

Table 14.2
Recipient Recurrence of Pretransplant Malignancies, 1999 to 2008
by Transplant Type

Organ Type	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
Total Recipients	22,046	23,274	24,256	24,921	25,486	27,051	28,117	28,939	28,364	27,961
# With Pre-Tx Malignancy (1)	743	874	1,004	1,203	1,211	1,289	1,409	1,577	1,693	1,833
# With Recurrence of Pre-Tx Malignancy (2)	60	56	63	77	68	49	64	54	37	33
% With Recurrence of Pre-Tx Malignancy (3)	8.1%	6.4%	6.3%	6.4%	5.6%	3.8%	4.5%	3.4%	2.2%	1.8%
# With Recurrence, but no Pre-Tx Malignancy (4)	39	45	76	84	97	116	127	109	73	28

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

Notes:

(-) = None in category.

Includes both deceased and living donor transplants.

(1) Pre-Tx malignancy reported on the TCR or TRR Form.

(2) Recurrence reported on the Transplant Recipient Follow-up Form.

(3) Percent recurrence is calculated based on total with reported pre-tx malignancy.

(4) Recurrence reported on the follow-up form, but no pre-tx malignancy reported, so these are not included in recurrence rates.

Recipient malignancy statistics are based on voluntary reporting to the OPTN

Table 14.2 (Continued)
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Organ Type	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Kidney										
Total Recipients	12,761	13,617	14,271	14,779	15,137	16,004	16,483	17,093	16,630	16,517
# With Pre-Tx Malignancy (1)	329	348	424	459	462	507	659	741	758	826
# With Recurrence of Pre-Tx Malignancy (2)	14	13	11	11	13	13	12	10	5	5
% With Recurrence of Pre-Tx Malignancy (3)	4.3%	3.7%	2.6%	2.4%	2.8%	2.6%	1.8%	1.3%	0.7%	0.6%
# With Recurrence, but no Pre-Tx Malignancy (4)	12	17	16	16	19	12	10	12	6	-
Pancreas After Kidney										
Total Recipients	220	305	305	375	344	420	343	293	261	214
# With Pre-Tx Malignancy (1)	3	8	8	8	5	10	8	9	10	3
# With Recurrence of Pre-Tx Malignancy (2)	-	-	-	-	-	-	-	-	-	-
% With Recurrence of Pre-Tx Malignancy (3)	-	-	-	-	-	-	-	-	-	-
# With Recurrence, but no Pre-Tx Malignancy (4)	-	-	-	-	-	-	-	-	-	-
Pancreas Transplant Alone										
Total Recipients	139	134	168	181	160	183	199	173	208	223
# With Pre-Tx Malignancy (1)	3	5	7	5	4	5	7	4	8	8
# With Recurrence of Pre-Tx Malignancy (2)	-	1	1	-	-	-	-	-	-	1
% With Recurrence of Pre-Tx Malignancy (3)	-	20.0%	14.3%	-	-	-	-	-	-	12.5%
# With Recurrence, but no Pre-Tx Malignancy (4)	-	-	-	-	1	-	1	-	2	1

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Organ Type	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Intestine										
Total Recipients	73	82	113	107	116	152	178	175	198	185
# With Pre-Tx Malignancy (1)	1	4	4	3	6	9	2	5	9	10
# With Recurrence of Pre-Tx Malignancy (2)	-	1	1	-	1	-	-	-	-	1
% With Recurrence of Pre-Tx Malignancy (3)	-	25.0%	25.0%	-	16.7%	-	-	-	-	10.0%
# With Recurrence, but no Pre-Tx Malignancy (4)	-	-	-	-	1	-	-	-	1	1
Kidney-Pancreas										
Total Recipients	941	915	891	905	871	881	903	924	862	836
# With Pre-Tx Malignancy (1)	11	8	13	9	9	9	13	18	10	10
# With Recurrence of Pre-Tx Malignancy (2)	-	-	-	-	-	-	-	-	-	-
% With Recurrence of Pre-Tx Malignancy (3)	-	-	-	-	-	-	-	-	-	-
# With Recurrence, but no Pre-Tx Malignancy (4)	-	1	1	1	1	-	-	-	-	-
Liver										
Total Recipients	4,751	4,997	5,196	5,332	5,673	6,171	6,444	6,651	6,494	6,318
# With Pre-Tx Malignancy (1)	299	402	414	611	610	616	556	603	711	734
# With Recurrence of Pre-Tx Malignancy (2)	40	36	46	65	51	34	49	40	29	22
% With Recurrence of Pre-Tx Malignancy (3)	13.4%	9.0%	11.1%	10.6%	8.4%	5.5%	8.8%	6.6%	4.1%	3.0%
# With Recurrence, but no Pre-Tx Malignancy (4)	22	22	52	62	72	101	112	95	62	26

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Organ Type	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Heart-Lung										
Total Recipients	51	48	27	33	29	40	35	31	31	27
# With Pre-Tx Malignancy (1)	-	1	2	1	3	1	1	-	1	4
# With Recurrence of Pre-Tx Malignancy (2)	-	-	-	-	-	-	-	-	-	-
% With Recurrence of Pre-Tx Malignancy (3)	-	-	-	-	-	-	-	-	-	-
# With Recurrence, but no Pre-Tx Malignancy (4)	-	-	-	-	-	-	-	-	-	-
Heart										
Total Recipients	2,188	2,199	2,202	2,155	2,057	2,015	2,125	2,193	2,209	2,163
# With Pre-Tx Malignancy (1)	75	70	98	72	78	95	103	107	103	132
# With Recurrence of Pre-Tx Malignancy (2)	4	2	3	-	3	1	2	4	3	3
% With Recurrence of Pre-Tx Malignancy (3)	5.3%	2.9%	3.1%	-	3.8%	1.1%	1.9%	3.7%	2.9%	2.3%
# With Recurrence, but no Pre-Tx Malignancy (4)	3	3	3	4	3	2	2	-	2	-
Lung										
Total Recipients	922	977	1,083	1,054	1,099	1,185	1,407	1,406	1,471	1,478
# With Pre-Tx Malignancy (1)	22	28	34	35	34	37	60	90	83	106
# With Recurrence of Pre-Tx Malignancy (2)	2	3	1	1	-	1	1	-	-	1
% With Recurrence of Pre-Tx Malignancy (3)	9.1%	10.7%	2.9%	2.9%	-	2.7%	1.7%	-	-	0.9%
# With Recurrence, but no Pre-Tx Malignancy (4)	2	2	4	1	-	1	2	2	-	-

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