Table 9.3
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2005
Liver Waiting List

Age This Year		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total											
	Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
	Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
	Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
<1 Year											
	Patients	118	124	160	163	162	156	139	136	138	147
	Deaths	9	18	23	16	14	18	18	19	14	15
	Rate	423.3	913.0	877.8	562.1	480.4	587.1	882.2	952.9	635.5	721.6
1-5 Years											
	Patients	550	592	578	605	649	769	761	720	694	706
	Deaths	44	67	65	61	56	83	63	47	48	61
	Rate	177.0	249.9	235.6	212.3	171.7	192.3	155.8	125.4	135.0	185.9
6-10 Years											
	Patients	238	262	295	291	298	271	287	268	279	273
	Deaths	14	11	15	10	12	14	3	9	4	7
	Rate	98.6	69.1	84.7	52.3	59.5	73.5	15.7	49.6	23.0	38.8
11-17 Years											
	Patients	322	371	414	432	462	514	499	439	424	406
	Deaths	15	23	22	26	17	23	17	12	13	18
	Rate	89.8	113.0	92.2	96.9	60.0	72.1	56.2	43.4	50.5	73.1
18-34 Years											
	Patients	919	1,069	1,098	1,215	1,352	1,433	1,410	1,374	1,404	1,417
	Deaths	74	89	89	97	102	89	103	92	98	85
	Rate	162.2	158.3	142.7	135.4	122.2	96.2	115.1	108.4	116.1	100.2
35-49 Years											
	Patients	4,764	5,558	6,448	7,291	7,630	7,794	7,441	6,639	6,234	5,841
	Deaths	378	422	521	583	594	685	550	481	439	410
	Rate	157.0	135.2	137.9	131.6	122.5	132.6	115.7	113.3	112.0	113.4
50-64 Years											
	Patients	4,813	5,759	7,262	9,052	10,651	12,103	12,914	13,416	14,305	14,808
	Deaths	455	521	665	971	980	1,084	1,123	1,115	1,192	1,192
	Rate	187.8	161.9	156.4	174.6	142.6	132.4	132.6	127.9	128.9	125.0
65+ Years											
	Patients	974	1,148	1,477	1,917	2,196	2,492	2,708	2,726	2,915	3,107
	Deaths	114	123	165	253	243	328	283	312	337	316
	Rate	245.8	196.4	185.5	208.9	166.3	191.8	160.7	175.1	179.4	158.3

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Ethnicity/Race		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total											
	Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
	Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
	Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
White											
	Patients	9,675	11,274	13,332	15,744	17,361	18,730	19,084	18,659	19,055	19,184
	Deaths	806	917	1,142	1,520	1,433	1,645	1,535	1,486	1,556	1,490
	Rate	166.1	146.3	146.8	158.8	128.5	130.8	124.4	123.8	128.1	123.2
African American											
	Patients	1,043	1,191	1,415	1,642	1,867	2,048	2,063	1,996	2,104	2,110
	Deaths	129	127	152	202	198	223	219	171	178	185
	Rate	274.6	215.4	197.9	219.6	182.4	175.3	179.1	146.1	149.1	154.4
Hispanic/Latino											
	Patients	1,358	1,680	2,113	2,529	3,005	3,449	3,638	3,681	3,789	3,953
	Deaths	113	148	206	206	284	334	312	334	326	346
	Rate	160.0	159.9	171.1	131.4	151.0	149.5	132.6	139.9	133.2	135.9
Asian											
	Patients	502	619	744	903	1,021	1,154	1,185	1,185	1,241	1,241
	Deaths	38	64	57	74	92	108	79	80	73	70
	Rate	158.7	194.9	133.1	134.2	141.5	139.7	102.4	103.2	91.9	86.8
Other/Multi-race											
	Patients	101	109	117	138	137	141	177	190	188	196
	Deaths	16	18	8	14	11	14	15	16	12	13
	Rate	333.8	318.3	111.1	175.0	129.7	146.0	152.8	155.1	111.9	112.1
Unknown											
	Patients	19	10	11	10	9	10	12	7	16	21
	Deaths	1	-	-	1	-	-	-	-	-	-
	Rate	77.7	-	-	122.1	*	-	-	*	-	-

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Gender		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total											
	Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
	Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
	Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
Female											
	Patients	5,563	6,409	7,458	8,779	9,769	10,600	10,775	10,480	10,564	10,509
	Deaths	470	527	663	818	789	962	892	838	845	824
	Rate	164.2	146.8	149.6	150.5	124.2	133.1	124.0	120.0	120.6	119.0
Male											
	Patients	7,135	8,474	10,274	12,187	13,631	14,932	15,384	15,238	15,829	16,196
	Deaths	633	747	902	1,199	1,229	1,362	1,268	1,249	1,300	1,280
	Rate	182.5	162.8	154.8	165.1	144.5	139.9	132.0	131.9	134.1	130.0

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Blood Type		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total											
	Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
	Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
	Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
O											
	Patients	6,201	7,304	8,745	10,301	11,486	12,487	12,886	12,657	12,849	12,972
	Deaths	552	663	829	1,007	1,051	1,187	1,110	1,058	1,099	1,068
	Rate	166.5	157.3	157.1	155.4	138.8	138.8	130.4	128.0	131.7	128.4
A											
	Patients	4,623	5,363	6,343	7,526	8,488	9,208	9,348	9,215	9,628	9,827
	Deaths	380	417	529	713	665	803	724	734	772	782
	Rate	176.0	146.0	148.4	161.1	127.4	133.8	122.6	125.3	127.5	127.8
B											
	Patients	1,426	1,701	2,057	2,462	2,709	3,015	3,073	3,041	3,116	3,089
	Deaths	132	150	159	235	237	275	273	230	220	215
	Rate	199.4	171.8	140.8	163.8	142.6	142.5	142.9	122.2	117.4	112.8
AB											
	Patients	448	515	587	677	717	822	852	805	800	817
	Deaths	39	44	48	62	65	59	53	65	54	39
	Rate	202.5	188.1	166.3	174.3	161.5	124.9	113.9	146.1	127.6	91.1

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Primary Diagnosis (Collected for listings after 1994)	Year									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total										
Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
Non-Cholestatic Cirrhosis										
Patients	7,594	9,083	11,171	13,359	15,056	16,505	16,707	16,384	17,064	17,631
Deaths	700	787	987	1,308	1,355	1,550	1,355	1,322	1,407	1,411
Rate	182.3	153.0	149.8	158.1	138.1	138.9	122.2	120.5	125.0	122.4
Cholestatic Liver Disease/Cirrhosis										
Patients	1,617	1,787	1,953	2,204	2,366	2,471	2,541	2,471	2,443	2,425
Deaths	84	85	130	173	161	179	164	138	142	131
Rate	95.8	79.6	102.5	119.0	99.5	99.9	92.5	79.0	82.4	78.0
Acute Hepatic Necrosis										
Patients	719	936	1,075	1,284	1,442	1,546	1,599	1,501	1,520	1,474
Deaths	122	147	145	169	143	158	179	148	148	128
Rate	486.9	437.6	310.1	268.7	190.1	176.8	205.8	177.9	180.5	165.4
Biliary Atresia										
Patients	454	466	501	544	566	614	631	603	604	597
Deaths	11	16	22	22	23	33	23	16	11	19
Rate	47.4	62.2	79.4	70.9	66.4	81.7	58.2	40.1	28.6	51.5
Metabolic Diseases										
Patients	341	400	422	450	484	517	509	487	481	514
Deaths	24	37	36	33	34	28	40	38	44	36
Rate	145.6	188.9	158.5	130.3	116.4	85.3	127.6	139.2	159.7	123.2
Malignant Neoplasms										
Patients	161	166	211	286	317	383	466	445	523	602
Deaths	16	12	20	27	26	43	45	32	28	26
Rate	291.2	182.7	191.3	188.3	150.5	192.2	220.9	177.7	154.0	131.7
Other										
Patients	1,257	1,500	1,846	2,277	2,618	2,958	3,169	3,340	3,310	3,039
Deaths	98	129	156	217	234	282	301	333	318	297
Rate	157.7	159.4	154.4	168.7	153.6	156.7	164.3	187.7	175.5	174.3
Not Collected										
Patients	85	74	64	58	54	50	46	40	39	38
Deaths	5	8	3	3	4	4	1	1	1	1
Rate	64.2	117.1	49.9	53.9	78.7	84.3	24.0	25.4	26.6	27.6

(Continued)

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Primary Diagnosis (Collected for listings after 1994)	Year									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Unknown										
Patients	470	471	489	504	497	488	491	447	409	385
Deaths	43	53	66	65	38	47	52	59	46	55
Rate	204.8	225.2	256.6	224.5	131.1	149.6	189.0	249.7	215.8	290.8

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Patient Status		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total											
	Patients	12,698	14,883	17,732	20,966	23,400	25,532	26,159	25,718	26,393	26,705
	Deaths	1,103	1,274	1,565	2,017	2,018	2,324	2,160	2,087	2,145	2,104
	Rate	174.3	155.8	152.5	158.9	135.8	137.0	128.6	126.9	128.4	125.5
1											
	Patients	1,106	910	717	798	762	825	447	379	391	303
	Deaths	243	206	158	175	120	135	91	75	78	54
	Rate	8,796.2	9,894.3	4,541.6	4,771.3	792.2	8,319.0	5,247.3	2,118.5	787.7	6,618.6
1A											
	Patients	-	-	-	-	-	-	-	-	-	164
	Deaths	-	-	-	-	-	-	-	-	-	19
	Rate	-	-	-	-	-	-	-	-	-	4,119.5
1B											
	Patients	-	-	-	-	-	-	-	-	-	1
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	-	-	-	-	-	-	-	-	-	*
2											
	Patients	1,631	1,115	-	-	-	-	-	-	-	-
	Deaths	212	175	-	-	-	-	-	-	-	-
	Rate	2,047.4	2,488.6	-	-	-	-	-	-	-	-
2A											
	Patients	-	268	1,031	1,307	1,376	1,542	243	-	-	-
	Deaths	-	43	242	319	312	382	71	-	-	-
	Rate	-	5,812.6	9,102.6	8,602.9	6,153.7	4,020.7	3,651.5	-	-	-
2B											
	Patients	-	858	3,325	4,924	5,376	5,634	1,449	-	-	-
	Deaths	-	85	312	561	568	587	193	-	-	-
	Rate	-	1,650.7	218.2	241.2	201.1	198.3	433.5	-	-	-
3											
	Patients	5,470	8,238	10,237	11,339	12,948	13,845	7,583	-	-	-
	Deaths	314	444	521	581	604	706	336	-	-	-
	Rate	97.9	69.6	73.1	68.2	60.5	62.3	189.7	-	-	-
4											
	Patients	2,984	1,856	-	-	-	-	-	-	-	-
	Deaths	148	97	-	-	-	-	-	-	-	-
	Rate	67.6	940.0	-	-	-	-	-	-	-	-

(Continued)

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Patient Status		Year									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MELD 6-10											
	Patients	-	-	-	-	-	-	3,088	7,333	7,273	7,312
	Deaths	-	-	-	-	-	-	104	229	218	217
	Rate	-	-	-	-	-	-	19.3	36.4	34.8	34.0
MELD 11-20											
	Patients	-	-	-	-	1	-	6,519	11,046	11,483	11,750
	Deaths	-	-	-	-	-	-	357	756	793	783
	Rate	-	-	-	-	*	-	57.0	100.5	100.4	97.2
MELD 21-30											
	Patients	-	-	-	-	1	-	1,891	2,457	2,671	2,817
	Deaths	-	-	-	-	-	-	312	441	430	418
	Rate	-	-	-	-	*	-	627.2	735.0	660.3	642.9
MELD >30											
	Patients	-	-	-	-	-	-	921	1,097	1,341	1,398
	Deaths	-	-	-	-	-	-	373	399	453	444
	Rate	-	-	-	-	-	-	5,791.4	4,609.7	4,634.1	4,220.3
PELD <11											
	Patients	-	-	-	-	-	-	403	771	750	643
	Deaths	-	-	-	-	-	-	5	15	9	8
	Rate	-	-	-	-	-	-	11.6	30.2	18.8	25.3
PELD 11-20											
	Patients	-	-	-	-	-	-	165	232	228	240
	Deaths	-	-	-	-	-	-	16	18	15	13
	Rate	-	-	-	-	-	-	186.7	183.4	160.6	134.3
PELD 21-30											
	Patients	-	-	-	-	-	-	111	122	127	135
	Deaths	-	-	-	-	-	-	18	18	18	18
	Rate	-	-	-	-	-	-	608.4	469.3	402.5	381.0
PELD >30											
	Patients	-	-	-	-	-	-	40	54	56	58
	Deaths	-	-	-	-	-	-	13	7	10	17
	Rate	-	-	-	-	-	-	1,782.4	377.8	620.0	1,848.0
HCC T1											
	Patients	-	-	-	-	-	-	116	123	77	36
	Deaths	-	-	-	-	-	-	4	3	6	2
	Rate	-	-	-	-	-	-	55.5	48.5	165.1	90.2

(Continued)

Source: OPTN/SRTR Data as of May 1, 2006.
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, 1996 to 2005
Liver Waiting List

Patient Status	Year									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
HCC T2										
Patients	-	-	-	-	-	-	474	612	708	764
Deaths	-	-	-	-	-	-	11	31	37	36
Rate	-	-	-	-	-	-	85.2	184.1	201.4	148.7
Other Exceptions										
Patients	-	-	-	-	-	-	87	186	192	264
Deaths	-	-	-	-	-	-	5	16	19	21
Rate	-	-	-	-	-	-	83.7	154.6	141.6	120.4
Other Status										
Patients	1,507	1,638	2,422	2,598	2,936	3,686	2,622	1,306	1,096	820
Deaths	186	224	332	381	414	514	251	79	59	54
Rate	231.9	144.7	199.6	211.1	208.1	200.8	162.6	81.5	73.7	82.0

Source: OPTN/SRTR Data as of May 1, 2006.
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.