

Table 11.4
Transplant Recipient Characteristics, 1999 to 2008
Heart Recipients

	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	2,188	2,199	2,202	2,155	2,057	2,015	2,125	2,193	2,209	2,163
Age at Transplant										
<1 Year	60	73	64	71	82	72	81	89	87	100
1-5 Years	66	58	82	79	48	73	68	73	75	102
6-11 Years	50	59	42	58	70	55	49	50	59	65
12-17 Years	76	83	85	80	87	91	116	102	106	99
18-34 Years	183	168	194	204	193	212	240	230	235	205
35-49 Years	439	420	457	403	431	401	406	440	440	419
50-64 Years	1,105	1,122	1,069	1,039	972	930	956	966	961	919
65+ Years	209	216	209	221	174	181	209	243	246	254
Age at Transplant (%)										
<1 Year	2.7%	3.3%	2.9%	3.3%	4.0%	3.6%	3.8%	4.1%	3.9%	4.6%
1-5 Years	3.0%	2.6%	3.7%	3.7%	2.3%	3.6%	3.2%	3.3%	3.4%	4.7%
6-11 Years	2.3%	2.7%	1.9%	2.7%	3.4%	2.7%	2.3%	2.3%	2.7%	3.0%
12-17 Years	3.5%	3.8%	3.9%	3.7%	4.2%	4.5%	5.5%	4.7%	4.8%	4.6%
18-34 Years	8.4%	7.6%	8.8%	9.5%	9.4%	10.5%	11.3%	10.5%	10.6%	9.5%
35-49 Years	20.1%	19.1%	20.8%	18.7%	21.0%	19.9%	19.1%	20.1%	19.9%	19.4%
50-64 Years	50.5%	51.0%	48.5%	48.2%	47.3%	46.2%	45.0%	44.0%	43.5%	42.5%
65+ Years	9.6%	9.8%	9.5%	10.3%	8.5%	9.0%	9.8%	11.1%	11.1%	11.7%
Recipient Ethnicity/Race										
White	1,702	1,697	1,641	1,619	1,485	1,419	1,486	1,497	1,492	1,417
African American	322	293	314	306	337	339	375	413	425	437
Other/Multi-race	10	14	9	15	15	19	21	17	15	23
Asian	45	48	57	54	48	57	74	68	70	71
Hispanic/Latino	109	147	181	161	172	181	169	198	207	215
Recipient Ethnicity/Race (%)										
White	77.8%	77.2%	74.5%	75.1%	72.2%	70.4%	69.9%	68.3%	67.5%	65.5%
African American	14.7%	13.3%	14.3%	14.2%	16.4%	16.8%	17.6%	18.8%	19.2%	20.2%
Other/Multi-race	0.5%	0.6%	0.4%	0.7%	0.7%	0.9%	1.0%	0.8%	0.7%	1.1%
Asian	2.1%	2.2%	2.6%	2.5%	2.3%	2.8%	3.5%	3.1%	3.2%	3.3%
Hispanic/Latino	5.0%	6.7%	8.2%	7.5%	8.4%	9.0%	8.0%	9.0%	9.4%	9.9%
Recipient Gender										
Female	570	587	593	599	544	553	586	566	582	597
Male	1,618	1,612	1,609	1,556	1,513	1,462	1,539	1,627	1,627	1,566
Recipient Gender (%)										
Female	26.1%	26.7%	26.9%	27.8%	26.4%	27.4%	27.6%	25.8%	26.3%	27.6%
Male	73.9%	73.3%	73.1%	72.2%	73.6%	72.6%	72.4%	74.2%	73.7%	72.4%

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

Notes:

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Total	2,188	2,199	2,202	2,155	2,057	2,015	2,125	2,193	2,209	2,163
Recipient Blood Type										
A	938	977	956	962	856	819	882	917	894	869
AB	128	110	128	83	94	97	103	94	110	115
B	271	294	287	279	289	289	299	303	308	315
O	851	818	831	831	818	810	841	879	897	864
Recipient Blood Type (%)										
A	42.9%	44.4%	43.4%	44.6%	41.6%	40.6%	41.5%	41.8%	40.5%	40.2%
AB	5.9%	5.0%	5.8%	3.9%	4.6%	4.8%	4.8%	4.3%	5.0%	5.3%
B	12.4%	13.4%	13.0%	12.9%	14.0%	14.3%	14.1%	13.8%	13.9%	14.6%
O	38.9%	37.2%	37.7%	38.6%	39.8%	40.2%	39.6%	40.1%	40.6%	39.9%
Previous Tx Any Organ										
No	2,106	2,121	2,124	2,081	1,983	1,930	2,025	2,104	2,106	2,078
Yes	82	78	78	74	74	85	100	89	103	85
Previous Tx Any Organ (%)										
No	96.3%	96.5%	96.5%	96.6%	96.4%	95.8%	95.3%	95.9%	95.3%	96.1%
Yes	3.7%	3.5%	3.5%	3.4%	3.6%	4.2%	4.7%	4.1%	4.7%	3.9%
Previous HR/HL Tx										
No	2,109	2,126	2,130	2,086	1,984	1,940	2,027	2,111	2,112	2,082
Yes	79	73	72	69	73	75	98	82	97	81
Previous HR/HL Tx (%)										
No	96.4%	96.7%	96.7%	96.8%	96.5%	96.3%	95.4%	96.3%	95.6%	96.3%
Yes	3.6%	3.3%	3.3%	3.2%	3.5%	3.7%	4.6%	3.7%	4.4%	3.7%
Primary Payment Source										
Private Insurance	1,337	1,328	1,315	1,267	1,184	1,100	1,182	1,218	1,188	1,131
Medicaid	267	283	298	315	331	376	339	339	383	380
Medicare	439	456	449	480	437	457	476	532	514	544
Other	118	132	140	93	105	82	128	104	124	106
Unknown	27	-	-	-	-	-	-	-	-	2
Primary Payment Source (%)										
Private Insurance	61.1%	60.4%	59.7%	58.8%	57.6%	54.6%	55.6%	55.5%	53.8%	52.3%
Medicaid	12.2%	12.9%	13.5%	14.6%	16.1%	18.7%	16.0%	15.5%	17.3%	17.6%
Medicare	20.1%	20.7%	20.4%	22.3%	21.2%	22.7%	22.4%	24.3%	23.3%	25.2%
Other	5.4%	6.0%	6.4%	4.3%	5.1%	4.1%	6.0%	4.7%	5.6%	4.9%
Unknown	1.2%	-	-	-	-	-	-	-	-	0.1%

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Recipient Residency										
U.S. Resident	2,162	2,179	2,180	2,134	2,038	1,996	2,110	2,169	2,191	2,145
Nonresident Alien	21	18	21	21	19	19	15	23	18	18
Unknown	5	2	1	-	-	-	-	1	-	-
Recipient Residency (%)										
U.S. Resident	98.8%	99.1%	99.0%	99.0%	99.1%	99.1%	99.3%	98.9%	99.2%	99.2%
Nonresident Alien	1.0%	0.8%	1.0%	1.0%	0.9%	0.9%	0.7%	1.0%	0.8%	0.8%
Unknown	0.2%	0.1%	0.0%	-	-	-	-	0.0%	-	-
Hospitalized at Tx										
In Intensive Care	835	786	761	768	707	632	637	667	750	775
Hospitalized	489	451	492	441	368	381	351	331	372	356
Not Hospitalized	859	962	949	946	982	1,002	1,137	1,195	1,087	1,030
Unknown	5	-	-	-	-	-	-	-	-	2
Hospitalized at Tx (%)										
In Intensive Care	38.2%	35.7%	34.6%	35.6%	34.4%	31.4%	30.0%	30.4%	34.0%	35.8%
Hospitalized	22.3%	20.5%	22.3%	20.5%	17.9%	18.9%	16.5%	15.1%	16.8%	16.5%
Not Hospitalized	39.3%	43.7%	43.1%	43.9%	47.7%	49.7%	53.5%	54.5%	49.2%	47.6%
Unknown	0.2%	-	-	-	-	-	-	-	-	0.1%
On Life Support at Tx										
No	786	790	677	664	644	737	823	890	767	691
Yes	1,396	1,409	1,525	1,491	1,413	1,278	1,302	1,303	1,442	1,470
Unknown	6	-	-	-	-	-	-	-	-	2
On Life Support at Tx (%)										
No	35.9%	35.9%	30.7%	30.8%	31.3%	36.6%	38.7%	40.6%	34.7%	31.9%
Yes	63.8%	64.1%	69.3%	69.2%	68.7%	63.4%	61.3%	59.4%	65.3%	68.0%
Unknown	0.3%	-	-	-	-	-	-	-	-	0.1%

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Total	2,188	2,199	2,202	2,155	2,057	2,015	2,125	2,193	2,209	2,163
Type of Procedure										
Orthotopic	2,155	2,191	2,200	2,151	2,055	2,014	2,122	2,193	2,206	2,159
Heterotopic	21	6	2	4	2	1	3	-	3	2
Unknown	12	2	-	-	-	-	-	-	-	2
Type of Procedure (%)										
Orthotopic	98.5%	99.6%	99.9%	99.8%	99.9%	100.0%	99.9%	100.0%	99.9%	99.8%
Heterotopic	1.0%	0.3%	0.1%	0.2%	0.1%	0.0%	0.1%	-	0.1%	0.1%
Unknown	0.5%	0.1%	-	-	-	-	-	-	-	0.1%
Waiting List Status at Tx										
1	80	-	-	-	-	-	-	-	-	-
1A	738	874	845	855	819	819	845	915	1,100	1,169
1B	793	752	805	754	730	656	735	837	797	795
2	567	571	550	544	507	538	545	440	312	199
Other	10	2	2	2	1	2	-	1	-	-
Waiting List Status at Tx (%)										
1	3.7%	-	-	-	-	-	-	-	-	-
1A	33.7%	39.7%	38.4%	39.7%	39.8%	40.6%	39.8%	41.7%	49.8%	54.0%
1B	36.2%	34.2%	36.6%	35.0%	35.5%	32.6%	34.6%	38.2%	36.1%	36.8%
2	25.9%	26.0%	25.0%	25.2%	24.6%	26.7%	25.6%	20.1%	14.1%	9.2%
Other	0.5%	0.1%	0.1%	0.1%	0.0%	0.1%	-	0.0%	-	-

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Total	2,188	2,199	2,202	2,155	2,057	2,015	2,125	2,193	2,209	2,163
Primary Diagnosis										
Coronary Artery Disease	974	990	931	924	865	773	823	809	790	724
Cardiomyopathy	1,021	983	1,030	969	966	989	1,033	1,113	1,176	1,144
Congenital Heart Disease	135	154	175	186	174	192	196	198	177	202
Valvular Heart Disease	37	57	54	55	41	45	46	47	34	41
Other	13	5	8	14	5	10	19	23	29	51
Unknown	8	10	4	7	6	6	8	3	3	1
Primary Diagnosis (%)										
Coronary Artery Disease	44.5%	45.0%	42.3%	42.9%	42.1%	38.4%	38.7%	36.9%	35.8%	33.5%
Cardiomyopathy	46.7%	44.7%	46.8%	45.0%	47.0%	49.1%	48.6%	50.8%	53.2%	52.9%
Congenital Heart Disease	6.2%	7.0%	7.9%	8.6%	8.5%	9.5%	9.2%	9.0%	8.0%	9.3%
Valvular Heart Disease	1.7%	2.6%	2.5%	2.6%	2.0%	2.2%	2.2%	2.1%	1.5%	1.9%
Other	0.6%	0.2%	0.4%	0.6%	0.2%	0.5%	0.9%	1.0%	1.3%	2.4%
Unknown	0.4%	0.5%	0.2%	0.3%	0.3%	0.3%	0.4%	0.1%	0.1%	0.0%
Cold Ischemic Time										
0-90 Minutes	111	94	102	76	87	67	78	70	72	74
91-180 Minutes	829	771	803	770	718	713	754	737	741	697
181-270 Minutes	764	831	904	875	897	943	938	1,019	1,062	1,034
271-360 Minutes	136	158	164	173	162	162	186	212	209	232
361-480 Minutes	16	29	23	20	15	14	34	26	25	32
481+ Minutes	4	4	4	1	4	3	3	7	8	3
Unknown	328	312	202	240	174	113	132	122	92	91
Cold Ischemic Time (%)										
0-90 Minutes	5.1%	4.3%	4.6%	3.5%	4.2%	3.3%	3.7%	3.2%	3.3%	3.4%
91-180 Minutes	37.9%	35.1%	36.5%	35.7%	34.9%	35.4%	35.5%	33.6%	33.5%	32.2%
181-270 Minutes	34.9%	37.8%	41.1%	40.6%	43.6%	46.8%	44.1%	46.5%	48.1%	47.8%
271-360 Minutes	6.2%	7.2%	7.4%	8.0%	7.9%	8.0%	8.8%	9.7%	9.5%	10.7%
361-480 Minutes	0.7%	1.3%	1.0%	0.9%	0.7%	0.7%	1.6%	1.2%	1.1%	1.5%
481+ Minutes	0.2%	0.2%	0.2%	0.0%	0.2%	0.1%	0.1%	0.3%	0.4%	0.1%
Unknown	15.0%	14.2%	9.2%	11.1%	8.5%	5.6%	6.2%	5.6%	4.2%	4.2%

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