

Table 12.16
Prevalence of People Living with a Functioning Transplant at End of Year
Lung Recipients, 1999 to 2007

	Year								
	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	3,400	3,716	4,157	4,487	4,853	5,298	5,852	6,386	6,731
Age at Transplant									
<1 Year	19	19	19	20	17	21	20	21	22
1-5 Years	23	22	22	23	24	20	23	26	27
6-11 Years	44	47	49	58	61	65	67	73	64
12-17 Years	103	109	107	109	118	128	142	152	159
18-34 Years	553	612	661	693	727	804	851	927	941
35-49 Years	953	1,030	1,128	1,182	1,236	1,303	1,362	1,427	1,469
50-64 Years	1,600	1,767	2,048	2,260	2,485	2,734	3,094	3,372	3,549
65+ Years	105	110	123	142	185	223	293	388	500
Age at Transplant (%)									
<1 Year	0.6%	0.5%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%
1-5 Years	0.7%	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%
6-11 Years	1.3%	1.3%	1.2%	1.3%	1.3%	1.2%	1.1%	1.1%	1.0%
12-17 Years	3.0%	2.9%	2.6%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%
18-34 Years	16.3%	16.5%	15.9%	15.4%	15.0%	15.2%	14.5%	14.5%	14.0%
35-49 Years	28.0%	27.7%	27.1%	26.3%	25.5%	24.6%	23.3%	22.3%	21.8%
50-64 Years	47.1%	47.6%	49.3%	50.4%	51.2%	51.6%	52.9%	52.8%	52.7%
65+ Years	3.1%	3.0%	3.0%	3.2%	3.8%	4.2%	5.0%	6.1%	7.4%
Recipient Ethnicity/Race									
White	3,111	3,388	3,769	4,076	4,382	4,751	5,227	5,646	5,886
African American	167	196	246	252	281	324	370	436	492
Other/Multi-race	10	10	9	8	8	12	18	23	30
Asian	21	19	22	28	41	45	46	53	60
Hispanic/Latino	90	102	110	122	138	163	188	225	260
Unknown	1	1	1	1	3	3	3	3	3
Recipient Ethnicity/Race (%)									
White	91.5%	91.2%	90.7%	90.8%	90.3%	89.7%	89.3%	88.4%	87.4%
African American	4.9%	5.3%	5.9%	5.6%	5.8%	6.1%	6.3%	6.8%	7.3%
Other/Multi-race	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	0.4%
Asian	0.6%	0.5%	0.5%	0.6%	0.8%	0.8%	0.8%	0.8%	0.9%
Hispanic/Latino	2.6%	2.7%	2.6%	2.7%	2.8%	3.1%	3.2%	3.5%	3.9%
Unknown	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%

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

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Recipient Gender									
Female	1,752	1,926	2,174	2,336	2,462	2,676	2,876	3,097	3,225
Male	1,648	1,790	1,983	2,151	2,391	2,622	2,976	3,289	3,506
Recipient Gender (%)									
Female	51.5%	51.8%	52.3%	52.1%	50.7%	50.5%	49.1%	48.5%	47.9%
Male	48.5%	48.2%	47.7%	47.9%	49.3%	49.5%	50.9%	51.5%	52.1%
Recipient Blood Type									
A	1,405	1,534	1,723	1,891	2,043	2,197	2,411	2,637	2,755
AB	143	160	167	181	180	200	233	241	266
B	382	413	480	493	530	604	647	697	740
O	1,470	1,609	1,787	1,922	2,100	2,297	2,561	2,811	2,970
Recipient Blood Type (%)									
A	41.3%	41.3%	41.4%	42.1%	42.1%	41.5%	41.2%	41.3%	40.9%
AB	4.2%	4.3%	4.0%	4.0%	3.7%	3.8%	4.0%	3.8%	4.0%
B	11.2%	11.1%	11.5%	11.0%	10.9%	11.4%	11.1%	10.9%	11.0%
O	43.2%	43.3%	43.0%	42.8%	43.3%	43.4%	43.8%	44.0%	44.1%
Donor Type									
Deceased Donor	3,328	3,642	4,071	4,402	4,765	5,201	5,762	6,306	6,659
Living Donor	72	74	86	85	88	97	90	80	72
Donor Type (%)									
Deceased Donor	97.9%	98.0%	97.9%	98.1%	98.2%	98.2%	98.5%	98.7%	98.9%
Living Donor	2.1%	2.0%	2.1%	1.9%	1.8%	1.8%	1.5%	1.3%	1.1%
Previous Tx Any Organ									
No	3,321	3,644	4,077	4,407	4,755	5,190	5,705	6,215	6,526
Yes	79	72	80	80	98	108	147	171	205
Previous Tx Any Organ (%)									
No	97.7%	98.1%	98.1%	98.2%	98.0%	98.0%	97.5%	97.3%	97.0%
Yes	2.3%	1.9%	1.9%	1.8%	2.0%	2.0%	2.5%	2.7%	3.0%
Previous LU/HL Tx									
No	3,323	3,645	4,079	4,410	4,758	5,194	5,708	6,220	6,534
Yes	77	71	78	77	95	104	144	166	197
Previous LU/HL Tx (%)									
No	97.7%	98.1%	98.1%	98.3%	98.0%	98.0%	97.5%	97.4%	97.1%
Yes	2.3%	1.9%	1.9%	1.7%	2.0%	2.0%	2.5%	2.6%	2.9%

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Recipient Residency									
U.S. Resident	3,371	3,689	4,136	4,470	4,839	5,283	5,839	6,374	6,722
Unknown	29	27	21	17	14	15	13	12	9
Recipient Residency (%)									
U.S. Resident	99.1%	99.3%	99.5%	99.6%	99.7%	99.7%	99.8%	99.8%	99.9%
Unknown	0.9%	0.7%	0.5%	0.4%	0.3%	0.3%	0.2%	0.2%	0.1%
Hospitalized at Tx									
In Intensive Care	130	120	123	134	146	161	185	232	289
Hospitalized	198	212	217	233	237	268	294	352	408
Not Hospitalized	3,049	3,367	3,802	4,107	4,457	4,859	5,366	5,795	6,029
Unknown	23	17	15	13	13	10	7	7	5
Hospitalized at Tx (%)									
In Intensive Care	3.8%	3.2%	3.0%	3.0%	3.0%	3.0%	3.2%	3.6%	4.3%
Hospitalized	5.8%	5.7%	5.2%	5.2%	4.9%	5.1%	5.0%	5.5%	6.1%
Not Hospitalized	89.7%	90.6%	91.5%	91.5%	91.8%	91.7%	91.7%	90.7%	89.6%
Unknown	0.7%	0.5%	0.4%	0.3%	0.3%	0.2%	0.1%	0.1%	0.1%
On Life Support at Tx									
No	3,223	3,522	3,953	4,260	4,609	5,028	5,554	6,049	6,377
Yes	153	176	188	213	230	259	290	329	348
Unknown	24	18	16	14	14	11	8	8	6
On Life Support at Tx (%)									
No	94.8%	94.8%	95.1%	94.9%	95.0%	94.9%	94.9%	94.7%	94.7%
Yes	4.5%	4.7%	4.5%	4.7%	4.7%	4.9%	5.0%	5.2%	5.2%
Unknown	0.7%	0.5%	0.4%	0.3%	0.3%	0.2%	0.1%	0.1%	0.1%

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Type of Procedure									
Single Lung	1,904	2,024	2,267	2,373	2,488	2,611	2,757	2,824	2,814
Double Lung	1,496	1,692	1,890	2,114	2,365	2,687	3,095	3,562	3,917
Type of Procedure (%)									
Single Lung	56.0%	54.5%	54.5%	52.9%	51.3%	49.3%	47.1%	44.2%	41.8%
Double Lung	44.0%	45.5%	45.5%	47.1%	48.7%	50.7%	52.9%	55.8%	58.2%

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Primary Diagnosis									
Emphysema/COPD	1,367	1,507	1,734	1,857	1,977	2,098	2,236	2,343	2,368
Cystic Fibrosis	631	714	777	838	888	976	1,054	1,152	1,183
Idiopathic Pulmonary Fibrosis	427	448	514	617	733	870	1,082	1,282	1,487
Alpha-1-Antitrypsin Deficiency	331	348	375	386	399	421	426	418	405
Idiopathic Pulmonary Arterial Hypertension	201	204	208	214	230	236	240	239	242
Congenital Disease	67	73	70	67	66	66	61	56	49
Other	376	422	479	507	559	630	752	895	996
Unknown	-	-	-	1	1	1	1	1	1
Primary Diagnosis (%)									
Emphysema/COPD	40.2%	40.6%	41.7%	41.4%	40.7%	39.6%	38.2%	36.7%	35.2%
Cystic Fibrosis	18.6%	19.2%	18.7%	18.7%	18.3%	18.4%	18.0%	18.0%	17.6%
Idiopathic Pulmonary Fibrosis	12.6%	12.1%	12.4%	13.8%	15.1%	16.4%	18.5%	20.1%	22.1%
Alpha-1-Antitrypsin Deficiency	9.7%	9.4%	9.0%	8.6%	8.2%	7.9%	7.3%	6.5%	6.0%
Idiopathic Pulmonary Arterial Hypertension	5.9%	5.5%	5.0%	4.8%	4.7%	4.5%	4.1%	3.7%	3.6%
Congenital Disease	2.0%	2.0%	1.7%	1.5%	1.4%	1.2%	1.0%	0.9%	0.7%
Other	11.1%	11.4%	11.5%	11.3%	11.5%	11.9%	12.9%	14.0%	14.8%
Unknown	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Lung Diagnosis Group									
Group A: Obstructive Lung Disease	1,868	2,048	2,328	2,473	2,636	2,796	2,969	3,098	3,127
Group B: Pulmonary Vascular Disease	245	247	247	249	266	273	289	307	311
Group C: Cystic Fibrosis or Immunodef. Disorders	606	687	750	807	851	940	1,017	1,118	1,156
Group D: Restrictive Lung Disease	531	580	672	788	927	1,105	1,390	1,667	1,945
Group E: Age Less Than 12	86	88	90	101	102	106	110	120	113
Other Diagnosis	64	66	70	69	71	78	77	76	79
Lung Diagnosis Group (%)									
Group A: Obstructive Lung Disease	54.9%	55.1%	56.0%	55.1%	54.3%	52.8%	50.7%	48.5%	46.5%
Group B: Pulmonary Vascular Disease	7.2%	6.6%	5.9%	5.5%	5.5%	5.2%	4.9%	4.8%	4.6%
Group C: Cystic Fibrosis or Immunodef. Disorders	17.8%	18.5%	18.0%	18.0%	17.5%	17.7%	17.4%	17.5%	17.2%
Group D: Restrictive Lung Disease	15.6%	15.6%	16.2%	17.6%	19.1%	20.9%	23.8%	26.1%	28.9%
Group E: Age Less Than 12	2.5%	2.4%	2.2%	2.3%	2.1%	2.0%	1.9%	1.9%	1.7%
Other Diagnosis	1.9%	1.8%	1.7%	1.5%	1.5%	1.5%	1.3%	1.2%	1.2%

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Lung Allocation Score at Tx									
LAS 0	-	-	-	-	-	-	5	7	8
LAS 20 - 29	-	-	-	-	-	-	10	19	25
LAS 30 - 34	-	-	-	-	-	-	346	806	1,075
LAS 35 - 39	-	-	-	-	-	-	221	526	779
LAS 40 - 49	-	-	-	-	-	-	177	405	638
LAS 50 - 59	-	-	-	-	-	-	40	104	194
LAS 60+	-	-	-	-	-	-	58	130	260
Unknown	3,400	3,716	4,157	4,487	4,853	5,298	4,995	4,389	3,752
Lung Allocation Score at Tx (%)									
LAS 0	-	-	-	-	-	-	0.1%	0.1%	0.1%
LAS 20 - 29	-	-	-	-	-	-	0.2%	0.3%	0.4%
LAS 30 - 34	-	-	-	-	-	-	5.9%	12.6%	16.0%
LAS 35 - 39	-	-	-	-	-	-	3.8%	8.2%	11.6%
LAS 40 - 49	-	-	-	-	-	-	3.0%	6.3%	9.5%
LAS 50 - 59	-	-	-	-	-	-	0.7%	1.6%	2.9%
LAS 60+	-	-	-	-	-	-	1.0%	2.0%	3.9%
Unknown	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	85.4%	68.7%	55.7%

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