

**Table 8.7**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Recipient Age at Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>6-11 Years</b>									
Patients	-	-	-	-	-	1	-	-	-
Deaths	-	-	-	-	-	0	-	-	-
Rate	-	-	-	-	-	*	-	-	-
<b>12-17 Years</b>									
Patients	-	-	-	-	-	1	-	-	-
Deaths	-	-	-	-	-	0	-	-	-
Rate	-	-	-	-	-	*	-	-	-
<b>18-34 Years</b>									
Patients	228	243	218	230	196	216	173	178	175
Deaths	8	12	9	12	6	9	5	2	5
Rate	36.1	51.2	42.4	54.2	31.2	43.1	29.2	11.4	29.1
<b>35-49 Years</b>									
Patients	555	505	542	504	520	545	562	501	473
Deaths	28	27	28	16	28	25	27	22	23
Rate	52.3	55.6	53.6	32.5	55.6	47.3	49.6	45.2	50.4
<b>50-64 Years</b>									
Patients	123	138	140	130	164	131	174	170	177
Deaths	8	12	8	10	14	6	16	4	13
Rate	68.0	92.9	59.2	79.8	90.7	47.7	98.2	24.0	77.2
<b>65+ Years</b>									
Patients	2	-	3	2	-	1	4	1	1
Deaths	0	-	0	0	-	1	0	0	0
Rate	*	-	*	*	-	*	*	*	*

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Ethnicity/Race	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>White</b>									
Patients	770	707	712	631	662	651	681	627	581
Deaths	38	36	35	28	35	27	32	21	29
Rate	51.0	52.8	50.9	45.6	54.6	42.7	48.5	34.2	51.7
<b>African American</b>									
Patients	84	111	104	139	124	148	140	125	142
Deaths	5	8	9	6	7	9	11	4	11
Rate	62.9	76.2	92.2	45.0	58.5	63.8	82.5	32.9	81.5
<b>Other/Multi-race</b>									
Patients	6	5	1	6	6	4	10	9	5
Deaths	1	0	0	1	2	0	1	0	0
Rate	*	*	*	*	*	*	107.0	*	*
<b>Asian</b>									
Patients	4	9	13	12	10	17	10	13	10
Deaths	0	1	0	0	0	1	0	0	0
Rate	*	*	0.0	0.0	0.0	62.1	0.0	0.0	0.0
<b>Hispanic/Latino</b>									
Patients	44	54	73	78	78	75	72	76	88
Deaths	0	6	1	3	4	4	4	3	1
Rate	0.0	122.7	13.7	39.7	53.6	54.8	57.5	40.9	11.5

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Gender	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>Female</b>									
Patients	388	375	346	332	344	341	332	321	287
Deaths	16	21	17	12	12	19	14	7	13
Rate	42.5	58.2	50.6	37.1	35.7	57.9	43.2	22.1	46.9
<b>Male</b>									
Patients	520	511	557	534	536	554	581	529	539
Deaths	28	30	28	26	36	22	34	21	28
Rate	55.9	61.5	52.2	50.3	70.1	40.9	60.9	40.8	53.8

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Blood Type	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>A</b>									
Patients	362	351	370	300	341	363	349	299	308
Deaths	17	21	17	12	17	21	18	8	12
Rate	48.5	62.7	47.4	41.2	51.4	60.7	53.4	27.2	40.2
<b>AB</b>									
Patients	31	35	32	41	40	39	42	33	36
Deaths	0	2	4	2	1	0	2	1	4
Rate	0.0	59.8	138.1	50.4	25.3	0.0	49.0	30.7	117.8
<b>B</b>									
Patients	114	110	100	95	104	101	98	109	99
Deaths	4	4	3	6	5	5	4	9	4
Rate	35.6	37.5	30.6	65.9	49.1	51.6	41.6	88.2	41.5
<b>O</b>									
Patients	401	390	401	430	395	392	424	409	383
Deaths	23	24	21	18	25	15	24	10	21
Rate	60.0	64.2	54.4	43.0	66.2	39.1	58.8	24.9	56.9

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Residency	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>U.S. Resident</b>									
Patients	901	883	898	861	875	895	913	846	822
Deaths	42	51	44	38	48	41	48	28	40
Rate	48.2	60.3	50.7	45.5	56.8	47.4	54.4	33.9	50.3
<b>Nonresident Alien</b>									
Patients	3	3	1	5	5	-	-	4	4
Deaths	1	0	0	0	0	-	-	0	1
Rate	*	*	*	*	*	-	-	*	*
<b>Unknown</b>									
Patients	4	-	4	-	-	-	-	-	-
Deaths	1	-	1	-	-	-	-	-	-
Rate	*	-	*	-	-	-	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Previous Tx Same Organ	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>No</b>									
Patients	900	876	894	858	870	881	899	834	817
Deaths	43	50	45	37	47	41	47	28	38
Rate	49.5	59.5	52.1	44.4	55.9	48.1	54.1	34.4	48.1
<b>Yes</b>									
Patients	8	10	9	8	10	14	14	16	9
Deaths	1	1	0	1	1	0	1	0	3
Rate	*	109.9	*	*	108.9	0.0	72.9	0.0	*

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Previous KI/KP Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>No</b>									
Patients	862	841	853	831	818	842	863	802	791
Deaths	41	43	43	36	39	38	44	26	38
Rate	49.2	53.1	52.3	44.6	49.2	46.6	52.8	33.2	49.7
<b>Yes</b>									
Patients	46	45	50	35	62	53	50	48	35
Deaths	3	8	2	2	9	3	4	2	3
Rate	67.5	207.4	40.4	59.9	159.6	59.6	82.4	42.8	89.9

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Previous PA/KP Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>No</b>									
Patients	898	868	892	855	867	877	896	832	814
Deaths	43	49	45	37	47	40	46	28	38
Rate	49.6	58.9	52.3	44.5	56.1	47.1	53.1	34.5	48.3
<b>Yes</b>									
Patients	10	18	11	11	13	18	17	18	12
Deaths	1	2	0	1	1	1	2	0	3
Rate	102.2	122.3	0.0	97.5	82.1	58.0	122.3	0.0	289.3

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Hospitalized at Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>Not Hospitalized</b>									
Patients	898	877	889	851	865	879	902	836	807
Deaths	43	48	45	38	43	36	46	27	37
Rate	49.5	57.0	52.4	46.0	51.3	42.2	52.7	33.0	47.3
<b>Hospitalized</b>									
Patients	10	9	11	12	12	10	10	12	17
Deaths	1	3	0	0	3	0	2	0	3
Rate	108.7	*	0.0	0.0	301.9	0.0	225.4	0.0	208.8
<b>In Intensive Care</b>									
Patients	-	-	3	3	3	5	1	2	2
Deaths	-	-	0	0	2	4	0	1	1
Rate	-	-	*	*	*	*	*	*	*
<b>Unknown</b>									
Patients	-	-	-	-	-	1	-	-	-
Deaths	-	-	-	-	-	1	-	-	-
Rate	-	-	-	-	-	*	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

PRA at Transplant	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>0%-9%</b>									
Patients	802	741	748	693	668	740	773	698	691
Deaths	36	43	36	32	34	33	39	23	29
Rate	46.4	60.5	49.8	47.6	52.6	46.0	52.1	33.7	43.2
<b>10%-79%</b>									
Patients	39	53	53	65	71	76	81	93	96
Deaths	1	1	4	1	7	4	5	3	9
Rate	26.2	19.2	78.1	15.5	105.1	54.8	64.6	33.0	101.4
<b>80%+</b>									
Patients	14	9	7	10	18	14	17	19	15
Deaths	3	2	0	2	3	2	1	2	2
Rate	233.3	*	*	230.6	187.8	164.9	62.3	116.2	141.2
<b>Unknown</b>									
Patients	53	83	95	98	123	65	42	40	24
Deaths	4	5	5	3	4	2	3	0	1
Rate	78.7	63.3	54.7	31.5	33.2	31.4	73.8	0.0	42.3

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Donor Age	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>&lt;1 Year</b>									
Patients	-	-	1	-	-	-	-	-	-
Deaths	-	-	0	-	-	-	-	-	-
Rate	-	-	*	-	-	-	-	-	-
<b>1-5 Years</b>									
Patients	3	1	1	1	2	5	2	1	2
Deaths	1	0	0	0	0	0	0	0	0
Rate	*	*	*	*	*	*	*	*	*
<b>6-11 Years</b>									
Patients	23	29	19	23	20	13	12	24	16
Deaths	0	1	2	1	1	2	0	1	0
Rate	0.0	35.4	114.0	45.4	50.8	169.9	0.0	43.3	0.0
<b>12-17 Years</b>									
Patients	177	163	162	165	163	153	161	132	140
Deaths	7	6	6	5	11	7	4	4	5
Rate	40.5	37.9	37.7	30.7	69.6	47.5	25.3	31.1	36.7
<b>18-34 Years</b>									
Patients	458	466	479	478	480	532	527	525	505
Deaths	20	23	23	23	21	16	25	19	25
Rate	45.1	51.1	49.7	49.8	45.2	30.8	48.9	37.0	51.2
<b>35-49 Years</b>									
Patients	228	196	216	173	179	172	196	158	152
Deaths	16	17	10	8	13	14	18	3	11
Rate	74.0	92.5	48.2	47.9	76.6	85.7	97.9	19.3	76.3
<b>50-64 Years</b>									
Patients	19	30	25	26	36	20	15	10	11
Deaths	0	3	4	1	2	2	1	1	0
Rate	0.0	109.2	171.3	38.8	56.8	105.8	68.1	109.4	0.0

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Donor Age	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>65+ Years</b>									
Patients	-	1	-	-	-	-	-	-	-
Deaths	-	1	-	-	-	-	-	-	-
Rate	-	*	-	-	-	-	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>										
	Patients	908	886	903	866	880	895	913	850	826
	Deaths	44	51	45	38	48	41	48	28	41
	Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>A Locus Mismatch</b>										
	0									
	Patients	116	124	126	72	89	74	77	80	79
	Deaths	5	6	3	3	1	6	5	1	4
	Rate	44.0	50.0	24.1	43.1	11.3	85.9	68.7	12.5	52.1
	1									
	Patients	385	375	383	381	379	399	366	354	337
	Deaths	18	21	18	20	22	10	18	13	14
	Rate	48.4	58.3	48.6	54.2	60.6	25.5	50.6	37.8	42.8
	2									
	Patients	407	387	394	411	412	422	470	416	410
	Deaths	21	24	24	15	25	25	25	14	23
	Rate	53.6	65.1	63.6	37.5	62.8	61.8	55.1	34.5	58.4
	Unknown									
	Patients	0	0	0	2	0	0	0	0	0
	Deaths	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>										
	Patients	908	886	903	866	880	895	913	850	826
	Deaths	44	51	45	38	48	41	48	28	41
	Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>B Locus Mismatch</b>										
	0									
	Patients	73	65	62	27	30	34	28	38	22
	Deaths	4	4	0	1	1	3	4	2	3
	Rate	56.5	64.1	0.0	38.2	34.4	95.2	158.9	54.1	147.5
	1									
	Patients	260	249	264	233	245	247	251	218	214
	Deaths	12	15	10	7	14	9	7	7	9
	Rate	47.9	63.4	38.9	30.7	59.2	37.5	28.2	32.7	43.4
	2									
	Patients	575	572	577	604	605	614	634	594	590
	Deaths	28	32	35	30	33	29	37	19	29
	Rate	50.4	58.2	63.3	51.3	56.5	48.8	60.8	32.8	50.9
	Unknown									
	Patients	-	-	-	2	-	-	-	-	-
	Deaths	-	-	-	0	-	-	-	-	-
	Rate	-	-	-	*	-	-	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>										
	Patients	908	886	903	866	880	895	913	850	826
	Deaths	44	51	45	38	48	41	48	28	41
	Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>DR Locus Mismatch</b>										
	0									
	Patients	91	105	103	86	69	69	69	55	71
	Deaths	6	10	1	7	5	6	5	2	5
	Rate	68.9	103.2	9.8	86.6	76.2	92.4	76.1	36.8	73.1
	1									
	Patients	397	362	376	343	370	405	390	364	348
	Deaths	21	14	15	8	18	23	20	17	17
	Rate	55.1	39.8	41.0	23.6	50.3	59.3	53.3	48.4	50.5
	2									
	Patients	418	419	424	437	441	421	454	431	407
	Deaths	17	27	29	23	25	12	23	9	19
	Rate	41.8	67.5	71.8	54.6	58.7	29.1	52.1	21.2	48.4
	Unknown									
	Patients	2	-	-	-	-	-	-	-	-
	Deaths	0	-	-	-	-	-	-	-	-
	Rate	*	-	-	-	-	-	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>										
	Patients	908	886	903	866	880	895	913	850	826
	Deaths	44	51	45	38	48	41	48	28	41
	Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>Total Mismatch</b>										
0										
	Patients	42	45	39	12	12	18	11	12	11
	Deaths	3	3	0	1	0	2	3	1	3
	Rate	73.8	69.5	0.0	89.7	0.0	124.0	363.2	83.5	321.2
1										
	Patients	11	11	9	9	11	4	2	6	4
	Deaths	1	1	0	0	0	1	0	0	0
	Rate	99.2	99.8	*	*	0.0	*	*	*	*
2										
	Patients	37	31	36	25	28	24	33	39	29
	Deaths	1	1	1	2	0	2	1	2	1
	Rate	27.6	33.0	28.5	85.5	0.0	87.0	30.8	53.4	35.2
3										
	Patients	123	125	143	126	128	118	111	90	124
	Deaths	5	8	4	7	9	5	4	3	4
	Rate	42.1	67.6	28.5	57.2	74.0	43.6	36.5	33.9	32.9
4										
	Patients	235	235	229	218	220	248	238	227	195
	Deaths	14	11	9	2	11	7	10	8	7
	Rate	62.1	48.4	40.2	9.2	51.7	28.8	43.2	36.2	36.8
5										
	Patients	306	280	295	295	307	331	338	300	279
	Deaths	11	17	17	18	19	18	19	8	16
	Rate	36.9	63.5	60.1	63.8	64.6	56.7	58.6	27.2	59.8

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Level of HLA Mismatch (Total)	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total Mismatch</b>									
6									
Patients	152	159	152	179	174	152	180	176	184
Deaths	9	10	14	8	9	6	11	6	10
Rate	61.5	65.7	98.5	46.0	52.9	40.4	63.3	34.9	56.6
Unknown									
Patients	2	-	-	2	-	-	-	-	-
Deaths	0	-	-	0	-	-	-	-	-
Rate	*	-	-	*	-	-	-	-	-

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Cold Ischemic Time	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>0-11 Hours</b>									
Patients	321	297	337	341	342	370	424	422	446
Deaths	14	17	20	16	16	17	15	12	18
Rate	45.0	59.6	62.2	48.3	48.3	47.3	36.2	29.0	41.2
<b>12-21 Hours</b>									
Patients	342	321	344	319	330	343	337	314	293
Deaths	10	15	14	12	21	9	22	9	15
Rate	29.8	48.5	41.8	38.8	66.4	26.8	68.3	29.2	53.5
<b>22-31 Hours</b>									
Patients	78	67	47	29	33	29	23	17	12
Deaths	8	2	1	2	2	4	3	0	0
Rate	110.2	30.5	21.3	71.4	62.3	158.4	140.1	0.0	0.0
<b>32-41 Hours</b>									
Patients	3	3	2	3	2	1	4	6	4
Deaths	1	0	0	1	0	1	0	0	1
Rate	*	*	*	*	*	*	*	*	*
<b>42+ Hours</b>									
Patients	1	-	1	1	2	1	3	-	8
Deaths	0	-	0	0	0	1	1	-	1
Rate	*	-	*	*	*	*	*	-	*
<b>Unknown</b>									
Patients	163	198	172	173	171	151	122	91	63
Deaths	11	17	10	7	9	9	7	7	6
Rate	70.9	91.6	60.4	41.4	54.2	62.2	59.6	81.8	103.2

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>									
Patients	908	886	903	866	880	895	913	850	826
Deaths	44	51	45	38	48	41	48	28	41
Rate	50.2	60.1	51.6	45.2	56.5	47.4	54.4	33.7	51.4
<b>Alabama</b>									
Patients	21	18	15	19	13	13	25	12	11
Deaths	1	1	0	0	0	0	0	0	0
Rate	49.3	58.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Arkansas</b>									
Patients	9	6	4	1	1	7	3	2	1
Deaths	0	1	0	0	0	1	0	0	0
Rate	*	*	*	*	*	*	*	*	*
<b>Arizona</b>									
Patients	19	8	17	12	6	27	29	41	35
Deaths	0	0	0	1	0	1	0	2	2
Rate	0.0	*	0.0	86.5	*	37.7	0.0	50.3	58.3
<b>California</b>									
Patients	102	101	107	122	91	126	118	96	80
Deaths	4	7	2	6	3	6	4	4	2
Rate	40.7	73.1	18.9	51.3	33.7	48.9	34.6	43.0	25.5
<b>Colorado</b>									
Patients	15	10	15	14	9	12	8	17	17
Deaths	1	0	0	0	0	0	0	0	0
Rate	70.2	0.0	0.0	0.0	*	0.0	*	0.0	0.0
<b>Connecticut</b>									
Patients	4	-	2	2	2	1	2	-	2
Deaths	0	-	0	0	0	0	0	-	1
Rate	*	-	*	*	*	*	*	-	*
<b>District of Columbia</b>									
Patients	12	13	12	14	4	8	10	3	10
Deaths	1	1	1	1	0	0	1	0	1
Rate	90.6	82.6	90.2	75.3	*	*	102.7	*	110.9

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Florida</b>									
Patients	47	78	70	62	82	81	65	69	64
Deaths	1	6	4	2	5	2	5	1	4
Rate	21.6	82.3	59.7	32.4	63.3	25.2	82.2	14.6	65.8
<b>Georgia</b>									
Patients	23	46	27	27	23	25	25	23	39
Deaths	0	2	1	0	2	1	2	1	0
Rate	0.0	44.6	38.0	0.0	94.7	41.4	83.8	45.3	0.0
<b>Hawaii</b>									
Patients	2	1	2	3	1	2	1	4	1
Deaths	0	0	0	0	1	0	0	0	0
Rate	*	*	*	*	*	*	*	*	*
<b>Iowa</b>									
Patients	9	16	15	14	3	8	8	5	8
Deaths	1	1	0	0	1	0	0	0	1
Rate	*	66.1	0.0	0.0	*	*	*	*	*
<b>Illinois</b>									
Patients	60	62	66	66	89	52	43	34	41
Deaths	1	2	4	3	9	1	3	0	0
Rate	16.9	33.2	63.7	47.3	110.0	19.3	73.6	0.0	0.0
<b>Indiana</b>									
Patients	8	6	8	25	29	30	27	32	24
Deaths	0	1	0	1	3	1	1	0	0
Rate	*	*	*	41.2	111.1	33.6	38.1	0.0	0.0
<b>Kansas</b>									
Patients	13	21	16	9	1	4	5	10	12
Deaths	0	2	0	0	0	0	0	1	0
Rate	0.0	103.6	0.0	*	*	*	*	100.3	0.0
<b>Kentucky</b>									
Patients	20	13	19	10	19	9	9	16	7
Deaths	1	0	1	1	0	1	0	2	1
Rate	52.1	0.0	54.9	108.1	0.0	*	*	140.1	*

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Louisiana</b>									
Patients	22	20	25	28	36	19	17	24	25
Deaths	0	2	3	2	2	2	0	0	3
Rate	0.0	108.9	135.3	74.5	56.2	112.9	0.0	0.0	127.3
<b>Massachusetts</b>									
Patients	4	2	2	2	5	6	4	3	3
Deaths	1	0	1	0	0	0	0	0	1
Rate	*	*	*	*	*	*	*	*	*
<b>Maryland</b>									
Patients	23	14	8	6	20	22	39	25	18
Deaths	6	2	0	0	0	3	4	1	0
Rate	318.1	159.5	*	*	0.0	156.5	110.3	41.2	0.0
<b>Maine</b>									
Patients	-	-	2	3	2	2	3	1	1
Deaths	-	-	0	0	0	0	0	0	0
Rate	-	-	*	*	*	*	*	*	*
<b>Michigan</b>									
Patients	5	10	13	14	20	12	36	15	19
Deaths	0	0	1	1	2	0	3	1	2
Rate	*	0.0	78.6	73.9	105.8	0.0	90.5	71.3	115.9
<b>Minnesota</b>									
Patients	40	41	27	15	22	23	26	19	20
Deaths	3	5	2	2	4	3	3	1	2
Rate	77.0	133.4	78.5	150.2	193.1	145.3	125.8	55.3	108.8
<b>Missouri</b>									
Patients	12	6	7	7	9	20	14	13	13
Deaths	3	1	2	1	0	1	1	0	1
Rate	311.0	*	*	*	*	52.4	74.2	0.0	82.2
<b>North Carolina</b>									
Patients	28	21	41	21	33	37	36	51	37
Deaths	1	0	0	2	0	0	3	1	1
Rate	36.5	0.0	0.0	104.3	0.0	0.0	87.1	19.8	27.7

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>North Dakota</b>									
Patients	-	-	3	1	5	2	4	1	4
Deaths	-	-	1	0	0	0	0	0	1
Rate	-	-	*	*	*	*	*	*	*
<b>Nebraska</b>									
Patients	13	8	12	10	6	9	6	13	9
Deaths	0	0	0	0	1	1	0	0	1
Rate	0.0	*	0.0	0.0	*	*	*	0.0	*
<b>New Hampshire</b>									
Patients	-	-	-	-	-	-	5	2	6
Deaths	-	-	-	-	-	-	0	0	0
Rate	-	-	-	-	-	-	*	*	*
<b>New Jersey</b>									
Patients	22	14	9	16	11	21	20	22	23
Deaths	1	1	1	2	1	2	1	2	2
Rate	47.1	71.7	*	132.8	98.9	103.1	51.9	98.9	92.2
<b>Nevada</b>									
Patients	1	3	2	1	-	-	-	-	-
Deaths	0	0	0	0	-	-	-	-	-
Rate	*	*	*	*	-	-	-	-	-
<b>New York</b>									
Patients	20	12	19	19	18	21	20	14	14
Deaths	2	2	1	0	4	3	0	2	0
Rate	101.5	192.2	52.8	0.0	254.7	163.4	0.0	160.3	0.0
<b>Ohio</b>									
Patients	68	53	55	57	65	44	60	63	56
Deaths	4	4	2	5	2	5	3	3	4
Rate	61.5	78.3	37.4	92.3	31.2	120.1	51.3	49.2	73.8
<b>Oklahoma</b>									
Patients	7	6	6	5	8	3	9	3	4
Deaths	0	0	2	0	1	0	0	0	0
Rate	*	*	*	*	*	*	*	*	*

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Oregon</b>									
Patients	4	3	12	9	3	9	14	7	10
Deaths	0	0	0	0	0	0	0	0	0
Rate	*	*	0.0	*	*	*	0.0	*	0.0
<b>Pennsylvania</b>									
Patients	62	76	65	52	53	51	49	30	18
Deaths	0	6	7	2	1	3	3	0	0
Rate	0.0	84.3	114.5	39.8	18.9	62.3	64.1	0.0	0.0
<b>Puerto Rico</b>									
Patients	-	-	-	-	-	-	-	5	7
Deaths	-	-	-	-	-	-	-	1	0
Rate	-	-	-	-	-	-	-	*	*
<b>Rhode Island</b>									
Patients	-	-	-	1	1	1	2	-	1
Deaths	-	-	-	0	0	0	1	-	0
Rate	-	-	-	*	*	*	*	-	*
<b>South Carolina</b>									
Patients	17	21	16	10	12	8	11	11	16
Deaths	0	1	0	0	0	0	1	0	1
Rate	0.0	49.9	0.0	0.0	0.0	*	92.8	0.0	66.3
<b>South Dakota</b>									
Patients	-	-	-	-	2	-	-	-	-
Deaths	-	-	-	-	0	-	-	-	-
Rate	-	-	-	-	*	-	-	-	-
<b>Tennessee</b>									
Patients	37	12	29	17	13	19	31	21	17
Deaths	2	0	1	0	1	0	2	1	4
Rate	57.0	0.0	35.4	0.0	82.2	0.0	65.6	47.9	285.9
<b>Texas</b>									
Patients	47	55	41	55	54	49	31	55	55
Deaths	3	2	1	3	3	2	0	3	2
Rate	67.3	37.0	24.5	57.0	58.0	42.4	0.0	57.0	37.3

(Continued)

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

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 8.7 (Continued)**  
**Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008**  
**Rates for Recipients during First Year after Kidney-Pancreas Transplantation**

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Utah</b>									
Patients	8	5	10	17	10	7	12	11	9
Deaths	0	0	0	0	0	0	1	0	0
Rate	*	*	0.0	0.0	0.0	*	90.8	0.0	*
<b>Virginia</b>									
Patients	14	15	11	15	9	14	17	11	15
Deaths	3	0	2	0	1	1	3	1	0
Rate	257.6	0.0	212.0	0.0	*	76.2	204.2	93.0	0.0
<b>Vermont</b>									
Patients	-	-	-	6	-	3	2	3	9
Deaths	-	-	-	1	-	0	0	0	0
Rate	-	-	-	*	-	*	*	*	*
<b>Washington</b>									
Patients	25	21	23	23	26	17	22	23	16
Deaths	1	1	0	0	0	0	2	0	1
Rate	40.5	49.4	0.0	0.0	0.0	0.0	94.2	0.0	66.6
<b>Wisconsin</b>									
Patients	65	69	70	56	64	71	45	40	49
Deaths	3	0	5	2	1	1	1	0	3
Rate	47.8	0.0	75.6	36.4	15.9	14.2	22.4	0.0	63.7

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

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.