

Table 51. End-stage renal disease patients, by selected characteristics: United States, selected years 1980-2010

(Data are based on the Centers for Medicare & Medicaid Services' Renal Beneficiary and Utilization System)

Characteristic	Incidence					Prevalence				
	1980	1990	2000	2009	2010	1980	1990	2000	2009	2010
	Number of new patients					Number of patients alive on December 31				
Total.....	17,338	49,766	92,069	114,168	114,281	58,330	182,804	384,246	559,448	580,741
Age										
Under 20 years.....	737	1,054	1,173	1,304	1,308	2,374	4,494	6,288	7,331	7,388
20-44 years.....	4,702	10,351	12,810	13,940	13,434	20,266	57,214	87,916	97,261	98,277
45-64 years.....	6,950	17,154	32,129	43,769	43,788	23,695	67,162	156,840	251,282	261,940
65-74 years.....	3,644	13,338	23,345	26,519	27,084	9,205	35,616	76,326	114,341	119,875
75 years and over.....	1,305	7,869	22,612	28,636	28,667	2,790	18,318	56,876	89,233	93,261
Sex										
Male.....	9,662	26,676	49,161	64,694	65,038	32,211	98,542	209,727	316,015	329,098
Female.....	7,676	23,090	42,908	49,474	49,243	26,119	84,262	174,519	243,433	251,643
Race¹										
White.....	12,293	33,143	61,059	74,944	75,690	41,111	118,694	237,414	342,160	354,460
Black or African American.....	4,816	14,827	26,660	32,431	31,739	16,442	57,395	126,180	180,330	186,785
American Indian or Alaska Native.....	124	600	1,202	1,411	1,390	375	2,176	5,402	7,613	7,968
Asian or Pacific Islander.....	105	1,196	3,148	5,382	5,462	402	4,539	15,250	29,345	31,528
Hispanic origin^{1,2}										
Hispanic.....	---	---	10,731	14,822	15,284	---	---	42,443	79,934	85,202
Not Hispanic ³	---	---	81,338	99,346	98,997	---	---	341,803	479,514	495,539
Primary diagnosis										
Diabetes.....	2,592	17,712	41,118	49,987	50,356	5,586	46,982	136,097	211,003	219,794
Hypertension.....	3,096	15,196	24,708	32,545	32,537	9,443	47,316	94,929	139,053	145,182
Glomerulonephritis.....	2,721	6,915	8,445	7,536	7,312	13,371	39,726	67,728	83,047	84,521
Cystic kidney.....	756	1,551	2,141	2,641	2,605	3,628	9,979	17,879	26,906	27,960
Other urologic.....	461	1,259	2,664	1,556	1,544	1,587	6,101	11,655	12,845	12,919
Other cause.....	1,793	4,812	8,920	14,666	14,796	6,624	21,525	39,670	61,733	64,469
Unknown cause.....	1,508	1,848	3,639	4,231	3,924	5,849	8,182	13,665	20,834	21,361
Missing disease.....	4,411	473	434	1,006	1,207	12,242	2,993	2,623	4,027	4,535
New patients per million population										
Total.....	76.3	199.4	326.3	372.2	369.4	255.3	727.4	1,355.1	1,816.0	1,869.5
Age										
Under 20 years.....	10.2	14.7	14.6	15.7	15.7	32.8	62.2	77.9	88.1	88.8
20-44 years.....	55.6	103.4	123.1	134.6	129.3	237.2	566.7	843.8	937.5	944.5
45-64 years.....	156.2	370.4	514.7	545.3	535.4	531.1	1,441.6	2,471.5	3,101.2	3,173.8
65-74 years.....	232.8	736.7	1,269.9	1,248.9	1,240.0	583.3	1,957.0	4,151.7	5,309.0	5,413.1
75 years and over.....	129.8	598.7	1,355.2	1,557.1	1,541.6	273.4	1,374.1	3,386.3	4,825.2	4,987.4
Sex										
Male.....	87.5	219.2	355.1	429.0	427.6	290.1	804.0	1,507.0	2,086.5	2,154.4
Female.....	65.7	180.5	298.6	317.2	313.2	222.5	654.5	1,208.6	1,554.5	1,593.9
Race¹										
White.....	63.0	158.3	264.8	306.7	307.9	209.8	563.9	1,026.1	1,396.0	1,437.9
Black or African American.....	179.8	483.8	725.8	778.8	752.3	609.3	1,853.3	3,410.9	4,302.2	4,399.0
American Indian or Alaska Native.....	86.7	291.4	402.9	341.8	325.2	256.4	1,039.7	1,779.5	1,811.8	1,832.6
Asian or Pacific Islander.....	27.4	158.4	264.7	324.0	319.7	100.1	585.4	1,254.0	1,741.8	1,820.5
Hispanic origin^{1,2}										
Hispanic.....	---	---	300.9	300.5	300.8	---	---	1,165.9	1,596.5	1,652.8
Not Hispanic ³	---	---	330.0	385.9	382.9	---	---	1,382.9	1,858.6	1,912.6
Primary diagnosis										
Diabetes.....	11.4	71.0	145.7	162.9	162.8	24.5	187.0	479.9	684.9	707.6
Hypertension.....	13.6	60.9	87.6	106.1	105.2	41.3	188.3	334.8	451.4	467.4
Glomerulonephritis.....	12.0	27.7	29.9	24.6	23.6	58.5	158.1	238.8	269.6	272.1
Cystic kidney.....	3.3	6.2	7.6	8.6	8.4	15.9	39.7	63.1	87.3	90.0
Other urologic.....	2.0	5.0	9.4	5.1	5.0	6.9	24.3	41.1	41.7	41.6
Other cause.....	7.9	19.3	31.6	47.8	47.8	29.0	85.7	139.9	200.4	207.5
Unknown cause.....	6.6	7.4	12.9	13.8	12.7	25.6	32.6	48.2	67.6	68.8
Missing disease.....	19.4	1.9	1.5	3.3	3.9	53.6	11.9	9.3	13.1	14.6

---Data not available.

¹The race groups, white, black or African American, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. See Appendix II, Hispanic origin: Race.

²Centers for Medicare & Medicaid Services began collecting Hispanic ethnicity data in April 1995.

³Not Hispanic includes unknown ethnicity.

NOTES: Persons with unknown age, gender, or race are excluded.

For incidence estimates, age is determined as of the date of end-stage renal disease initiation.

For prevalence estimates, age is calculated as of December 31 of each year.

Prevalence estimates are for patients alive on end-stage renal disease therapy and not lost to followup at any time during each year. Prevalence estimates include patients with a functioning transplant.

See Appendix I, United States Renal Data System (USRDS).

See Appendix II, End-stage renal disease (ESRD): Incidence; Prevalence.

Data have been revised and differ from previous editions of *Health, United States*.

SOURCE: United States Renal Data System, USRDS 2012 Annual data report: Atlas of chronic kidney disease and end-stage renal disease in the United States, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2012. Available from: <http://www.usrds.org/reference.htm>. See Appendix I, United States Renal Data System (USRDS).