

Table 15.3
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Heart										
Number of Registrations	3,939	3,542	3,448	3,400	3,230	2,939	2,881	2,833	3,034	3,110
10th Percentile of TT (Days)	24	18	15	14	14	14	12	10	9	8
25th Percentile of TT (Days)	74	73	57	51	46	44	38	33	26	25
Median TT (Days)	373	359	327	264	230	209	166	130	110	113
Median TT 95% C.I. Lower Bound	321	314	290	232	207	181	153	120	100	104
Median TT 95% C.I. Upper Bound	426	411	368	300	259	233	184	149	124	126

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

Notes:

(+) = Not determined due to insufficient follow-up; fewer than this percentile have transplanted.

TT = Time to Transplant in days.

This table takes a cohort of waiting list registrations and shows how long it takes for 10%, 25%, and 50% (the median) of those patients to be transplanted. These tables take the point of view of a patient who has just been registered on a waiting list and take into account all of the things that can happen to the patient after wait listing, including receiving a transplant, being removed from the waiting list, and dying.

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Table 15.3 (Continued)
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Age at Registration	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<1 Year										
Number of Registrations	179	136	141	178	186	132	168	140	168	169
10th Percentile of TT (Days)	10	16	7	11	19	9	12	14	7	8
25th Percentile of TT (Days)	31	46	22	45	55	27	40	39	21	21
Median TT (Days)	1,389	256	143	+	+	107	154	151	65	127
Median TT 95% C.I. Lower Bound	124	126	60	+	+	75	94	93	48	71
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	+	+	157	+
1-5 Years										
Number of Registrations	91	100	97	117	116	94	99	95	100	114
10th Percentile of TT (Days)	9	14	8	6	12	9	7	13	6	15
25th Percentile of TT (Days)	23	31	30	19	27	58	21	35	27	40
Median TT (Days)	79	146	171	95	124	645	57	134	71	112
Median TT 95% C.I. Lower Bound	48	79	88	49	59	112	42	81	56	85
Median TT 95% C.I. Upper Bound	238	459	461	321	375	+	124	278	159	259
6-11 Years										
Number of Registrations	71	75	62	59	92	91	76	75	74	69
10th Percentile of TT (Days)	10	14	12	4	7	9	8	8	9	6
25th Percentile of TT (Days)	26	42	21	17	22	20	22	15	29	19
Median TT (Days)	55	129	70	39	84	61	112	88	102	56
Median TT 95% C.I. Lower Bound	44	67	45	25	35	39	72	40	58	40
Median TT 95% C.I. Upper Bound	156	333	105	92	163	91	358	219	167	106
12-17 Years										
Number of Registrations	125	120	116	125	115	134	116	145	138	126
10th Percentile of TT (Days)	19	11	6	10	8	9	8	5	6	5
25th Percentile of TT (Days)	51	30	22	31	22	24	21	13	14	10
Median TT (Days)	149	140	110	137	92	75	70	64	52	39
Median TT 95% C.I. Lower Bound	98	84	65	89	64	56	53	41	29	31
Median TT 95% C.I. Upper Bound	224	283	168	316	179	125	120	88	107	62
18-34 Years										
Number of Registrations	309	312	279	337	329	309	337	323	311	325
10th Percentile of TT (Days)	18	15	12	14	13	20	12	9	8	7
25th Percentile of TT (Days)	74	63	49	46	45	50	46	37	25	20
Median TT (Days)	403	337	278	248	211	218	217	129	133	98
Median TT 95% C.I. Lower Bound	267	209	159	185	142	157	158	113	92	64
Median TT 95% C.I. Upper Bound	583	853	547	331	362	307	346	185	181	131

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

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TT = Time to Transplant in days.

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Table 15.3 (Continued)
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

Age at Registration	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
35-49 Years										
Number of Registrations	846	728	762	717	669	640	589	565	637	641
10th Percentile of TT (Days)	37	23	22	14	19	13	13	13	9	9
25th Percentile of TT (Days)	109	87	70	58	54	49	48	43	32	30
Median TT (Days)	590	483	398	269	275	217	217	141	137	123
Median TT 95% C.I. Lower Bound	448	333	306	216	220	164	171	114	111	107
Median TT 95% C.I. Upper Bound	806	698	560	416	352	301	264	169	180	158
50-64 Years										
Number of Registrations	2,041	1,782	1,716	1,618	1,476	1,316	1,283	1,243	1,332	1,334
10th Percentile of TT (Days)	30	21	17	19	15	16	13	9	10	9
25th Percentile of TT (Days)	90	81	73	70	59	51	47	35	27	27
Median TT (Days)	416	386	377	304	255	261	175	163	122	128
Median TT 95% C.I. Lower Bound	356	340	326	260	223	220	153	141	103	111
Median TT 95% C.I. Upper Bound	482	448	446	361	297	328	198	191	148	156
65+ Years										
Number of Registrations	276	288	275	247	239	221	210	246	272	332
10th Percentile of TT (Days)	19	18	16	9	12	12	6	8	6	7
25th Percentile of TT (Days)	55	79	54	35	35	39	22	25	24	19
Median TT (Days)	191	261	312	137	135	157	85	74	76	103
Median TT 95% C.I. Lower Bound	142	180	207	100	89	100	57	63	63	68
Median TT 95% C.I. Upper Bound	283	513	470	273	194	233	149	94	104	161
Unknown										
Number of Registrations	1	1	0	2	8	2	3	1	2	0
10th Percentile of TT (Days)	74	+	+	240	26	+	86	49	17	+
25th Percentile of TT (Days)	74	+	+	240	133	+	86	49	17	+
Median TT (Days)	74	+	+	240	160	+	94	49	17	+
Median TT 95% C.I. Lower Bound	+	+	+	240	143	+	86	+	17	+
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	+	+	+	+

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

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TT = Time to Transplant in days.

This table takes a cohort of waiting list registrations and shows how long it takes for 10%, 25%, and 50% (the median) of those patients to be transplanted. These tables take the point of view of a patient who has just been registered on a waiting list and take into account all of the things that can happen to the patient after wait listing, including receiving a transplant, being removed from the waiting list, and dying.

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Table 15.3 (Continued)
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

Ethnicity/Race	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
White										
Number of Registrations	3,058	2,737	2,660	2,522	2,323	2,046	1,992	1,935	2,082	2,088
10th Percentile of TT (Days)	27	21	15	15	14	14	12	10	9	8
25th Percentile of TT (Days)	80	76	61	55	47	44	41	34	29	25
Median TT (Days)	383	374	357	272	225	218	172	129	124	119
Median TT 95% C.I. Lower Bound	329	328	308	239	203	190	156	116	110	105
Median TT 95% C.I. Upper Bound	433	443	411	313	255	253	196	151	141	137
African American										
Number of Registrations	552	520	477	496	529	520	531	543	568	590
10th Percentile of TT (Days)	21	13	17	14	16	16	10	11	9	9
25th Percentile of TT (Days)	70	68	62	50	50	49	33	38	22	29
Median TT (Days)	343	329	325	289	280	201	175	142	97	112
Median TT 95% C.I. Lower Bound	260	231	229	207	184	135	133	118	78	96
Median TT 95% C.I. Upper Bound	596	457	484	483	382	269	254	179	123	131
Hispanic/Latino										
Number of Registrations	237	214	229	272	259	276	251	241	270	309
10th Percentile of TT (Days)	14	13	17	12	14	9	12	7	6	7
25th Percentile of TT (Days)	39	60	50	36	42	40	34	30	20	21
Median TT (Days)	308	348	210	164	184	154	138	161	77	110
Median TT 95% C.I. Lower Bound	190	247	143	121	141	105	101	108	58	70
Median TT 95% C.I. Upper Bound	1,315	958	346	346	330	280	248	311	104	182
Asian										
Number of Registrations	66	59	69	96	87	75	79	86	86	92
10th Percentile of TT (Days)	6	9	7	12	11	8	5	6	6	6
25th Percentile of TT (Days)	35	42	12	38	31	31	18	13	20	14
Median TT (Days)	356	117	106	155	203	125	90	59	57	40
Median TT 95% C.I. Lower Bound	76	59	43	90	77	87	51	33	41	30
Median TT 95% C.I. Upper Bound	+	237	207	290	+	848	184	110	98	77
Other/Multi-race										
Number of Registrations	24	12	13	14	31	22	28	28	28	31
10th Percentile of TT (Days)	8	20	10	24	39	19	5	9	17	5
25th Percentile of TT (Days)	23	79	40	93	124	67	19	35	69	63
Median TT (Days)	447	262	136	480	+	114	140	182	416	+
Median TT 95% C.I. Lower Bound	97	145	40	112	+	70	44	46	84	+
Median TT 95% C.I. Upper Bound	+	+	345	+	+	800	380	+	+	+
Unknown										
Number of Registrations	2	0	0	0	1	0	0	0	0	0
10th Percentile of TT (Days)	2	+	+	+	+	+	+	+	+	+
25th Percentile of TT (Days)	2	+	+	+	+	+	+	+	+	+
Median TT (Days)	2	+	+	+	+	+	+	+	+	+
Median TT 95% C.I. Lower Bound	2	+	+	+	+	+	+	+	+	+
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	+	+	+	+

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Table 15.3 (Continued)
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

Gender	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female										
Number of Registrations	996	953	891	895	911	809	811	782	815	847
10th Percentile of TT (Days)	18	14	10	11	10	13	9	8	8	7
25th Percentile of TT (Days)	53	55	42	38	34	41	30	28	26	23
Median TT (Days)	267	250	237	174	179	148	142	121	98	107
Median TT 95% C.I. Lower Bound	222	197	186	145	149	122	112	100	84	90
Median TT 95% C.I. Upper Bound	343	344	301	228	240	214	170	151	127	141
Male										
Number of Registrations	2,943	2,589	2,557	2,505	2,319	2,130	2,070	2,051	2,219	2,263
10th Percentile of TT (Days)	27	21	17	15	16	14	13	10	9	8
25th Percentile of TT (Days)	86	80	65	58	56	46	41	37	26	26
Median TT (Days)	421	389	364	302	247	222	179	138	115	116
Median TT 95% C.I. Lower Bound	367	341	323	262	222	200	159	122	103	104
Median TT 95% C.I. Upper Bound	481	452	424	349	290	263	203	157	131	129

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Table 15.3 (Continued)
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

Blood Type	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
O										
Number of Registrations	1,738	1,576	1,517	1,504	1,367	1,291	1,300	1,272	1,344	1,352
10th Percentile of TT (Days)	39	33	27	28	26	22	20	19	17	14
25th Percentile of TT (Days)	133	124	112	95	87	76	68	61	52	49
Median TT (Days)	764	853	771	583	416	447	313	278	211	241
Median TT 95% C.I. Lower Bound	585	678	597	464	340	361	267	238	183	187
Median TT 95% C.I. Upper Bound	1,065	1,209	1,297	757	529	606	376	354	250	316
A										
Number of Registrations	1,553	1,415	1,362	1,318	1,334	1,132	1,080	1,070	1,158	1,219
10th Percentile of TT (Days)	20	14	11	11	10	10	8	6	6	6
25th Percentile of TT (Days)	59	51	41	36	36	33	25	22	19	18
Median TT (Days)	265	224	222	166	145	137	115	86	69	83
Median TT 95% C.I. Lower Bound	213	196	189	135	120	120	98	76	60	73
Median TT 95% C.I. Upper Bound	314	262	278	200	165	167	140	101	84	96
B										
Number of Registrations	478	407	413	423	407	398	375	373	398	417
10th Percentile of TT (Days)	21	19	15	11	11	12	10	10	7	7
25th Percentile of TT (Days)	63	54	47	37	36	35	31	23	18	18
Median TT (Days)	306	263	152	165	163	123	108	90	67	70
Median TT 95% C.I. Lower Bound	213	196	125	134	124	104	81	74	53	55
Median TT 95% C.I. Upper Bound	481	417	221	232	241	177	143	108	97	98
AB										
Number of Registrations	170	144	156	155	122	118	126	118	134	122
10th Percentile of TT (Days)	7	6	6	7	6	8	8	6	5	4
25th Percentile of TT (Days)	25	16	15	17	23	18	18	9	11	8
Median TT (Days)	85	81	68	57	84	56	56	31	36	26
Median TT 95% C.I. Lower Bound	67	60	39	40	43	37	43	18	22	17
Median TT 95% C.I. Upper Bound	141	135	143	81	235	92	93	45	52	36

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Table 15.3 (Continued)
Time to Transplant, 1998 to 2007
New Heart Waiting List Registrations

Previous Any Organ Tx	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
No										
Number of Registrations	3,785	3,397	3,292	3,233	3,083	2,794	2,745	2,671	2,879	2,938
10th Percentile of TT (Days)	24	18	15	15	15	14	12	10	8	8
25th Percentile of TT (Days)	73	72	58	50	46	43	37	33	26	25
Median TT (Days)	368	341	327	251	224	203	163	126	109	112
Median TT 95% C.I. Lower Bound	316	299	289	220	203	176	150	116	97	102
Median TT 95% C.I. Upper Bound	421	389	366	287	252	231	182	145	121	123
Yes										
Number of Registrations	154	145	156	167	147	145	136	162	155	172
10th Percentile of TT (Days)	30	15	7	11	9	9	16	8	10	7
25th Percentile of TT (Days)	112	110	40	67	76	58	70	41	31	30
Median TT (Days)	559	+	549	+	678	362	263	290	204	213
Median TT 95% C.I. Lower Bound	321	+	152	+	290	191	169	150	102	97
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	1,094	824	386	+

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Table 15.3 (Continued)
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Residency	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
U.S. Resident										
Number of Registrations	3,894	3,497	3,428	3,370	3,189	2,923	2,855	2,810	3,008	3,088
10th Percentile of TT (Days)	24	18	15	14	14	14	12	10	9	8
25th Percentile of TT (Days)	75	73	58	53	47	44	38	34	26	26
Median TT (Days)	378	359	329	269	230	211	168	131	111	115
Median TT 95% C.I. Lower Bound	330	314	293	237	206	184	154	120	101	105
Median TT 95% C.I. Upper Bound	432	411	371	306	259	237	186	150	124	127
Nonresident Alien										
Number of Registrations	32	33	19	30	31	16	26	21	25	21
10th Percentile of TT (Days)	4	11	7	9	6	3	4	6	2	4
25th Percentile of TT (Days)	10	34	11	19	13	7	11	8	20	14
Median TT (Days)	35	59	43	56	59	19	36	48	68	25
Median TT 95% C.I. Lower Bound	18	46	18	25	19	8	16	17	22	16
Median TT 95% C.I. Upper Bound	97	+	+	139	+	60	164	158	366	77
Unknown										
Number of Registrations	13	12	1	0	10	0	0	2	1	1
10th Percentile of TT (Days)	76	63	+	+	+	+	+	294	+	+
25th Percentile of TT (Days)	117	481	+	+	+	+	+	294	+	+
Median TT (Days)	589	+	+	+	+	+	+	294	+	+
Median TT 95% C.I. Lower Bound	145	+	+	+	+	+	+	294	+	+
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	+	+	+	+

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Table 15.3 (Continued)
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Heart Beginning Status	Year of Waiting List Registration									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1										
Number of Registrations	1,639	85	0	0	0	0	0	0	0	0
10th Percentile of TT (Days)	11	17	+	+	+	+	+	+	+	+
25th Percentile of TT (Days)	33	37	+	+	+	+	+	+	+	+
Median TT (Days)	114	139	+	+	+	+	+	+	+	+
Median TT 95% C.I. Lower Bound	99	94	+	+	+	+	+	+	+	+
Median TT 95% C.I. Upper Bound	131	643	+	+	+	+	+	+	+	+
1A										
Number of Registrations	0	779	885	902	944	787	760	735	739	866
10th Percentile of TT (Days)	+	7	5	6	6	5	5	4	4	4
25th Percentile of TT (Days)	+	19	17	18	19	16	15	11	10	9
Median TT (Days)	+	99	94	97	91	69	65	53	41	32
Median TT 95% C.I. Lower Bound	+	79	77	78	74	54	57	47	33	27
Median TT 95% C.I. Upper Bound	+	153	127	130	124	86	83	64	50	42
1B										
Number of Registrations	1	694	712	776	734	740	759	782	920	923
10th Percentile of TT (Days)	+	11	15	13	12	10	9	9	8	8
25th Percentile of TT (Days)	+	37	35	30	31	30	26	23	20	20
Median TT (Days)	+	120	114	94	84	92	91	81	65	66
Median TT 95% C.I. Lower Bound	+	104	97	82	76	81	76	70	58	60
Median TT 95% C.I. Upper Bound	+	137	142	114	107	108	116	95	75	78
2										
Number of Registrations	2,259	1,940	1,791	1,661	1,477	1,335	1,268	1,206	1,244	1,179
10th Percentile of TT (Days)	60	61	48	45	42	42	31	26	22	27
25th Percentile of TT (Days)	176	170	150	130	127	117	93	76	63	86
Median TT (Days)	670	734	641	495	462	460	327	239	234	339
Median TT 95% C.I. Lower Bound	592	619	566	429	407	386	283	211	213	285
Median TT 95% C.I. Upper Bound	764	868	766	590	526	543	385	283	264	+
Other										
Number of Registrations	40	44	60	61	75	77	94	110	131	142
10th Percentile of TT (Days)	70	41	24	35	79	36	28	25	16	25
25th Percentile of TT (Days)	260	82	109	167	177	69	81	59	49	84
Median TT (Days)	+	250	2,995	+	+	1,083	429	217	259	+
Median TT 95% C.I. Lower Bound	+	123	271	+	+	236	265	122	161	+
Median TT 95% C.I. Upper Bound	+	+	+	+	+	+	+	+	+	+

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(+) = Not determined due to insufficient follow-up; fewer than this percentile have transplanted.

TT = Time to Transplant in days.

This table takes a cohort of waiting list registrations and shows how long it takes for 10%, 25%, and 50% (the median) of those patients to be transplanted. These tables take the point of view of a patient who has just been registered on a waiting list and take into account all of the things that can happen to the patient after wait listing, including receiving a transplant, being removed from the waiting list, and dying.

See Technical Notes for a full discussion of the methods used for this table.