

Table 12.14a
Unadjusted Patient Survival, Deceased Donor Lung Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

| | 3 Months | | | 1 Year | | | 5 Years | | | 10 Years | | |
|---------------------------------|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|
| | (Tx 2005 - 2006) | | | (Tx 2005 - 2006) | | | (Tx 2001 - 2006) | | | (Tx 1996 - 2006) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 2,671 | 92.0% | 0.5% | 2,671 | 83.6% | 0.7% | 6,832 | 53.4% | 0.8% | 11,052 | 28.5% | 0.8% |
| Age at Tx | | | | | | | | | | | | |
| <1 Year | 7 | 57.1% | 18.7% | 7 | 57.1% | 18.7% | 20 | 40.0% | 17.9% | 46 | 37.1% | 8.3% |
| 1-5 Years | 13 | 84.6% | 10.0% | 13 | 84.6% | 10.0% | 23 | 55.6% | 13.7% | 47 | 38.1% | 9.2% |
| 6-11 Years | 20 | 100.0% | 0.0% | 20 | 95.0% | 4.9% | 54 | 64.8% | 8.0% | 101 | 31.4% | 8.9% |
| 12-17 Years | 61 | 96.7% | 2.3% | 61 | 88.5% | 4.1% | 149 | 30.1% | 7.4% | 254 | 22.9% | 4.4% |
| 18-34 Years | 309 | 91.9% | 1.6% | 309 | 85.8% | 2.0% | 842 | 53.5% | 2.3% | 1,428 | 36.8% | 2.0% |
| 35-49 Years | 452 | 90.7% | 1.4% | 452 | 85.0% | 1.7% | 1,297 | 59.0% | 1.8% | 2,350 | 36.8% | 1.6% |
| 50-64 Years | 1,523 | 92.1% | 0.7% | 1,523 | 83.3% | 1.0% | 3,923 | 52.7% | 1.1% | 6,134 | 23.1% | 1.1% |
| 65+ Years | 286 | 92.7% | 1.5% | 286 | 79.4% | 2.4% | 524 | 43.6% | 3.9% | 692 | 14.9% | 3.1% |
| Recipient Ethnicity/Race | | | | | | | | | | | | |
| White | 2,294 | 92.4% | 0.6% | 2,294 | 83.8% | 0.8% | 5,938 | 53.7% | 0.9% | 9,713 | 28.6% | 0.8% |
| African American | 222 | 91.0% | 1.9% | 222 | 84.2% | 2.4% | 523 | 51.4% | 3.2% | 795 | 26.2% | 3.0% |
| Hispanic/Latino | 111 | 89.2% | 2.9% | 111 | 82.9% | 3.6% | 270 | 48.2% | 5.1% | 404 | 33.0% | 3.7% |
| Asian | 29 | 75.9% | 7.9% | 29 | 69.0% | 8.6% | 69 | 57.3% | 8.1% | 93 | 23.4% | 8.9% |
| Other/Multi-race | 15 | 93.3% | 6.4% | 15 | 73.3% | 11.4% | 30 | 48.3% | 10.8% | 45 | + | + |
| Unknown | 0 | - | - | 0 | - | - | 2 | + | + | 2 | + | + |
| Recipient Gender | | | | | | | | | | | | |
| Female | 1,182 | 92.6% | 0.8% | 1,182 | 84.6% | 1.0% | 3,253 | 53.5% | 1.2% | 5,330 | 28.8% | 1.1% |
| Male | 1,489 | 91.5% | 0.7% | 1,489 | 82.8% | 1.0% | 3,579 | 53.3% | 1.2% | 5,722 | 28.2% | 1.1% |
| Recipient Blood Type | | | | | | | | | | | | |
| O | 1,188 | 91.5% | 0.8% | 1,188 | 83.4% | 1.1% | 3,011 | 55.1% | 1.3% | 4,816 | 28.3% | 1.2% |
| A | 1,103 | 92.7% | 0.8% | 1,103 | 84.2% | 1.1% | 2,804 | 52.1% | 1.3% | 4,549 | 30.4% | 1.2% |
| B | 273 | 92.3% | 1.6% | 273 | 83.9% | 2.2% | 754 | 51.0% | 2.5% | 1,238 | 26.4% | 2.4% |
| AB | 107 | 88.8% | 3.1% | 107 | 78.5% | 4.0% | 263 | 54.5% | 4.3% | 449 | 16.9% | 3.7% |

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

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| | (Tx 2005 - 2006) | | | (Tx 2005 - 2006) | | | (Tx 2001 - 2006) | | | (Tx 1996 - 2006) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 2,671 | 92.0% | 0.5% | 2,671 | 83.6% | 0.7% | 6,832 | 53.4% | 0.8% | 11,052 | 28.5% | 0.8% |
| Recipient Residency | | | | | | | | | | | | |
| U.S. Resident | 2,661 | 91.9% | 0.5% | 2,661 | 83.6% | 0.7% | 6,810 | 53.3% | 0.8% | 10,980 | 28.3% | 0.8% |
| Nonresident Alien | 9 | 100.0% | 0.0% | 9 | 77.8% | 13.9% | 20 | 80.0% | 8.9% | 50 | 52.6% | 8.2% |
| Unknown | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 2 | + | + | 22 | 36.3% | 10.8% |
| Hospitalized at Tx | | | | | | | | | | | | |
| Not Hospitalized | 2,319 | 93.5% | 0.5% | 2,319 | 85.6% | 0.7% | 6,194 | 54.3% | 0.9% | 10,011 | 28.8% | 0.8% |
| Hospitalized | 188 | 89.9% | 2.2% | 188 | 80.3% | 2.9% | 353 | 49.2% | 4.1% | 568 | 28.5% | 3.3% |
| In Intensive Care | 164 | 72.0% | 3.5% | 164 | 59.8% | 3.8% | 284 | 35.6% | 4.3% | 428 | 24.4% | 3.2% |
| Unknown | 0 | - | - | 0 | - | - | 1 | 100.0% | 0.0% | 45 | 17.7% | 6.7% |
| Life Support at Tx | | | | | | | | | | | | |
| No | 2,514 | 92.8% | 0.5% | 2,514 | 84.8% | 0.7% | 6,474 | 53.6% | 0.9% | 10,416 | 28.6% | 0.8% |
| Yes | 157 | 78.3% | 3.3% | 157 | 65.0% | 3.8% | 357 | 48.5% | 3.5% | 591 | 29.4% | 3.0% |
| Unknown | 0 | - | - | 0 | - | - | 1 | 100.0% | 0.0% | 45 | 17.7% | 6.7% |
| Primary Diagnosis | | | | | | | | | | | | |
| Emphysema/COPD | 864 | 93.6% | 0.8% | 864 | 86.0% | 1.2% | 2,569 | 53.3% | 1.3% | 4,311 | 23.4% | 1.2% |
| Cystic Fibrosis | 399 | 94.0% | 1.2% | 399 | 86.5% | 1.7% | 1,048 | 57.0% | 2.1% | 1,763 | 37.3% | 1.8% |
| Idiopathic Pulmonary Fibrosis | 767 | 91.5% | 1.0% | 767 | 82.4% | 1.4% | 1,636 | 48.5% | 1.9% | 2,307 | 25.3% | 2.0% |
| Alpha-1-Antitrypsin Deficiency | 96 | 89.6% | 3.1% | 96 | 80.2% | 4.1% | 374 | 58.3% | 3.1% | 731 | 30.2% | 2.7% |
| Primary Pulmonary Hypertension | 62 | 87.1% | 4.3% | 62 | 80.6% | 5.0% | 217 | 55.5% | 4.0% | 421 | 30.3% | 3.7% |
| Congenital Disease | 2 | 50.0% | 35.4% | 2 | 50.0% | 35.4% | 34 | 51.5% | 8.8% | 110 | 39.1% | 5.1% |
| Other | 337 | 88.7% | 1.7% | 337 | 79.2% | 2.2% | 787 | 55.1% | 2.4% | 1,236 | 34.4% | 2.3% |
| Unknown | 144 | 90.3% | 2.5% | 144 | 81.9% | 3.2% | 167 | + | + | 173 | + | + |

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Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on lung and heart-lung transplants.

Multi-organ transplants are excluded.

Table 12.14a (Continued)
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Survival at 3 Months, 1 Year, 5 Years, and 10 Years

| | 3 Months | | | 1 Year | | | 5 Years | | | 10 Years | | |
|-----------------------------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|
| | (Tx 2005 - 2006) | | | (Tx 2005 - 2006) | | | (Tx 2001 - 2006) | | | (Tx 1996 - 2006) | | |
| | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 2,671 | 92.0% | 0.5% | 2,671 | 83.6% | 0.7% | 6,832 | 53.4% | 0.8% | 11,052 | 28.5% | 0.8% |
| Cold Ischemic Time | | | | | | | | | | | | |
| 0-90 Minutes | 19 | 84.2% | 8.4% | 19 | 63.2% | 11.1% | 58 | 30.5% | 8.1% | 103 | 27.8% | 5.5% |
| 91-180 Minutes | 250 | 91.6% | 1.8% | 250 | 82.4% | 2.4% | 718 | 48.7% | 2.5% | 1,350 | 20.3% | 2.1% |
| 181-270 Minutes | 698 | 92.8% | 1.0% | 698 | 83.7% | 1.4% | 1,949 | 50.5% | 1.5% | 3,193 | 26.3% | 1.3% |
| 271-360 Minutes | 826 | 92.5% | 0.9% | 826 | 84.5% | 1.3% | 1,981 | 57.1% | 1.6% | 3,072 | 33.8% | 1.5% |
| 361-480 Minutes | 433 | 93.3% | 1.2% | 433 | 86.1% | 1.7% | 993 | 57.8% | 2.3% | 1,441 | 33.6% | 2.5% |
| 481+ Minutes | 98 | 84.7% | 3.6% | 98 | 75.5% | 4.3% | 240 | 58.3% | 4.4% | 399 | 37.2% | 4.1% |
| Unknown | 347 | 89.9% | 1.6% | 347 | 82.4% | 2.0% | 893 | 52.3% | 2.2% | 1,494 | 23.9% | 2.4% |
| Yearly Center Volume | | | | | | | | | | | | |
| 0-3 | 15 | 80.0% | 10.3% | 15 | 66.7% | 12.2% | 188 | 47.6% | 4.7% | 402 | 24.0% | 2.8% |
| 4-6 | 84 | 84.5% | 3.9% | 84 | 78.6% | 4.5% | 93 | 26.8% | 6.7% | 640 | 27.6% | 2.9% |
| 7-11 | 104 | 87.5% | 3.2% | 104 | 76.0% | 4.2% | 605 | 48.2% | 2.9% | 855 | 22.0% | 2.4% |
| 12-20 | 438 | 91.1% | 1.4% | 438 | 81.7% | 1.8% | 1,267 | 45.8% | 1.9% | 2,870 | 24.6% | 1.5% |
| 21+ | 2,030 | 92.8% | 0.6% | 2,030 | 84.7% | 0.8% | 4,679 | 56.8% | 1.0% | 6,285 | 31.5% | 1.1% |
| Type of Procedure | | | | | | | | | | | | |
| Double Lung | 1,651 | 91.3% | 0.7% | 1,651 | 83.6% | 0.9% | 3,772 | 56.8% | 1.2% | 5,689 | 36.0% | 1.2% |
| Single Lung | 1,020 | 92.9% | 0.8% | 1,020 | 83.6% | 1.2% | 3,060 | 49.9% | 1.2% | 5,363 | 21.7% | 1.0% |
| Donor Age | | | | | | | | | | | | |
| <1 Year | 10 | 60.0% | 15.5% | 10 | 60.0% | 15.5% | 20 | 52.0% | 14.4% | 41 | 34.8% | 9.6% |
| 1-5 Years | 16 | 93.8% | 6.1% | 16 | 93.8% | 6.1% | 42 | 51.2% | 10.0% | 96 | 29.5% | 6.6% |
| 6-11 Years | 37 | 91.9% | 4.5% | 37 | 81.1% | 6.4% | 127 | 53.3% | 5.8% | 227 | 29.2% | 5.6% |
| 12-17 Years | 327 | 93.0% | 1.4% | 327 | 84.7% | 2.0% | 900 | 55.1% | 2.2% | 1,581 | 31.6% | 1.9% |
| 18-34 Years | 1,151 | 91.1% | 0.8% | 1,151 | 83.8% | 1.1% | 2,928 | 56.1% | 1.3% | 4,687 | 29.8% | 1.2% |
| 35-49 Years | 671 | 93.0% | 1.0% | 671 | 83.8% | 1.4% | 1,787 | 49.5% | 1.7% | 2,956 | 26.0% | 1.5% |
| 50-64 Years | 428 | 92.3% | 1.3% | 428 | 83.6% | 1.8% | 973 | 51.6% | 2.3% | 1,399 | 23.9% | 2.6% |
| 65+ Years | 31 | 93.5% | 4.4% | 31 | 67.7% | 8.4% | 55 | 22.2% | 16.5% | 65 | + | + |

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| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 2,671 | 92.0% | 0.5% | 2,671 | 83.6% | 0.7% | 6,832 | 53.4% | 0.8% | 11,052 | 28.5% | 0.8% |
| Transplant Center State | | | | | | | | | | | | |
| ALABAMA | 53 | 90.6% | 4.0% | 53 | 81.1% | 5.4% | 173 | 44.9% | 5.0% | 322 | 27.4% | 4.2% |
| ARIZONA | 21 | 81.0% | 8.6% | 21 | 71.4% | 9.9% | 52 | 58.5% | 7.8% | 73 | 23.3% | 11.5% |
| CALIFORNIA | 335 | 91.3% | 1.5% | 335 | 83.3% | 2.0% | 843 | 51.9% | 2.6% | 1,249 | 25.0% | 2.4% |
| COLORADO | 67 | 94.0% | 2.9% | 67 | 91.0% | 3.5% | 207 | 51.6% | 4.5% | 318 | 36.5% | 4.4% |
| CONNECTICUT | 0 | - | - | 0 | - | - | 0 | - | - | 2 | 0.0% | 0.0% |
| FLORIDA | 201 | 95.5% | 1.5% | 201 | 89.1% | 2.2% | 421 | 56.6% | 3.8% | 539 | 31.3% | 4.7% |
| GEORGIA | 49 | 91.8% | 3.9% | 49 | 81.6% | 5.5% | 121 | 40.6% | 7.2% | 170 | 23.2% | 5.5% |
| IOWA | 0 | - | - | 0 | - | - | 0 | - | - | 2 | 100.0% | 0.0% |
| ILLINOIS | 69 | 89.9% | 3.6% | 69 | 78.3% | 5.0% | 184 | 61.4% | 4.7% | 372 | 35.0% | 3.9% |
| INDIANA | 83 | 90.4% | 3.2% | 83 | 78.3% | 4.5% | 225 | 56.7% | 4.3% | 324 | 22.0% | 5.3% |
| KENTUCKY | 53 | 90.6% | 4.0% | 53 | 79.2% | 5.6% | 116 | 36.7% | 6.6% | 215 | 12.9% | 4.2% |
| LOUISIANA | 8 | 62.5% | 17.1% | 8 | 50.0% | 17.7% | 72 | 46.9% | 6.1% | 170 | 22.2% | 4.1% |
| MASSACHUSETTS | 59 | 88.1% | 4.2% | 59 | 81.4% | 5.1% | 175 | 46.1% | 5.0% | 319 | 27.3% | 4.2% |
| MARYLAND | 68 | 83.8% | 4.5% | 68 | 73.5% | 5.4% | 147 | 45.8% | 5.3% | 276 | 29.2% | 4.3% |
| MICHIGAN | 78 | 91.0% | 3.2% | 78 | 83.3% | 4.2% | 205 | 55.6% | 4.6% | 382 | 29.0% | 4.1% |
| MINNESOTA | 113 | 98.2% | 1.2% | 113 | 92.9% | 2.4% | 268 | 55.3% | 4.6% | 419 | 37.3% | 3.9% |
| MISSOURI | 127 | 96.9% | 1.5% | 127 | 91.3% | 2.5% | 387 | 62.8% | 3.2% | 732 | 38.2% | 3.0% |
| NORTH CAROLINA | 145 | 91.0% | 2.4% | 145 | 81.4% | 3.2% | 420 | 57.3% | 3.2% | 705 | 28.2% | 3.3% |
| NEBRASKA | 0 | - | - | 0 | - | - | 0 | - | - | 26 | 24.7% | 8.9% |
| NEW JERSEY | 0 | - | - | 0 | - | - | 0 | - | - | 9 | 0.0% | 0.0% |
| NEW YORK | 112 | 92.9% | 2.4% | 112 | 86.6% | 3.2% | 232 | 60.3% | 5.1% | 365 | 26.0% | 4.5% |
| OHIO | 142 | 95.1% | 1.8% | 142 | 88.0% | 2.7% | 386 | 49.8% | 3.6% | 551 | 21.8% | 4.7% |
| OKLAHOMA | 24 | 95.8% | 4.1% | 24 | 83.3% | 7.6% | 81 | 41.1% | 8.2% | 108 | 31.6% | 7.4% |
| OREGON | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% | 9 | + | + |
| PENNSYLVANIA | 304 | 92.1% | 1.5% | 304 | 80.9% | 2.3% | 684 | 51.9% | 2.8% | 1,101 | 27.0% | 2.5% |
| SOUTH CAROLINA | 0 | - | - | 0 | - | - | 0 | - | - | 9 | 33.3% | 15.7% |
| TENNESSEE | 49 | 83.7% | 5.3% | 49 | 71.4% | 6.5% | 117 | 33.9% | 6.7% | 214 | 25.1% | 4.1% |
| TEXAS | 203 | 89.2% | 2.2% | 203 | 79.8% | 2.8% | 517 | 46.6% | 2.9% | 816 | 23.9% | 2.5% |
| UTAH | 7 | 85.7% | 13.2% | 7 | 71.4% | 17.1% | 42 | 50.1% | 8.1% | 84 | 35.7% | 6.5% |
| VIRGINIA | 124 | 96.0% | 1.8% | 124 | 87.9% | 2.9% | 309 | 55.7% | 4.1% | 472 | 22.5% | 4.0% |
| WASHINGTON | 94 | 88.3% | 3.3% | 94 | 79.8% | 4.1% | 241 | 64.0% | 4.1% | 327 | 24.4% | 7.6% |
| WISCONSIN | 83 | 92.8% | 2.8% | 83 | 90.4% | 3.2% | 206 | 69.1% | 4.2% | 372 | 39.3% | 4.8% |

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