

Table 9.3
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Age This Year		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
	Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
	Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
<1 Year	Patients	163	162	156	137	136	138	144	147	137	115
	Deaths	16	14	18	18	19	14	15	20	8	8
	Rate	562.3	480.8	591.3	925.1	973.6	646.3	744.8	910.3	447.2	600.9
1-5 Years	Patients	605	649	767	761	716	691	701	655	643	641
	Deaths	61	56	83	63	47	48	61	56	46	40
	Rate	212.3	172.1	193.5	157.4	127.9	137.5	190.5	211.9	182.9	166.2
6-11 Years	Patients	337	359	329	339	329	326	324	339	316	303
	Deaths	14	14	15	6	10	5	10	6	6	8
	Rate	63.7	58.2	65.0	26.3	44.7	24.6	48.0	27.6	31.4	47.0
12-17 Years	Patients	387	401	457	447	378	376	353	369	344	333
	Deaths	22	15	22	14	11	13	15	19	9	9
	Rate	91.9	61.7	79.1	52.8	47.1	57.7	69.6	91.1	45.0	48.1
18-34 Years	Patients	1,216	1,353	1,431	1,409	1,372	1,403	1,413	1,391	1,352	1,353
	Deaths	97	102	89	104	92	97	86	68	64	68
	Rate	135.3	122.1	96.3	117.0	109.1	115.7	102.5	83.4	82.7	89.3
35-49 Years	Patients	7,296	7,632	7,794	7,440	6,631	6,221	5,822	5,354	4,884	4,551
	Deaths	582	594	686	550	482	441	422	326	292	245
	Rate	131.3	122.5	133.0	116.3	114.4	113.6	118.6	101.0	100.7	91.1
50-64 Years	Patients	9,047	10,641	12,095	12,901	13,405	14,277	14,755	15,189	15,458	15,586
	Deaths	972	981	1,084	1,122	1,123	1,205	1,214	1,160	1,117	1,101
	Rate	174.9	142.9	132.7	133.4	129.9	131.6	129.4	121.7	116.8	116.1
65+ Years	Patients	1,914	2,193	2,488	2,697	2,710	2,898	3,073	3,251	3,369	3,525
	Deaths	254	243	328	284	310	341	318	336	280	303
	Rate	210.1	166.8	192.6	162.9	176.6	184.8	163.9	167.0	131.2	141.1

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

Ethnicity/Race		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
	Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
	Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
White	Patients	15,750	17,360	18,725	19,072	18,643	19,018	19,107	18,992	18,835	18,612
	Deaths	1,519	1,434	1,647	1,535	1,491	1,565	1,516	1,360	1,307	1,242
	Rate	158.7	128.6	131.2	125.0	125.2	130.1	127.4	115.9	113.9	111.7
African American	Patients	1,643	1,873	2,054	2,062	1,995	2,097	2,105	2,142	2,111	2,087
	Deaths	202	197	223	218	171	179	186	166	158	168
	Rate	219.7	181.1	175.0	179.0	147.4	151.5	158.1	145.2	139.7	153.7
Other/Multi-race	Patients	139	138	141	178	191	187	207	228	230	253
	Deaths	14	11	14	15	16	12	14	23	17	21
	Rate	175.9	130.6	146.1	153.1	154.7	112.2	115.3	181.1	126.2	146.3
Asian	Patients	900	1,016	1,149	1,180	1,176	1,240	1,234	1,286	1,327	1,334
	Deaths	76	93	107	81	80	75	73	77	65	65
	Rate	139.1	144.3	139.5	106.5	104.8	95.7	92.1	96.6	80.4	80.5
Hispanic/Latino	Patients	2,525	2,996	3,442	3,633	3,671	3,787	3,931	4,046	3,999	4,120
	Deaths	206	284	334	312	336	333	352	365	275	286
	Rate	131.7	151.6	150.4	133.9	142.2	137.8	141.4	146.2	111.0	112.8
Unknown	Patients	8	7	6	6	1	1	1	1	1	1
	Deaths	1	-	-	-	-	-	-	-	-	-
	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.

Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Gender		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
	Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
	Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
Female	Patients	8,775	9,766	10,589	10,763	10,460	10,537	10,454	10,523	10,330	10,251
	Deaths	819	790	963	892	843	857	839	833	740	724
	Rate	150.8	124.5	133.6	124.8	121.8	123.7	123.2	124.3	113.9	115.0
Male	Patients	12,190	13,624	14,928	15,368	15,217	15,793	16,131	16,172	16,173	16,156
	Deaths	1,199	1,229	1,362	1,269	1,251	1,307	1,302	1,158	1,082	1,058
	Rate	165.2	144.6	140.2	133.0	133.4	136.3	134.6	120.7	113.5	112.6

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

Notes:

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(-) = None in category.

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Blood Type		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
	Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
	Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
A	Patients	7,529	8,489	9,208	9,343	9,205	9,610	9,792	9,825	9,807	9,773
	Deaths	715	666	803	725	739	778	798	711	686	706
	Rate	161.5	127.7	133.9	123.5	127.3	129.8	132.4	119.5	115.9	122.1
AB	Patients	677	716	821	850	804	798	811	857	827	736
	Deaths	63	65	59	53	66	54	41	41	43	38
	Rate	177.4	161.9	125.3	114.9	149.7	129.3	97.7	96.4	104.4	101.6
B	Patients	2,462	2,708	3,012	3,069	3,034	3,107	3,073	3,100	3,134	3,206
	Deaths	234	238	276	273	230	223	223	217	191	174
	Rate	163.3	143.4	143.4	143.9	123.4	120.4	119.1	117.4	102.1	93.7
O	Patients	10,297	11,477	12,476	12,869	12,634	12,815	12,909	12,913	12,735	12,692
	Deaths	1,006	1,050	1,187	1,110	1,059	1,109	1,079	1,022	902	864
	Rate	155.4	138.8	139.1	131.3	129.4	134.4	132.1	126.6	115.2	112.5

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

Primary Diagnosis	Year									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
Non-Cholestatic Cirrhosis										
Patients	13,232	14,898	16,320	16,497	16,125	16,753	17,110	17,250	17,273	17,394
Deaths	1,307	1,355	1,552	1,356	1,327	1,419	1,439	1,296	1,221	1,188
Rate	159.7	139.8	141.1	124.6	123.9	129.7	129.9	117.2	111.0	109.0
Cholestatic Liver Disease/Cirrhosis										
Patients	2,206	2,371	2,469	2,539	2,475	2,452	2,406	2,395	2,315	2,212
Deaths	177	164	180	165	140	146	132	136	124	118
Rate	121.7	101.5	101.0	93.6	80.7	85.6	80.2	83.4	81.4	80.8
Acute Hepatic Necrosis										
Patients	1,262	1,407	1,485	1,532	1,435	1,431	1,388	1,289	1,249	1,122
Deaths	170	142	156	178	148	149	127	133	104	82
Rate	277.8	194.3	181.5	217.3	189.1	194.8	177.1	195.7	163.4	145.4
Biliary Atresia										
Patients	539	562	612	629	603	598	591	550	552	538
Deaths	22	23	33	23	16	11	18	20	14	16
Rate	71.3	66.9	82.2	58.7	40.2	28.7	49.3	58.9	44.2	54.3
Metabolic Diseases										
Patients	443	473	509	498	479	475	505	498	454	483
Deaths	33	34	28	40	38	44	36	38	29	33
Rate	132.8	119.5	86.9	130.3	142.4	165.1	127.9	148.0	118.2	137.3
Malignant Neoplasms										
Patients	306	340	423	512	509	619	720	823	931	1,212
Deaths	27	26	43	45	31	29	28	28	33	52
Rate	169.1	132.2	170.2	189.4	142.2	124.6	112.1	107.5	103.9	131.1
Other										
Patients	2,338	2,695	3,054	3,270	3,445	3,435	3,311	3,378	3,244	3,010
Deaths	215	233	282	301	334	319	305	290	256	249
Rate	161.8	147.7	150.7	159.0	180.8	167.5	165.1	161.5	146.6	155.1
Not Collected										
Patients	58	54	50	46	40	39	38	34	34	33
Deaths	3	4	4	1	1	1	1	-	1	1
Rate	53.9	78.7	84.4	24.0	25.5	26.6	27.9	-	29.9	31.3

(Continued)

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

Notes:

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(-) = None in category.

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Primary Diagnosis		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Unknown	Patients	581	590	595	608	566	528	516	478	451	403
	Deaths	64	38	47	52	59	46	55	50	40	43
	Rate	190.1	107.6	122.8	150.1	193.4	161.5	207.8	209.8	194.8	209.8

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

Notes:

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Patient Status		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407
	Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782
	Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5
1	Patients	796	761	819	445	378	389	303	-	-	-
	Deaths	175	120	134	90	74	77	55	-	-	-
	Rate	4,767.9	794.9	8,481.1	6,404.1	5,084.5	2,772.7	8,800.9	-	-	-
1A	Patients	-	-	-	-	-	-	160	381	391	328
	Deaths	-	-	-	-	-	-	18	63	58	54
	Rate	-	-	-	-	-	-	5,397.0	4,158.3	4,820.7	3,190.5
1B	Patients	-	-	-	-	-	-	1	3	6	7
	Deaths	-	-	-	-	-	-	-	1	1	-
	Rate	-	-	-	-	-	-	*	*	*	*
2A	Patients	1,306	1,375	1,534	241	-	-	-	-	-	-
	Deaths	318	313	380	71	-	-	-	-	-	-
	Rate	8,579.7	6,174.7	4,043.3	3,701.2	-	-	-	-	-	-
2B	Patients	4,922	5,365	5,627	1,454	-	-	-	-	-	-
	Deaths	561	570	586	197	-	-	-	-	-	-
	Rate	241.5	202.2	198.9	444.0	-	-	-	-	-	-
3	Patients	11,312	12,908	13,802	7,515	-	-	-	-	-	-
	Deaths	581	602	702	336	-	-	-	-	-	-
	Rate	68.4	60.5	62.3	190.1	-	-	-	-	-	-
MELD 6-10	Patients	-	-	-	3,020	7,283	7,201	7,253	7,376	7,434	7,430
	Deaths	-	-	-	104	233	229	224	234	227	194
	Rate	-	-	-	19.6	37.6	37.3	35.8	37.0	35.9	31.5
MELD 11-14	Patients	-	-	-	3,305	6,304	6,459	6,576	6,653	6,489	6,340
	Deaths	-	-	-	107	320	326	355	323	333	257
	Rate	-	-	-	28.0	71.1	68.6	72.8	66.6	71.3	56.8

(Continued)

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Patient Status		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MELD 15-20	Patients	-	-	-	3,237	4,635	4,916	5,041	5,107	4,971	4,901
	Deaths	-	-	-	250	441	477	455	414	360	385
	Rate	-	-	-	107.2	157.4	166.1	155.8	143.4	124.1	133.1
MELD 21-30	Patients	-	-	-	1,895	2,419	2,624	2,783	2,919	2,930	3,165
	Deaths	-	-	-	316	443	432	429	409	358	432
	Rate	-	-	-	668.6	805.7	746.3	731.8	733.9	605.2	664.8
MELD >30	Patients	-	-	-	909	1,102	1,336	1,388	1,311	1,385	1,437
	Deaths	-	-	-	367	398	457	440	385	365	356
	Rate	-	-	-	5,903.8	5,000.9	5,026.6	4,642.1	3,923.6	3,832.3	3,764.2
PELD <11	Patients	-	1	-	408	707	633	538	486	444	454
	Deaths	-	-	-	5	16	9	8	3	2	3
	Rate	-	*	-	12.5	38.7	24.8	28.8	11.3	7.7	11.4
PELD 11-14	Patients	-	-	-	69	98	119	112	96	92	79
	Deaths	-	-	-	1	7	4	4	4	5	1
	Rate	-	-	-	18.9	132.7	82.0	100.8	90.9	130.7	25.1
PELD 15-20	Patients	-	1	-	96	139	140	138	126	148	115
	Deaths	-	-	-	12	10	11	8	12	5	3
	Rate	-	*	-	324.9	233.7	278.4	190.9	302.3	116.0	77.1
PELD 21-30	Patients	-	1	-	110	118	117	121	133	140	137
	Deaths	-	-	-	19	19	18	19	23	21	18
	Rate	-	*	-	930.4	790.4	697.7	580.5	966.3	811.6	778.2
PELD >30	Patients	-	-	-	39	49	48	54	53	56	53
	Deaths	-	-	-	12	7	9	18	19	14	17
	Rate	-	-	-	2,529.9	1,399.0	2,346.8	5,689.3	3,094.5	2,080.0	2,820.4
HCC T1	Patients	-	-	-	161	127	69	9	13	13	9
	Deaths	-	-	-	6	2	2	-	-	1	-
	Rate	-	-	-	71.0	30.3	72.3	*	-	213.2	*

(Continued)

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

Notes:

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Patient Status	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
HCC T2											
Patients	-	-	-	494	667	808	876	981	1,078	1,117	
Deaths	-	-	-	11	27	28	32	32	27	25	
Rate	-	-	-	75.5	135.9	120.7	112.6	106.1	73.0	60.4	
Other Exceptions											
Patients	-	-	-	79	172	174	192	213	228	286	
Deaths	-	-	-	2	10	10	12	14	13	14	
Rate	-	-	-	33.6	109.0	87.9	83.1	97.3	75.5	60.8	
Other Status											
Patients	2,629	2,978	3,735	2,654	1,479	1,297	1,040	844	698	549	
Deaths	383	414	523	255	87	75	64	55	32	23	
Rate	210.4	205.4	201.4	155.0	68.6	61.5	70.0	74.4	60.1	64.4	

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Notes:

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(-) = None in category.

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

Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Total											
Patients	20,965	23,390	25,517	26,131	25,677	26,330	26,585	26,695	26,503	26,407	
Deaths	2,018	2,019	2,325	2,161	2,094	2,164	2,141	1,991	1,822	1,782	
Rate	159.0	136.0	137.4	129.5	128.5	131.0	129.9	122.2	113.7	113.5	
Alabama											
Patients	339	364	396	320	259	249	217	188	205	205	
Deaths	37	36	54	41	22	29	23	12	9	18	
Rate	217.9	169.2	226.5	186.5	139.8	209.1	204.9	128.8	115.8	228.5	
Arkansas											
Patients	3	3	3	3	5	8	25	46	54	57	
Deaths	-	-	-	-	-	-	1	1	2	-	
Rate	*	*	*	*	*	*	97.6	58.5	100.8	-	
Arizona											
Patients	201	235	291	321	383	388	462	511	566	576	
Deaths	15	18	24	23	43	26	30	39	35	28	
Rate	121.3	128.7	127.4	112.6	215.7	112.4	110.5	129.6	108.9	80.9	
California											
Patients	3,934	4,387	4,952	5,194	5,175	5,171	5,094	5,100	5,125	5,085	
Deaths	349	357	442	387	436	384	432	410	319	308	
Rate	132.6	118.4	127.6	108.8	121.5	105.8	121.3	118.0	91.8	89.4	
Colorado											
Patients	357	415	524	607	627	656	619	617	641	638	
Deaths	13	25	34	24	41	57	41	37	34	38	
Rate	53.2	88.6	92.2	57.5	88.5	117.6	91.0	80.7	73.0	86.2	
Connecticut											
Patients	154	149	139	104	115	123	117	106	118	178	
Deaths	23	26	16	11	16	16	12	7	10	8	
Rate	241.1	301.6	187.6	193.2	248.6	253.0	191.4	130.5	177.7	106.6	
District of Columbia											
Patients	175	205	274	336	395	419	398	370	350	279	
Deaths	14	16	17	28	35	48	37	24	31	21	
Rate	128.1	119.8	92.9	123.7	131.7	162.8	137.7	99.3	143.0	130.5	
Delaware											
Patients	22	40	67	82	54	50	49	38	35	34	
Deaths	-	1	2	3	-	3	2	-	-	-	
Rate	-	35.0	43.6	68.0	-	80.8	69.6	-	-	-	

(Continued)

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

Notes:

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(-) = None in category.

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Waitlist Center State		Year									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Florida	Patients	1,215	1,373	1,513	1,477	1,326	1,337	1,301	1,229	1,217	1,128
	Deaths	84	91	95	96	74	87	86	89	68	63
	Rate	139.1	126.6	118.2	128.8	113.5	145.6	147.8	163.4	141.9	140.5
Georgia	Patients	177	218	270	316	368	437	457	505	495	455
	Deaths	19	26	17	21	37	37	29	16	19	12
	Rate	333.4	292.1	129.2	123.0	184.8	164.5	117.0	58.5	73.6	54.8
Hawaii	Patients	36	44	43	46	45	49	52	56	63	70
	Deaths	3	5	6	4	5	7	3	3	5	3
	Rate	142.9	200.7	236.7	143.5	196.6	250.7	99.3	78.5	123.6	70.3
Iowa	Patients	75	90	82	82	72	69	84	83	95	107
	Deaths	3	7	6	3	6	7	11	4	8	11
	Rate	92.6	215.9	177.1	90.4	202.0	179.5	259.7	83.0	134.6	167.2
Illinois	Patients	1,581	1,696	1,751	1,727	1,538	1,448	1,367	1,254	1,187	1,179
	Deaths	156	137	134	129	114	113	102	93	85	82
	Rate	140.0	109.6	99.4	105.2	108.7	116.1	112.3	120.2	111.3	119.6
Indiana	Patients	274	311	320	314	281	275	293	265	257	213
	Deaths	26	28	30	17	14	19	22	23	22	14
	Rate	150.8	138.6	140.5	103.6	157.9	246.7	282.7	286.7	306.2	271.2
Kansas	Patients	60	56	58	54	64	79	117	115	125	164
	Deaths	3	4	4	2	7	7	12	9	7	9
	Rate	175.3	241.0	215.0	96.3	319.3	211.2	247.9	196.1	140.1	179.0
Kentucky	Patients	131	155	155	189	190	228	236	261	272	273
	Deaths	10	25	14	12	16	19	10	15	21	21
	Rate	159.7	361.4	181.0	119.4	163.8	174.5	79.9	105.6	142.8	136.4
Louisiana	Patients	293	316	366	380	401	423	369	321	347	323
	Deaths	23	23	23	30	29	25	23	15	22	30
	Rate	167.6	130.3	119.4	146.6	157.1	133.4	129.1	101.4	156.7	217.2

(Continued)

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

Notes:

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Massachusetts	Patients	1,102	1,275	1,277	1,291	1,217	1,188	1,269	1,273	1,199	1,218
	Deaths	115	124	103	121	94	115	100	99	95	96
	Rate	145.0	135.8	104.0	130.1	107.3	129.0	107.1	108.0	109.6	114.7
Maryland	Patients	519	547	550	558	590	616	619	598	609	607
	Deaths	60	59	55	40	53	50	47	57	70	45
	Rate	166.6	155.8	135.2	104.3	130.9	113.5	107.3	135.3	169.3	107.0
Michigan	Patients	519	547	624	596	571	624	634	641	620	659
	Deaths	64	51	54	51	35	38	46	34	47	70
	Rate	202.8	144.3	134.2	133.1	98.5	102.7	124.4	86.6	123.0	225.2
Minnesota	Patients	485	658	717	751	755	772	824	825	797	782
	Deaths	48	66	69	54	46	50	52	62	56	43
	Rate	196.7	180.1	149.3	101.7	87.7	91.5	95.4	113.3	104.1	83.8
Missouri	Patients	425	402	432	414	373	393	374	375	354	338
	Deaths	45	33	37	47	36	35	26	23	29	23
	Rate	198.9	135.9	135.3	191.9	172.9	171.8	142.0	133.2	193.9	151.2
North Carolina	Patients	631	799	846	873	865	847	829	789	714	669
	Deaths	41	60	79	62	75	77	68	69	49	46
	Rate	108.6	114.3	127.9	106.8	118.8	124.8	112.6	126.1	98.0	110.6
Nebraska	Patients	284	291	273	251	242	260	268	306	290	292
	Deaths	32	27	38	33	27	24	26	31	25	30
	Rate	219.9	185.0	290.4	265.8	234.9	191.3	211.7	223.1	170.9	194.8
New Jersey	Patients	189	228	260	281	294	316	330	318	322	279
	Deaths	9	15	23	31	19	25	27	17	21	9
	Rate	99.8	132.8	159.1	219.4	118.3	138.4	138.6	80.1	100.9	47.7
New Mexico	Patients	41	24	10	9	9	-	-	-	-	-
	Deaths	12	8	1	-	-	-	-	-	-	-
	Rate	665.6	644.5	110.4	*	*	-	-	-	-	-

(Continued)

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

Notes:

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
New York	Patients	1,987	2,305	2,670	2,722	2,708	2,841	2,952	3,024	2,750	2,710
	Deaths	227	211	324	303	286	299	276	263	191	226
	Rate	175.7	136.5	172.6	160.3	149.4	156.6	141.0	138.3	105.4	119.8
Ohio	Patients	568	598	584	552	532	548	613	677	737	728
	Deaths	71	62	64	65	48	39	55	37	51	39
	Rate	244.9	191.2	202.9	217.9	185.1	162.9	216.5	118.8	140.2	109.2
Oklahoma	Patients	131	141	177	174	187	178	194	218	236	255
	Deaths	10	4	13	12	13	11	17	10	16	15
	Rate	147.7	50.0	140.5	111.7	123.0	103.6	160.1	79.1	111.6	96.0
Oregon	Patients	245	255	223	241	238	234	244	243	226	216
	Deaths	18	30	23	20	12	17	9	9	14	10
	Rate	109.9	179.8	146.7	127.0	78.7	110.8	60.2	63.6	106.6	79.2
Pennsylvania	Patients	2,059	2,170	2,225	2,289	2,199	2,316	2,255	2,236	2,310	2,311
	Deaths	195	194	188	174	183	209	197	181	176	163
	Rate	150.3	131.2	118.0	123.4	131.5	147.0	144.6	131.7	127.5	127.8
South Carolina	Patients	145	160	166	148	121	122	116	115	102	107
	Deaths	17	20	16	15	10	12	8	11	7	5
	Rate	294.6	271.3	207.7	183.6	138.3	198.6	171.9	318.0	227.7	166.9
South Dakota	Patients	1	1	-	-	-	-	-	-	-	-
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	*	-	-	-	-	-	-	-	-
Tennessee	Patients	322	383	408	438	434	458	465	490	512	523
	Deaths	44	38	33	43	31	30	39	31	34	29
	Rate	290.7	198.1	130.8	166.9	116.1	103.2	132.7	116.1	133.1	111.5
Texas	Patients	1,195	1,424	1,680	1,769	1,825	1,921	2,002	2,143	2,220	2,389
	Deaths	115	110	177	150	160	147	161	162	149	163
	Rate	191.2	135.5	175.9	137.3	148.2	132.0	133.1	125.7	114.9	113.6

(Continued)

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

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Table 9.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1999 to 2008
Liver Waiting List

Waitlist Center State	Year										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Utah	Patients	114	115	125	132	130	128	139	180	198	212
	Deaths	7	9	10	4	8	6	14	17	28	17
	Rate	131.0	149.2	133.5	59.0	110.5	89.7	252.2	207.9	267.9	143.8
Virginia	Patients	397	402	467	469	461	468	431	410	378	395
	Deaths	65	38	57	68	40	62	50	37	31	38
	Rate	288.8	161.5	203.0	241.8	146.9	216.2	190.2	153.2	142.9	188.4
Vermont	Patients	-	1	1	-	1	-	-	-	-	-
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	-	*	*	-	*	-	-	-	-	-
Washington	Patients	308	320	280	257	266	329	395	393	392	348
	Deaths	28	15	22	13	9	13	29	19	16	19
	Rate	149.3	79.5	132.5	101.6	72.0	91.2	152.8	88.4	76.3	91.8
Wisconsin	Patients	271	287	318	364	361	362	375	376	385	405
	Deaths	17	20	21	24	14	21	18	25	20	30
	Rate	139.2	131.4	124.0	144.9	76.8	107.8	90.5	121.3	94.6	151.4

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