12.8 | 3.7 | 4.5 | 38.5 | 5.0 | 4.1 | 60.4 | 16.1 | 5.1 | 100.2 |
| 2010 | 7.1 | 5.7 | 52.8 | 3.6 | 9.8 | 12.3 | 3.1 | 3.3 | 37.6 | 5.8 | 3.4 | 59.8 | 15.3 | 6.2 | 99.8 |
| 2011 | 7.3 | 5.9 | 52.4 | 4.3 | 11.0 | 12.6 | 2.6 | 4.0 | 35.6 | 6.0 | 3.5 | 64.6 | 15.9 | 5.1 | 96.0 |
| 2012 | 6.6 | 5.6 | 52.9 | 3.8 | 10.4 | 11.1 | 2.4 | 2.7 | 40.4 | 5.7 | 3.5 | 66.0 | 14.5 | 5.5 | 94.1 |
| 2013 | 7.0 | 4.6 | 52.9 | 2.7 | 6.3 | 12.5 | 3.4 | 3.2 | 40.4 | 5.7 | 3.1 | 64.4 | 16.2 | 5.7 | 94.1 |
| 2014 | 5.9 | 4.5 | 54.3 | 2.2 | 6.9 | 13.3 | 3.0 | 3.6 | 42.7 | 4.6 | 2.4 | 64.1 | 13.8 | 5.4 | 96.8 |
| 2009 * | 8.5 | 4.6 | 44.9 | 3.1 | 6.7 | 9.4 | 4.2 | 3.2 | 32.0 | 7.0 | 3.7 | 50.0 | 19.1 | 5.0 | 85.8 |
| 2010 * | 8.5 | 4.6 | 44.4 | 3.0 | 7.2 | 8.8 | 3.4 | 2.8 | 31.3 | 7.1 | 3.2 | 49.1 | 20.1 | 5.0 | 87.4 |
| 2011 * | 8.8 | 4.7 | 42.0 | 4.1 | 7.2 | 9.6 | 3.3 | 3.1 | 27.9 | 7.0 | 3.3 | 49.2 | 20.4 | 5.0 | 80.5 |
| 2012 * | 8.4 | 4.5 | 41.8 | 3.9 | 6.9 | 8.2 | 3.7 | 2.7 | 29.5 | 6.5 | 3.6 | 49.8 | 19.4 | 4.9 | 79.1 |
| 2013 * | 9.0 | 4.2 | 42.2 | 3.7 | 5.6 | 8.3 | 3.7 | 3.0 | 30.0 | 7.1 | 3.3 | 50.7 | 21.3 | 4.9 | 79.1 |
| 2014 * | 8.6 | 4.0 | 42.7 | 3.4 | 5.7 | 8.4 | 4.0 | 3.4 | 31.2 | 7.3 | 2.5 | 51.0 | 19.6 | 4.4 | 79.3 |

** Including data from France (coverage from 91.5% in 2009 to 100% in 2012), Bosnia Herzegovina and Serbia since 2011, Spain (region of Murcia) since 2012, Estonia since 2013 and Romania (coverage from 100% in 2009 to 99.3% in 2014)*

Table D.3.6

**Prevalence per million age-related population by age and cause of renal failure**

*prevalent patients on December 31, 2014*

| | Total | 0-4 | 5-9 | 10-14 | 15-19 |
|---|---|---|---|---|---|
| | Pmarp | Pmarp | Pmarp | Pmarp | Pmarp |
| CAKUT | 19.5 | 6.3 | 15.2 | 19.9 | 36.4 |
| Glomerulonephritis | 8.7 | 1.8 | 4.3 | 9.0 | 19.5 |
| Cystic kidney disease | 5.5 | 1.5 | 4.0 | 6.9 | 9.7 |
| Hereditary Nephropathy | 5.3 | 3.2 | 4.8 | 6.4 | 6.8 |
| Ischaemic Renal Failure | 1.2 | 0.4 | 1.2 | 1.4 | 1.7 |
| HUS | 2.1 | 0.3 | 1.5 | 2.9 | 3.8 |
| Metabolic disorders | 1.6 | 0.7 | 1.4 | 2.2 | 1.9 |
| Vasculitis | 0.6 | | 0.1 | 0.4 | 2.0 |
| Miscellaneous | 5.1 | 1.5 | 3.2 | 6.0 | 9.7 |
| Missing, unknown | 5.7 | 2.0 | 2.9 | 5.7 | 12.2 |

*Including data from Romania (coverage 99.3% in 2014)*

## Methods

# VI Methods

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

## Data collection and preparation

### Individual patient data

#### Data collection

On an annual basis data sets containing individual patient data are sent to the ERA-EDTA Registry office in Amsterdam. Supported file formats for data delivery include Microsoft Access, Microsoft Excel, SPSS, SAS, and delimited text files. Collaborating registries 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 shown in Table 1.

**Table 1: Variables collected for individual patients**

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

##### *Collaborating registries and participating countries*

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

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

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

***Differences between collaborating registries***

*Definitions and collection of data*

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

*Patient population*

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

For the calculation of the incidence of those alive and on RRT on day 91, registries were asked to provide data with follow-up until 31st March 2015. For the following registries data were only available until 31st December 2014: Estonia, France, Montenegro, Spain (Aragon), Spain (Asturias), Spain (Castille and Leon), Spain (Catalonia), Spain (Extremadura), Spain (Navarre) and UK (England, Wales and Northern Ireland). For these registries the incidence on day 91 was estimated as explained in the paragraph on statistical analyses.

For Romania, the reported kidney transplantation activity reflects 70% of the total kidney transplantation activity in the country due to an underreporting of pre-emptive transplantations. As a consequence, the overall incidence and prevalence of RRT are underestimated by approximately 1% and 3%, respectively.

## Data loading and cleaning

The registry data were imported using an in-house developed import utility. This program first uniforms 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, provided by the national and regional registries, replaced all existing data in the ERA-EDTA Registry database. In this way changes in the data sets made by the national and regional registries were adopted by the ERA-EDTA Registry. The import utility performed extensive logging and the logging-results were used to provide the national and regional registries with feedback concerning inconsistencies or other problems in the data.

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

## ERA-EDTA Registry database

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

## General population data

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

## Reference population

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

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

| Registry | Sources of general population data of 2014 |
|---|---|
| Austria | Registry |
| Belgium, Dutch-speaking | http://ec.europa.eu/eurostat/ |
| Belgium, French-speaking | http://ec.europa.eu/eurostat/ |
| Bosnia and Herzegovina | http://www.fzs.ba/ |
| Denmark | http://ec.europa.eu/eurostat/ |
| Greenland | http://www.stat.gl/ |
| Estonia | http://ec.europa.eu/eurostat/ |
| Finland | http://ec.europa.eu/eurostat/ |
| France | http://ec.europa.eu/eurostat/ |
| Greece | http://ec.europa.eu/eurostat/ |
| Iceland | http://ec.europa.eu/eurostat/ |
| Norway | http://ec.europa.eu/eurostat/ |
| Romania | http://ec.europa.eu/eurostat/ |
| Serbia | http://ec.europa.eu/eurostat/ |
| Slovenia | http://ec.europa.eu/eurostat/ |
| Spain, Andalusia | http://www.ine.es/ |
| Spain, Aragon | http://www.ine.es/ |
| Spain, Asturias | http://www.ine.es/ |
| Spain, Basque country | http://www.ine.es/ |
| Spain, Cantabria | http://www.ine.es/ |
| Spain, Castile and León | http://www.ine.es/ |
| Spain, Castile-La Mancha | http://www.ine.es/ |
| Spain, Catalonia | http://www.ine.es/ |
| Spain, Extremadura | http://www.ine.es/ |
| Spain, Galicia | http://www.ine.es/ |
| Spain, Community of Madrid | http://www.ine.es/ |
| Spain, Region of Murcia | http://www.ine.es/ |
| Spain, Valencian region | http://www.ine.es/ |
| Sweden | http://ec.europa.eu/eurostat/ |
| the Netherlands | http://ec.europa.eu/eurostat/ |
| United Kingdom, England/Northern Ireland/Wales | http://www.ons.gov.uk/ |
| United Kingdom, Scotland | http://www.ons.gov.uk/ |

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

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

## Aggregated data

### Data collection

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

#### *Collaborating registries*

Aggregated data from 19 national and regional registries were used for the preparation of the tables in Section C. The following countries participated in Section C of this year's annual report: Albania, Bulgaria, Croatia, Cyprus, Czech Republic, Georgia, Israel, Italy, Latvia, Lithuania, Macedonia, Poland, Portugal, Slovakia, Spain, Switzerland, Tunisia (Sfax region), Turkey, and Ukraine.

Data from Italy are based on 6 of the 20 regions: Calabria, Emilia-Romagna, Liguria, Puglia, Sicilia, and Veneto.

### Data loading and cleaning

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

### General population data

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

### Reference population

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

## Coding systems

### Primary cause of renal failure

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

### Causes of death

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

### Event type codes

Appendix 4 provides an overview of the coding currently used for event type codes in the ERA-EDTA database.

## Statistical analyses

An overview of the renal registries contributing data for the different types of analyses is given in Appendix 5. For the data analyses SAS 9.3 and SAS 9.4 (for competing risks analyses) [2] were used. This statistical software package is able to maintain large datasets, is syntax driven which increases reproducibility of results, and has extensive capabilities with regard to statistics and data management.

# Individual patient data

## Incidence and prevalence

The incidence and prevalence tables were based on 32 data sets from national or regional registries from 17 countries that provided individual patient data for 2014, including Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Montenegro, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Region of Murcia), Spain (Navarre), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/Wales) and United Kingdom (Scotland).

### *Methods for calculating incidence and prevalence*

Incidence and prevalence of those alive and on RRT were calculated for the total population and for subgroups based on gender, age group, treatment modality, and cause of renal failure. The incidence or prevalence Pmp is the observed incident or prevalent count divided by the general population in that year and multiplied by one million. For the incidence or prevalence per million age-related population (Pmarp) the observed incident or prevalent count per age category was divided by the general population in that age category and multiplied by one million.

For those registries that had no data available with a follow-up until March 31st, 2015, 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 2014, when compared to patients who started RRT in the last three months of 2014.

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

### *Adjustment of incidence and prevalence*

Differences in the unadjusted incidence and prevalence across countries might be due to the differences in the age and gender distribution of the general population. The EU27 age and gender distribution of the European population was therefore used to adjust incidence and prevalence for age and gender [1]. Adjusted rates were derived by applying the weights of the reference population to the observed variable-specific rates (e.g. incidence rate per age group) in a country. This weighted average provides a single summary rate for each country that would be expected if that country had the age and gender distribution of the reference population. The following example shows how to calculate the age adjusted incidence. In this example the incidence rate of country A is 269 Pmp, the age-specific rates of country A and the reference population distribution with respect to age are shown in Table 4.

**Table 4: Calculation of the adjusted incidence rate**

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

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

### *Performed renal transplants*

For all participating countries and regions the number of renal transplants performed during the year are 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. For the analysis of survival data two five-year cohorts were used:

- 2004-2008 - for the presentation of 90-day, one-, two- and five-year survival probabilities.
- 2007-2011 - 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, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castile and León), Spain (Castile-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Wales/Northern Ireland) and United Kingdom (Scotland).

31st December, 2014 was applied as censoring date for all survival analyses. For the different types of survival analysis the events, competing events and censoring were defined as shown in Table 5.

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

| Survival type | Event | Competing event | Censoring |
|---|---|---|---|
| Patients on renal replacement therapy | Death of patient | | Recovery of renal function * |
| | | | Loss to follow-up |
| | | | End of follow-up time |
| Patients on dialysis | | | |
| 1) | Death of patient | | Transplantation * |
| | | | Recovery of renal function * |
| | | | Loss to follow-up |
| | | | End of follow-up time |
| 2) | Death of patient | Transplantation | Recovery of renal function * |
| | | | Loss to follow-up |
| | | | End of follow-up time |
| First transplant recipients | Death of patient | | Loss to follow-up |
| | | | End of follow-up time |
| First graft | Death of patient | | Loss to follow-up |
| | Graft failure | | End of follow-up time |

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

In this annual report we present cumulative survival probabilities (also indicated as "survival probabilities"). The cumulative survival probability is calculated as 100% minus the cumulative probability of death. The cumulative probabilities of death for patients on dialysis (Tables B.6.9-B.6.16) were calculated in two different ways (see Table 5). First, it was calculated as an estimate of the so-called "marginal probability" or "net risk" using the Kaplan-Meier method. Within these analyses transplantation was treated as a censored observation. Second, it was calculated as an estimate of the so called "cause-specific probability" or "crude risk". Within these analyses transplantation was treated as a competing event, because once a patient on dialysis receives a kidney transplant that patient is no longer at risk of dying on dialysis. In this situation transplantation is an event which competes with death.

When treating transplantation as a censored observation, we examine the patients's cumulative probability of death that would be observed if the patient remained on dialysis, i.e. the patient would not stop dialysis due to a kidney transplant (the net risk). The main assumption in these analyses is that at any time the patients who are censored have the same survival prospects as those who are still being followed in the study. In other words, it assumes that censored individuals can be represented by those who remain at risk. However, patients who are censored due to kidney transplantation may have a lower death risk than those remaining on dialysis, for example because they are younger. In that case, when censoring for kidney transplantation, this assumption of non-informative censoring is violated.

On the other hand, when treating transplantation as a competing event, we quantify the cumulative probability of dying without having had a kidney transplant (the crude risk). The resulting probability not only reflects the occurrence of death, but also takes into account the frequency of transplantation. If the probability of receiving a kidney transplant increases, the crude risk of death decreases. In other words, when treating transplantation as a competing event, the number of transplants performed in the period of interest (i.e. 90 days, 1-, 2- and 5 year) influences the probability of patients dying while on dialysis [3,4].

### *Unadjusted survival probabilities*

Unadjusted survival probabilities were calculated using the Kaplan-Meier method. Unadjusted survival probabilities for patients on dialysis were also calculated using cumulative incidence competing risk (CICR) method with transplantation as a competing event [3]. In unadjusted survival analysis the cells in the tables were left blank when there were less than 30 patients in that cell.

### *Adjusted survival probabilities*

The Cox regression model was used to calculate survival probabilities while accounting for confounders [5]. Adjusted survival probabilities of patients on dialysis were also calculated using the Fine and Gray method with transplantation as a competing event [3]. 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.

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

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

### *Confidence intervals*

When survival probabilities were calculated using the Kaplan-Meier method or Cox regression method, the corresponding confidence intervals were calculated according to Bie et al. [6], using the standard error. When survival probabilities were calculated by the cumulative incidence competing risk (CICR) method or Fine and Gray method, the corresponding confidence intervals were calculated using bootstrapping. Bootstrapping is a nonparametric method which involves resampling (with replacement) a given data set a specified number of times. Within our analyses we used 500 resamples, and each resample had the same size as the original dataset. The 500 calculated survival probabilities from each resample provided us with a bootstrap distribution of survival probabilities. Then the 95% confidence interval of the bootstrap distribution of survival probabilities was calculated as the interval between the 2.5% and 97.5% percentiles.

### *Survival figures*

In the Figures B.6.1 to B.6.6 survival was adjusted to age 60 years and gender 60% men. In addition, Figure B.6.1 and Figure B.6.4 were adjusted to a primary renal disease distribution of: 20% Diabetes; 17% Hypertension / renal vascular disease; 15% Glomerulonephritis and 48% Other causes.

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 those who have reached a given age. In this annual report, expected remaining lifetimes were calculated for patients receiving RRT and for the general population. For the calculation of expected remaining lifetimes of both groups, we adopted the methodology used by the United States Renal Data System (USRDS)[7].

In order to calculate expected remaining lifetimes we used data from registries providing data on 2013 and 2014. Consequently, the data of the following national or regional registries from 14 countries were suitable for this analysis: Austria, Belgium (Dutch-speaking), Belgium (French-speaking), Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Cantabria), Spain (Castille and León), Spain (Castille-La Mancha), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Region of Murcia), Spain (Valencian region), Sweden, the Netherlands, United Kingdom (England/Northern Ireland/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 [1] for 2013 and 2014. The size of the contribution of each country to the general population that was used to calculate expected remaining lifetimes was in proportion to the size of the general population covered by its renal registry.

## Aggregated data

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

## Paediatric Section

The incidence and prevalence tables in Section D of this annual report were based on data from 24 national or regional registries from 15 countries that provided complete individual patient data in their paediatric population for 2009 to 2014, including Austria, Bosnia and Herzegovina, Denmark, Estonia, Finland, France, Greece, Iceland, Norway, Romania, Serbia, Spain (Andalusia), Spain (Aragon), Spain (Asturias), Spain (Basque country), Spain (Catalonia), Spain (Extremadura), Spain (Galicia), Spain (Community of Madrid), Spain (Region of Murcia), Spain (Valencian region), Sweden, the Netherlands, and United Kingdom (Scotland). France (coverage from 91.5% in 2009 to 100% in 2012), Romania (coverage from 100% in 2009 to 99.3% in 2014). Bosnia Herzegovina and Serbia provided data since 2011, Spain (Region of Murcia) since 2012, and Estonia since 2013. 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 tables.

Incidence (on day 1) and prevalence of RRT were calculated for subgroups based on age, treatment modality, and cause of renal failure. Incidence of RRT by 2-year cohorts is presented for paediatric patients who started RRT between 2009 and 2014. The cohorts 2009-2010, 2011-2012 and 2013-2014 are presented twice, once including and once excluding the countries with a limited follow-up allowing for a comparison over time. The incidence of 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 sum of the total population in 2013 and the total population in 2014) multiplied by one million. The prevalence of RRT is presented at 31st December of each year from 2009 to 2014.

The prevalence of RRT is presented twice, once including and once excluding the above mentioned countries and periods, allowing for a comparison over time. The prevalence of RRT by cause of renal failure was calculated for patients prevalent on 31st December, 2014. The grouping of primary renal disease codes for the paediatric population is described in Table 7 as it differs from the grouping in the adult population.

**Table 7: Grouping of primary renal diseases for paediatric patients in Section D**
*Groups and codes included*

| **Primary renal disease group** | **Primary renal disease code** (see appendix 1) |
|---|---|
| Congenital anomalies of the kidney and urinary tract (CAKUT) | 20, 21, 22, 23, 24, 25, 29, 60, 61, 63, and 66 |
| Glomerulonephritis | 10, 11, 12, 13, 14, 15, 16, 17, 19, and 86 |
| Cystic kidney disease | 40, 41, 42, 43, and 49 |
| Hereditary nephropathy | 50, 51, and 59 |
| Ischaemic renal failure | 90 |
| Haemolytic uraemic syndrome (HUS) | 88 |
| Metabolic disorders | 52, 53, 54, 92, and 93 |
| Vasculitis | 73, 74, 84, 85, and 87 |
| Miscellaneous | 30, 31, 32, 33, 34, 39, 70, 71, 72, 75, 76, 78, 79, 80, 81, 82, 83, 89, 91, 94, 95, 96, and 99 |
| Missing, unknown | missing and 00 |

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# Appendices

# Appendix 1 - Grouping of primary renal diseases

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

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

# Appendix 2 - Grouping of primary renal disease codes 2012

**I: GLOMERULAR DISEASE**

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

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

**II: TUBULOINTERSTITIAL DISEASE (continued)**

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

**III: SYSTEMIC DISEASE AFFECTING THE KIDNEY**

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

**IV: FAMILIAL / HEREDITARY NEPHROPATHIES**

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

**IV: FAMILIAL / HEREDITARY NEPHROPATHIES (continued)**

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

**V: MISCELLANEOUS RENAL DISORDERS**

| Code | Primary renal disease |
|---|---|
| 3442 | Acute cortical necrosis |
| 3380 | Acute kidney injury |
| 3403 | Acute kidney injury due to circulatory failure |
| 3398 | Acute kidney injury due to hypovolaemia |
| 3435 | Acute kidney injury due to nephrotoxicity |
| 3426 | Acute kidney injury due to rhabdomyolysis |
| 3419 | Acute kidney injury due to sepsis |
| 3457 | Acute pyelonephritis |

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

# Appendix 3 - Grouping of causes of death

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

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

# Appendix 4 - Event type codes

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

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

| | Registries providing individual patient data | | | Registries providing aggregated data | Registries providing paedriatic data |
|---|---|---|---|---|---|
| | Incidence and prevalence | Survival | Expected remaining lifetimes | Incidence and prevalence | Incidence and prevalence |
| Albania | - | - | - | + | - |
| Austria | + | + | + | - | + |
| Belgium, Dutch-speaking | + | + | + | - | - |
| Belgium, French-speaking | + | + | + | - | - |
| Bosnia and Herzegovina | + | - | + | - | + |
| Bulgaria | - | - | - | + | - |
| Croatia | - | - | - | + | - |
| Cyprus | - | - | - | + | - |
| Czech Republic | - | - | - | + | - |
| Denmark | + | + | + | - | + |
| Estonia | + | - | + | - | + |
| Finland | + | + | + | - | + |
| France | + | + | + | - | + |
| Georgia | - | - | - | + | - |
| Greece | + | + | + | - | + |
| Iceland | + | + | + | - | + |
| Israel | - | - | - | + | - |
| Italy (6 of 20 regions) | - | - | - | + | - |
| Latvia | - | - | - | + | - |
| Lithuania | - | - | - | + | - |
| Macedonia | - | - | - | + | - |
| Montenegro | + | - | - | - | - |
| Norway | + | + | + | - | + |
| Poland | - | - | - | + | - |
| Portugal | - | - | - | + | - |
| Romania | + | - | - | - | + |
| Serbia | + | - | - | - | + |
| Slovakia | - | - | - | + | - |
| Spain, Andalusia | + | + | + | + | + |
| Spain, Aragon | + | + | + | + | + |
| Spain, Asturias | + | + | + | + | + |
| Spain, Balearic Islands | - | - | - | + | - |
| Spain, Basque country | + | + | + | + | + |
| Spain, Cantabria | + | + | + | + | - |
| Spain, Castile and León | + | + | + | + | - |
| Spain, Castile-La Mancha | + | + | + | + | - |
| Spain, Catalonia | + | + | + | + | + |
| Spain, Ceuta | - | - | - | + | - |
| Spain, Extremadura | + | + | + | + | + |
| Spain, Galicia | + | + | + | + | + |
| Spain, Melilla | - | - | - | + | - |
| Spain, Community of Madrid | + | - | + | + | + |
| Spain, Region of Murcia | + | - | + | + | + |
| Spain, Navarre | + | - | - | + | - |
| Spain, La Rioja | - | - | - | + | - |
| Spain, Valencian region | + | + | + | + | + |
| Sweden | + | + | + | - | + |
| Switzerland | - | - | - | + | - |
| the Netherlands | + | + | + | - | + |
| Tunisia, Sfax region | - | - | - | + | - |
| Turkey | - | - | - | + | - |
| Ukraine | - | - | - | + | - |
| United Kingdom, England | + | + | + | - | - |
| United Kingdom, Northern Ireland | + | + | + | - | - |
| United Kingdom, Scotland | + | + | + | - | + |
| United Kingdom, Wales | + | + | + | - | - |

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ISBN 978-90-817480-7-0

July 2016