

**Table 5.8b**  
**Adjusted Graft Survival, Deceased Donor ECD Kidney 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. |
| <b>Total</b>                    |                  |       |           |                  |       |           |                  |        |           |                  |       |           |
| All                             | 3,483            | 92.3% | 0.6%      | 3,483            | 84.8% | 1.1%      | 8,907            | 54.9%  | 0.8%      | 14,721           | 26.3% | 0.7%      |
| <b>Age at Tx</b>                |                  |       |           |                  |       |           |                  |        |           |                  |       |           |
| 1-5 Years                       | 0                | -     | -         | 0                | -     | -         | 0                | -      | -         | 4                | 79.2% | 16.3%     |
| 6-11 Years                      | 0                | -     | -         | 0                | -     | -         | 3                | +      | +         | 14               | 30.9% | 13.6%     |
| 12-17 Years                     | 1                | +     | +         | 1                | +     | +         | 6                | 100.0% | 41.3%     | 39               | 10.7% | 7.1%      |
| 18-34 Years                     | 105              | 89.2% | 3.1%      | 105              | 87.2% | 3.3%      | 406              | 53.2%  | 3.3%      | 1,001            | 32.1% | 2.0%      |
| 35-49 Years                     | 499              | 94.8% | 1.0%      | 499              | 87.7% | 1.5%      | 1,586            | 59.6%  | 1.6%      | 3,210            | 30.4% | 1.3%      |
| 50-64 Years                     | 1,660            | 92.9% | 0.6%      | 1,660            | 86.0% | 0.9%      | 4,280            | 56.9%  | 1.1%      | 6,923            | 26.5% | 1.1%      |
| 65+ Years                       | 1,218            | 90.6% | 0.8%      | 1,218            | 81.4% | 1.1%      | 2,626            | 48.5%  | 1.7%      | 3,530            | 20.2% | 1.8%      |
| <b>Recipient Ethnicity/Race</b> |                  |       |           |                  |       |           |                  |        |           |                  |       |           |
| White                           | 1,719            | 93.2% | 0.7%      | 1,719            | 85.6% | 1.2%      | 4,414            | 54.9%  | 1.1%      | 7,573            | 27.8% | 0.9%      |
| African American                | 1,091            | 90.3% | 1.1%      | 1,091            | 82.5% | 1.6%      | 2,779            | 49.9%  | 1.4%      | 4,466            | 18.3% | 1.2%      |
| Hispanic/Latino                 | 369              | 91.7% | 1.5%      | 369              | 83.4% | 2.2%      | 981              | 63.3%  | 2.2%      | 1,557            | 35.6% | 2.2%      |
| Asian                           | 243              | 96.0% | 1.3%      | 243              | 90.2% | 2.0%      | 591              | 62.6%  | 3.1%      | 913              | 42.5% | 3.2%      |
| Other/Multi-race                | 61               | 92.6% | 3.2%      | 61               | 88.1% | 4.0%      | 142              | 62.6%  | 6.4%      | 212              | 9.6%  | 6.2%      |
| <b>Recipient Gender</b>         |                  |       |           |                  |       |           |                  |        |           |                  |       |           |
| Female                          | 1,272            | 93.4% | 0.8%      | 1,272            | 86.7% | 1.3%      | 3,317            | 58.6%  | 1.2%      | 5,633            | 29.8% | 1.1%      |
| Male                            | 2,211            | 91.6% | 0.8%      | 2,211            | 83.6% | 1.3%      | 5,590            | 52.6%  | 1.0%      | 9,088            | 24.3% | 0.9%      |

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

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

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Graft survival follows individual transplants until graft failure. 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 kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Survival rates are adjusted to the characteristics of the 3 month and 1 year cohort. See Technical Notes for details.

Donors are divided into two mutually exclusive and complete categories. All donors meeting the criteria for Expanded Criteria Donors for Kidney are classified as ECD, regardless of whether kidneys were allocated under ECD system. Non-ECDs include all other donors, including SCDs and DCDs.

**Table 5.8b (Continued)**  
**Adjusted Graft Survival, Deceased Donor ECD Kidney 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. |
| <b>Total</b>                   |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| All                            | 3,483            | 92.3%  | 0.6%      | 3,483            | 84.8% | 1.1%      | 8,907            | 54.9% | 0.8%      | 14,721           | 26.3% | 0.7%      |
| <b>Transplant Center State</b> |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| ALABAMA                        | 38               | 89.8%  | 4.8%      | 38               | 89.8% | 4.8%      | 112              | 52.2% | 6.0%      | 248              | 18.6% | 4.9%      |
| ARKANSAS                       | 29               | 92.8%  | 4.9%      | 29               | 85.5% | 6.7%      | 50               | 52.6% | 10.5%     | 69               | 15.1% | 9.6%      |
| ARIZONA                        | 34               | 88.8%  | 5.3%      | 34               | 83.1% | 6.3%      | 92               | 68.0% | 7.2%      | 139              | 41.9% | 7.8%      |
| CALIFORNIA                     | 332              | 94.8%  | 1.2%      | 332              | 88.5% | 1.9%      | 1,034            | 57.7% | 2.4%      | 1,724            | 31.8% | 2.0%      |
| COLORADO                       | 19               | 95.1%  | 4.7%      | 19               | 90.1% | 6.5%      | 60               | 70.5% | 9.3%      | 92               | 34.2% | 9.4%      |
| CONNECTICUT                    | 27               | 100.0% | 0.0%      | 27               | 92.3% | 5.2%      | 64               | 63.5% | 6.9%      | 101              | 28.9% | 7.4%      |
| FLORIDA                        | 215              | 91.3%  | 2.0%      | 215              | 83.4% | 2.7%      | 481              | 57.9% | 3.4%      | 794              | 26.8% | 2.8%      |
| GEORGIA                        | 68               | 90.1%  | 3.6%      | 68               | 84.4% | 4.4%      | 193              | 60.3% | 4.4%      | 290              | 35.9% | 4.9%      |
| HAWAII                         | 24               | +      | +         | 24               | +     | +         | 53               | 70.6% | 8.3%      | 92               | 40.2% | 10.3%     |
| IOWA                           | 20               | 95.2%  | 4.5%      | 20               | 90.2% | 6.4%      | 48               | 67.3% | 9.4%      | 91               | 24.3% | 6.8%      |
| ILLINOIS                       | 144              | 92.5%  | 2.2%      | 144              | 79.4% | 3.6%      | 415              | 54.8% | 3.9%      | 654              | 24.1% | 3.2%      |
| INDIANA                        | 31               | 96.8%  | 3.1%      | 31               | 93.6% | 4.4%      | 77               | 56.0% | 11.8%     | 110              | 37.3% | 12.1%     |
| KANSAS                         | 5                | 100.0% | 0.0%      | 5                | 77.9% | 17.2%     | 15               | 40.4% | 20.4%     | 23               | 30.4% | 14.7%     |
| KENTUCKY                       | 17               | +      | +         | 17               | +     | +         | 80               | 46.7% | 7.2%      | 142              | 25.5% | 6.5%      |
| LOUISIANA                      | 56               | 86.7%  | 4.7%      | 56               | 84.7% | 5.0%      | 127              | 49.2% | 7.5%      | 184              | 30.1% | 5.7%      |
| MASSACHUSETTS                  | 114              | 94.2%  | 2.2%      | 114              | 89.1% | 2.9%      | 248              | 53.2% | 5.3%      | 377              | 24.8% | 4.6%      |
| MARYLAND                       | 105              | 94.3%  | 2.3%      | 105              | 83.7% | 3.8%      | 377              | 47.1% | 3.5%      | 690              | 22.2% | 3.0%      |
| MAINE                          | 4                | +      | +         | 4                | +     | +         | 21               | 62.4% | 11.2%     | 38               | 23.5% | 9.4%      |
| MICHIGAN                       | 95               | 92.9%  | 2.6%      | 95               | 85.9% | 3.6%      | 230              | 58.2% | 4.5%      | 357              | 31.1% | 4.0%      |
| MINNESOTA                      | 44               | 93.0%  | 3.9%      | 44               | 90.7% | 4.4%      | 101              | 52.6% | 9.0%      | 253              | 18.5% | 4.6%      |
| MISSOURI                       | 51               | 89.9%  | 4.3%      | 51               | 81.8% | 5.6%      | 86               | 52.3% | 10.3%     | 182              | 23.4% | 4.5%      |
| MISSISSIPPI                    | 0                | -      | -         | 0                | -     | -         | 2                | 50.9% | 25.4%     | 18               | 19.6% | 9.3%      |
| NORTH CAROLINA                 | 104              | 94.0%  | 2.4%      | 104              | 87.9% | 3.3%      | 248              | 65.1% | 4.2%      | 420              | 23.2% | 4.4%      |
| NORTH DAKOTA                   | 12               | 76.8%  | 11.4%     | 12               | 69.0% | 12.4%     | 44               | 45.7% | 8.3%      | 65               | 28.4% | 8.8%      |
| NEBRASKA                       | 20               | 84.0%  | 8.3%      | 20               | 73.5% | 10.0%     | 49               | 70.9% | 7.2%      | 76               | 35.4% | 9.4%      |
| NEW HAMPSHIRE                  | 15               | 100.0% | 0.0%      | 15               | 92.4% | 7.0%      | 26               | 59.2% | 12.7%     | 32               | 33.3% | 15.3%     |
| NEW JERSEY                     | 131              | 83.9%  | 3.4%      | 131              | 77.7% | 3.9%      | 360              | 50.3% | 3.8%      | 564              | 29.5% | 3.3%      |
| NEW MEXICO                     | 17               | 94.8%  | 4.9%      | 17               | 94.8% | 4.9%      | 31               | 65.0% | 14.1%     | 59               | 28.7% | 9.4%      |
| NEVADA                         | 2                | +      | +         | 2                | +     | +         | 18               | 43.0% | 15.1%     | 36               | 17.0% | 8.1%      |
| NEW YORK                       | 420              | 90.6%  | 1.6%      | 420              | 81.7% | 2.2%      | 857              | 49.2% | 2.7%      | 1,361            | 26.4% | 2.1%      |
| OHIO                           | 149              | 87.4%  | 2.8%      | 149              | 78.5% | 3.6%      | 340              | 54.9% | 3.9%      | 621              | 26.8% | 3.0%      |

(Continued)

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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. |
| <b>Transplant Center State</b>    |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| OKLAHOMA                          | 27               | 92.6%  | 5.0%      | 27               | 77.5% | 8.1%      | 74               | 59.1% | 6.4%      | 119              | 28.1% | 7.2%      |
| OREGON                            | 30               | 96.7%  | 3.2%      | 30               | 93.4% | 4.4%      | 135              | 63.6% | 5.2%      | 198              | 46.9% | 6.3%      |
| PENNSYLVANIA                      | 362              | 91.1%  | 1.6%      | 362              | 83.6% | 2.2%      | 939              | 47.0% | 2.4%      | 1,530            | 22.0% | 2.1%      |
| PUERTO RICO                       | 21               | 100.0% | 0.0%      | 21               | 95.7% | 4.1%      | 37               | 78.2% | 8.4%      | 50               | 0.0%  | 0.0%      |
| RHODE ISLAND                      | 9                | +      | +         | 9                | +     | +         | 44               | 54.9% | 8.8%      | 63               | 11.4% | 8.8%      |
| SOUTH CAROLINA                    | 21               | 100.0% | 0.0%      | 21               | 95.7% | 4.1%      | 57               | 35.0% | 10.5%     | 98               | 17.4% | 5.8%      |
| SOUTH DAKOTA                      | 24               | 92.1%  | 5.3%      | 24               | 80.3% | 7.9%      | 59               | 49.1% | 10.5%     | 77               | 14.8% | 8.1%      |
| TENNESSEE                         | 66               | 95.4%  | 2.6%      | 66               | 89.3% | 3.9%      | 177              | 56.1% | 5.2%      | 295              | 14.9% | 3.7%      |
| TEXAS                             | 220              | 91.3%  | 2.0%      | 220              | 82.6% | 2.8%      | 566              | 55.5% | 3.6%      | 898              | 30.7% | 3.0%      |
| UTAH                              | 8                | 88.8%  | 9.9%      | 8                | 88.8% | 9.9%      | 20               | 67.4% | 12.0%     | 41               | 34.0% | 9.8%      |
| VIRGINIA                          | 115              | 97.4%  | 1.5%      | 115              | 92.9% | 2.5%      | 257              | 59.6% | 4.7%      | 377              | 25.4% | 4.2%      |
| VERMONT                           | 13               | 92.2%  | 7.2%      | 13               | 92.2% | 7.2%      | 21               | 90.4% | 6.3%      | 30               | 25.8% | 17.3%     |
| WASHINGTON                        | 49               | 97.9%  | 2.0%      | 49               | 83.4% | 5.4%      | 128              | 63.4% | 5.7%      | 279              | 29.7% | 4.4%      |
| WISCONSIN                         | 126              | 96.1%  | 1.7%      | 126              | 83.4% | 3.5%      | 353              | 51.4% | 3.9%      | 542              | 27.3% | 3.7%      |
| WEST VIRGINIA                     | 6                | 100.0% | 0.0%      | 6                | 83.6% | 13.7%     | 23               | 67.2% | 12.3%     | 70               | 13.3% | 6.1%      |
| <b>Primary Diagnosis</b>          |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Glomerular Diseases               | 580              | 91.8%  | 1.3%      | 580              | 84.3% | 1.8%      | 1,594            | 58.0% | 1.9%      | 2,940            | 34.4% | 1.5%      |
| Diabetes                          | 1,086            | 91.8%  | 1.0%      | 1,086            | 83.0% | 1.5%      | 2,668            | 49.3% | 1.5%      | 4,138            | 18.2% | 1.3%      |
| Hypertensive                      |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Nephrosclerosis                   | 902              | 91.8%  | 1.0%      | 902              | 85.0% | 1.5%      | 2,194            | 52.6% | 1.6%      | 3,271            | 22.0% | 1.6%      |
| Polycystic Kidneys                | 325              | 96.2%  | 1.1%      | 325              | 89.2% | 1.9%      | 794              | 67.3% | 2.4%      | 1,367            | 39.7% | 2.4%      |
| Tubular and Interstitial Diseases | 175              | 92.5%  | 2.1%      | 175              | 87.2% | 2.7%      | 389              | 60.0% | 3.6%      | 728              | 30.8% | 2.9%      |
| Renovascular & Other              |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Vascular Diseases                 | 110              | 91.1%  | 2.7%      | 110              | 83.9% | 3.6%      | 404              | 52.5% | 3.2%      | 782              | 23.8% | 2.6%      |
| Congenital, Rare                  |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Familial, & Metabolic             |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Disorders                         | 22               | 100.0% | 0.0%      | 22               | 74.6% | 9.7%      | 79               | 58.9% | 6.7%      | 146              | 32.9% | 5.7%      |
| Neoplasms                         | 15               | 93.8%  | 5.9%      | 15               | 87.5% | 8.0%      | 36               | 62.9% | 9.2%      | 52               | 22.1% | 9.7%      |
| Other                             | 250              | 92.3%  | 1.8%      | 250              | 86.2% | 2.3%      | 676              | 58.9% | 2.6%      | 1,151            | 29.1% | 2.5%      |
| Unknown                           | 18               | 88.6%  | 7.4%      | 18               | 82.8% | 8.8%      | 73               | 65.3% | 7.1%      | 146              | 31.9% | 7.4%      |

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