

Table 1. Variable values for each country and their ranking positions, ranked by a country's two-year mortality on dialysis.

	Median (interquartile range) or %	Romania	Japan	Slovenia	New Zealand	Australia	Spain	Finland	Taiwan	Canada	France	Argentina (48)	Uruguay	United Kingdom	Netherlands	Belgium	Denmark	Greece	Austria	Sweden	United States	Norway	Iceland
Outcome measure																							
Two-year mortality of a country's dialysis population	28.1 (25.2-33.6)	10.2 (1)	16.2 (2)	23.5 (3)	24.5 (4)	24.6 (5)	24.7 (6)	26.7 (7)	27.0 (8)	27.4 (9)	27.5 (10)	27.7 (11)	28.4 (12)	28.5 (13)	28.8 (14)	31.5 (15)	33.5 (16)	33.6 (17)	34.6 (18)	34.9 (19)	36.0 (20)	36.6 (21)	37.7 (22)
Primary determinants																							
<i>Macroeconomic</i>																							
GDP per capita ppp (USD)	29700 (23776 - 32579)	8593 (2)	28747 (8)	21667 (4)	23268 (5)	31520 (15)	26081 (7)	29072 (9)	29229 (10)	33424 (20)	29305 (11)	9812 (3)	8335 (1)	30094 (12)	33188 (19)	30527 (13)	31887 (16)	23945 (6)	32737 (18)	30966 (14)	39822 (21)	45234 (22)	32526 (17)
Health expenditure as percentage of GDP (%)	9.2 (8.3 - 9.7)	4.1 (1)	8.1 (4)	8.6 (7)	8.5 (6)	9.2 (11)	8.1 (3)	7.5 (2)	NA	9.8 (16)	10.7 (20)	9.4 (13)	8.7 (8)	8.1 (5)	9.0 (9)	9.7 (14)	9.1 (10)	10.0 (18)	9.7 (15)	9.2 (12)	15.5 (21)	9.7 (16)	10.0 (18)
Secondary determinants																							
<i>Renal service organization</i>																							
The private for-profit share of HD facilities (%)	22 (0 - 39)	20 (11)	77 (20)	23 (12)	0 (1)	15 (10)	60 (19)	0 (1)	36 (17)	2 (8)	24 (15)	85 (22)	48 (18)	23 (12)	0 (1)	0 (1)	0 (1)	31 (16)	23 (12)	2 (8)	77 (20)	0 (1)	0 (1)
HD facility reimbursement rate (per year as proportion of GDP per capita)	1.4 (0.9 - 1.9)	1.7 (14)	1.5 (13)	1.9 (17)	NA	0.6 (3)	1.1 (8)	1.8 (15)	0.8 (4)	0.4 (1)	2.0 (19)	0.9 (5)	1.1 (10)	1.4 (11)	1.9 (16)	2.4 (20)	1.5 (12)	1.0 (6)	1.0 (7)	2.7 (21)	0.6 (2)	1.9 (18)	1.1 (8)
Prevalent dialysis patients per nephrologist (N)	62.1 (40.6 - 89.9)	24.1 (4)	57.9 (12)	26.7 (5)	96.1 (17)	102.1 (18)	22.6 (3)	60.0 (13)	71.5 (16)	112.8 (20)	21.6 (2)	54.0 (11)	21.4 (1)	172.2 (22)	63.6 (15)	46.9 (9)	53.3 (10)	30.0 (7)	107.9 (19)	38.0 (8)	168.0 (21)	61.4 (14)	28.0 (6)
<i>Incidence of dialysis</i>																							
Incidence of dialysis (pmp)	117 (85 - 153)	50 (1)	232 (20)	119 (13)	108 (10)	98 (8)	65 (4)	92 (7)	349 (22)	146 (17)	117* (11)	134 [†] (15)	134 (16)	65 (3)	90 (6)	160 (18)	117 (12)	171 (19)	129.3 (14)	103.3 (9)	295.4 (21)	80.4 (5)	60.3 (2)
<i>Incident dialysis population characteristics</i>																							
Percentage diabetes as primary renal disease (%)	24.3 (20.8 - 34.3)	10.0 (1)	41.3 (20)	21.7 (7)	41.3 (20)	29.4 (14)	23.2 (10)	34.2 (17)	39.0 (19)	34.6 (18)	21.3 (6)	30.4 (15)	22.9 (9)	19.0 (5)	16.5 (4)	23.8 (11)	22.8 (8)	28.6 (13)	33.2 (16)	24.9 (12)	44.1 (22)	15.3 (3)	12.0 (2)
Intrinsic age- and sex-related mortality risk of incident dialysis population (per 10000 person years)	27.2 (25.2 - 30.1)	21.0 (3)	25.9 (7)	29.2 (12)	15.3 (1)	21.0 (2)	24.6 (5)	21.7 (4)	NA	26.3 (8)	30.3 (17)	31.7 (19)	29.9 (16)	26.8 (10)	26.4 (9)	34.9 (21)	29.7 (13)	32.5 (20)	25.9 (6)	29.8 (15)	27.2 (11)	30.5 (18)	29.8 (14)

Ranking position 1 corresponds with the lowest value for each of the variables

NA: not applicable as there was no value available; [†] Incidence of RRT; * Incidence based on data from 7 regions

Table 1. Continued.

	Median (interquartile range) or %	Romania	Japan	Slovenia	New Zealand	Australia	Spain	Finland	Taiwan	Canada	France	Argentina (48)	Uruguay	United Kingdom	Netherlands	Belgium	Denmark	Greece	Austria	Sweden	United States	Norway	Iceland
Additional possible confounders																							
<i>Macroeconomic</i>																							
Human development index (scale 0 - 1)	0.949 (0.924 - 0.954)	0.813 (1)	0.953 (16)	0.917 (5)	0.943 (7)	0.962 (20)	0.949 (11)	0.952 (14)	0.895 (4)	0.961 (19)	0.952 (14)	0.869 (3)	0.852 (2)	0.946 (8)	0.953 (16)	0.946 (8)	0.949 (11)	0.926 (6)	0.948 (10)	0.956 (18)	0.951 (13)	0.968 (22)	0.968 (21)
Responsiveness index (scale 0 - 10)	6.8 (6.1 - 7.0)	5.4 (1)	7.0 (19)	6.0 (4)	6.7 (8)	6.9 (13)	6.2 (6)	6.8 (9)	NA	7.0 (17)	6.8 (10)	5.9 (3)	5.9 (2)	6.5 (7)	6.9 (16)	6.8 (10)	7.1 (20)	6.1 (5)	6.9 (13)	6.9 (15)	8.1 (21)	7.0 (17)	6.8 (12)
Public share of health care expenditure (%)	76.6 (65.8 - 83.1)	100 (21)	81.8 (15)	76.6 (11)	78.0 (13)	66.8 (6)	70.9 (8)	77.1 (12)	NA	70.2 (7)	79.5 (14)	47.1 (4)	37.7 (1)	86.3 (20)	64.8 (5)	72.3 (9)	84.2 (18)	44.6 (2)	75.5 (10)	84.9 (19)	45.8 (3)	83.6 (17)	82.5 (16)
<i>General population health status indicators</i>																							
Cardiovascular mortality (per 10000 person years)	30.4 (24.6 - 38.5)	75.0 (19)	24.9 (5)	36.8 (13)	27.4 (7)	24.1 (3)	28.8 (9)	38.4 (15)	NA	23.0 (1)	25.5 (6)	24.0 (2)	32.1 (11)	37.4 (14)	27.6 (8)	NA	NA	46.3 (18)	41.1 (16)	44.1 (17)	29.9 (10)	34.1 (12)	24.1 (3)
Life expectancy at age 60 (years)	22.6 (21.7 - 23.4)	18.2 (1)	24.9 (21)	21.0 (4)	23.1 (14)	23.7 (19)	23.4 (17)	22.6 (12)	NA	23.3 (16)	23.7 (19)	20.4 (2)	20.8 (3)	22.1 (6)	22.1 (6)	22.2 (8)	21.3 (5)	22.2 (8)	22.5 (11)	23.2 (15)	22.3 (10)	23.0 (13)	23.6 (18)
<i>Renal service organization indicators</i>																							
HD facility reimbursement method - Activity based (A) - Global budget only (G)	68.2 % 31.8 %	A	G	A	G	A	A	A	G	A	A	A	A	A	A	A	G	A	G	G	A	A	G
Prevalent dialysis patients per dialysis centre (N)	286 (177 - 572)	212 (8)	560 (16)	203 (7)	574 (18)	572 (17)	121 (2)	244 (10)	682 (19)	686 (20)	115 (1)	451 (14)	174 (5)	1015 (21)	296 (12)	276 (11)	323 (13)	213 (9)	527 (15)	179 (6)	1190 (22)	169 (4)	134 (3)
<i>Incident dialysis population characteristics</i>																							
Mean age (years)	62.6 (61.1 - 63.8)	55.2 (1)	66.4 (21)	61.2 (6)	58.0 (2)	60.8 (5)	62.7 (12)	59.7 (3)	62.3 (10)	63.5 (15)	65.6 (20)	62.6 (11)	60.6 (4)	61.7 (7)	61.8 (8)	66.6 (22)	62.1 (9)	65.5 (19)	63.1 (14)	64.3 (18)	62.7 (12)	63.5 (15)	63.7 (17)
Percentage males (%)	60.4 (55.9 - 62.6)	55.6 (5)	63.5 (19)	55.4 (4)	60.0 (11)	59.4 (8)	62.3 (17)	64.3 (20)	49.8 (2)	59.7 (10)	61.2 (14)	55.9 (6)	47.4 (1)	61.4 (15)	61.7 (16)	59.3 (7)	63.4 (18)	60.8 (13)	60.7 (12)	65.1 (21)	54.9 (3)	67.8 (22)	59.4 (8)

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