



Spain

ERA
Registry
Survival
Report
2022

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Further information (e.g. collaborating registries, methods) can be found in the ERA Registry annual report 2022, which is published on the ERA Registry website www.era-online.org/research-education/era-registry/annual-reports

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Table A.5.1

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
Patient survival on KRT					
Unadjusted	85.3 (85.1-85.5)	75.3 (75.1-75.5)	51.5 (51.2-51.7)	85.7 (85.6-85.9)	75.7 (75.5-75.9)
Adjusted †	88.2 (88.0-88.3)	79.3 (79.1-79.5)	54.2 (53.9-54.4)	88.3 (88.2-88.5)	79.2 (79.0-79.4)
Patient survival on dialysis					
Unadjusted	84.2 (84.0-84.4)	72.6 (72.4-72.8)	41.3 (41.0-41.5)	84.7 (84.5-84.9)	73.1 (72.9-73.3)
Adjusted †	86.5 (86.4-86.7)	76.3 (76.0-76.5)	46.7 (46.4-47.0)	87.1 (87.0-87.3)	76.9 (76.7-77.1)
Patient survival after first kidney transplantation (deceased donor)					
Unadjusted	96.3 (96.1-96.5)	94.1 (93.8-94.3)	85.1 (84.7-85.4)	96.1 (95.9-96.3)	93.3 (93.1-93.5)
Adjusted ††	98.1 (98.0-98.2)	97.0 (96.8-97.1)	91.9 (91.6-92.2)	98.1 (98.0-98.3)	96.8 (96.6-96.9)
Graft survival after first kidney transplantation (deceased donor)					
Unadjusted	91.0 (90.8-91.3)	87.8 (87.4-88.1)	76.2 (75.7-76.6)	91.1 (90.8-91.3)	87.3 (87.0-87.7)
Adjusted ††	93.1 (92.9-93.4)	90.5 (90.2-90.8)	80.9 (80.5-81.3)	93.4 (93.2-93.7)	90.6 (90.3-90.9)
Patient survival after first kidney transplantation (living donor)					
Unadjusted	98.8 (98.6-99.0)	98.0 (97.7-98.2)	94.2 (93.8-94.6)	98.8 (98.6-99.0)	97.9 (97.6-98.1)
Adjusted ††	99.1 (98.9-99.2)	98.4 (98.2-98.7)	95.3 (95.0-95.7)	99.1 (99.0-99.3)	98.4 (98.2-98.6)
Graft survival after first kidney transplantation (living donor)					
Unadjusted	96.5 (96.2-96.8)	95.0 (94.6-95.3)	88.1 (87.6-88.7)	96.7 (96.4-97.0)	95.1 (94.7-95.4)
Adjusted ††	96.4 (96.1-96.8)	94.8 (94.4-95.2)	87.7 (87.1-88.3)	96.6 (96.2-96.9)	94.9 (94.5-95.3)

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

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

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
Patient survival on KRT					
Unadjusted	89.4 (89.1-89.7)	80.6 (80.2-81.1)	57.9 (57.4-58.5)	89.5 (89.1-89.8)	80.8 (80.4-81.2)
Adjusted †	91.2 (90.9-91.5)	83.5 (83.1-83.9)	60.6 (60.0-61.2)	91.2 (90.9-91.5)	83.4 (83.0-83.8)
Patient survival on dialysis					
Unadjusted	88.7 (88.4-89.1)	78.4 (77.9-78.9)	46.1 (45.4-46.8)	88.8 (88.4-89.1)	78.6 (78.1-79.1)
Adjusted †	90.0 (89.7-90.4)	80.9 (80.5-81.4)	52.2 (51.5-52.9)	90.3 (89.9-90.6)	81.4 (80.9-81.8)
Patient survival after first kidney transplantation (deceased donor)					
Unadjusted	95.5 (95.1-95.9)	93.3 (92.8-93.8)	83.5 (82.8-84.2)	95.3 (94.9-95.7)	92.6 (92.1-93.1)
Adjusted ††	98.1 (97.9-98.3)	97.2 (96.9-97.5)	92.5 (92.0-93.1)	98.2 (98.0-98.4)	97.1 (96.8-97.4)
Graft survival after first kidney transplantation (deceased donor)					
Unadjusted	88.8 (88.2-89.4)	85.6 (85.0-86.3)	73.5 (72.6-74.3)	88.7 (88.1-89.2)	85.0 (84.3-85.6)
Adjusted ††	92.0 (91.5-92.5)	89.6 (89.1-90.2)	80.1 (79.2-80.9)	92.3 (91.8-92.8)	89.7 (89.1-90.3)
Patient survival after first kidney transplantation (living donor)					
Unadjusted	99.4 (98.9-99.7)	98.8 (98.1-99.2)	96.8 (95.8-97.6)	99.3 (98.7-99.6)	98.4 (97.6-99.0)
Adjusted ††	99.5 (99.2-99.9)	99.0 (98.6-99.5)	97.5 (96.7-98.3)	99.7 (99.4-99.9)	99.2 (98.8-99.7)
Graft survival after first kidney transplantation (living donor)					
Unadjusted	95.8 (94.7-96.7)	94.6 (93.3-95.6)	90.4 (88.8-91.8)	95.3 (94.0-96.3)	93.7 (92.2-94.9)
Adjusted ††	95.6 (94.5-96.7)	94.3 (93.1-95.5)	89.8 (88.3-91.4)	95.4 (94.2-96.5)	93.7 (92.3-95.1)

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

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

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

All Countries *	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.5 (99.1-99.7)	98.1 (97.4-98.5)	97.0 (96.3-97.6)	94.6 (93.6-95.4)	99.3 (98.9-99.6)	97.7 (97.0-98.3)	97.0 (96.2-97.6)
20-44	99.2 (99.1-99.3)	97.2 (96.9-97.4)	95.0 (94.7-95.3)	89.4 (88.9-89.8)	99.2 (99.1-99.3)	97.0 (96.8-97.2)	94.5 (94.2-94.8)
45-64	97.5 (97.3-97.6)	91.8 (91.6-92.1)	85.8 (85.5-86.1)	69.3 (68.9-69.7)	97.6 (97.5-97.8)	92.3 (92.1-92.5)	85.9 (85.6-86.2)
65-74	95.0 (94.8-95.2)	84.7 (84.3-85.0)	73.9 (73.5-74.3)	46.2 (45.7-46.7)	95.2 (95.0-95.4)	85.0 (84.7-85.3)	74.3 (73.9-74.7)
75+	91.3 (91.1-91.5)	75.4 (75.0-75.7)	59.5 (59.1-60.0)	25.3 (24.9-25.6)	91.6 (91.4-91.8)	76.2 (75.9-76.6)	60.6 (60.2-61.0)
Male	95.1 (94.9-95.2)	85.1 (84.9-85.3)	74.9 (74.6-75.1)	50.3 (50.0-50.6)	95.2 (95.1-95.3)	85.4 (85.2-85.6)	75.0 (74.8-75.3)
Female	95.0 (94.8-95.2)	85.6 (85.3-85.9)	76.2 (75.9-76.5)	53.6 (53.2-54.0)	95.3 (95.1-95.4)	86.3 (86.0-86.6)	76.8 (76.5-77.1)
Diabetes	96.0 (95.8-96.2)	86.3 (86.0-86.7)	74.8 (74.4-75.2)	44.8 (44.3-45.2)	96.1 (95.9-96.3)	86.5 (86.2-86.8)	74.7 (74.3-75.1)
Hypertension / renal vascular disease	94.7 (94.5-94.9)	83.9 (83.5-84.3)	72.1 (71.6-72.6)	43.3 (42.8-43.9)	95.2 (94.9-95.4)	84.9 (84.5-85.3)	73.1 (72.6-73.6)
Glomerulonephritis	97.7 (97.5-97.9)	92.9 (92.6-93.3)	87.8 (87.3-88.2)	72.6 (71.9-73.2)	98.0 (97.8-98.2)	93.5 (93.2-93.9)	88.2 (87.8-88.7)
Other causes	94.3 (94.2-94.5)	84.0 (83.7-84.3)	74.4 (74.1-74.7)	53.6 (53.2-53.9)	94.5 (94.3-94.6)	84.3 (84.1-84.6)	74.7 (74.4-75.0)
All	95.0 (94.9-95.1)	85.3 (85.1-85.5)	75.3 (75.1-75.5)	51.5 (51.2-51.7)	95.2 (95.1-95.3)	85.7 (85.6-85.9)	75.7 (75.5-75.9)

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

Spain	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.7 (97.8-100)	98.4 (96.3-99.4)	97.2 (94.7-98.5)	95.6 (92.7-97.4)	99.5 (97.8-99.9)	98.3 (96.4-99.3)	98.3 (96.4-99.3)
20-44	99.4 (99.1-99.6)	98.1 (97.5-98.5)	96.3 (95.6-97.0)	92.4 (91.4-93.3)	99.3 (98.9-99.5)	97.9 (97.3-98.3)	96.2 (95.5-96.8)
45-64	98.2 (97.9-98.4)	93.7 (93.2-94.2)	88.5 (87.9-89.2)	74.1 (73.2-74.9)	98.5 (98.3-98.8)	94.2 (93.7-94.6)	89.0 (88.4-89.6)
65-74	96.6 (96.2-97.0)	88.3 (87.6-89.0)	78.5 (77.6-79.4)	52.1 (51.0-53.1)	96.8 (96.4-97.1)	88.1 (87.5-88.8)	78.4 (77.6-79.2)
75+	94.7 (94.3-95.2)	82.6 (81.8-83.3)	68.3 (67.3-69.2)	33.1 (32.2-34.1)	95.1 (94.7-95.5)	82.9 (82.1-83.6)	69.0 (68.1-69.9)
Male	96.7 (96.5-97.0)	89.0 (88.6-89.4)	79.9 (79.3-80.4)	55.9 (55.2-56.6)	97.0 (96.8-97.2)	89.1 (88.7-89.5)	80.0 (79.4-80.5)
Female	97.1 (96.8-97.4)	90.2 (89.6-90.7)	82.3 (81.5-83.0)	62.1 (61.1-63.1)	97.3 (97.0-97.6)	90.3 (89.7-90.8)	82.5 (81.8-83.2)
Diabetes	97.2 (96.8-97.5)	88.7 (88.0-89.4)	78.2 (77.3-79.1)	49.4 (48.2-50.5)	97.5 (97.2-97.9)	89.0 (88.3-89.7)	78.7 (77.8-79.5)
Hypertension / renal vascular disease	96.7 (96.1-97.2)	88.9 (87.9-89.8)	78.6 (77.3-79.8)	51.4 (49.9-52.9)	97.1 (96.5-97.5)	88.8 (87.8-89.7)	78.6 (77.4-79.8)
Glomerulonephritis	98.2 (97.7-98.6)	94.1 (93.3-94.8)	89.3 (88.3-90.2)	75.0 (73.6-76.3)	98.6 (98.2-98.9)	94.6 (93.9-95.2)	89.5 (88.5-90.3)
Other causes	96.4 (96.1-96.7)	88.7 (88.2-89.2)	80.3 (79.7-81.0)	60.0 (59.2-60.8)	96.6 (96.3-96.9)	88.8 (88.3-89.3)	80.5 (79.9-81.1)
All	96.9 (96.7-97.1)	89.4 (89.1-89.7)	80.6 (80.2-81.1)	57.9 (57.4-58.5)	97.1 (96.9-97.3)	89.5 (89.1-89.8)	80.8 (80.4-81.2)

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

All Countries *	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.5 (99.2-99.8)	98.0 (97.4-98.6)	97.0 (96.3-97.7)	94.3 (93.4-95.3)	99.3 (98.9-99.6)	97.6 (97.0-98.2)	96.8 (96.1-97.6)
20-44	99.2 (99.1-99.4)	97.2 (96.9-97.4)	94.9 (94.6-95.3)	89.0 (88.5-89.5)	99.2 (99.1-99.3)	97.0 (96.7-97.2)	94.4 (94.1-94.7)
45-64	97.6 (97.5-97.8)	92.2 (91.9-92.4)	86.2 (86.0-86.5)	69.7 (69.3-70.1)	97.8 (97.7-98.0)	92.7 (92.4-92.9)	86.3 (86.0-86.6)
65-74	95.4 (95.2-95.6)	85.5 (85.2-85.8)	75.1 (74.7-75.5)	47.6 (47.1-48.0)	95.5 (95.4-95.7)	85.8 (85.5-86.1)	75.3 (74.9-75.7)
75+	91.7 (91.4-91.9)	76.2 (75.8-76.5)	60.5 (60.1-60.9)	26.1 (25.7-26.5)	92.1 (91.9-92.3)	77.1 (76.8-77.5)	61.7 (61.3-62.1)
Male	96.2 (96.1-96.3)	88.0 (87.8-88.2)	78.8 (78.5-79.0)	52.8 (52.4-53.1)	96.3 (96.2-96.4)	88.1 (87.9-88.2)	78.6 (78.4-78.9)
Female	96.2 (96.0-96.3)	88.5 (88.2-88.7)	80.1 (79.8-80.4)	56.6 (56.1-57.0)	96.3 (96.2-96.5)	88.8 (88.5-89.0)	80.2 (79.9-80.5)
Diabetes	96.6 (96.5-96.8)	88.2 (87.9-88.5)	77.6 (77.2-78.0)	46.7 (46.2-47.2)	96.7 (96.5-96.9)	88.3 (88.0-88.6)	77.5 (77.1-77.9)
Hypertension / renal vascular disease	96.8 (96.6-96.9)	89.8 (89.5-90.0)	81.4 (81.0-81.8)	56.1 (55.6-56.6)	96.9 (96.7-97.0)	89.9 (89.6-90.2)	81.2 (80.8-81.6)
Glomerulonephritis	97.4 (97.2-97.6)	91.8 (91.4-92.2)	85.5 (85.0-86.0)	65.5 (64.7-66.2)	97.7 (97.5-97.9)	92.5 (92.1-92.9)	86.0 (85.5-86.6)
Other causes	95.3 (95.1-95.4)	86.2 (85.9-86.4)	77.1 (76.8-77.4)	54.1 (53.7-54.5)	95.4 (95.2-95.5)	86.3 (86.1-86.5)	77.2 (76.9-77.4)
All	96.2 (96.1-96.3)	88.2 (88.0-88.3)	79.3 (79.1-79.5)	54.2 (53.9-54.4)	96.3 (96.2-96.4)	88.3 (88.2-88.5)	79.2 (79.0-79.4)

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

Spain	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.7 (99.0-100)	98.4 (96.9-99.8)	97.0 (95.1-99.0)	95.3 (93.0-97.7)	99.4 (98.7-100)	98.3 (96.9-99.7)	98.3 (96.9-99.7)
20-44	99.4 (99.1-99.7)	98.0 (97.5-98.5)	96.2 (95.6-96.9)	92.2 (91.2-93.1)	99.3 (99.0-99.6)	97.9 (97.4-98.4)	96.1 (95.4-96.8)
45-64	98.2 (97.9-98.4)	93.8 (93.3-94.3)	88.7 (88.1-89.4)	74.3 (73.4-75.2)	98.6 (98.3-98.8)	94.3 (93.9-94.8)	89.2 (88.6-89.8)
65-74	96.8 (96.4-97.1)	88.8 (88.2-89.5)	79.4 (78.6-80.3)	53.5 (52.5-54.6)	97.0 (96.6-97.3)	88.6 (88.0-89.3)	79.2 (78.4-80.0)
75+	94.8 (94.4-95.3)	82.9 (82.2-83.7)	68.9 (67.9-69.8)	33.9 (32.9-34.9)	95.3 (94.9-95.7)	83.4 (82.7-84.2)	69.9 (69.0-70.8)
Male	97.3 (97.1-97.5)	90.8 (90.4-91.1)	82.6 (82.1-83.1)	58.1 (57.4-58.8)	97.5 (97.3-97.7)	90.7 (90.4-91.1)	82.5 (82.0-83.0)
Female	97.7 (97.4-97.9)	91.8 (91.4-92.3)	84.9 (84.2-85.5)	64.9 (63.9-65.8)	97.8 (97.5-98.0)	91.8 (91.3-92.3)	84.8 (84.1-85.4)
Diabetes	97.6 (97.3-97.9)	90.5 (89.8-91.1)	81.1 (80.2-81.9)	52.4 (51.3-53.5)	98.0 (97.7-98.2)	90.7 (90.2-91.3)	81.7 (80.9-82.5)
Hypertension / renal vascular disease	97.9 (97.6-98.2)	92.8 (92.1-93.4)	85.5 (84.7-86.4)	62.9 (61.6-64.3)	98.0 (97.7-98.4)	92.4 (91.7-93.0)	84.9 (84.0-85.9)
Glomerulonephritis	97.9 (97.5-98.4)	93.1 (92.3-94.0)	87.3 (86.1-88.4)	68.8 (67.1-70.4)	98.5 (98.1-98.8)	93.9 (93.1-94.7)	87.9 (86.8-88.9)
Other causes	97.0 (96.7-97.2)	90.3 (89.8-90.7)	82.6 (82.0-83.2)	61.5 (60.7-62.3)	97.0 (96.8-97.3)	90.1 (89.6-90.5)	82.4 (81.8-82.9)
All	97.4 (97.3-97.6)	91.2 (90.9-91.5)	83.5 (83.1-83.9)	60.6 (60.0-61.2)	97.6 (97.5-97.8)	91.2 (90.9-91.5)	83.4 (83.0-83.8)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	98.3 (97.7-98.8)	97.4 (96.6-98.0)	94.9 (94.0-95.8)	98.2 (97.5-98.6)	97.5 (96.8-98.1)
20-44	97.3 (97.1-97.5)	95.2 (94.9-95.5)	89.6 (89.2-90.1)	97.2 (96.9-97.4)	94.7 (94.4-95.0)
45-64	92.8 (92.5-93.0)	86.6 (86.3-86.9)	69.9 (69.5-70.3)	92.9 (92.7-93.2)	86.5 (86.2-86.8)
65-74	86.4 (86.0-86.7)	75.2 (74.8-75.6)	46.7 (46.2-47.2)	86.7 (86.4-87.0)	75.5 (75.1-75.9)
75+	78.4 (78.1-78.8)	61.5 (61.1-62.0)	25.7 (25.4-26.1)	79.2 (78.8-79.5)	62.4 (62.0-62.8)
Male	86.9 (86.7-87.1)	76.3 (76.1-76.6)	51.4 (51.1-51.7)	87.2 (87.0-87.4)	76.4 (76.1-76.6)
Female	87.8 (87.5-88.0)	78.1 (77.8-78.4)	55.1 (54.6-55.5)	88.2 (88.0-88.5)	78.5 (78.2-78.8)
Diabetes	87.0 (86.6-87.3)	75.1 (74.7-75.6)	44.7 (44.2-45.2)	87.2 (86.9-87.5)	74.8 (74.4-75.2)
Hypertension / renal vascular disease	85.6 (85.2-86.0)	73.5 (73.0-74.0)	44.0 (43.4-44.5)	86.3 (85.9-86.7)	74.0 (73.5-74.5)
Glomerulonephritis	93.9 (93.5-94.2)	88.5 (88.1-89.0)	73.1 (72.5-73.7)	94.1 (93.7-94.4)	88.8 (88.4-89.3)
Other causes	86.6 (86.3-86.8)	76.8 (76.4-77.1)	55.6 (55.2-55.9)	86.8 (86.6-87.0)	76.9 (76.6-77.2)
All	87.2 (87.1-87.4)	77.0 (76.8-77.2)	52.7 (52.4-52.9)	87.5 (87.4-87.7)	77.1 (76.9-77.3)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	98.8 (96.7-99.5)	97.5 (95.0-98.7)	95.6 (92.6-97.3)	98.9 (97.1-99.6)	98.9 (97.1-99.6)
20-44	97.9 (97.3-98.3)	96.7 (96.0-97.2)	92.6 (91.6-93.4)	98.2 (97.6-98.6)	96.7 (96.0-97.3)
45-64	94.1 (93.6-94.6)	89.0 (88.3-89.6)	74.4 (73.5-75.3)	94.3 (93.9-94.8)	89.1 (88.5-89.7)
65-74	89.3 (88.6-89.9)	79.1 (78.2-80.0)	52.0 (50.9-53.1)	88.7 (88.0-89.3)	78.6 (77.7-79.4)
75+	83.1 (82.3-83.9)	68.4 (67.4-69.4)	32.4 (31.4-33.4)	83.6 (82.8-84.3)	69.2 (68.2-70.1)
Male	89.7 (89.3-90.1)	80.3 (79.7-80.8)	56.0 (55.3-56.7)	89.7 (89.3-90.1)	80.2 (79.7-80.7)
Female	90.6 (90.0-91.2)	83.0 (82.2-83.7)	62.4 (61.5-63.4)	90.6 (90.1-91.2)	83.0 (82.2-83.7)
Diabetes	88.5 (87.7-89.2)	78.3 (77.3-79.2)	48.6 (47.4-49.7)	88.8 (88.1-89.5)	78.2 (77.2-79.0)
Hypertension / renal vascular disease	89.2 (88.2-90.1)	78.8 (77.6-80.1)	51.0 (49.5-52.5)	89.2 (88.2-90.1)	78.6 (77.3-79.8)
Glomerulonephritis	94.7 (94.0-95.4)	89.8 (88.8-90.7)	75.2 (73.8-76.5)	94.9 (94.2-95.5)	89.4 (88.4-90.3)
Other causes	89.8 (89.3-90.3)	81.1 (80.5-81.8)	60.9 (60.0-61.7)	89.7 (89.2-90.2)	81.4 (80.8-82.0)
All	90.0 (89.7-90.4)	81.2 (80.7-81.6)	58.1 (57.6-58.7)	90.0 (89.7-90.3)	81.1 (80.7-81.5)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	98.3 (97.8-98.9)	97.3 (96.6-98.0)	94.6 (93.7-95.6)	98.1 (97.5-98.7)	97.4 (96.7-98.0)
20-44	97.2 (97.0-97.5)	95.1 (94.8-95.4)	89.2 (88.7-89.7)	97.1 (96.8-97.3)	94.6 (94.2-94.9)
45-64	93.0 (92.8-93.2)	87.0 (86.7-87.3)	70.3 (69.8-70.7)	93.1 (92.9-93.4)	86.8 (86.5-87.1)
65-74	87.0 (86.7-87.4)	76.3 (75.9-76.7)	48.1 (47.6-48.6)	87.3 (87.0-87.6)	76.4 (76.0-76.8)
75+	79.1 (78.7-79.4)	62.5 (62.0-62.9)	26.6 (26.2-27.0)	79.9 (79.5-80.2)	63.4 (63.0-63.8)
Male	89.2 (89.1-89.4)	79.7 (79.4-79.9)	53.1 (52.8-53.4)	89.2 (89.1-89.4)	79.4 (79.2-79.7)
Female	90.0 (89.8-90.2)	81.4 (81.0-81.7)	57.2 (56.8-57.6)	90.1 (89.8-90.3)	81.2 (80.9-81.5)
Diabetes	88.6 (88.3-88.9)	77.7 (77.3-78.1)	46.2 (45.7-46.7)	88.8 (88.5-89.1)	77.3 (77.0-77.7)
Hypertension / renal vascular disease	90.8 (90.5-91.1)	82.2 (81.8-82.6)	56.2 (55.6-56.7)	90.7 (90.5-91.0)	81.7 (81.3-82.0)
Glomerulonephritis	92.7 (92.3-93.1)	86.2 (85.7-86.7)	65.6 (64.9-66.4)	93.0 (92.6-93.4)	86.6 (86.1-87.1)
Other causes	88.2 (88.0-88.4)	78.8 (78.5-79.1)	55.3 (54.9-55.6)	88.3 (88.0-88.5)	78.8 (78.5-79.1)
All	89.5 (89.4-89.7)	80.3 (80.1-80.5)	54.6 (54.4-54.9)	89.6 (89.4-89.7)	80.1 (79.9-80.3)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	98.7 (97.4-100)	97.3 (95.5-99.2)	95.2 (92.8-97.7)	98.8 (97.7-100)	98.8 (97.7-100)
20-44	97.8 (97.3-98.3)	96.5 (95.9-97.2)	92.3 (91.3-93.2)	98.1 (97.6-98.6)	96.6 (96.0-97.3)
45-64	94.2 (93.8-94.7)	89.2 (88.5-89.8)	74.6 (73.7-75.5)	94.4 (94.0-94.9)	89.3 (88.6-89.9)
65-74	89.8 (89.1-90.4)	80.0 (79.2-80.9)	53.5 (52.5-54.7)	89.1 (88.5-89.7)	79.3 (78.5-80.2)
75+	83.5 (82.7-84.3)	69.1 (68.1-70.0)	33.2 (32.2-34.2)	84.1 (83.4-84.9)	70.0 (69.1-70.9)
Male	91.3 (91.0-91.7)	82.9 (82.3-83.4)	57.9 (57.2-58.6)	91.2 (90.8-91.6)	82.6 (82.1-83.1)
Female	92.2 (91.7-92.7)	85.4 (84.8-86.1)	64.9 (63.9-65.9)	92.0 (91.5-92.5)	85.1 (84.4-85.7)
Diabetes	90.2 (89.6-90.9)	81.1 (80.3-82.0)	51.3 (50.2-52.5)	90.6 (90.0-91.2)	81.2 (80.4-82.0)
Hypertension / renal vascular disease	93.0 (92.3-93.6)	85.7 (84.8-86.6)	62.4 (61.1-63.8)	92.6 (92.0-93.3)	84.9 (84.0-85.9)
Glomerulonephritis	93.8 (93.0-94.6)	87.7 (86.6-88.9)	68.6 (67.0-70.3)	94.2 (93.4-94.9)	87.7 (86.6-88.7)
Other causes	91.2 (90.8-91.6)	83.2 (82.6-83.8)	62.0 (61.1-62.8)	90.9 (90.4-91.3)	83.1 (82.5-83.7)
All	91.7 (91.4-92.0)	83.9 (83.5-84.3)	60.5 (59.9-61.1)	91.5 (91.3-91.8)	83.6 (83.2-84.0)

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

All Countries *	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.4 (98.9-99.7)	97.3 (96.4-98.0)	95.0 (93.5-96.2)	85.8 (81.7-89.0)	99.4 (98.9-99.6)	97.0 (96.0-97.7)	95.9 (94.7-96.9)
20-44	99.1 (98.9-99.2)	96.6 (96.3-96.9)	93.1 (92.6-93.5)	79.7 (78.7-80.7)	99.1 (99.0-99.3)	96.4 (96.0-96.7)	92.4 (91.9-92.9)
45-64	97.3 (97.2-97.4)	91.0 (90.7-91.2)	83.5 (83.2-83.9)	58.9 (58.3-59.4)	97.5 (97.3-97.6)	91.5 (91.3-91.8)	83.7 (83.4-84.1)
65-74	94.9 (94.7-95.1)	84.1 (83.8-84.4)	72.5 (72.1-72.9)	41.0 (40.5-41.5)	95.0 (94.8-95.2)	84.5 (84.1-84.8)	72.9 (72.5-73.3)
75+	91.3 (91.0-91.5)	75.3 (74.9-75.6)	59.3 (58.9-59.7)	24.6 (24.2-25.0)	91.6 (91.3-91.8)	76.1 (75.7-76.4)	60.3 (59.9-60.7)
Male	94.8 (94.7-94.9)	84.0 (83.8-84.2)	72.1 (71.8-72.4)	39.9 (39.5-40.2)	95.0 (94.8-95.1)	84.4 (84.2-84.6)	72.5 (72.2-72.8)
Female	94.7 (94.5-94.9)	84.5 (84.2-84.8)	73.5 (73.1-73.9)	43.7 (43.3-44.2)	95.0 (94.8-95.2)	85.2 (84.9-85.5)	74.3 (73.9-74.6)
Diabetes	95.9 (95.7-96.1)	85.9 (85.6-86.3)	73.6 (73.1-74.0)	38.7 (38.2-39.2)	96.0 (95.9-96.2)	86.2 (85.8-86.5)	73.6 (73.2-74.0)
Hypertension / renal vascular disease	94.6 (94.4-94.9)	83.4 (83.0-83.8)	70.8 (70.3-71.3)	37.6 (37.1-38.2)	95.1 (94.9-95.3)	84.5 (84.0-84.9)	71.9 (71.3-72.4)
Glomerulonephritis	97.5 (97.3-97.7)	91.9 (91.5-92.3)	85.1 (84.5-85.6)	59.2 (58.2-60.1)	97.8 (97.6-98.0)	92.6 (92.2-93.0)	85.6 (85.0-86.1)
Other causes	93.9 (93.7-94.1)	82.3 (82.1-82.6)	70.7 (70.4-71.1)	41.7 (41.3-42.1)	94.1 (93.9-94.2)	82.8 (82.5-83.0)	71.3 (70.9-71.6)
All	94.8 (94.7-94.9)	84.2 (84.0-84.4)	72.6 (72.4-72.8)	41.3 (41.0-41.5)	95.0 (94.9-95.1)	84.7 (84.5-84.9)	73.1 (72.9-73.3)

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

Spain	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.5 (96.7-99.9)	97.3 (93.7-98.9)	91.5 (83.1-95.8)	86.4 (74.4-93.0)	99.6 (97.1-99.9)	97.3 (93.6-98.9)	97.3 (93.6-98.9)
20-44	99.3 (98.9-99.6)	97.7 (97.0-98.2)	95.1 (94.1-96.0)	84.3 (81.7-86.5)	99.2 (98.8-99.4)	97.5 (96.8-98.0)	95.0 (93.9-95.8)
45-64	98.1 (97.8-98.4)	93.3 (92.7-93.8)	86.7 (85.9-87.4)	61.8 (60.3-63.1)	98.5 (98.2-98.7)	93.7 (93.2-94.2)	87.2 (86.4-87.9)
65-74	96.5 (96.1-96.9)	88.0 (87.3-88.7)	77.4 (76.4-78.3)	45.2 (43.9-46.4)	96.7 (96.3-97.0)	87.7 (87.0-88.4)	77.2 (76.3-78.1)
75+	94.7 (94.3-95.2)	82.5 (81.7-83.3)	68.1 (67.1-69.0)	32.1 (31.1-33.1)	95.1 (94.7-95.5)	82.8 (82.0-83.5)	68.7 (67.7-69.6)
Male	96.6 (96.3-96.9)	88.4 (87.9-88.8)	77.5 (76.9-78.1)	43.6 (42.8-44.5)	96.9 (96.6-97.1)	88.4 (88.0-88.8)	77.7 (77.1-78.3)
Female	97.0 (96.6-97.3)	89.5 (88.9-90.1)	80.2 (79.3-81.0)	51.1 (49.8-52.3)	97.2 (96.8-97.5)	89.6 (88.9-90.1)	80.5 (79.7-81.3)
Diabetes	97.1 (96.7-97.5)	88.5 (87.7-89.2)	77.1 (76.1-78.1)	41.5 (40.2-42.8)	97.5 (97.2-97.8)	88.8 (88.1-89.4)	77.8 (76.8-78.7)
Hypertension / renal vascular disease	96.7 (96.1-97.2)	88.6 (87.6-89.6)	77.5 (76.1-78.7)	43.5 (41.8-45.2)	97.0 (96.4-97.5)	88.4 (87.4-89.3)	77.2 (75.9-78.5)
Glomerulonephritis	98.1 (97.6-98.5)	93.6 (92.7-94.3)	87.0 (85.7-88.1)	60.5 (58.2-62.8)	98.5 (98.1-98.8)	93.9 (93.1-94.6)	87.0 (85.8-88.1)
Other causes	96.2 (95.9-96.5)	87.8 (87.2-88.3)	77.5 (76.8-78.2)	47.3 (46.2-48.3)	96.4 (96.1-96.7)	87.9 (87.3-88.4)	77.7 (77.0-78.4)
All	96.7 (96.5-96.9)	88.7 (88.4-89.1)	78.4 (77.9-78.9)	46.1 (45.4-46.8)	97.0 (96.8-97.2)	88.8 (88.4-89.1)	78.6 (78.1-79.1)

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

All Countries *	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.4 (99.1-99.8)	97.3 (96.5-98.2)	95.0 (93.7-96.4)	85.5 (81.9-89.3)	99.3 (98.9-99.7)	96.8 (95.9-97.8)	95.7 (94.6-96.9)
20-44	99.1 (99.0-99.3)	96.6 (96.3-96.9)	93.2 (92.7-93.6)	79.6 (78.6-80.6)	99.2 (99.0-99.3)	96.4 (96.1-96.7)	92.4 (91.9-92.9)
45-64	97.5 (97.3-97.6)	91.3 (91.1-91.6)	84.0 (83.7-84.4)	59.6 (59.1-60.2)	97.7 (97.6-97.8)	91.9 (91.7-92.2)	84.2 (83.9-84.6)
65-74	95.2 (95.0-95.4)	84.8 (84.5-85.1)	73.5 (73.1-73.9)	42.2 (41.7-42.7)	95.4 (95.2-95.6)	85.2 (84.8-85.5)	73.9 (73.5-74.3)
75+	91.6 (91.4-91.8)	75.9 (75.6-76.3)	60.0 (59.6-60.4)	25.1 (24.8-25.5)	92.0 (91.8-92.2)	76.9 (76.5-77.2)	61.2 (60.8-61.6)
Male	95.7 (95.6-95.8)	86.3 (86.1-86.5)	75.7 (75.4-76.0)	45.1 (44.7-45.5)	95.9 (95.8-96.0)	86.8 (86.6-87.0)	76.2 (76.0-76.5)
Female	95.6 (95.5-95.8)	86.8 (86.6-87.1)	77.1 (76.8-77.5)	49.4 (48.9-49.9)	95.9 (95.8-96.1)	87.5 (87.3-87.8)	77.9 (77.6-78.2)
Diabetes	96.3 (96.2-96.5)	87.2 (86.9-87.5)	75.6 (75.2-76.1)	41.5 (41.0-42.0)	96.5 (96.3-96.7)	87.5 (87.2-87.8)	76.0 (75.6-76.4)
Hypertension / renal vascular disease	96.2 (96.0-96.4)	88.0 (87.7-88.3)	78.3 (77.9-78.7)	49.1 (48.5-49.7)	96.5 (96.4-96.7)	88.7 (88.4-89.0)	78.9 (78.5-79.4)
Glomerulonephritis	97.2 (96.9-97.4)	90.9 (90.5-91.4)	83.6 (83.0-84.2)	57.1 (56.2-58.1)	97.5 (97.3-97.7)	91.7 (91.3-92.2)	84.2 (83.6-84.8)
Other causes	94.6 (94.5-94.8)	84.2 (84.0-84.5)	73.6 (73.3-74.0)	46.0 (45.6-46.4)	94.9 (94.7-95.0)	84.8 (84.6-85.1)	74.4 (74.1-74.7)
All	95.7 (95.6-95.8)	86.5 (86.4-86.7)	76.3 (76.0-76.5)	46.7 (46.4-47.0)	95.9 (95.8-96.0)	87.1 (87.0-87.3)	76.9 (76.7-77.1)

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

Spain	Survival probabilities as % (95% CI)						
	cohort 2013 - 2017				cohort 2016 - 2020		
	90 day	1 year	2 year	5 year	90 day	1 year	2 year
0-19	99.5 (98.6-100)	97.2 (94.8-99.7)	91.3 (85.4-97.6)	86.2 (77.6-95.6)	99.6 (98.8-100)	97.2 (94.8-99.7)	97.2 (94.8-99.7)
20-44	99.3 (99.0-99.6)	97.7 (97.1-98.3)	95.1 (94.2-96.1)	84.2 (81.9-86.6)	99.2 (98.9-99.6)	97.6 (97.0-98.2)	95.0 (94.0-95.9)
45-64	98.1 (97.9-98.4)	93.4 (92.9-93.9)	87.0 (86.2-87.7)	62.6 (61.2-64.0)	98.5 (98.3-98.8)	93.8 (93.3-94.3)	87.5 (86.8-88.2)
65-74	96.7 (96.3-97.1)	88.4 (87.7-89.1)	78.1 (77.2-79.1)	46.6 (45.3-47.9)	96.9 (96.5-97.2)	88.2 (87.5-88.9)	77.9 (77.0-78.8)
75+	94.8 (94.4-95.3)	82.8 (82.0-83.6)	68.6 (67.6-69.5)	32.7 (31.7-33.7)	95.3 (94.9-95.7)	83.3 (82.5-84.0)	69.4 (68.5-70.3)
Male	97.0 (96.7-97.2)	89.5 (89.1-90.0)	79.9 (79.3-80.4)	49.2 (48.4-50.1)	97.3 (97.1-97.5)	89.8 (89.4-90.2)	80.3 (79.8-80.9)
Female	97.3 (97.0-97.6)	90.7 (90.2-91.3)	82.6 (81.8-83.4)	57.3 (56.2-58.5)	97.6 (97.3-97.8)	90.9 (90.4-91.5)	83.0 (82.3-83.8)
Diabetes	97.4 (97.1-97.8)	89.6 (88.9-90.2)	79.1 (78.2-80.0)	45.4 (44.1-46.7)	97.8 (97.5-98.1)	90.1 (89.5-90.7)	80.3 (79.5-81.2)
Hypertension / renal vascular disease	97.5 (97.1-97.9)	91.5 (90.7-92.2)	82.9 (81.9-84.0)	54.9 (53.3-56.5)	97.8 (97.4-98.2)	91.3 (90.6-92.1)	82.8 (81.8-83.9)
Glomerulonephritis	97.8 (97.3-98.3)	92.8 (91.8-93.7)	85.7 (84.4-87.1)	59.9 (57.7-62.3)	98.3 (97.9-98.8)	93.3 (92.5-94.2)	86.1 (84.9-87.4)
Other causes	96.6 (96.3-96.9)	88.9 (88.4-89.5)	79.8 (79.1-80.5)	52.8 (51.8-53.8)	96.8 (96.5-97.0)	89.1 (88.6-89.6)	80.0 (79.4-80.7)
All	97.1 (96.9-97.3)	90.0 (89.7-90.4)	80.9 (80.5-81.4)	52.2 (51.5-52.9)	97.4 (97.2-97.6)	90.3 (89.9-90.6)	81.4 (80.9-81.8)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	97.5 (96.4-98.2)	95.5 (93.9-96.6)	85.6 (81.3-89.0)	97.2 (96.1-97.9)	96.3 (95.0-97.2)
20-44	96.5 (96.1-96.8)	92.9 (92.3-93.3)	78.8 (77.8-79.8)	96.3 (96.0-96.6)	92.3 (91.8-92.8)
45-64	91.8 (91.5-92.0)	83.9 (83.6-84.3)	58.6 (58.0-59.1)	92.0 (91.7-92.2)	84.0 (83.7-84.4)
65-74	85.7 (85.4-86.0)	73.6 (73.1-74.0)	41.0 (40.5-41.6)	86.1 (85.8-86.4)	74.0 (73.5-74.4)
75+	78.3 (77.9-78.7)	61.2 (60.8-61.7)	25.0 (24.6-25.4)	79.0 (78.7-79.4)	62.0 (61.6-62.4)
Male	85.7 (85.5-85.9)	73.1 (72.8-73.4)	39.9 (39.6-40.3)	86.0 (85.8-86.2)	73.4 (73.1-73.7)
Female	86.5 (86.2-86.8)	75.0 (74.6-75.4)	44.1 (43.7-44.6)	87.0 (86.7-87.3)	75.6 (75.2-76.0)
Diabetes	86.4 (86.1-86.8)	73.6 (73.1-74.0)	38.0 (37.5-38.5)	86.7 (86.4-87.1)	73.4 (73.0-73.9)
Hypertension / renal vascular disease	85.0 (84.6-85.4)	71.9 (71.4-72.5)	37.6 (37.0-38.2)	85.8 (85.3-86.2)	72.6 (72.1-73.1)
Glomerulonephritis	92.7 (92.3-93.1)	85.4 (84.8-85.9)	58.6 (57.6-59.6)	93.0 (92.6-93.3)	85.7 (85.2-86.3)
Other causes	84.8 (84.5-85.1)	72.5 (72.2-72.9)	42.5 (42.1-42.9)	85.1 (84.9-85.4)	73.1 (72.7-73.4)
All	86.0 (85.8-86.2)	73.8 (73.5-74.0)	41.4 (41.1-41.7)	86.4 (86.2-86.5)	74.2 (74.0-74.4)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	97.8 (94.2-99.2)	91.9 (83.4-96.2)	86.8 (74.7-93.4)	97.7 (94.0-99.2)	97.7 (94.0-99.2)
20-44	97.4 (96.6-98.0)	95.4 (94.3-96.2)	83.1 (80.3-85.5)	97.7 (97.0-98.3)	95.5 (94.5-96.3)
45-64	93.4 (92.9-94.0)	86.6 (85.7-87.4)	60.9 (59.4-62.3)	93.6 (93.1-94.1)	86.7 (85.9-87.5)
65-74	88.9 (88.1-89.6)	77.6 (76.6-78.5)	44.5 (43.2-45.8)	88.2 (87.5-88.9)	77.0 (76.1-77.9)
75+	83.0 (82.2-83.8)	68.2 (67.2-69.2)	31.3 (30.3-32.3)	83.5 (82.7-84.2)	68.8 (67.8-69.7)
Male	88.8 (88.4-89.3)	77.3 (76.7-77.9)	42.6 (41.7-43.5)	88.8 (88.4-89.3)	77.4 (76.7-78.0)
Female	89.8 (89.1-90.4)	80.4 (79.5-81.3)	50.2 (48.9-51.4)	89.8 (89.1-90.4)	80.5 (79.6-81.3)
Diabetes	88.1 (87.3-88.9)	76.8 (75.8-77.8)	40.0 (38.6-41.3)	88.5 (87.8-89.2)	76.9 (75.9-77.8)
Hypertension / renal vascular disease	88.8 (87.7-89.7)	77.5 (76.1-78.8)	42.2 (40.4-43.9)	88.6 (87.6-89.6)	77.0 (75.6-78.3)
Glomerulonephritis	94.1 (93.2-94.8)	86.8 (85.5-88.1)	59.2 (56.7-61.6)	94.1 (93.3-94.8)	86.3 (85.0-87.5)
Other causes	88.7 (88.1-89.2)	77.6 (76.8-78.4)	46.9 (45.9-48.0)	88.5 (88.0-89.1)	78.1 (77.3-78.8)
All	89.1 (88.8-89.5)	78.3 (77.8-78.8)	45.1 (44.4-45.8)	89.1 (88.8-89.5)	78.4 (77.9-78.9)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	97.5 (96.6-98.4)	95.4 (94.0-96.7)	85.1 (81.2-89.2)	97.0 (96.1-98.0)	96.0 (94.9-97.2)
20-44	96.4 (96.1-96.8)	92.9 (92.4-93.4)	78.6 (77.6-79.7)	96.3 (95.9-96.6)	92.2 (91.7-92.7)
45-64	92.0 (91.8-92.3)	84.4 (84.1-84.8)	59.3 (58.8-59.9)	92.2 (92.0-92.5)	84.5 (84.1-84.8)
65-74	86.3 (85.9-86.6)	74.5 (74.0-74.9)	42.3 (41.8-42.8)	86.6 (86.3-86.9)	74.8 (74.4-75.2)
75+	78.8 (78.4-79.1)	61.9 (61.4-62.3)	25.5 (25.1-25.9)	79.6 (79.2-79.9)	62.8 (62.4-63.2)
Male	87.6 (87.4-87.8)	76.4 (76.1-76.6)	44.9 (44.5-45.2)	88.0 (87.8-88.2)	76.8 (76.5-77.1)
Female	88.4 (88.2-88.7)	78.3 (77.9-78.6)	49.5 (49.0-50.0)	88.8 (88.6-89.1)	78.8 (78.4-79.1)
Diabetes	87.6 (87.2-87.9)	75.5 (75.1-75.9)	40.6 (40.0-41.1)	88.0 (87.7-88.3)	75.7 (75.2-76.1)
Hypertension / renal vascular disease	89.1 (88.8-89.4)	78.9 (78.5-79.4)	48.6 (48.0-49.3)	89.5 (89.2-89.8)	79.2 (78.8-79.7)
Glomerulonephritis	91.9 (91.4-92.3)	84.0 (83.4-84.6)	56.7 (55.7-57.7)	92.2 (91.7-92.6)	84.5 (83.9-85.1)
Other causes	86.3 (86.1-86.6)	75.1 (74.8-75.5)	46.5 (46.0-46.9)	86.8 (86.5-87.0)	75.8 (75.5-76.2)
All	87.9 (87.7-88.1)	77.1 (76.9-77.3)	46.6 (46.3-46.9)	88.3 (88.1-88.5)	77.5 (77.3-77.8)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	97.7 (95.4-100)	91.6 (85.7-98.0)	86.4 (77.8-96.0)	97.6 (95.3-100)	97.6 (95.3-100)
20-44	97.4 (96.7-98.0)	95.3 (94.4-96.3)	83.1 (80.5-85.7)	97.7 (97.1-98.3)	95.4 (94.5-96.4)
45-64	93.6 (93.0-94.1)	86.9 (86.1-87.7)	61.8 (60.4-63.3)	93.8 (93.2-94.3)	87.0 (86.3-87.8)
65-74	89.3 (88.6-90.0)	78.4 (77.5-79.4)	46.0 (44.7-47.4)	88.6 (88.0-89.3)	77.8 (76.8-78.7)
75+	83.3 (82.5-84.1)	68.7 (67.7-69.7)	31.9 (30.9-32.9)	83.9 (83.2-84.7)	69.5 (68.5-70.4)
Male	90.0 (89.6-90.4)	79.8 (79.2-80.4)	48.3 (47.4-49.2)	90.2 (89.8-90.6)	80.1 (79.6-80.7)
Female	91.0 (90.4-91.6)	82.9 (82.1-83.7)	56.6 (55.4-57.8)	91.1 (90.5-91.6)	83.1 (82.3-83.8)
Diabetes	89.2 (88.5-89.9)	78.9 (77.9-79.8)	43.9 (42.5-45.2)	89.8 (89.2-90.5)	79.5 (78.6-80.4)
Hypertension / renal vascular disease	91.6 (90.8-92.4)	83.0 (81.9-84.1)	53.5 (51.9-55.3)	91.5 (90.8-92.3)	82.7 (81.6-83.8)
Glomerulonephritis	93.4 (92.4-94.3)	85.7 (84.4-87.1)	58.9 (56.5-61.3)	93.6 (92.7-94.4)	85.5 (84.2-86.8)
Other causes	89.8 (89.3-90.3)	80.0 (79.3-80.7)	52.6 (51.5-53.6)	89.7 (89.2-90.2)	80.5 (79.8-81.1)
All	90.4 (90.1-90.8)	81.0 (80.5-81.5)	51.4 (50.6-52.1)	90.5 (90.2-90.9)	81.3 (80.8-81.7)

Table B.6.9

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

by age, sex, and primary renal disease

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	99.0 (98.1-99.4)	98.5 (97.6-99.1)	97.4 (96.2-98.2)	98.7 (97.8-99.2)	98.4 (97.5-99.0)
20-44	98.8 (98.6-99.0)	98.2 (97.9-98.5)	95.9 (95.5-96.3)	98.9 (98.7-99.1)	98.2 (97.9-98.4)
45-64	96.9 (96.6-97.1)	95.1 (94.8-95.4)	87.5 (87.1-88.0)	96.9 (96.6-97.1)	94.8 (94.5-95.1)
65+	92.6 (92.1-93.1)	88.0 (87.3-88.6)	69.7 (68.8-70.5)	92.4 (91.9-92.8)	86.6 (85.9-87.2)
Male	96.3 (96.1-96.5)	93.8 (93.5-94.1)	84.2 (83.8-84.7)	96.0 (95.7-96.2)	92.8 (92.5-93.1)
Female	96.2 (95.9-96.5)	94.5 (94.1-94.9)	86.7 (86.1-87.2)	96.2 (95.9-96.5)	94.1 (93.7-94.5)
Diabetes	94.6 (94.0-95.1)	91.2 (90.5-91.8)	77.2 (76.2-78.2)	93.5 (92.9-94.0)	89.1 (88.4-89.8)
Hypertension / renal vascular disease	95.5 (94.9-96.0)	92.0 (91.2-92.7)	80.4 (79.2-81.5)	95.3 (94.7-95.9)	91.3 (90.5-92.1)
Glomerulonephritis	97.5 (97.2-97.8)	96.0 (95.5-96.4)	89.3 (88.6-90.0)	97.4 (97.1-97.7)	95.5 (95.0-95.9)
Other causes	96.6 (96.3-96.8)	94.8 (94.5-95.1)	87.2 (86.7-87.7)	96.7 (96.4-96.9)	94.4 (94.1-94.7)
All	96.3 (96.1-96.5)	94.1 (93.8-94.3)	85.1 (84.7-85.4)	96.1 (95.9-96.3)	93.3 (93.1-93.5)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	100 (100.0-100)	100 (100.0-100)	98.9 (95.6-99.7)	99.6 (97.0-99.9)	99.6 (97.0-99.9)
20-44	98.6 (98.0-99.1)	98.2 (97.5-98.7)	96.3 (95.4-97.1)	98.9 (98.3-99.3)	98.5 (97.8-98.9)
45-64	96.7 (96.1-97.1)	95.2 (94.6-95.7)	87.7 (86.7-88.6)	96.7 (96.2-97.1)	94.9 (94.2-95.4)
65+	91.3 (90.2-92.2)	86.8 (85.6-88.0)	67.7 (66.0-69.3)	91.4 (90.5-92.3)	86.0 (84.9-87.1)
Male	95.6 (95.1-96.1)	93.3 (92.7-93.9)	82.8 (81.9-83.7)	95.3 (94.8-95.7)	92.2 (91.5-92.7)
Female	95.2 (94.5-95.9)	93.5 (92.6-94.2)	84.9 (83.6-86.0)	95.5 (94.8-96.1)	93.4 (92.6-94.2)
Diabetes	93.5 (92.3-94.6)	90.5 (89.0-91.7)	74.8 (72.7-76.8)	92.3 (91.1-93.4)	88.5 (87.0-89.8)
Hypertension / renal vascular disease	95.1 (93.6-96.2)	91.2 (89.4-92.8)	77.7 (75.1-80.1)	95.4 (94.0-96.4)	91.5 (89.8-92.9)
Glomerulonephritis	96.5 (95.6-97.2)	95.3 (94.3-96.1)	88.9 (87.4-90.2)	96.7 (95.8-97.3)	94.7 (93.7-95.5)
Other causes	95.8 (95.3-96.3)	94.0 (93.4-94.6)	85.5 (84.6-86.5)	95.9 (95.4-96.4)	93.5 (92.9-94.1)
All	95.5 (95.1-95.9)	93.3 (92.8-93.8)	83.5 (82.8-84.2)	95.3 (94.9-95.7)	92.6 (92.1-93.1)

Table B.6.10

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

adjusted for age, sex, and primary renal disease

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	98.9 (98.2-99.5)	98.3 (97.5-99.2)	97.1 (96.0-98.2)	98.6 (97.8-99.3)	98.2 (97.4-99.1)
20-44	98.8 (98.6-99.1)	98.3 (98.0-98.5)	96.0 (95.6-96.4)	99.0 (98.7-99.2)	98.2 (98.0-98.5)
45-64	97.1 (96.8-97.3)	95.4 (95.1-95.7)	88.2 (87.8-88.7)	97.1 (96.8-97.3)	95.1 (94.9-95.4)
65+	93.3 (92.8-93.8)	89.0 (88.4-89.6)	71.8 (70.9-72.7)	93.1 (92.6-93.5)	87.8 (87.2-88.4)
Male	98.2 (98.1-98.3)	96.9 (96.8-97.1)	91.6 (91.3-91.9)	98.2 (98.0-98.3)	96.6 (96.5-96.8)
Female	98.0 (97.8-98.1)	97.0 (96.8-97.2)	92.3 (91.9-92.7)	98.1 (97.9-98.2)	96.9 (96.7-97.1)
Diabetes	97.2 (97.0-97.5)	95.5 (95.1-95.8)	87.4 (86.7-88.0)	96.9 (96.7-97.2)	94.8 (94.4-95.2)
Hypertension / renal vascular disease	98.2 (98.0-98.4)	96.7 (96.4-97.1)	91.4 (90.8-92.0)	98.2 (98.0-98.5)	96.6 (96.3-96.9)
Glomerulonephritis	98.5 (98.3-98.7)	97.5 (97.3-97.8)	93.2 (92.7-93.6)	98.5 (98.3-98.7)	97.3 (97.0-97.6)
Other causes	98.0 (97.9-98.2)	97.0 (96.8-97.2)	92.2 (91.9-92.6)	98.2 (98.0-98.3)	96.9 (96.7-97.1)
All	98.1 (98.0-98.2)	97.0 (96.8-97.1)	91.9 (91.6-92.2)	98.1 (98.0-98.3)	96.8 (96.6-96.9)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	100	100	98.8 (97.1-100)	99.5 (98.6-100)	99.5 (98.6-100)
20-44	98.7 (98.2-99.2)	98.3 (97.7-98.8)	96.4 (95.6-97.2)	98.9 (98.4-99.3)	98.5 (97.9-99.0)
45-64	96.8 (96.3-97.3)	95.4 (94.9-96.0)	88.2 (87.3-89.1)	96.8 (96.4-97.3)	95.1 (94.6-95.7)
65+	92.0 (91.1-93.0)	88.0 (86.8-89.1)	69.9 (68.3-71.6)	92.2 (91.3-93.0)	87.2 (86.2-88.3)
Male	98.2 (98.0-98.4)	97.2 (96.9-97.5)	92.3 (91.7-92.9)	98.2 (98.0-98.4)	96.9 (96.6-97.3)
Female	97.9 (97.6-98.3)	97.1 (96.7-97.5)	92.9 (92.2-93.6)	98.1 (97.8-98.4)	97.2 (96.8-97.6)
Diabetes	97.4 (96.9-97.9)	96.1 (95.5-96.8)	88.7 (87.5-89.9)	97.2 (96.7-97.6)	95.7 (95.0-96.3)
Hypertension / renal vascular disease	98.4 (98.0-98.8)	97.1 (96.5-97.7)	91.8 (90.7-93.0)	98.6 (98.2-99.0)	97.3 (96.8-97.9)
Glomerulonephritis	98.1 (97.7-98.6)	97.5 (97.0-98.0)	93.9 (93.0-94.7)	98.4 (98.0-98.7)	97.4 (96.9-97.9)
Other causes	98.1 (97.8-98.3)	97.2 (96.8-97.5)	92.8 (92.2-93.4)	98.2 (98.0-98.5)	97.1 (96.8-97.5)
All	98.1 (97.9-98.3)	97.2 (96.9-97.5)	92.5 (92.0-93.1)	98.2 (98.0-98.4)	97.1 (96.8-97.4)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	99.2 (98.4-99.6)	99.0 (98.1-99.5)	98.2 (97.1-98.9)	99.2 (98.3-99.6)	98.6 (97.6-99.2)
20-44	99.6 (99.3-99.7)	99.3 (99.0-99.5)	98.3 (97.9-98.7)	99.7 (99.5-99.8)	99.3 (99.0-99.6)
45-64	98.7 (98.4-99.0)	97.9 (97.4-98.2)	93.8 (93.2-94.4)	98.6 (98.3-98.9)	97.6 (97.1-98.0)
65+	96.7 (95.7-97.5)	94.1 (92.8-95.2)	81.7 (79.7-83.5)	97.2 (96.3-97.9)	94.9 (93.7-95.9)
Male	98.6 (98.4-98.9)	97.8 (97.5-98.1)	94.0 (93.5-94.5)	98.6 (98.3-98.8)	97.7 (97.3-98.0)
Female	99.1 (98.8-99.4)	98.3 (97.9-98.6)	94.6 (93.9-95.2)	99.3 (99.0-99.5)	98.3 (97.8-98.6)
Diabetes	97.6 (96.4-98.4)	95.8 (94.4-96.9)	85.8 (83.4-87.8)	97.7 (96.4-98.5)	95.1 (93.5-96.3)
Hypertension / renal vascular disease	98.1 (97.0-98.8)	96.1 (94.8-97.2)	89.1 (87.0-90.8)	97.3 (96.0-98.2)	95.7 (94.2-96.8)
Glomerulonephritis	98.8 (98.4-99.2)	98.3 (97.8-98.7)	95.9 (95.2-96.6)	99.1 (98.7-99.4)	98.6 (98.1-99.0)
Other causes	99.1 (98.9-99.3)	98.5 (98.2-98.8)	95.5 (95.0-96.0)	99.1 (98.8-99.3)	98.3 (98.0-98.6)
All	98.8 (98.6-99.0)	98.0 (97.7-98.2)	94.2 (93.8-94.6)	98.8 (98.6-99.0)	97.9 (97.6-98.1)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	100 (100.0-100)	100 (100.0-100)	100 (100.0-100)		
20-44	100 (100.0-100)	100 (100.0-100)	99.5 (98.4-99.8)	99.8 (98.5-100)	99.8 (98.5-100)
45-64	99.3 (98.3-99.7)	98.4 (97.1-99.1)	95.9 (94.1-97.2)	99.5 (98.4-99.8)	98.8 (97.4-99.4)
65+	97.4 (93.1-99.0)	94.7 (89.8-97.3)	88.8 (82.6-92.9)	96.9 (92.8-98.7)	92.6 (87.4-95.8)
Male	99.2 (98.3-99.6)	98.4 (97.4-99.1)	96.2 (94.8-97.3)	99.0 (98.0-99.5)	97.9 (96.6-98.7)
Female	99.8 (98.8-100)	99.3 (98.1-99.7)	97.9 (96.3-98.8)	99.8 (98.5-100)	99.4 (98.0-99.8)
Diabetes	100 (100.0-100)	98.2 (93.1-99.6)	95.6 (89.7-98.1)		
Hypertension / renal vascular disease					
Glomerulonephritis	99.0 (97.3-99.6)	98.7 (97.0-99.5)	98.2 (96.3-99.1)	98.8 (96.7-99.5)	98.5 (96.3-99.4)
Other causes	99.7 (99.0-99.9)	99.3 (98.4-99.6)	96.9 (95.6-97.8)	99.5 (98.7-99.8)	99.0 (98.0-99.5)
All	99.4 (98.9-99.7)	98.8 (98.1-99.2)	96.8 (95.8-97.6)	99.3 (98.7-99.6)	98.4 (97.6-99.0)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	99.2 (98.5-99.8)	98.9 (98.2-99.7)	98.0 (96.9-99.0)	99.2 (98.5-99.8)	98.5 (97.6-99.4)
20-44	99.5 (99.3-99.7)	99.3 (99.0-99.6)	98.2 (97.8-98.6)	99.7 (99.5-99.9)	99.3 (99.0-99.6)
45-64	98.8 (98.5-99.1)	98.0 (97.6-98.4)	94.1 (93.4-94.7)	98.6 (98.3-99.0)	97.7 (97.3-98.1)
65+	97.0 (96.2-97.8)	94.6 (93.6-95.7)	83.2 (81.4-85.1)	97.5 (96.8-98.2)	95.4 (94.5-96.4)
Male	99.0 (98.8-99.2)	98.4 (98.2-98.7)	95.5 (95.0-95.9)	99.0 (98.8-99.2)	98.3 (98.0-98.6)
Female	99.2 (99.0-99.5)	98.5 (98.2-98.8)	95.1 (94.5-95.8)	99.4 (99.2-99.6)	98.6 (98.2-98.9)
Diabetes	98.6 (98.0-99.1)	97.5 (96.7-98.3)	90.9 (89.4-92.5)	98.7 (98.1-99.2)	97.2 (96.3-98.0)
Hypertension / renal vascular disease	99.0 (98.5-99.4)	97.9 (97.2-98.6)	93.8 (92.6-95.0)	98.6 (98.1-99.2)	97.8 (97.1-98.5)
Glomerulonephritis	98.8 (98.5-99.2)	98.3 (97.9-98.8)	95.8 (95.1-96.5)	99.1 (98.8-99.5)	98.6 (98.2-99.1)
Other causes	99.2 (99.1-99.4)	98.7 (98.4-98.9)	96.0 (95.6-96.5)	99.2 (99.0-99.4)	98.5 (98.3-98.8)
All	99.1 (98.9-99.2)	98.4 (98.2-98.7)	95.3 (95.0-95.7)	99.1 (99.0-99.3)	98.4 (98.2-98.6)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
20-44	100	100	99.4 (98.8-100)	99.8 (99.3-100)	99.8 (99.3-100)
45-64	99.2 (98.6-99.9)	98.3 (97.4-99.3)	95.7 (94.2-97.3)	99.5 (98.8-100)	98.7 (97.8-99.7)
65+	97.5 (95.2-100)	95.1 (91.8-98.5)	89.5 (84.8-94.4)	97.1 (94.5-99.7)	92.9 (89.1-97.0)
Male	99.4 (99.0-99.8)	98.9 (98.3-99.5)	97.4 (96.4-98.3)	99.6 (99.3-99.9)	99.2 (98.6-99.7)
Female	99.8 (99.5-100)	99.3 (98.6-100)	97.9 (96.7-99.1)	99.9 (99.6-100)	99.6 (99.1-100)
Diabetes	100	99.1 (97.9-100)	97.8 (95.8-99.8)		
Hypertension / renal vascular disease					
Glomerulonephritis	99.0 (98.1-100)	98.8 (97.8-99.9)	98.3 (97.1-99.6)	99.3 (98.5-100)	99.1 (98.2-99.9)
Other causes	99.7 (99.4-100)	99.4 (98.9-99.8)	97.4 (96.4-98.4)	99.7 (99.4-100)	99.4 (99.0-99.9)
All	99.5 (99.2-99.9)	99.0 (98.6-99.5)	97.5 (96.7-98.3)	99.7 (99.4-99.9)	99.2 (98.8-99.7)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	94.8 (93.3-95.9)	92.5 (90.8-93.9)	85.8 (83.5-87.7)	94.8 (93.3-95.9)	92.5 (90.8-94.0)
20-44	94.3 (93.8-94.8)	92.5 (91.9-93.0)	85.5 (84.7-86.2)	95.1 (94.7-95.6)	93.1 (92.6-93.6)
45-64	92.1 (91.7-92.4)	89.2 (88.8-89.6)	79.1 (78.5-79.7)	92.2 (91.8-92.5)	89.1 (88.7-89.6)
65+	85.8 (85.1-86.5)	80.4 (79.6-81.1)	61.3 (60.4-62.3)	85.8 (85.1-86.4)	79.4 (78.6-80.1)
Male	91.0 (90.7-91.4)	87.5 (87.1-87.9)	75.4 (74.8-75.9)	90.8 (90.5-91.2)	86.8 (86.4-87.2)
Female	91.1 (90.6-91.5)	88.3 (87.7-88.8)	77.6 (76.9-78.3)	91.5 (91.1-92.0)	88.2 (87.7-88.7)
Diabetes	89.3 (88.6-90.1)	85.0 (84.1-85.9)	69.4 (68.3-70.5)	88.4 (87.7-89.1)	83.3 (82.4-84.1)
Hypertension / renal vascular disease	89.1 (88.2-89.9)	84.6 (83.5-85.6)	70.1 (68.7-71.3)	89.7 (88.8-90.5)	84.7 (83.7-85.6)
Glomerulonephritis	92.0 (91.4-92.5)	89.2 (88.5-89.8)	78.9 (78.0-79.8)	92.2 (91.6-92.7)	89.1 (88.4-89.7)
Other causes	91.7 (91.3-92.1)	88.9 (88.5-89.3)	78.8 (78.2-79.3)	91.9 (91.5-92.3)	88.7 (88.3-89.2)
All	91.0 (90.8-91.3)	87.8 (87.4-88.1)	76.2 (75.7-76.6)	91.1 (90.8-91.3)	87.3 (87.0-87.7)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	92.4 (87.5-95.4)	90.2 (84.9-93.7)	81.3 (74.8-86.2)	93.6 (89.7-96.1)	90.6 (86.1-93.7)
20-44	92.6 (91.3-93.6)	90.9 (89.6-92.1)	84.5 (82.8-86.0)	93.8 (92.7-94.8)	92.0 (90.7-93.1)
45-64	90.9 (90.1-91.7)	88.3 (87.4-89.2)	78.1 (76.9-79.2)	90.4 (89.6-91.2)	87.7 (86.8-88.5)
65+	82.8 (81.4-84.1)	77.6 (76.1-79.1)	58.4 (56.7-60.1)	83.2 (82.0-84.4)	77.2 (75.8-78.4)
Male	89.0 (88.3-89.8)	85.5 (84.7-86.4)	72.5 (71.4-73.6)	88.6 (87.9-89.3)	84.6 (83.8-85.4)
Female	88.4 (87.3-89.5)	85.8 (84.6-86.9)	75.2 (73.8-76.6)	88.8 (87.7-89.7)	85.6 (84.5-86.7)
Diabetes	86.7 (85.0-88.2)	83.2 (81.3-84.8)	66.6 (64.4-68.8)	85.7 (84.1-87.1)	81.4 (79.7-83.1)
Hypertension / renal vascular disease	87.0 (84.8-88.8)	81.6 (79.2-83.8)	66.0 (63.1-68.7)	87.3 (85.3-89.1)	82.1 (79.8-84.1)
Glomerulonephritis	89.9 (88.5-91.2)	87.7 (86.2-89.1)	77.5 (75.6-79.2)	89.9 (88.6-91.0)	87.1 (85.6-88.4)
Other causes	89.5 (88.7-90.3)	86.5 (85.6-87.4)	75.7 (74.5-76.8)	89.6 (88.8-90.3)	86.0 (85.1-86.9)
All	88.8 (88.2-89.4)	85.6 (85.0-86.3)	73.5 (72.6-74.3)	88.7 (88.1-89.2)	85.0 (84.3-85.6)

Table B.6.14

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

adjusted for age, sex, and primary renal disease

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	94.3 (92.8-95.7)	91.8 (90.1-93.6)	84.6 (82.4-86.9)	94.3 (92.8-95.7)	91.8 (90.1-93.6)
20-44	94.4 (93.9-94.8)	92.5 (92.0-93.1)	85.6 (84.8-86.3)	95.2 (94.7-95.6)	93.2 (92.6-93.7)
45-64	92.3 (91.9-92.7)	89.6 (89.1-90.0)	79.7 (79.2-80.3)	92.4 (92.1-92.8)	89.5 (89.1-89.9)
65+	86.6 (85.9-87.2)	81.4 (80.6-82.1)	62.9 (62.0-63.9)	86.6 (86.0-87.2)	80.4 (79.7-81.1)
Male	93.2 (93.0-93.5)	90.5 (90.2-90.8)	80.6 (80.1-81.1)	93.4 (93.1-93.7)	90.4 (90.1-90.8)
Female	92.9 (92.5-93.3)	90.5 (90.1-91.0)	81.4 (80.8-82.1)	93.5 (93.1-93.8)	90.8 (90.4-91.3)
Diabetes	91.9 (91.4-92.5)	88.5 (87.9-89.2)	75.7 (74.7-76.6)	91.7 (91.2-92.3)	87.9 (87.2-88.6)
Hypertension / renal vascular disease	92.7 (92.1-93.3)	89.5 (88.8-90.3)	78.7 (77.7-79.8)	93.4 (92.8-93.9)	90.0 (89.3-90.7)
Glomerulonephritis	93.2 (92.7-93.7)	90.8 (90.2-91.4)	81.7 (80.9-82.5)	93.6 (93.1-94.1)	90.9 (90.4-91.5)
Other causes	93.2 (92.8-93.5)	90.8 (90.4-91.2)	82.0 (81.5-82.5)	93.6 (93.3-93.9)	91.0 (90.6-91.4)
All	93.1 (92.9-93.4)	90.5 (90.2-90.8)	80.9 (80.5-81.3)	93.4 (93.2-93.7)	90.6 (90.3-90.9)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	91.9 (87.9-96.1)	89.6 (85.1-94.2)	80.1 (74.3-86.3)	93.3 (90.0-96.6)	90.1 (86.3-94.1)
20-44	92.6 (91.4-93.8)	91.0 (89.7-92.2)	84.5 (82.9-86.1)	93.8 (92.8-94.9)	92.0 (90.8-93.2)
45-64	91.2 (90.4-91.9)	88.6 (87.7-89.5)	78.5 (77.4-79.7)	90.7 (89.9-91.4)	88.0 (87.1-88.8)
65+	83.6 (82.3-84.9)	78.7 (77.2-80.1)	59.9 (58.2-61.7)	84.0 (82.8-85.1)	78.1 (76.8-79.5)
Male	92.3 (91.7-92.9)	89.7 (89.0-90.4)	79.5 (78.5-80.5)	92.4 (91.9-93.0)	89.6 (88.9-90.3)
Female	91.5 (90.7-92.3)	89.5 (88.6-90.4)	81.0 (79.8-82.3)	92.0 (91.3-92.8)	89.7 (88.9-90.6)
Diabetes	90.8 (89.7-92.0)	88.3 (87.0-89.6)	75.5 (73.7-77.4)	90.8 (89.7-91.9)	87.9 (86.7-89.1)
Hypertension / renal vascular disease	91.9 (90.6-93.2)	88.4 (86.9-90.0)	77.3 (75.1-79.5)	92.6 (91.4-93.8)	89.3 (87.9-90.8)
Glomerulonephritis	92.0 (90.9-93.0)	90.1 (89.0-91.3)	81.5 (80.0-83.1)	92.3 (91.3-93.3)	90.1 (89.0-91.2)
Other causes	92.1 (91.4-92.7)	89.7 (89.0-90.5)	80.9 (79.8-81.9)	92.5 (91.9-93.1)	89.8 (89.1-90.6)
All	92.0 (91.5-92.5)	89.6 (89.1-90.2)	80.1 (79.2-80.9)	92.3 (91.8-92.8)	89.7 (89.1-90.3)

Table B.6.15

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

by age, sex, and primary renal disease

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	96.4 (95.0-97.4)	94.6 (92.9-95.9)	88.7 (86.5-90.6)	96.6 (95.1-97.6)	94.7 (93.0-96.0)
20-44	96.8 (96.2-97.3)	95.7 (95.1-96.2)	89.8 (88.9-90.7)	97.3 (96.8-97.8)	96.2 (95.6-96.8)
45-64	96.8 (96.3-97.2)	95.2 (94.7-95.8)	89.4 (88.6-90.2)	96.6 (96.0-97.0)	95.0 (94.4-95.6)
65+	95.1 (93.9-96.0)	92.1 (90.6-93.3)	78.4 (76.3-80.4)	95.7 (94.6-96.6)	92.7 (91.3-93.8)
Male	96.4 (95.9-96.8)	95.0 (94.5-95.5)	88.5 (87.8-89.2)	96.6 (96.1-96.9)	95.1 (94.6-95.5)
Female	96.8 (96.3-97.3)	94.9 (94.2-95.5)	87.5 (86.5-88.4)	97.0 (96.4-97.4)	95.0 (94.3-95.7)
Diabetes	95.4 (93.9-96.6)	92.5 (90.7-94.0)	81.1 (78.4-83.4)	95.8 (94.2-96.9)	92.5 (90.6-94.1)
Hypertension / renal vascular disease	96.3 (94.9-97.2)	93.2 (91.5-94.5)	82.7 (80.2-84.9)	95.7 (94.2-96.8)	92.9 (91.0-94.4)
Glomerulonephritis	96.4 (95.7-97.0)	95.3 (94.5-95.9)	88.7 (87.5-89.7)	96.7 (96.0-97.3)	95.5 (94.7-96.2)
Other causes	96.8 (96.4-97.2)	95.5 (95.0-96.0)	89.8 (89.0-90.5)	96.9 (96.5-97.3)	95.5 (95.0-96.0)
All	96.5 (96.2-96.8)	95.0 (94.6-95.3)	88.1 (87.6-88.7)	96.7 (96.4-97.0)	95.1 (94.7-95.4)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	97.1 (91.2-99.0)	94.1 (87.4-97.3)	88.2 (80.1-93.1)		
20-44	95.3 (93.2-96.7)	94.9 (92.8-96.4)	90.6 (87.9-92.7)	96.4 (94.2-97.7)	95.5 (93.2-97.1)
45-64	96.5 (94.8-97.6)	95.2 (93.3-96.6)	91.5 (89.2-93.4)	94.9 (92.7-96.4)	93.6 (91.3-95.4)
65+	94.1 (88.9-96.9)	90.8 (84.9-94.4)	86.2 (79.6-90.7)	93.3 (88.2-96.2)	88.4 (82.4-92.4)
Male	94.9 (93.3-96.1)	93.5 (91.8-94.9)	89.4 (87.2-91.2)	95.1 (93.3-96.4)	93.3 (91.4-94.9)
Female	97.4 (95.7-98.4)	96.3 (94.4-97.6)	92.2 (89.7-94.1)	95.7 (93.5-97.2)	94.3 (91.7-96.0)
Diabetes	94.7 (88.6-97.6)	91.2 (84.2-95.1)	89.4 (82.0-93.8)		
Hypertension / renal vascular disease					
Glomerulonephritis	95.9 (93.4-97.5)	95.7 (93.1-97.3)	91.3 (88.1-93.7)	95.7 (92.8-97.4)	95.0 (92.0-96.9)
Other causes	95.9 (94.4-97.0)	94.7 (93.1-96.0)	90.3 (88.3-92.1)	94.8 (93.0-96.2)	93.3 (91.3-94.8)
All	95.8 (94.7-96.7)	94.6 (93.3-95.6)	90.4 (88.8-91.8)	95.3 (94.0-96.3)	93.7 (92.2-94.9)

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

All Countries *	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	95.9 (94.5-97.3)	93.8 (92.1-95.5)	87.1 (84.7-89.5)	96.1 (94.7-97.5)	94.1 (92.4-95.8)
20-44	96.7 (96.2-97.2)	95.6 (95.0-96.2)	89.4 (88.5-90.4)	97.1 (96.6-97.7)	96.0 (95.3-96.6)
45-64	96.8 (96.3-97.2)	95.3 (94.8-95.9)	89.5 (88.7-90.3)	96.5 (96.0-97.0)	95.0 (94.4-95.6)
65+	95.4 (94.3-96.4)	92.4 (91.2-93.8)	79.3 (77.3-81.4)	95.9 (95.0-96.9)	93.0 (91.8-94.2)
Male	96.3 (95.9-96.8)	95.0 (94.5-95.5)	88.3 (87.6-89.1)	96.5 (96.1-96.9)	95.0 (94.5-95.5)
Female	96.6 (96.0-97.1)	94.5 (93.8-95.2)	86.5 (85.5-87.5)	96.7 (96.2-97.3)	94.8 (94.0-95.5)
Diabetes	95.8 (94.5-97.0)	93.0 (91.5-94.6)	82.2 (79.9-84.6)	96.2 (95.0-97.4)	93.2 (91.6-94.8)
Hypertension / renal vascular disease	96.5 (95.5-97.6)	93.7 (92.3-95.1)	83.8 (81.7-86.1)	96.2 (95.0-97.3)	93.6 (92.2-95.2)
Glomerulonephritis	96.1 (95.4-96.8)	94.9 (94.1-95.7)	87.8 (86.6-89.0)	96.4 (95.7-97.1)	95.2 (94.4-96.0)
Other causes	96.7 (96.3-97.1)	95.4 (94.9-95.9)	89.4 (88.7-90.1)	96.8 (96.4-97.2)	95.3 (94.8-95.9)
All	96.4 (96.1-96.8)	94.8 (94.4-95.2)	87.7 (87.1-88.3)	96.6 (96.2-96.9)	94.9 (94.5-95.3)

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

Spain	Survival probabilities as % (95% CI)				
	cohort 2013 - 2017			cohort 2016 - 2020	
	1 year	2 year	5 year	1 year	2 year
0-19	96.7 (93.2-100)	93.5 (88.6-98.7)	87.0 (80.3-94.2)		
20-44	95.2 (93.5-97.0)	94.9 (93.0-96.7)	90.4 (87.9-92.9)	96.4 (94.7-98.1)	95.6 (93.7-97.5)
45-64	96.4 (95.0-97.8)	95.1 (93.4-96.7)	91.3 (89.2-93.5)	94.9 (93.1-96.7)	93.7 (91.7-95.7)
65+	94.3 (90.7-98.0)	91.1 (86.7-95.7)	86.6 (81.4-92.1)	93.3 (89.5-97.2)	88.4 (83.6-93.5)
Male	94.8 (93.4-96.2)	93.4 (91.8-95.0)	89.0 (87.0-91.1)	95.3 (93.8-96.7)	93.6 (91.9-95.3)
Female	97.1 (95.6-98.5)	95.9 (94.1-97.6)	91.3 (88.9-93.8)	95.5 (93.6-97.5)	94.0 (91.8-96.3)
Diabetes	95.1 (91.3-99.0)	91.8 (87.0-96.8)	90.1 (84.9-95.6)		
Hypertension / renal vascular disease					
Glomerulonephritis	95.7 (93.7-97.8)	95.4 (93.4-97.6)	90.9 (88.0-93.9)	95.5 (93.2-97.8)	94.8 (92.4-97.3)
Other causes	95.7 (94.4-97.0)	94.4 (93.0-96.0)	89.9 (87.9-91.9)	94.5 (92.9-96.2)	92.9 (91.1-94.8)
All	95.6 (94.5-96.7)	94.3 (93.1-95.5)	89.8 (88.3-91.4)	95.4 (94.2-96.5)	93.7 (92.3-95.1)