

Table 5.3
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1998 to 2007
Kidney Waiting List

Age This Year	Year									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total										
Patients	53,315	57,055	60,537	64,161	68,173	71,798	76,820	82,369	88,753	94,741
Deaths	2,528	3,318	3,128	3,370	3,730	3,855	4,038	4,141	4,452	4,452
Rate	69.1	84.0	73.7	73.6	76.7	74.9	73.4	70.5	70.3	64.8
<1 Year										
Patients	3	3	2	-	-	4	6	3	4	5
Deaths	-	-	-	-	-	-	1	-	-	1
Rate	*	*	*	-	-	*	*	*	*	*
1-5 Years										
Patients	126	124	127	149	150	164	181	200	223	242
Deaths	7	4	5	3	4	4	3	5	7	6
Rate	111.6	66.9	85.9	45.1	64.2	56.2	35.9	54.9	73.9	54.5
6-11 Years										
Patients	251	233	234	284	280	278	289	311	302	315
Deaths	2	6	8	1	3	4	7	6	-	3
Rate	14.8	50.7	66.0	7.0	20.4	27.5	47.9	39.2	-	17.5
12-17 Years										
Patients	607	628	595	654	738	786	860	882	880	816
Deaths	5	12	5	5	17	11	6	13	8	5
Rate	13.9	35.3	14.9	14.1	42.1	26.1	12.7	26.8	18.1	12.3
18-34 Years										
Patients	9,085	9,263	9,100	9,147	9,325	9,515	9,863	9,986	10,254	10,283
Deaths	226	258	225	214	242	230	209	219	206	178
Rate	36.2	40.3	34.9	33.1	36.4	33.8	29.9	30.9	28.4	24.2
35-49 Years										
Patients	19,230	19,677	20,242	20,676	21,233	21,899	22,760	23,933	25,235	26,575
Deaths	774	967	831	817	827	849	853	818	895	871
Rate	57.6	69.8	57.7	54.5	53.6	53.0	51.2	47.0	48.6	44.2
50-64 Years										
Patients	18,958	21,172	23,262	25,248	27,384	29,047	31,442	34,135	37,178	39,951
Deaths	1,131	1,464	1,458	1,646	1,815	1,837	1,920	2,048	2,148	2,143
Rate	87.2	99.7	89.4	90.9	92.9	87.9	84.8	83.7	80.6	73.7
65+ Years										
Patients	5,055	5,955	6,975	8,003	9,063	10,105	11,419	12,919	14,677	16,554
Deaths	383	607	596	684	822	920	1,039	1,032	1,188	1,245
Rate	112.9	150.9	124.9	120.4	128.8	129.4	129.0	113.8	115.0	104.8

Source: OPTN/SRTR Data as of May 1, 2008

Notes:

Patients alive on the waiting list at any time during the year are counted. Period at risk begins the later of January 1 or waiting list registration and ends on the earlier of December 31, date of death, or date of removal for other reasons. Please see Technical Notes for further details about death rate computation.

(-) = None in category

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported

Table 5.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1998 to 2007
Kidney Waiting List

Ethnicity/Race	Year									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total										
Patients	53,315	57,055	60,537	64,161	68,173	71,798	76,820	82,369	88,753	94,741
Deaths	2,528	3,318	3,128	3,370	3,730	3,855	4,038	4,141	4,452	4,452
Rate	69.1	84.0	73.7	73.6	76.7	74.9	73.4	70.5	70.3	64.8
White										
Patients	25,421	26,671	27,505	28,439	29,622	30,431	32,081	34,376	36,920	38,969
Deaths	1,323	1,700	1,562	1,635	1,740	1,789	1,818	1,833	2,038	2,027
Rate	81.4	98.7	86.7	85.8	88.0	88.0	85.1	80.5	83.0	76.5
African American										
Patients	17,888	19,299	20,734	22,112	23,433	24,601	26,129	27,723	29,677	31,716
Deaths	786	1,049	1,064	1,132	1,275	1,284	1,400	1,408	1,467	1,454
Rate	59.4	72.8	68.3	67.4	71.4	68.1	70.1	67.1	65.5	60.2
Other/Multi-race										
Patients	672	712	754	821	930	988	1,143	1,216	1,294	1,331
Deaths	36	38	34	50	47	58	51	56	59	63
Rate	75.5	75.0	62.4	84.2	70.2	80.1	63.4	62.6	63.7	64.3
Asian										
Patients	2,979	3,277	3,639	3,984	4,368	4,800	5,280	5,752	6,121	6,641
Deaths	106	149	130	158	178	201	198	220	244	257
Rate	49.0	62.4	48.9	52.9	54.2	55.2	50.0	50.9	53.1	51.1
Hispanic/Latino										
Patients	6,355	7,096	7,905	8,805	9,819	10,978	12,187	13,302	14,741	16,084
Deaths	277	382	338	395	490	523	571	624	644	651
Rate	62.0	76.9	60.0	61.9	69.6	66.0	63.9	63.7	59.4	53.9
Unknown										
Patients	-	-	-	-	1	-	-	-	-	-
Deaths	-	-	-	-	-	-	-	-	-	-
Rate	-	-	-	-	*	-	-	-	-	-

Source: OPTN/SRTR Data as of May 1, 2008

Notes:

Patients alive on the waiting list at any time during the year are counted. Period at risk begins the later of January 1 or waiting list registration and ends on the earlier of December 31, date of death, or date of removal for other reasons. Please see Technical Notes for further details about death rate computation.

(-) = None in category

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Table 5.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1998 to 2007
Kidney Waiting List

Gender		Year									
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	Patients	53,315	57,055	60,537	64,161	68,173	71,798	76,820	82,369	88,753	94,741
	Deaths	2,528	3,318	3,128	3,370	3,730	3,855	4,038	4,141	4,452	4,452
	Rate	69.1	84.0	73.7	73.6	76.7	74.9	73.4	70.5	70.3	64.8
Female	Patients	22,497	23,954	25,450	26,986	28,653	30,100	32,082	34,121	36,530	39,099
	Deaths	1,105	1,415	1,365	1,427	1,606	1,572	1,726	1,702	1,844	1,790
	Rate	70.5	84.1	76.0	73.3	78.0	71.9	73.9	68.9	69.8	62.1
Male	Patients	30,818	33,101	35,087	37,175	39,520	41,698	44,738	48,248	52,223	55,642
	Deaths	1,423	1,903	1,763	1,943	2,124	2,283	2,312	2,439	2,608	2,662
	Rate	68.0	83.9	72.0	73.8	75.8	77.1	73.0	71.6	70.7	66.7

Source: OPTN/SRTR Data as of May 1, 2008

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Table 5.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1998 to 2007
Kidney Waiting List

Blood Type		Year									
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	Patients	53,315	57,055	60,537	64,161	68,173	71,798	76,820	82,369	88,753	94,741
	Deaths	2,528	3,318	3,128	3,370	3,730	3,855	4,038	4,141	4,452	4,452
	Rate	69.1	84.0	73.7	73.6	76.7	74.9	73.4	70.5	70.3	64.8
A	Patients	15,989	17,197	18,107	19,142	20,201	21,164	22,694	24,429	26,451	28,227
	Deaths	693	951	929	977	1,049	1,164	1,145	1,133	1,349	1,322
	Rate	67.5	85.3	77.9	76.1	77.2	81.8	74.7	69.2	75.6	67.6
AB	Patients	1,595	1,755	1,813	1,962	2,109	2,204	2,358	2,599	2,859	3,042
	Deaths	67	110	75	85	101	114	138	106	146	109
	Rate	71.9	107.1	69.1	69.4	76.7	80.8	92.0	64.6	82.8	54.8
B	Patients	8,619	9,159	9,709	10,322	10,963	11,598	12,372	13,185	14,032	14,927
	Deaths	414	569	488	574	612	630	658	708	702	743
	Rate	66.1	85.4	68.0	74.1	74.9	72.3	71.1	71.9	67.4	66.3
O	Patients	27,112	28,944	30,908	32,735	34,900	36,832	39,396	42,156	45,411	48,545
	Deaths	1,354	1,688	1,636	1,734	1,968	1,947	2,097	2,194	2,255	2,278
	Rate	70.8	81.7	73.5	72.2	77.0	71.8	72.5	71.0	67.7	63.3

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Notes:

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Table 5.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1998 to 2007
Kidney Waiting List

Primary Diagnosis (Collected for listings after 1994)	Year									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total										
Patients	53,315	57,055	60,537	64,161	68,173	71,798	76,820	82,369	88,753	94,741
Deaths	2,528	3,318	3,128	3,370	3,730	3,855	4,038	4,141	4,452	4,452
Rate	69.1	84.0	73.7	73.6	76.7	74.9	73.4	70.5	70.3	64.8
Other										
Patients	6,001	6,604	7,311	7,764	8,073	8,616	9,503	10,406	11,421	12,330
Deaths	243	349	341	367	411	460	464	461	541	466
Rate	59.0	77.1	68.2	67.5	71.8	76.7	70.5	63.8	68.7	53.5
Glomerular Diseases										
Patients	12,379	13,297	13,915	14,423	15,226	15,739	16,538	17,316	18,364	19,011
Deaths	403	483	449	520	543	582	573	559	581	611
Rate	46.5	51.6	45.3	49.8	49.8	51.0	48.1	44.9	44.1	43.8
Tubular and Interstitial Diseases										
Patients	2,657	2,744	2,843	2,924	3,041	3,102	3,187	3,317	3,393	3,542
Deaths	106	145	129	146	146	123	159	176	144	157
Rate	58.6	76.2	65.9	71.2	68.7	55.9	70.7	76.4	59.8	61.3
Polycystic Kidneys										
Patients	3,512	3,829	4,119	4,268	4,507	4,768	4,963	5,441	5,849	6,299
Deaths	76	112	123	114	144	147	151	147	182	148
Rate	33.2	43.4	43.5	38.3	46.1	44.9	43.8	39.9	45.4	33.5
Congenital, Rare Familial, & Metabolic Disorders										
Patients	963	1,026	1,038	1,141	1,250	1,340	1,342	1,413	1,454	1,475
Deaths	18	28	23	22	32	37	36	39	39	31
Rate	27.6	41.6	32.7	28.3	37.7	41.0	38.0	40.1	39.5	30.3
Diabetes										
Patients	13,080	13,763	14,353	15,614	17,039	18,377	20,161	22,115	24,508	26,952
Deaths	1,017	1,350	1,214	1,320	1,474	1,487	1,571	1,649	1,795	1,880
Rate	119.6	149.0	125.0	121.4	124.5	114.9	109.6	104.9	102.9	96.7
Renovascular & Other Vascular Diseases										
Patients	3,020	3,161	3,333	3,397	3,540	3,658	3,688	3,449	3,310	3,210
Deaths	145	203	173	174	187	191	202	174	189	183
Rate	65.1	89.1	72.4	68.5	70.8	69.2	71.0	65.2	75.4	74.1
Neoplasms										
Patients	121	138	167	178	176	170	200	216	243	265

(Continued)

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Table 5.3 (Continued)
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Kidney Waiting List

Primary Diagnosis (Collected for listings after 1994)	Year									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Neoplasms										
Deaths	3	10	11	13	17	10	16	11	16	18
Rate	39.7	106.7	99.3	117.0	148.4	82.4	123.5	76.1	99.2	101.0
Hypertensive Nephrosclerosis										
Patients	8,487	9,548	10,634	11,755	12,754	13,626	14,966	16,580	18,234	19,775
Deaths	289	421	484	510	607	602	687	752	801	806
Rate	48.2	61.0	62.1	58.9	64.2	59.3	62.4	61.8	59.5	54.5
Not Collected										
Patients	930	649	467	355	283	215	176	139	113	97
Deaths	124	88	44	30	29	23	19	16	7	8
Rate	163.3	163.8	110.1	95.8	120.6	119.3	125.0	126.4	66.2	90.8
Unknown										
Patients	2,165	2,296	2,357	2,342	2,284	2,187	2,096	1,977	1,864	1,785
Deaths	104	129	137	154	140	193	160	157	157	144
Rate	69.2	81.9	84.3	94.9	87.6	126.9	112.9	119.0	130.8	126.9

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