

Table 9.14a
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.									
Total												
All	10,369	94.6%	0.2%	10,369	88.9%	0.3%	30,505	73.6%	0.3%	50,506	60.4%	0.3%
Age at Tx												
<1 Year	225	94.2%	1.6%	225	92.0%	1.8%	658	86.1%	1.5%	1,174	81.6%	1.3%
1-5 Years	289	95.5%	1.2%	289	93.1%	1.5%	778	87.8%	1.3%	1,336	83.4%	1.3%
6-11 Years	112	97.3%	1.5%	112	96.4%	1.8%	368	87.6%	1.9%	666	83.2%	1.7%
12-17 Years	159	95.0%	1.7%	159	91.8%	2.2%	489	87.1%	1.7%	906	73.5%	2.1%
18-34 Years	498	95.4%	0.9%	498	92.0%	1.2%	1,530	78.1%	1.2%	2,643	68.2%	1.2%
35-49 Years	1,999	95.9%	0.4%	1,999	90.7%	0.6%	6,992	76.3%	0.6%	13,871	62.3%	0.5%
50-64 Years	5,989	94.1%	0.3%	5,989	88.1%	0.4%	16,631	71.7%	0.4%	25,346	57.4%	0.5%
65+ Years	1,098	93.4%	0.7%	1,098	85.6%	1.1%	3,059	64.6%	1.0%	4,564	44.5%	1.2%
Recipient Ethnicity/Race												
White	7,313	94.6%	0.3%	7,313	88.9%	0.4%	21,778	73.6%	0.4%	36,680	59.8%	0.4%
African American	965	93.6%	0.8%	965	87.4%	1.1%	2,885	67.6%	1.0%	4,628	55.6%	1.1%
Hispanic/Latino	1,438	95.3%	0.6%	1,438	89.4%	0.8%	4,069	76.3%	0.8%	6,484	64.8%	0.9%
Asian	558	94.8%	0.9%	558	90.7%	1.2%	1,489	77.9%	1.3%	2,306	69.5%	1.3%
Other/Multi-race	95	90.5%	3.0%	95	88.4%	3.3%	284	75.7%	2.9%	408	66.0%	3.4%
Recipient Gender												
Female	3,456	94.0%	0.4%	3,456	88.9%	0.5%	10,288	75.2%	0.5%	17,660	62.0%	0.5%
Male	6,913	94.8%	0.3%	6,913	88.9%	0.4%	20,217	72.8%	0.4%	32,846	59.6%	0.4%
Recipient Blood Type												
O	4,745	94.4%	0.3%	4,745	89.0%	0.5%	13,632	74.1%	0.4%	21,978	60.9%	0.5%
A	3,740	94.8%	0.4%	3,740	89.0%	0.5%	11,272	72.8%	0.5%	19,294	59.5%	0.5%
B	1,356	94.4%	0.6%	1,356	88.2%	0.9%	4,047	73.8%	0.8%	6,654	60.2%	0.9%
AB	528	94.5%	1.0%	528	89.0%	1.4%	1,554	74.4%	1.3%	2,580	64.3%	1.3%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.

Table 9.14a (Continued)
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.									
Total												
All	10,369	94.6%	0.2%	10,369	88.9%	0.3%	30,505	73.6%	0.3%	50,506	60.4%	0.3%
Recipient Residency												
U.S. Resident	10,279	94.5%	0.2%	10,279	88.8%	0.3%	30,232	73.5%	0.3%	49,835	60.1%	0.3%
Nonresident Alien	90	98.9%	1.1%	90	94.4%	2.4%	273	87.2%	2.2%	634	78.8%	1.9%
Unknown	0	-	-	0	-	-	0	-	-	37	67.6%	7.7%
Hospitalized at Tx												
Not Hospitalized	7,536	96.0%	0.2%	7,536	90.9%	0.3%	22,313	74.8%	0.3%	35,705	61.3%	0.4%
Hospitalized	1,657	93.1%	0.6%	1,657	86.2%	0.8%	4,595	71.4%	0.8%	7,223	58.3%	0.9%
In Intensive Care	1,176	87.4%	1.0%	1,176	79.9%	1.2%	3,597	68.8%	0.9%	7,558	57.6%	0.7%
Unknown	0	-	-	0	-	-	0	-	-	20	60.0%	11.0%
Life Support at Tx												
No	9,770	95.3%	0.2%	9,770	89.8%	0.3%	28,703	74.2%	0.3%	46,934	60.9%	0.3%
Yes	599	82.1%	1.6%	599	74.6%	1.8%	1,802	63.8%	1.3%	3,549	53.9%	1.0%
Unknown	0	-	-	0	-	-	0	-	-	23	60.9%	10.2%
Primary Diagnosis												
Non-Cholestatic Cirrhosis	6,169	94.5%	0.3%	6,169	88.4%	0.4%	18,620	72.3%	0.4%	31,956	57.1%	0.4%
Cholestatic Liver Disease/Cirrhosis	813	95.9%	0.7%	813	92.3%	0.9%	2,530	82.8%	0.8%	4,707	71.4%	0.9%
Acute Hepatic Necrosis	582	91.6%	1.2%	582	88.1%	1.3%	1,923	74.3%	1.1%	3,509	60.9%	1.1%
Biliary Atresia	314	95.5%	1.2%	314	93.9%	1.3%	914	90.1%	1.1%	1,671	85.7%	1.0%
Metabolic Diseases	304	93.8%	1.4%	304	91.1%	1.6%	972	82.6%	1.4%	1,666	74.7%	1.5%
Malignant Neoplasms	1,865	95.5%	0.5%	1,865	88.5%	0.7%	4,127	66.5%	1.0%	4,821	53.1%	1.7%
Other	322	91.6%	1.5%	322	87.3%	1.9%	1,419	73.1%	1.3%	2,176	64.8%	1.5%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.

Table 9.14a (Continued)
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	10,369	94.6%	0.2%	10,369	88.9%	0.3%	30,505	73.6%	0.3%	50,506	60.4%	0.3%
Waiting List Status at Tx												
1	0	-	-	0	-	-	914	76.8%	1.4%	2,501	67.5%	1.1%
1A	527	89.8%	1.3%	527	86.9%	1.5%	905	+	+	905	+	+
1B	103	92.2%	2.6%	103	88.3%	3.2%	145	+	+	145	+	+
2A	0	-	-	0	-	-	0	-	-	3,406	54.5%	0.9%
2B	0	-	-	0	-	-	0	-	-	9,689	60.2%	0.5%
3	0	-	-	0	-	-	0	-	-	1,914	64.1%	1.1%
MELD 6-10	332	96.1%	1.1%	332	89.8%	1.7%	1,100	67.6%	1.7%	1,257	+	+
MELD 11-14	532	96.2%	0.8%	532	90.4%	1.3%	1,979	75.2%	1.1%	2,327	+	+
MELD 15-20	1,910	96.1%	0.4%	1,910	91.8%	0.6%	6,130	77.5%	0.6%	6,860	+	+
MELD 21-30	2,304	95.0%	0.5%	2,304	88.9%	0.7%	6,654	73.1%	0.6%	7,247	+	+
MELD >30	1,411	90.8%	0.8%	1,411	82.5%	1.0%	3,856	67.7%	0.9%	4,213	+	+
PELD <11	73	100.0%	0.0%	73	100.0%	0.0%	315	95.3%	1.3%	389	+	+
PELD 11-14	25	92.0%	5.4%	25	88.0%	6.5%	93	87.6%	3.5%	117	+	+
PELD 15-20	62	100.0%	0.0%	62	100.0%	0.0%	153	89.0%	3.2%	170	+	+
PELD 21-30	69	92.8%	3.1%	69	85.5%	4.2%	174	82.1%	3.3%	201	+	+
PELD >30	37	94.6%	3.7%	37	94.6%	3.7%	80	76.7%	6.5%	87	+	+
HCC T1	10	100.0%	0.0%	10	80.0%	12.6%	213	71.2%	3.1%	360	+	+
HCC T2	1,985	95.5%	0.5%	1,985	89.5%	0.7%	5,226	68.4%	0.8%	5,919	+	+
Other Exceptions	989	94.8%	0.7%	989	89.8%	1.0%	2,563	77.4%	1.0%	2,777	+	+
Other Status	0	-	-	0	-	-	5	60.0%	21.9%	22	63.6%	11.9%
Yearly Center Volume												
0-9	136	89.0%	2.7%	136	83.1%	3.2%	599	76.9%	2.1%	1,390	63.7%	1.7%
10-19	445	94.2%	1.1%	445	87.6%	1.6%	1,458	77.2%	1.3%	2,575	66.3%	1.4%
20-34	946	95.2%	0.7%	946	91.2%	0.9%	2,694	75.3%	1.0%	6,440	60.8%	0.9%
35-56	1,620	94.3%	0.6%	1,620	88.2%	0.8%	5,670	73.5%	0.7%	9,618	59.7%	0.7%
57+	7,222	94.7%	0.3%	7,222	88.9%	0.4%	20,084	73.0%	0.4%	30,483	60.0%	0.4%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.

Table 9.14a (Continued)
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	10,369	94.6%	0.2%	10,369	88.9%	0.3%	30,505	73.6%	0.3%	50,506	60.4%	0.3%
Cold Ischemic Time												
0-5 Hours	3,307	95.5%	0.4%	3,307	90.2%	0.5%	8,465	76.8%	0.6%	12,241	63.3%	0.7%
6-10 Hours	5,565	94.6%	0.3%	5,565	88.6%	0.4%	15,988	73.5%	0.4%	25,854	61.0%	0.4%
11-15 Hours	812	92.0%	1.0%	812	86.7%	1.2%	2,811	69.3%	1.0%	5,382	56.8%	0.9%
16-20 Hours	70	92.9%	3.1%	70	80.0%	4.8%	247	69.8%	3.3%	537	53.2%	2.9%
21+ Hours	56	96.4%	2.5%	56	89.3%	4.1%	173	76.9%	3.8%	317	60.8%	3.7%
Unknown	559	92.3%	1.1%	559	88.9%	1.3%	2,821	69.5%	1.0%	6,175	57.3%	0.8%
Donor Age												
<1 Year	91	90.1%	3.1%	91	89.0%	3.3%	248	85.6%	2.4%	453	78.6%	2.3%
1-5 Years	212	95.8%	1.4%	212	93.9%	1.6%	656	89.8%	1.3%	1,233	85.6%	1.1%
6-11 Years	202	94.1%	1.7%	202	89.6%	2.1%	590	84.1%	1.7%	1,258	73.6%	1.6%
12-17 Years	699	97.1%	0.6%	699	93.1%	1.0%	2,237	81.6%	0.9%	4,246	67.3%	1.0%
18-34 Years	3,041	95.2%	0.4%	3,041	90.5%	0.5%	8,667	77.2%	0.5%	14,574	64.6%	0.6%
35-49 Years	2,582	94.6%	0.4%	2,582	88.6%	0.6%	7,731	73.2%	0.6%	12,764	58.6%	0.6%
50-64 Years	2,589	94.0%	0.5%	2,589	87.3%	0.7%	7,423	68.9%	0.6%	11,455	53.6%	0.7%
65+ Years	953	92.1%	0.9%	953	84.5%	1.2%	2,953	62.7%	1.1%	4,521	47.3%	1.2%
Unknown	0	-	-	0	-	-	0	-	-	2	100.0%	0.0%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.

Table 9.14a (Continued)
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	10,369	94.6%	0.2%	10,369	88.9%	0.3%	30,505	73.6%	0.3%	50,506	60.4%	0.3%
Transplant Center State												
Alabama	190	95.8%	1.5%	190	90.5%	2.1%	498	76.8%	2.3%	916	63.3%	2.2%
Arkansas	50	96.0%	2.8%	50	94.0%	3.4%	89	68.7%	15.9%	89	+	+
Arizona	212	96.7%	1.2%	212	91.0%	2.0%	486	76.5%	2.4%	688	62.0%	3.3%
California	1,182	94.8%	0.6%	1,182	89.5%	0.9%	3,524	75.7%	0.8%	6,081	64.3%	0.8%
Colorado	156	94.2%	1.9%	156	88.5%	2.6%	448	80.9%	2.2%	751	71.7%	2.4%
Connecticut	75	93.3%	2.9%	75	88.0%	3.8%	177	71.5%	4.3%	325	59.3%	3.6%
District of Columbia	109	93.6%	2.3%	109	91.7%	2.6%	300	72.9%	3.1%	436	62.3%	3.2%
Delaware	7	85.7%	13.2%	7	71.4%	17.1%	31	79.2%	7.7%	47	+	+
Florida	1,011	96.3%	0.6%	1,011	90.1%	0.9%	2,904	75.0%	1.0%	4,869	61.1%	1.0%
Georgia	257	95.7%	1.3%	257	90.3%	1.8%	668	69.0%	2.3%	1,011	56.6%	2.4%
Hawaii	25	92.0%	5.4%	25	88.0%	6.5%	74	71.2%	6.3%	122	69.6%	5.2%
Iowa	45	97.8%	2.2%	45	95.6%	3.1%	141	84.2%	3.4%	327	63.5%	3.7%
Illinois	366	91.0%	1.5%	366	83.3%	1.9%	1,217	70.6%	1.4%	2,029	57.8%	1.5%
Indiana	220	95.0%	1.5%	220	88.2%	2.2%	785	72.5%	1.9%	1,122	57.8%	2.7%
Kansas	122	94.3%	2.1%	122	93.4%	2.2%	265	77.4%	3.7%	427	61.1%	3.7%
Kentucky	152	91.4%	2.3%	152	84.9%	2.9%	465	70.8%	2.4%	716	59.7%	2.7%
Louisiana	247	96.0%	1.3%	247	92.3%	1.7%	777	73.6%	1.8%	1,265	58.4%	2.0%
Massachusetts	200	90.5%	2.1%	200	84.5%	2.6%	669	71.3%	2.0%	1,218	57.8%	1.9%
Maryland	175	92.0%	2.1%	175	78.9%	3.1%	448	63.0%	2.7%	705	53.7%	2.6%
Michigan	327	96.3%	1.0%	327	90.5%	1.6%	923	74.4%	1.7%	1,457	62.0%	1.9%
Minnesota	225	94.2%	1.6%	225	89.8%	2.0%	688	77.0%	1.8%	1,248	65.5%	1.9%
Missouri	255	94.1%	1.5%	255	89.4%	1.9%	720	75.7%	2.0%	1,130	64.1%	2.0%
North Carolina	226	93.8%	1.6%	226	85.4%	2.3%	646	71.1%	2.1%	1,167	59.9%	1.9%
Nebraska	129	96.1%	1.7%	129	89.9%	2.7%	429	76.7%	2.3%	807	65.4%	2.1%
New Jersey	127	96.9%	1.5%	127	91.3%	2.5%	428	73.8%	2.4%	768	62.8%	2.3%
New Mexico	0	-	-	0	-	-	0	-	-	27	66.7%	9.1%
New York	753	91.6%	1.0%	753	84.7%	1.3%	2,470	64.6%	1.2%	3,870	54.2%	1.2%
Ohio	429	95.8%	1.0%	429	91.4%	1.4%	1,198	72.8%	1.6%	1,883	61.0%	1.6%
Oklahoma	107	94.4%	2.2%	107	91.6%	2.7%	331	78.5%	2.6%	563	69.9%	2.8%
Oregon	103	100.0%	0.0%	103	93.2%	2.5%	281	82.5%	2.6%	508	62.4%	3.1%
Pennsylvania	749	94.7%	0.8%	749	87.4%	1.2%	2,392	70.7%	1.1%	4,103	55.8%	1.1%
South Carolina	111	92.8%	2.5%	111	86.5%	3.2%	282	79.7%	2.8%	554	55.0%	3.1%
Tennessee	360	94.7%	1.2%	360	90.3%	1.6%	817	72.4%	2.1%	1,257	57.9%	2.1%
Texas	923	94.9%	0.7%	923	90.5%	1.0%	2,709	75.7%	1.0%	4,362	61.5%	1.1%
Utah	110	95.5%	2.0%	110	90.0%	2.9%	308	82.3%	2.4%	493	69.3%	3.5%

(Continued)

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.

Table 9.14a (Continued)
Unadjusted Patient Survival, Deceased Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.									
Transplant Center State												
Virginia	217	92.2%	1.8%	217	88.0%	2.2%	563	75.9%	2.1%	931	51.3%	2.6%
Washington	191	97.9%	1.0%	191	93.7%	1.8%	664	78.1%	1.9%	1,035	60.8%	2.6%
Wisconsin	226	92.5%	1.8%	226	87.6%	2.2%	690	77.2%	1.9%	1,199	62.2%	2.1%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on liver transplants.

Multi-organ transplants are excluded.

Medical urgency status codes have changed over time. See Technical Notes chapter for further information.