

Table 8.3
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Age This Year		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	3,334	3,849	3,961	3,948	3,895	3,946	3,994	3,966	3,775	3,695
	Deaths	169	198	227	223	208	223	208	233	211	183
	Rate	93.8	89.4	95.5	93.5	89.8	95.8	88.2	98.7	93.6	82.3
<1 Year	Patients	-	-	-	-	-	-	1	1	1	1
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	-	-	-	-	-	-	*	*	*	*
1-5 Years	Patients	5	3	2	1	-	1	1	7	4	2
	Deaths	1	2	-	-	-	-	1	3	1	-
	Rate	*	*	*	*	-	*	*	*	*	*
6-11 Years	Patients	1	-	-	1	3	-	2	-	1	1
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	-	-	*	*	-	*	-	*	*
12-17 Years	Patients	3	1	1	2	1	1	3	3	3	1
	Deaths	-	-	-	1	1	-	-	1	-	-
	Rate	*	*	*	*	*	*	*	*	*	*
18-34 Years	Patients	810	882	897	867	825	751	737	681	662	666
	Deaths	39	31	34	32	37	31	36	33	30	26
	Rate	95.4	63.8	65.8	63.2	81.4	74.0	90.1	86.9	79.8	70.9
35-49 Years	Patients	2,093	2,348	2,365	2,359	2,320	2,365	2,393	2,297	2,161	2,137
	Deaths	103	123	136	132	124	129	127	132	113	107
	Rate	89.5	89.0	94.9	91.7	88.3	91.8	90.0	95.8	86.8	81.8
50-64 Years	Patients	417	606	687	705	732	813	842	957	934	878
	Deaths	25	40	57	56	45	60	44	63	67	50
	Rate	105.2	118.2	136.0	129.7	100.0	121.5	82.2	106.9	117.5	92.5
65+ Years	Patients	5	9	9	13	14	15	15	20	9	9
	Deaths	1	2	-	2	1	3	-	1	-	-
	Rate	*	*	*	254.1	164.9	297.8	-	99.3	*	*

Source: OPTN/SRTR Data as of May 4, 2009.

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 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Ethnicity/Race		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	3,334	3,849	3,961	3,948	3,895	3,946	3,994	3,966	3,775	3,695
	Deaths	169	198	227	223	208	223	208	233	211	183
	Rate	93.8	89.4	95.5	93.5	89.8	95.8	88.2	98.7	93.6	82.3
White	Patients	2,697	3,064	3,034	2,938	2,806	2,809	2,814	2,773	2,584	2,482
	Deaths	134	148	175	167	143	151	142	165	146	132
	Rate	91.3	84.0	97.0	95.5	86.6	93.4	86.9	101.7	95.7	90.1
African American	Patients	403	485	569	610	669	675	677	677	637	653
	Deaths	27	34	34	37	44	50	42	43	43	23
	Rate	123.7	120.5	94.8	94.2	106.8	115.0	99.8	107.7	110.7	55.7
Other/Multi-race	Patients	21	23	20	21	29	27	31	42	44	45
	Deaths	-	2	2	-	2	4	1	2	3	4
	Rate	-	137.9	193.5	-	110.0	236.9	52.3	75.8	107.1	123.7
Asian	Patients	32	46	60	58	56	68	72	69	75	78
	Deaths	-	3	6	2	3	2	6	2	3	3
	Rate	-	113.8	158.2	54.6	95.2	49.6	129.7	42.3	61.0	62.8
Hispanic/Latino	Patients	181	231	278	321	335	367	400	405	435	437
	Deaths	8	11	10	17	16	16	17	21	16	21
	Rate	91.4	84.3	60.3	88.0	78.7	73.5	71.4	79.5	60.6	79.0

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Gender		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	3,334	3,849	3,961	3,948	3,895	3,946	3,994	3,966	3,775	3,695
	Deaths	169	198	227	223	208	223	208	233	211	183
	Rate	93.8	89.4	95.5	93.5	89.8	95.8	88.2	98.7	93.6	82.3
Female	Patients	1,401	1,667	1,687	1,709	1,716	1,684	1,654	1,623	1,576	1,529
	Deaths	72	90	93	92	100	118	79	91	100	77
	Rate	95.2	94.1	89.6	86.3	94.3	115.2	78.9	92.6	103.0	79.6
Male	Patients	1,933	2,182	2,274	2,239	2,179	2,262	2,340	2,343	2,199	2,166
	Deaths	97	108	134	131	108	105	129	142	111	106
	Rate	92.7	85.9	100.0	99.2	86.1	80.6	95.0	103.1	86.4	84.4

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

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(-) = None in category.

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Blood Type		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	3,334	3,849	3,961	3,948	3,895	3,946	3,994	3,966	3,775	3,695
	Deaths	169	198	227	223	208	223	208	233	211	183
	Rate	93.8	89.4	95.5	93.5	89.8	95.8	88.2	98.7	93.6	82.3
A	Patients	1,147	1,333	1,312	1,277	1,239	1,320	1,333	1,292	1,240	1,244
	Deaths	50	55	68	72	62	77	69	64	73	64
	Rate	85.4	76.9	90.0	102.8	89.5	107.9	95.9	90.0	102.9	91.5
AB	Patients	102	105	105	109	111	110	123	126	98	122
	Deaths	2	8	8	4	6	3	5	5	4	5
	Rate	44.3	146.1	161.6	74.0	122.9	54.8	84.0	85.7	78.6	85.3
B	Patients	437	504	543	529	519	516	488	512	479	466
	Deaths	27	26	32	28	36	38	31	38	28	21
	Rate	105.3	85.6	98.1	82.5	107.7	117.8	100.7	122.4	93.3	72.5
O	Patients	1,648	1,907	2,001	2,033	2,026	2,000	2,050	2,036	1,958	1,863
	Deaths	90	109	119	119	104	105	103	126	106	93
	Rate	98.3	95.5	95.5	92.1	83.9	84.9	81.0	98.4	88.7	79.1

Source: OPTN/SRTR Data as of May 4, 2009.

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Total											
Patients	3,334	3,849	3,961	3,948	3,895	3,946	3,994	3,966	3,775	3,695	
Deaths	169	198	227	223	208	223	208	233	211	183	
Rate	93.8	89.4	95.5	93.5	89.8	95.8	88.2	98.7	93.6	82.3	
Alabama											
Patients	45	89	78	70	80	68	64	72	46	52	
Deaths	1	4	7	3	4	1	4	5	5	1	
Rate	107.4	81.0	149.9	71.5	103.5	24.4	100.6	143.5	186.9	32.0	
Arkansas											
Patients	23	26	27	22	21	24	34	31	25	13	
Deaths	4	3	1	3	2	-	2	2	1	1	
Rate	266.4	184.8	71.7	213.4	128.9	-	126.5	114.5	84.3	111.2	
Arizona											
Patients	47	61	55	57	42	41	68	72	86	87	
Deaths	2	4	2	1	1	2	1	3	1	1	
Rate	104.9	117.3	54.8	29.6	41.9	89.4	37.4	97.9	25.0	22.6	
California											
Patients	420	471	487	549	600	632	709	718	706	671	
Deaths	21	28	29	28	32	38	30	44	40	26	
Rate	105.1	98.6	89.8	83.2	85.5	95.2	66.0	96.3	84.4	56.3	
Colorado											
Patients	83	91	84	72	62	53	60	54	55	52	
Deaths	4	6	6	5	6	3	5	3	1	3	
Rate	70.5	97.5	101.5	112.8	168.8	98.4	172.0	87.1	34.0	101.4	
Connecticut											
Patients	62	61	52	43	38	37	30	24	27	28	
Deaths	5	8	5	1	7	3	4	1	3	2	
Rate	92.5	180.3	131.4	29.7	257.1	117.8	197.0	52.0	170.7	117.7	
District of Columbia											
Patients	52	85	112	107	108	97	98	94	59	57	
Deaths	6	6	7	8	9	10	6	7	-	7	
Rate	181.4	116.7	96.2	99.6	119.7	135.5	85.6	127.3	-	194.9	
Delaware											
Patients	-	-	-	-	-	-	-	-	-	1	
Deaths	-	-	-	-	-	-	-	-	-	-	
Rate	-	-	-	-	-	-	-	-	-	*	

(Continued)

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Florida	Patients	74	102	147	158	152	166	162	165	165	141
	Deaths	2	4	5	6	7	6	7	6	12	9
	Rate	62.0	97.4	95.7	88.6	95.3	85.4	100.8	82.8	156.7	136.5
Georgia	Patients	42	66	95	71	66	74	77	78	78	108
	Deaths	3	3	2	5	3	4	4	5	3	4
	Rate	185.5	98.6	55.5	125.8	92.1	105.3	99.0	129.3	68.1	70.5
Hawaii	Patients	4	5	3	6	6	6	6	7	8	6
	Deaths	-	-	-	-	1	-	1	-	-	-
	Rate	*	*	*	*	*	*	*	*	*	*
Iowa	Patients	26	37	45	36	37	26	24	30	33	36
	Deaths	1	2	1	3	1	4	2	2	1	1
	Rate	116.0	104.8	37.5	144.8	67.3	232.6	150.7	126.7	42.8	42.4
Illinois	Patients	228	231	242	250	260	272	244	246	240	235
	Deaths	13	11	14	15	11	18	14	15	21	7
	Rate	94.7	74.4	94.5	91.5	66.7	109.5	90.5	89.6	130.2	48.0
Indiana	Patients	28	29	24	37	47	57	65	77	94	85
	Deaths	1	1	2	1	1	3	-	6	6	8
	Rate	69.1	62.5	118.9	48.5	49.9	159.3	-	176.4	141.5	175.5
Kansas	Patients	23	35	39	28	20	15	27	38	42	41
	Deaths	1	-	3	-	2	2	2	-	-	3
	Rate	180.0	-	165.8	-	239.4	213.0	110.4	-	-	114.4
Kentucky	Patients	51	46	41	41	37	39	24	27	34	23
	Deaths	3	1	3	-	3	3	1	1	-	3
	Rate	148.5	39.9	147.2	-	156.4	154.5	88.0	80.8	-	224.0
Louisiana	Patients	88	95	100	102	110	91	69	60	63	71
	Deaths	6	8	3	5	7	7	8	3	9	3
	Rate	114.2	133.8	48.7	76.7	105.4	122.7	184.5	83.2	295.3	82.6

(Continued)

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Waitlist Center State	Year									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Massachusetts										
Patients	56	61	53	43	67	65	74	63	58	51
Deaths	4	7	2	2	7	4	4	10	8	7
Rate	94.5	188.4	62.1	71.0	192.9	102.6	84.5	222.4	215.7	207.3
Maryland										
Patients	163	178	154	136	113	106	116	117	78	69
Deaths	18	8	13	14	9	5	7	8	6	9
Rate	182.9	88.5	131.5	172.5	126.5	68.3	101.8	138.1	134.5	239.6
Maine										
Patients	2	1	1	7	12	12	8	6	2	2
Deaths	-	-	-	-	-	-	-	2	-	-
Rate	*	*	*	*	-	-	*	*	*	*
Michigan										
Patients	115	114	93	66	79	107	109	114	82	88
Deaths	16	11	14	4	-	6	4	2	2	4
Rate	217.8	142.3	242.7	94.5	-	112.9	65.3	34.2	38.6	75.6
Minnesota										
Patients	228	278	296	231	207	201	178	179	151	145
Deaths	11	7	15	21	7	12	7	11	6	8
Rate	90.2	46.7	85.2	144.3	55.3	101.6	57.2	91.4	57.3	80.7
Missouri										
Patients	40	53	48	53	64	73	79	59	45	45
Deaths	2	5	3	4	2	4	5	5	2	6
Rate	83.2	150.8	89.1	107.0	50.1	81.2	115.3	150.8	69.9	274.3
Mississippi										
Patients	-	2	2	2	3	3	-	-	-	-
Deaths	-	-	-	1	-	-	-	-	-	-
Rate	-	*	*	*	*	*	-	-	-	-
North Carolina										
Patients	77	101	94	128	134	143	140	126	118	108
Deaths	1	12	5	8	8	13	6	4	4	3
Rate	29.5	218.9	90.1	114.4	91.4	153.1	78.2	48.9	59.8	49.6
North Dakota										
Patients	1	5	10	19	14	12	7	14	11	14
Deaths	-	-	-	-	-	-	-	2	-	1
Rate	*	*	-	-	-	-	*	248.6	-	104.9

(Continued)

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

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Table 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Nebraska	Patients	36	40	37	32	30	29	40	49	46	33
	Deaths	-	2	4	2	-	3	-	2	5	3
	Rate	-	91.9	188.8	119.1	-	168.3	-	63.0	184.4	154.4
New Hampshire	Patients	1	1	1	2	2	1	8	15	23	27
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	*	*	*	*	*	*	-	-	-
New Jersey	Patients	70	80	94	129	160	170	153	129	115	82
	Deaths	2	1	3	7	7	9	12	11	8	1
	Rate	51.4	20.4	52.4	81.8	68.2	76.8	116.7	120.6	132.9	23.4
New Mexico	Patients	1	1	-	-	-	-	-	-	-	1
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	*	-	-	-	-	-	-	-	*
Nevada	Patients	4	3	8	6	4	4	5	3	1	1
	Deaths	1	-	-	-	1	-	-	-	-	-
	Rate	*	*	*	*	*	*	*	*	*	*
New York	Patients	137	141	159	181	178	181	198	187	173	185
	Deaths	6	2	10	15	17	12	11	13	12	14
	Rate	79.9	22.9	102.3	121.0	139.0	96.0	87.6	101.3	106.2	117.4
Ohio	Patients	222	246	247	232	202	194	176	171	161	146
	Deaths	6	13	18	17	10	9	12	6	14	8
	Rate	45.1	86.6	119.0	124.7	84.7	89.2	125.4	60.0	193.5	117.3
Oklahoma	Patients	27	42	39	47	46	39	32	30	22	25
	Deaths	2	4	2	2	3	3	3	2	1	-
	Rate	104.6	155.2	67.7	56.3	95.3	111.3	125.3	107.1	56.9	-
Oregon	Patients	22	25	32	31	28	19	20	22	20	20
	Deaths	1	2	1	1	-	1	1	1	1	-
	Rate	93.6	121.1	47.5	58.2	-	74.7	112.4	116.4	107.9	-

(Continued)

Source: OPTN/SRTR Data as of May 4, 2009.

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 8.3 (Continued)
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Kidney-Pancreas Waiting List

Waitlist Center State	Year									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Pennsylvania										
Patients	236	295	291	272	240	268	256	286	290	306
Deaths	9	10	12	9	12	16	15	17	13	18
Rate	73.8	63.3	64.1	54.3	79.4	109.5	95.6	100.3	71.0	88.5
Puerto Rico										
Patients	1	2	2	1	1	3	4	3	21	25
Deaths	-	-	-	-	-	-	-	-	1	1
Rate	*	*	*	*	*	*	*	*	97.4	72.8
Rhode Island										
Patients	1	1	1	1	5	4	8	8	6	7
Deaths	-	-	-	-	-	1	-	1	-	-
Rate	*	*	*	*	*	*	*	*	*	*
South Carolina										
Patients	27	35	40	35	33	36	25	34	40	49
Deaths	1	-	2	3	-	1	2	2	1	3
Rate	134.6	-	122.7	200.7	-	64.3	146.8	133.7	44.1	113.0
South Dakota										
Patients	-	1	1	2	3	10	9	4	2	2
Deaths	-	-	-	-	-	-	-	-	-	-
Rate	-	*	*	*	*	-	*	*	*	*
Tennessee										
Patients	56	72	73	82	63	57	71	76	49	42
Deaths	2	3	4	9	1	-	3	3	2	2
Rate	96.4	98.0	88.0	191.6	31.2	-	68.2	75.2	86.8	103.9
Texas										
Patients	183	201	227	232	215	198	203	183	217	235
Deaths	4	12	14	10	17	11	12	13	8	10
Rate	37.4	99.4	115.5	68.8	128.8	98.2	104.9	111.6	63.5	72.9
Utah										
Patients	17	14	15	23	24	15	13	21	28	29
Deaths	1	-	1	-	-	-	-	1	-	-
Rate	162.8	-	114.3	-	-	-	-	124.8	-	-
Virginia										
Patients	57	57	52	63	59	61	74	72	60	55
Deaths	2	1	1	2	4	1	4	5	2	3
Rate	70.4	32.6	33.5	58.6	123.8	25.9	92.4	123.3	52.3	87.2

(Continued)

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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 8.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Kidney-Pancreas Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Vermont	Patients	3	2	-	4	12	11	10	8	10	16
	Deaths	-	-	-	-	-	-	1	2	-	-
	Rate	*	*	-	*	-	-	165.2	*	-	-
Washington	Patients	105	113	108	90	81	87	82	79	73	66
	Deaths	5	3	6	5	3	3	3	4	8	3
	Rate	72.1	40.7	83.1	83.0	63.9	64.8	53.3	76.8	192.6	70.3
Wisconsin	Patients	149	152	148	145	128	136	132	112	111	113
	Deaths	2	6	7	3	3	5	5	3	4	-
	Rate	29.8	78.6	93.3	44.6	50.1	80.1	88.0	55.4	70.0	-
West Virginia	Patients	1	2	4	4	2	3	3	3	1	1
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	*	*	*	*	*	*	*	*	*

Source: OPTN/SRTR Data as of May 4, 2009.

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.