Table 13.7
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Recipient Age at Tx	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
<1 Year									
Patients	-	-	5	1	1	-	1	-	-
Deaths	-	-	5	1	1	-	1	-	-
Rate	-	-	*	*	*	-	*	-	-
1-5 Years									
Patients	5	3	2	4	1	1	-	-	2
Deaths	1	2	0	1	1	1	-	-	0
Rate	*	*	*	*	*	*	-	-	*
6-10 Years									
Patients	1	2	-	2	2	1	-	1	1
Deaths	0	1	-	2	1	0	-	0	0
Rate	*	*	-	*	*	*	-	*	*
11-17 Years									
Patients	4	-	1	4	4	4	5	5	3
Deaths	1	-	0	1	1	1	2	3	0
Rate	*	-	*	*	*	*	*	*	*
18-34 Years									
Patients	12	21	13	11	14	5	9	6	12
Deaths	5	8	9	6	3	3	2	2	4
Rate	687.1	570.8	1,791.4	996.0	242.4	*	*	*	430.1
35-49 Years									
Patients	14	27	18	18	15	13	8	15	12
Deaths	7	12	4	7	5	2	4	9	5
Rate	805.8	746.3	268.8	582.8	452.0	179.8	*	1,117.2	661.0
50-64 Years									
Patients	2	9	7	11	9	3	9	1	7
Deaths	0	2	3	3	5	0	3	0	0
Rate	*	*	*	337.6	*	*	*	*	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Ethnicity/Race	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
White									
Patients	33	45	39	47	37	22	26	19	26
Deaths	12	19	17	19	13	7	10	10	6
Rate	502.3	704.4	702.2	594.6	477.0	440.5	597.5	954.8	282.6
African American									
Patients	4	6	4	1	3	3	1	4	2
Deaths	2	3	1	0	1	0	1	1	1
Rate	*	*	*	*	*	*	*	*	*
Hispanic/Latino									
Patients	1	7	3	3	5	2	1	5	6
Deaths	0	2	3	2	2	0	0	3	2
Rate	*	*	*	*	*	*	*	*	*
Asian									
Patients	-	4	-	-	1	-	-	-	2
Deaths	-	1	-	-	1	-	-	-	0
Rate	-	*	-	-	*	-	-	-	*
Other/Multi-race									
Patients	-	-	-	-	-	-	4	-	1
Deaths	-	-	-	-	-	-	1	-	0
Rate	-	-	-	-	-	-	*	-	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Gender	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
Female									
Patients	19	39	23	30	30	17	19	17	18
Deaths	4	14	9	9	14	4	6	7	2
Rate	251.8	521.4	583.9	382.4	751.8	290.6	423.0	651.2	121.7
Male									
Patients	19	23	23	21	16	10	13	11	19
Deaths	10	11	12	12	3	3	6	7	7
Rate	901.8	884.2	880.5	1,144.9	203.5	421.2	771.2	1,251.5	521.4

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Blood Type	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
O									
Patients	14	25	12	22	25	10	14	7	18
Deaths	4	9	3	7	11	4	4	5	5
Rate	365.5	519.2	301.4	415.7	654.1	581.7	356.0	*	361.5
A									
Patients	22	27	22	20	15	14	11	15	9
Deaths	9	12	10	12	3	2	3	8	1
Rate	602.0	762.2	721.1	1,182.7	232.2	166.5	357.3	990.3	*
B									
Patients	2	8	11	6	4	1	5	3	9
Deaths	1	3	8	2	2	0	4	0	3
Rate	*	*	1,895.2	*	*	*	*	*	*
AB									
Patients	-	2	1	3	2	2	2	3	1
Deaths	-	1	0	0	1	1	1	1	0
Rate	-	*	*	*	*	*	*	*	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Residency	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
U.S. Resident									
Patients	38	61	45	49	46	26	31	26	37
Deaths	14	24	21	20	17	7	11	12	9
Rate	519.0	611.2	748.9	606.4	509.6	351.9	500.8	736.3	301.4
Nonresident Alien									
Patients	-	-	1	2	-	-	1	2	-
Deaths	-	-	0	1	-	-	1	2	-
Rate	-	-	*	*	-	-	*	*	-
Unknown									
Patients	-	1	-	-	-	1	-	-	-
Deaths	-	1	-	-	-	0	-	-	-
Rate	-	*	-	-	-	*	-	-	-

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Previous Tx Any Organ	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
No									
Patients	37	60	43	48	46	27	32	26	37
Deaths	14	23	18	21	17	7	12	12	9
Rate	539.0	586.0	629.2	677.1	509.6	335.1	546.4	734.6	301.4
Yes									
Patients	1	2	3	3	-	-	-	2	-
Deaths	0	2	3	0	-	-	-	2	-
Rate	*	*	*	*	-	-	-	*	-

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Life Support Status	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
Not on Life Support									
Patients	26	46	29	29	34	16	15	14	27
Deaths	9	19	8	10	11	4	4	5	5
Rate	451.7	653.7	363.3	488.6	433.3	327.1	347.0	513.4	220.7
On Life Support									
Patients	11	13	15	21	12	11	17	14	10
Deaths	4	5	12	10	6	3	8	9	4
Rate	567.9	613.2	2,325.5	738.1	752.4	346.4	766.7	1,362.7	554.6
Unknown									
Patients	1	3	2	1	-	-	-	-	-
Deaths	1	1	1	1	-	-	-	-	-
Rate	*	*	*	*	-	-	-	-	-

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Hospitalized at Tx	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
Not Hospitalized									
Patients	24	47	29	30	33	18	17	19	26
Deaths	9	19	10	9	9	5	4	7	4
Rate	502.0	631.9	490.6	400.7	333.6	360.9	304.0	524.8	178.9
Hospitalized									
Patients	4	-	1	4	4	5	4	2	4
Deaths	1	-	0	1	3	2	2	1	1
Rate	*	-	*	*	*	*	*	*	*
In Intensive Care									
Patients	9	12	14	16	9	4	11	7	7
Deaths	3	5	10	10	5	0	6	6	4
Rate	*	699.0	1,724.5	1,169.7	*	*	935.2	*	*
Unknown									
Patients	1	3	2	1	-	-	-	-	-
Deaths	1	1	1	1	-	-	-	-	-
Rate	*	*	*	*	-	-	-	-	-

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Primary Diagnosis	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
Congenital Disease									
Patients	21	27	17	20	21	10	9	11	10
Deaths	7	10	7	7	7	2	5	6	3
Rate	443.1	579.9	636.7	491.2	480.7	249.7	*	870.9	413.1
Primary Pulmonary Hypertension									
Patients	5	12	9	10	8	7	13	5	11
Deaths	0	4	5	3	2	1	4	0	2
Rate	*	488.3	*	426.7	*	*	438.7	*	198.2
Cystic Fibrosis									
Patients	2	3	1	1	-	-	1	1	1
Deaths	1	2	1	1	-	-	0	1	0
Rate	*	*	*	*	-	-	*	*	*
Emphysema/COPD									
Patients	2	-	4	3	3	-	-	-	1
Deaths	2	-	0	1	1	-	-	-	0
Rate	*	-	*	*	*	-	-	-	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Primary Diagnosis	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Other									
Patients	3	6	3	2	2	4	-	3	7
Deaths	2	2	1	2	2	2	-	1	2
Rate	*	*	*	*	*	*	-	*	*
Unknown									
Patients	5	14	12	15	12	6	9	8	7
Deaths	2	7	7	7	5	2	3	6	2
Rate	*	882.6	1,261.2	676.6	505.8	*	*	*	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Donor Age	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
<1 Year									
Patients	-	1	5	3	2	2	1	-	-
Deaths	-	1	4	1	2	1	1	-	-
Rate	-	*	*	*	*	*	*	-	-
1-5 Years									
Patients	5	3	2	4	1	-	-	1	2
Deaths	1	2	1	1	1	-	-	0	0
Rate	*	*	*	*	*	-	-	*	*
6-10 Years									
Patients	4	2	2	4	4	2	2	3	1
Deaths	0	0	2	4	1	0	0	2	0
Rate	*	*	*	*	*	*	*	*	*
11-17 Years									
Patients	8	13	11	8	9	4	6	3	8
Deaths	3	6	5	2	3	1	2	0	1
Rate	*	794.1	800.1	*	*	*	*	*	*
18-34 Years									
Patients	12	21	14	14	18	9	12	4	15
Deaths	5	8	5	6	5	1	5	3	4
Rate	684.8	589.0	498.9	679.1	347.5	*	661.3	*	357.0
35-49 Years									
Patients	7	18	9	14	11	9	9	11	5
Deaths	5	5	3	5	4	4	4	6	1
Rate	*	379.2	*	493.3	520.3	*	*	922.6	*
50-64 Years									
Patients	1	4	3	4	1	1	2	6	6
Deaths	0	3	1	2	1	0	0	3	3
Rate	*	*	*	*	*	*	*	*	*
65+ Years									
Patients	1	-	-	-	-	-	-	-	-
Deaths	0	-	-	-	-	-	-	-	-

(Continued)

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Donor Age	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
65+ Years									
Rate	*	-	-	-	-	-	-	-	-

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 13.7 (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 1996 to 2004
Rates for Recipients during First Year after Heart-Lung Transplantation

Cold Ischemic Time	Year of Transplant								
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total									
Patients	38	62	46	51	46	27	32	28	37
Deaths	14	25	21	21	17	7	12	14	9
Rate	519.0	636.3	723.1	617.3	509.6	335.1	546.4	856.6	301.4
0-90 Minutes									
Patients	-	-	1	2	1	-	2	-	-
Deaths	-	-	1	0	0	-	1	-	-
Rate	-	-	*	*	*	-	*	-	-
91-180 Minutes									
Patients	9	11	9	11	8	3	4	2	6
Deaths	2	2	2	1	2	1	0	2	0
Rate	*	221.1	*	98.6	*	*	*	*	*
181-270 Minutes									
Patients	12	29	20	21	24	15	14	15	18
Deaths	7	13	11	9	10	2	6	4	7
Rate	1,040.1	745.6	1,023.8	640.5	600.8	152.7	690.0	338.1	549.4
271-360 Minutes									
Patients	5	12	9	11	6	7	8	5	9
Deaths	1	6	4	5	2	3	3	2	2
Rate	*	915.2	*	785.7	*	*	*	*	*
361-480 Minutes									
Patients	4	1	1	-	1	1	1	-	-
Deaths	2	1	0	-	0	0	0	-	-
Rate	*	*	*	-	*	*	*	-	-
481+ Minutes									
Patients	1	-	-	-	1	-	-	-	-
Deaths	0	-	-	-	1	-	-	-	-
Rate	*	-	-	-	*	-	-	-	-
Unknown									
Patients	7	9	6	6	5	1	3	6	4
Deaths	2	3	3	6	2	1	2	6	0
Rate	*	*	*	*	*	*	*	*	*

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
(-) = None in category.
(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.
Multi-organ transplants are excluded.
Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.