

Table 13.3
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Age This Year		Year									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	Patients	326	299	290	260	260	224	207	182	157	149
	Deaths	48	42	42	20	29	28	21	22	15	18
	Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
<1 Year	Patients	1	3	1	-	2	2	1	-	-	-
	Deaths	-	1	1	-	1	1	-	-	-	-
	Rate	*	*	*	-	*	*	*	-	-	-
1-5 Years	Patients	18	18	12	8	7	4	6	5	2	2
	Deaths	6	3	3	-	-	-	1	2	-	-
	Rate	765.9	231.9	335.1	*	*	*	*	*	*	*
6-11 Years	Patients	9	9	12	14	11	11	9	11	8	5
	Deaths	-	1	2	-	1	-	-	1	1	-
	Rate	*	*	223.0	-	113.0	-	*	135.0	*	*
12-17 Years	Patients	28	33	21	18	16	18	18	10	13	10
	Deaths	3	10	4	3	1	3	3	-	1	1
	Rate	169.9	547.1	362.4	243.1	83.4	246.3	258.9	-	153.8	139.1
18-34 Years	Patients	92	72	79	78	75	62	54	59	42	40
	Deaths	11	9	14	7	8	7	9	9	4	8
	Rate	186.1	160.2	252.3	131.5	151.1	174.7	246.9	249.5	163.1	385.1
35-49 Years	Patients	129	120	109	90	91	78	78	56	57	50
	Deaths	17	13	14	5	13	7	4	5	8	5
	Rate	203.4	157.6	183.1	75.4	208.4	120.0	75.8	138.4	221.5	172.8
50-64 Years	Patients	49	43	55	51	57	49	40	41	33	40
	Deaths	11	5	4	5	5	10	4	5	1	4
	Rate	345.3	158.0	105.2	140.5	133.0	306.8	147.8	212.6	50.7	209.5
65+ Years	Patients	-	1	1	1	1	-	1	-	2	2
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	-	*	*	*	*	-	*	-	*	*

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

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.

Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

(-) = None in category.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Ethnicity/Race		Year									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	Patients	326	299	290	260	260	224	207	182	157	149
	Deaths	48	42	42	20	29	28	21	22	15	18
	Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
White	Patients	251	225	214	191	195	159	150	128	102	94
	Deaths	38	29	29	17	24	18	16	15	10	12
	Rate	244.1	185.5	195.9	128.2	180.1	161.3	162.5	183.8	163.5	221.1
African American	Patients	36	40	38	32	29	32	23	23	22	26
	Deaths	6	8	7	2	1	7	2	5	4	3
	Rate	249.3	328.4	265.5	85.7	48.3	350.5	127.4	395.5	296.5	290.4
Other/Multi-race	Patients	1	2	6	1	2	1	3	2	3	2
	Deaths	-	-	1	-	-	-	1	-	-	-
	Rate	*	*	*	*	*	*	*	*	*	*
Asian	Patients	7	6	6	5	8	8	9	5	8	4
	Deaths	1	2	1	-	1	-	-	-	-	1
	Rate	*	*	*	*	*	*	*	*	*	*
Hispanic/Latino	Patients	31	26	26	31	26	24	22	24	22	23
	Deaths	3	3	4	1	3	3	2	2	1	2
	Rate	143.8	153.1	189.2	45.3	168.6	189.0	125.1	142.9	61.4	140.3

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

Notes:

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Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Gender		Year									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	Patients	326	299	290	260	260	224	207	182	157	149
	Deaths	48	42	42	20	29	28	21	22	15	18
	Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
Female	Patients	189	169	165	144	149	130	115	111	90	86
	Deaths	25	22	24	12	18	17	10	17	12	11
	Rate	207.3	188.3	216.5	114.5	175.8	190.9	128.8	265.2	221.6	227.4
Male	Patients	137	130	125	116	111	94	92	71	67	63
	Deaths	23	20	18	8	11	11	11	5	3	7
	Rate	272.2	223.7	202.0	102.3	145.0	168.6	185.9	103.0	71.3	216.5

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

Notes:

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Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Blood Type		Year									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	Patients	326	299	290	260	260	224	207	182	157	149
	Deaths	48	42	42	20	29	28	21	22	15	18
	Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
A	Patients	113	106	104	90	85	79	79	74	63	64
	Deaths	19	10	12	8	10	7	7	5	7	8
	Rate	285.6	133.8	166.0	129.2	173.4	132.9	135.9	111.2	179.7	235.7
AB	Patients	15	14	11	10	7	4	8	2	3	7
	Deaths	1	5	2	2	-	-	2	-	-	-
	Rate	94.4	760.4	371.9	457.9	*	*	*	*	*	*
B	Patients	27	25	31	28	31	20	17	16	15	10
	Deaths	4	4	7	1	4	3	-	5	2	2
	Rate	241.6	302.0	389.9	47.9	211.8	190.8	-	662.6	303.0	505.8
O	Patients	171	154	144	132	137	121	103	90	76	68
	Deaths	24	23	21	9	15	18	12	12	6	8
	Rate	215.4	205.9	201.2	94.0	153.5	214.9	169.2	202.9	121.7	196.7

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

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Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Primary Heart Diagnosis	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total										
Patients	326	299	290	260	260	224	207	182	157	149
Deaths	48	42	42	20	29	28	21	22	15	18
Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
Coronary Artery Disease										
Patients	3	4	5	4	5	9	9	6	6	7
Deaths	-	1	-	1	-	3	1	1	-	2
Rate	*	*	*	*	*	*	*	*	*	*
Cardiomyopathy										
Patients	24	20	22	19	27	28	27	30	24	25
Deaths	5	5	5	2	3	6	4	8	4	5
Rate	367.7	365.2	368.1	153.0	192.4	345.9	270.0	541.7	308.4	559.6
Congenital Heart Disease										
Patients	42	54	54	51	63	74	75	63	62	59
Deaths	5	6	9	3	6	8	9	5	5	4
Rate	180.1	181.9	230.6	77.0	128.0	154.5	182.9	109.6	115.7	100.7
Retransplant/Graft Failure										
Patients	4	1	2	3	2	1	1	1	1	-
Deaths	1	-	-	-	-	-	-	-	1	-
Rate	*	*	*	*	*	*	*	*	*	-
Valvular Heart Disease										
Patients	1	2	4	3	3	2	4	4	4	5
Deaths	-	-	1	-	-	-	-	-	1	-
Rate	*	*	*	*	*	*	*	*	*	*
Other										
Patients	31	22	20	23	26	26	25	26	17	27
Deaths	6	4	2	2	4	5	4	6	2	5
Rate	338.5	263.2	147.6	146.3	265.2	332.2	327.4	719.8	259.9	592.3
Not Collected										
Patients	16	12	9	9	7	5	4	4	3	1
Deaths	-	-	-	1	1	1	-	1	-	-
Rate	-	-	*	*	*	*	*	*	*	*
Unknown										
Patients	205	184	174	148	127	79	62	48	40	25
Deaths	31	26	25	11	15	5	3	1	2	2
Rate	247.5	202.7	212.9	107.8	170.5	87.4	62.1	28.7	83.3	121.2

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

Notes:

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December 31, date of death, or date of removal for other reasons. Please see Technical Notes for further details about death rate computation.

Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Primary Lung Diagnosis	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total										
Patients	326	299	290	260	260	224	207	182	157	149
Deaths	48	42	42	20	29	28	21	22	15	18
Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0
Emphysema/COPD										
Patients	13	9	6	5	4	4	5	5	4	3
Deaths	4	1	1	1	1	-	-	1	-	1
Rate	547.0	*	*	*	*	*	*	*	*	*
Cystic Fibrosis										
Patients	6	4	5	5	5	6	5	3	1	-
Deaths	1	-	2	-	1	1	-	1	-	-
Rate	*	*	*	*	*	*	*	*	*	-
Idiopathic Pulmonary Fibrosis										
Patients	3	2	4	6	7	6	5	4	4	5
Deaths	-	-	1	-	1	2	1	-	1	1
Rate	*	*	*	*	*	*	*	*	*	*
Idiopathic Pulmonary Arterial Hypertension										
Patients	64	69	65	58	49	41	41	30	24	37
Deaths	12	15	8	5	4	2	4	6	2	6
Rate	333.7	359.9	190.5	133.8	110.8	67.9	176.2	443.2	170.6	409.5
Retransplant/Graft Failure										
Patients	6	5	3	2	5	2	2	2	1	2
Deaths	1	1	1	-	2	-	1	-	1	1
Rate	*	*	*	*	*	*	*	*	*	*
Congenital Disease										
Patients	113	96	101	94	90	74	63	58	55	36
Deaths	12	6	7	4	8	9	1	3	4	1
Rate	142.4	75.0	89.0	53.0	118.2	160.3	20.0	64.8	105.3	35.5
Other										
Patients	34	27	22	26	34	53	59	56	50	52
Deaths	4	4	3	1	2	9	10	11	6	6
Rate	196.3	236.1	179.3	60.8	91.7	279.4	290.2	349.5	215.1	233.8
Not Collected										
Patients	5	5	4	4	4	3	1	1	-	-
Deaths	-	-	1	-	-	1	-	-	-	-
Rate	*	*	*	*	*	*	*	*	-	-

(Continued)

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

Notes:

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Collection of both a heart and a lung diagnosis began in 2005. Please see Technical Notes for further details.

(-) = None in category.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Primary Lung Diagnosis		Year									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Unknown	Patients	82	82	80	60	62	35	26	23	18	14
	Deaths	14	15	18	9	10	4	4	-	1	2
	Rate	316.0	299.0	387.6	237.2	275.7	176.1	223.7	-	75.6	209.1

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Waitlist Center State	Year										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Total											
Patients	326	299	290	260	260	224	207	182	157	149	
Deaths	48	42	42	20	29	28	21	22	15	18	
Rate	234.0	203.6	210.0	109.3	162.7	181.5	153.5	195.3	155.9	223.0	
Alabama											
Patients	17	10	8	9	10	8	13	13	8	6	
Deaths	1	2	1	1	1	1	-	-	1	-	
Rate	100.1	253.6	*	*	141.7	*	-	-	*	*	
Arizona											
Patients	13	8	3	4	3	-	1	2	3	3	
Deaths	-	1	-	-	1	-	-	1	1	-	
Rate	-	*	*	*	*	-	*	*	*	*	
California											
Patients	52	36	31	37	34	34	35	36	32	24	
Deaths	6	6	1	3	4	4	2	2	3	-	
Rate	166.5	226.4	42.5	124.1	194.5	169.6	86.9	101.6	197.3	-	
Colorado											
Patients	3	3	4	4	6	6	4	3	2	2	
Deaths	-	-	-	-	-	-	1	1	-	1	
Rate	*	*	*	*	*	*	*	*	*	*	
Connecticut											
Patients	4	4	2	2	2	1	1	1	-	-	
Deaths	-	-	-	-	-	-	-	1	-	-	
Rate	*	*	*	*	*	*	*	*	-	-	
Florida											
Patients	17	18	25	22	30	22	9	8	7	8	
Deaths	4	5	6	3	2	3	2	-	1	2	
Rate	385.0	423.7	446.6	200.9	108.1	274.0	*	*	*	*	
Georgia											
Patients	4	3	3	3	2	1	1	1	-	-	
Deaths	-	1	1	-	-	-	-	-	-	-	
Rate	*	*	*	*	*	*	*	*	-	-	
Illinois											
Patients	1	4	10	9	7	5	3	4	5	5	
Deaths	-	-	2	1	-	1	-	1	-	1	
Rate	*	*	334.1	*	*	*	*	*	*	*	

(Continued)

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Waitlist Center State	Year										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Kentucky	Patients	1	1	1	1	1	1	1	1	-	-
	Deaths	-	-	-	-	-	-	-	1	-	-
	Rate	*	*	*	*	*	*	*	*	-	-
Massachusetts	Patients	1	1	-	-	-	-	-	-	-	-
	Deaths	-	-	-	-	-	-	-	-	-	-
	Rate	*	*	-	-	-	-	-	-	-	-
Maryland	Patients	13	11	11	12	8	11	7	4	7	2
	Deaths	1	2	-	3	1	1	-	-	-	1
	Rate	132.2	209.8	-	337.5	*	159.0	*	*	*	*
Michigan	Patients	3	1	-	1	-	-	-	-	-	-
	Deaths	1	1	-	1	-	-	-	-	-	-
	Rate	*	*	-	*	-	-	-	-	-	-
Minnesota	Patients	21	23	31	26	26	17	15	9	9	7
	Deaths	5	1	3	1	3	1	-	1	-	2
	Rate	370.5	51.3	130.5	56.2	175.7	71.0	-	*	*	*
Missouri	Patients	32	33	30	24	23	24	28	24	20	21
	Deaths	3	4	6	4	2	2	4	1	-	-
	Rate	143.6	159.9	256.9	207.6	108.0	104.0	191.6	47.3	-	-
North Carolina	Patients	34	34	33	24	21	17	11	7	4	2
	Deaths	7	3	5	-	3	2	2	-	-	-
	Rate	357.6	143.7	226.1	-	186.3	155.5	223.5	*	*	*
New York	Patients	21	9	6	6	6	6	8	6	4	6
	Deaths	2	1	1	-	-	1	-	-	-	1
	Rate	124.7	*	*	*	*	*	*	*	*	*
Ohio	Patients	4	5	6	5	3	6	9	9	1	10
	Deaths	-	-	-	-	-	2	2	3	-	1
	Rate	*	*	*	*	*	*	*	*	*	337.7

(Continued)

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Notes:

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December 31, date of death, or date of removal for other reasons. Please see Technical Notes for further details about death rate computation.

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Table 13.3 (Continued)
Reported Deaths and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2009
Heart-Lung Waiting List

Waitlist Center State	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Oregon										
Patients	1	-	-	-	-	-	-	-	-	-
Deaths	1	-	-	-	-	-	-	-	-	-
Rate	*	-	-	-	-	-	-	-	-	-
Pennsylvania										
Patients	59	67	63	54	59	44	44	36	36	23
Deaths	12	9	12	2	9	5	6	8	5	6
Rate	318.6	191.5	270.7	52.5	233.1	141.7	212.4	326.9	301.6	547.9
Tennessee										
Patients	7	6	2	1	2	5	2	1	1	1
Deaths	-	1	-	-	-	1	-	-	-	-
Rate	*	*	*	*	*	*	*	*	*	*
Texas										
Patients	9	8	10	10	10	9	10	12	13	26
Deaths	1	1	2	1	2	2	1	2	3	3
Rate	*	*	348.0	156.6	300.6	*	170.5	250.3	324.3	327.4
Virginia										
Patients	5	3	3	2	2	2	1	-	-	-
Deaths	2	1	-	-	-	-	-	-	-	-
Rate	*	*	*	*	*	*	*	-	-	-
Washington										
Patients	-	1	-	-	-	1	2	4	4	3
Deaths	-	-	-	-	-	-	1	-	1	-
Rate	-	*	-	-	-	*	*	*	*	*
Wisconsin										
Patients	4	10	8	4	5	4	2	1	1	-
Deaths	2	3	2	-	1	2	-	-	-	-
Rate	*	1,322.6	*	*	*	*	*	*	*	-

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